

Paleontological Resource
Impact Evaluation Report Along
Proponent-Proposed Routes for the
Uinta Basin Railway Project in
Utah, Carbon, Duchesne, and Uintah
Counties, Utah

FINAL

MARCH 2020

PREPARED FOR
HDR Engineering, Inc.

PREPARED BY
SWCA Environmental Consultants

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UINTA BASIN RAILWAY PROJECT IN
UTAH, CARBON, DUCHESNE, AND UINTAH
COUNTIES, UTAH
FINAL**

Creation dates of proposed routes (based on GIS data provided by HDR):
Indian Canyon Proposed Route: 11/22/2019 (final data received 11/26/2019)
Whitmore Park Proposed Route: 02/12/2020 (final data received 2/12/2020)
Wells Draw Proposed Route: 11/22/2019 (final data received 11/26/2019)

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INTRODUCTION

The Seven County Infrastructure Coalition (Coalition) proposes to construct and operate a rail line between two terminus points in the Uinta Basin and the interstate railway network. The Uinta Basin Railway Project (Project) would be constructed and operated under the authority of the Surface Transportation Board (STB) and has the potential to result in significant environmental impacts. For this reason, an environmental impact statement (EIS) is being prepared pursuant to the National Environmental Policy Act (NEPA).

The Project is in Utah, Carbon, Duchesne, and Uintah Counties, Utah. Landownership includes private ownership, tribal land, and public land managed by the Bureau of Land Management (BLM) (Vernal, Price, and Salt Lake Field Offices); the State of Utah School and Institutional Trust Lands Administration (SITLA); and the U.S. Forest Service (USFS, within Ashley National Forest). The Project proposes a No Build option and three proponent-proposed routes (proposed routes), which are subject to environmental analysis:

- The Indian Canyon Proposed Route is 80.6 miles long (based on centerline alignment dated 11/22/2019) and runs from a connection to the national railway network near Kyune, Utah, to a terminus near Myton, Utah, in the Uinta Basin.
- The Whitmore Park Proposed Route is 87.7 miles long (based on centerline alignment dated 2/12/2020) and runs from a connection to the national railway network near Kyune, Utah, to a terminus near Myton, Utah, in the Uinta Basin. It coincides with the Indian Canyon Proposed Route for much of its length.
- The Wells Draw Proposed Route is 103.3 miles long (based on centerline alignment dated 11/22/2019) and runs from a connection to the national railway network near Kyune, Utah, to a terminus near Myton, Utah.

A fourth route, the Craig Proposed Route, which is approximately 185 miles long and extends from a connection to the national railway network near Axial, Colorado, to a terminus near Myton, Utah, was initially proposed by the Coalition. Upon further examination, the Coalition determined that the Craig Proposed Route does not meet the purpose and need for the Project, in that it fails to provide a cost-effective transportation alternative. Because the Craig Proposed Route cannot meet the Project purpose and need, it will not be carried forward in detailed evaluation during EIS preparation.

The Coalition contracted HDR Engineering Inc. (HDR) to provide environmental consulting services in support of the Project. In December 2019, HDR subcontracted SWCA Environmental Consultants (SWCA) to conduct a paleontological analysis of existing data to support environmental analysis under NEPA and to assist the STB, as the lead federal agency.

The initial study methodologies submitted to the STB's Office of Environmental Analysis (OEA) in the spring of 2019 identified a 2,000-foot study area width. When field survey work began in the late spring of 2019 for all resources, the Coalition's consultant (and OEA's third-party consultant) observed that the actual conditions along the alignments, including steep slopes, ridgelines, and other topographical constraints, were constraining field surveys within the 2,000-foot-wide corridor. In fact, in some areas, the corridor extended from the centerline located in one canyon up and over the ridgeline into a different canyon. In response to the consultants' field observations and ongoing coordination with OEA during weekly project update calls, an approximately 1,000-foot study area width was considered practical and feasible in most areas. However, in some areas, the width ranges up to 2,000 feet—for example, where the design team anticipates that a wider earthwork footprint might be needed to traverse the steep slopes with the restrictive railway grades.

The objective of this impact evaluation is to provide the results of an examination of the three proponent-proposed routes: Indian Canyon, Whitmore Park, and Wells Draw (Figure 1). To facilitate the evaluation of the proposed routes and the consideration of effects of any undertaking to paleontological resources after a proposed route is selected, the assessment results have been summarized by proposed route. In some cases, separate proposed routes partially overlap in terms of the geographic area they encompass. As a result of this, some resources fall within multiple proposed routes. The data tables provide totals by proposed route so that the data overlaps are captured in each proposed route. Thus, the resources are listed for each proposed route, even when this results in repetition, to provide complete information about every route. The Craig route is not covered in this analysis because the decision was made not to carry it forward prior to initiation of the paleontological desktop analysis. The routes were created using the area of potential effects, which includes all staging areas, access roads, communication tower locations, and all areas of cut and fill with a 1,000-foot buffer. This total area is defined as the study area.

This report reviews what paleontological resources are and their importance; summarizes current regulations that govern fossil locations, reporting procedures, and collecting; and explains what the Potential Fossil Yield Classification System (PFYC) is and how it is used to access areas of important paleontological resources. The evaluation was accomplished by identifying mapped areas of potentially fossiliferous geologic units through a review of 1:100,000 geologic maps and BLM PFYC designations (Foss 2007). Further evaluation was conducted by summarizing previously recorded localities and research areas obtained through requested record searches and published literature. Finally, standard resource mitigation measures and general Project recommendations are provided.

Route Descriptions

The route corridors discussed in this report are based on geographic information system (GIS) data provided by HDR with the following creation dates:

- Indian Canyon Proposed Route: 11/22/2019 (final data received 11/26/2019)
- Whitmore Park Proposed Route: 02/12/2020 (final data received 2/12/2020)
- Wells Draw Proposed Route: 11/22/2019 (final data received 11/26/2019)

The route study area is the area of potential effects, which include all staging areas, access roads, communication tower locations, and all areas of cut and fill with a 1,000-foot corridor (or 500 feet on either side of the centerline).

Indian Canyon Proposed Route

From west to east, the Indian Canyon Proposed Route begins north of Price in Utah County in Kyune, Utah, near U.S. Route 6 (US 6). It then trends northeast across Duchesne County, paralleling U.S. Route 191 (US 191) through Indian Canyon. South of Duchesne, Utah, it begins to trend east, running parallel with (but south of) U.S. Route 40 (US 40). It terminates southeast of Myton, Utah (Figures 1–6).

The Indian Canyon Proposed Route passes through four counties: Utah, Carbon, Duchesne, and Uintah. Within those four counties, the proposed route corridor is on the following lands:

- Private lands
- Tribal lands
- Public lands regulated by BLM
- Public lands regulated by USFS

- State lands regulated by SITLA

Whitmore Park Proposed Route

From west to east, the Whitmore Park Proposed Route begins north of Price in Utah County in Kyune Utah, near US 6. It then trends east to a point approximately 9 miles northeast of Castle Gate, Utah, at which point it trends northeast across Duchesne County, paralleling US 191 through Indian Canyon. South of Duchesne, Utah, it begins to trend east, running parallel, to the south, with US 40. It terminates southeast of Myton, Utah (see Figures 1–6).

The Whitmore Park Proposed Route incorporates engineering changes intended to address challenging areas along the Indian Canyon Proposed Route identified during the scoping period. The Whitmore Park Proposed Route is similar to the Indian Canyon Proposed Route, with three significant changes:

- Emma Park Road: In an effort to reduce impacts on Indian Head Ranch (based on property owner comments), the proposed alignment has been shifted to run along the Emma Park Road corridor, a pre-existing and previously impacted roadway.
- Whitmore Park: Based on geotechnical survey and property owner feedback, the proposed alignment was changed to bypass 19 property owners and a slide area by introducing a 1-mile-long tunnel. These alterations also resulted in a better crossing over U.S. Highway 191, requiring less fill and resulting in a bridge height closer to standard.
- Duchesne Mini-Ranches: Based on property owner feedback, the proposed alignment was shifted south to bypass all current homes in the subdivision by at least 1,000 feet. This shift allows for similar railroad operation and results in less impacts to property owners and fewer at-grade road crossings.

The Whitmore Park Proposed Route overlaps with the Wells Draw Proposed Route at its west and east ends. On the west end, it overlaps with the Wells Draw Proposed Route from its beginning until approximately 5.5 miles northeast of Castle Gate, Utah, when the routes diverge. It also intersects with the Wells Draw Proposed Route at three points on the east end of the corridor, although the two proposed routes do not coincide for a significant distance on that end.

The Whitmore Park Proposed Route passes through four counties: Carbon, Duchesne, Uintah, and Utah. Within those four counties, the proposed route corridor is on the following lands:

- Private lands
- Tribal lands
- Public lands regulated by BLM (limited to the study area; proposed route does not cross through)
- Public lands regulated by USFS
- State lands regulated by SITLA

Wells Draw Proposed Route

From west to east, the Wells Draw Proposed Route begins north of Price in Utah County, in Kyune, Utah, near US 6. It then trends northeast before running east, starting at a point approximately 12 miles northeast of Castle Gate, Utah, and roughly parallels Nine Mile Canyon Road before running north, north of Argyle Canyon at a point approximately 24 miles northeast of Sunnyside, Utah (which would be accessed by tunneling through the West Tavaputs Plateau). It terminates southeast of Myton, Utah (see Figures 1–3 and 5–8).

The Wells Draw Proposed Route passes through four counties: Utah, Carbon, Duchesne, and Uintah. Within those four counties, the proposed route corridor is on the following lands:

- Private lands
- Public lands regulated by BLM
- State lands regulated by SITLA

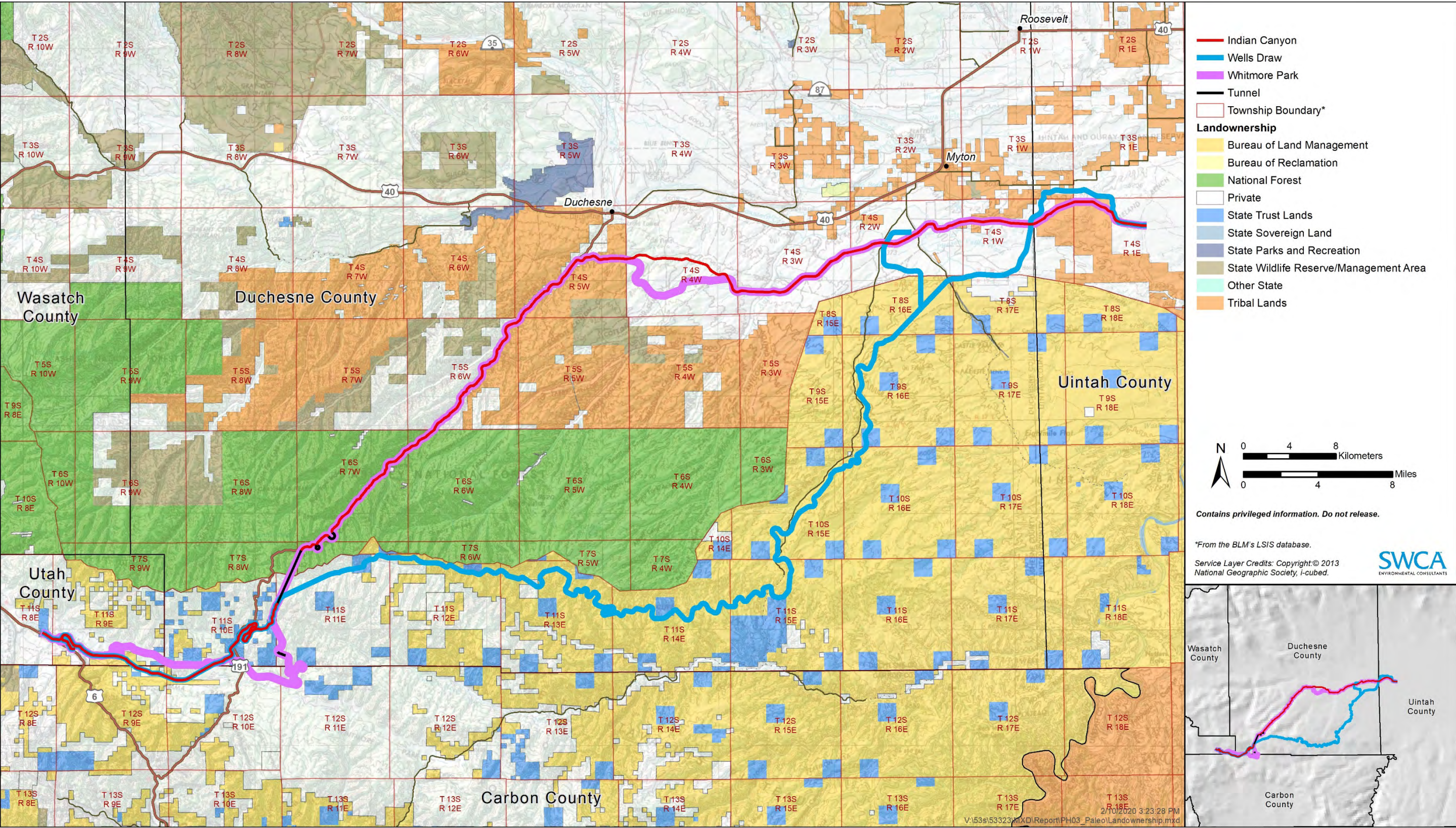


Figure 1. Project overview map.

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DEFINITION AND SIGNIFICANCE OF PALEONTOLOGICAL RESOURCES

Fossils are defined as any fossilized remains, traces, or imprints of organisms preserved in or on the earth's crust. They are considered non-renewable resources because the organisms they represent no longer exist, and such resources, if destroyed, cannot be replaced. As defined by the Paleontological Resources Preservation Act (PRPA), paleontological resources are fossilized remains, traces, or imprints of organisms, preserved in or on the earth's crust, that are of paleontological interest and that provide information about the history of life on earth. Paleontological resources may include bones, teeth, shells, traces, leaves, and wood.

Fossils are important scientific and educational resources that paleontologists use to study taphonomic processes. Paleontologists also use the morphologic information that fossils provide to reconstruct phylogenetic relationships of extinct and extant organisms; to study evolution, extinction, and speciation patterns; to reconstruct ancient environments and paleobiogeographic relationships; and to provide relative geologic dates through biochronology and biostratigraphy. As objects of national significance, paleontological resources must be preserved for the inspiration and benefit of the people of the United States. The value of fossils may be greatly diminished or lost entirely in the absence of proper management. The BLM, USFS, and State of Utah recognize their responsibility to manage and protect that part of the fossil record that occurs on public land as a national legacy for future generations.

The BLM's *Assessment and Mitigation of Potential Impacts to Paleontological Resources* defines a significant paleontological resource as

Any paleontological resource that is considered to be of scientific interest, including most vertebrate fossil remains and traces, and certain rare or unusual invertebrate and plant fossils. A significant paleontological resource is considered to be scientifically important because it is a rare or previously unknown species, it is of high quality and well-preserved, it preserves a previously unknown anatomical or other characteristic, provides new information about the history of life on earth, or has identified educational or recreational value... Vertebrate fossil remains and traces include bone, scales, scutes, skin impressions, burrows, tracks, tail drag marks, vertebrate coprolites (feces), gastroliths (stomach stones), or other physical evidence of past vertebrate life or activities. (BLM 2008)

With the passage of PRPA and BLM's updated *Potential Fossil Yield Classification (PFYC) System* (BLM 2016), it is appropriate to also consider a more general criterion. Fossils are considered scientifically important if one or more of the following criteria (modified from Scott and Springer 2003) are met:

- The fossils provide data on the evolutionary relationships and developmental trends among organisms, both living and extinct.
- The fossils provide data useful in determining the age(s) of the rock unit or sedimentary stratum, including data important in determining the depositional history of the region and the timing of geologic events therein.
- The fossils provide data regarding the development of biological communities or interaction between paleobotanical and paleozoological biotas.
- The fossils demonstrate unusual or spectacular circumstances in the history of life.

- The fossils are in short supply and/or in danger of being depleted or destroyed by the elements, vandalism, or commercial exploitation, and are not found in other geographic locations.

Paleontological resources that may not have paleontological significance or be considered not scientifically important are those that lack provenience or context, that lack physical integrity because of decay or natural erosion, or that are overly redundant or are otherwise not useful for research (BLM 2016; Murphey et al. 2019).

AUTHORITIES AND STANDARDS

SWCA conducted the paleontological impact evaluation, consisting of a literature and records search, to provide guidance in determining the paleontological resources present along the proposed alignments. Various laws, regulations, and standards govern how fossils on public lands may be collected and preserved. It is expected that the Surface Transportation Board (STB) would be the lead agency for the NEPA analysis; however, they do not have their own paleontological guidelines or standards. Although the study area crosses state, federal, tribal, and private land, this impact evaluation uses the BLM's *Paleontology Resources Management Manual and Handbook* (BLM 1998) and *Instructional Manuals Assessment and Mitigation of Potential Impacts to Paleontological Resources* (BLM 2008), *Confidentiality of Paleontological Locality Information Under the Omnibus Public Lands Act of 2009, Title VI, Subtitle D on Paleontological Resources Preservation* (BLM 2012), and *Potential Fossil Yield Classification (PFYC) System* (BLM 2016) and mitigation paleontological best practices (Murphey et al. 2019). These documents, which provide general procedural guidelines for the management of paleontological resources, are frequently used by other federal and state agencies lacking detailed guidelines. Even though management objectives—which include things such as locating, evaluating, managing, and protecting paleontological resources—or the implementation of the objectives may vary between agencies, this document provides appropriate guidance and information for an impact evaluation analysis.

The various laws, regulations, and standards that govern how fossils in Utah may be collected and preserved for future generations are described below.

Bureau of Land Management

The National Environmental Policy Act of 1970 (Public Law [PL] 91–190; 31 Stat. 852; 42 United States Code [USC] 4321) requires the consideration of important natural aspects of our national heritage during the assessment of the environmental consequences of any proposed project. In addition, the Federal Land Management and Policy Act of 1976 (PL 94–579; 90 Stat. 2743; USC 1701–1782) authorizes the BLM to issue permits and requires the management of public land in a manner that will protect the quality of their scientific value.

In 2009, the PRPA became law; the PRPA is codified in Title VI of the Omnibus Public Lands Management Act of 2009 (PL 11–011, VI, Subtitle D). The PRPA states that the Secretaries of the U.S. Department of the Interior and the U.S. Department of Agriculture shall use scientific principles and expertise to manage and protect paleontological resources on federal land (Section 6302). The PRPA incorporates many of the recommendations of the Secretary of the Interior's May 2000 report, *Assessment of Fossil Management on Federal and Indian Lands* (U.S. Department of the Interior 2000), which details actions to formulate a consistent paleontological resources management framework. With the passage of the PRPA, Congress defined paleontological resources and reaffirmed that paleontological resources collected from federal land are federal property. The PRPA provides the following:

- Requires the establishment of a program to increase public awareness about the significance of paleontological resources
- Defines casual collecting
- Establishes minimum requirements for paleontological resource–use permit issuance (terms, conditions, and applicant qualifications)
- Establishes criminal and civil penalties for the illegal sale, transport, theft, or vandalism of paleontological resources from federal land; required forfeiture of these paleontological resources; and option to provide rewards for information that leads to the finding of a civil violation or conviction of a criminal violation
- Establishes requirements for curation of paleontological resources in approved repositories
- Specifies that information concerning the nature and specific location of a paleontological resource is exempt from disclosure under 5 USC 552 and any other law unless otherwise specified

The PRPA is consistent with the existing policies of many involved agencies, including BLM.

U.S. Forest Service

The USFS implemented provisions of the PRPA within 36 CFR 291. Based on this regulation, paleontological resources are fossilized remains, traces, or imprints of organisms preserved in or on the earth's crust that are of paleontological interest and provide information about the history of life on earth. Paleontological resources do not include materials associated with an archaeological resource, as defined in Section 3(1) of the Archaeological Resources Protection Act of 1979 (16 USC 470bb[1]), or a cultural item, as defined in Section 2 of the Native American Graves Protection and Repatriation Act (25 USC 3001).

The USFS has systems in place to assess and document paleontological resources on National Forests; however, the BLM's PFYC system was used for the entire Project and separate Paleontological Resources Rapid Assessment System values are not provided.

The USFS defines significant finds using criteria outlined in the *Training Guide for Management of Paleontological Resources* (USFS 2005). The USFS defines significant paleontological resources as those possessing scientific importance due to distinguishing characteristics of identity, context, or preservation. Significant paleontological resources include invertebrate, plant, and vertebrate fossils that further paleontological knowledge about the history of life on earth. Scientific importance may be attributed to the actual fossil specimen, to fossil context (location in time and space, intimate association with other evidence of scientific significance), or to fossil preservation. A U.S. Department of Agriculture Forest Service Authorization for Paleontological Resources Research or Collection Permit is required prior to conducting paleontological resource investigations on USFS land.

State of Utah Authorities

Utah State Code 79-3-501–79-3-510 states that paleontological resources are important and require the preservation of critical fossil resources on state land. The code mandates people removing or excavating significant fossils on state land be qualified and permitted under joint jurisdictional cooperation from the Utah Geological Survey, Utah Museum of Natural History, and the SITLA. Utah State Code 53B-17-603 also requires significant fossils be curated by an approved and qualified institution.

Tribal Lands Ute and Ouray Tribal Standards

Tribal lands have their own individual requirements for paleontological resource management. The Ute Tribe typically requires paleontological assessments of project areas on their land where there is potential for important paleontological resources. The appropriate officials must be contacted and where applicable, permits obtained prior to paleontological surveys or collection on these lands. Paleontological resources on private lands within a tribal reservation are the property of the landowner. The Ute Tribe typically prefers that fossils be left in place and avoided by surface disturbing projects, as opposed to collection.

ASSESSMENT OF PALEONTOLOGICAL POTENTIAL

BLM has assigned a PFYC ranking (Classes 1–5) to each geologic unit (formation, member, or other distinguishable unit) at the most detailed mappable level based on the taxonomic diversity and abundance of previously recorded scientifically significant paleontological resources associated with the unit and the potential for future discoveries, with a higher class number indicating higher potential (BLM 2016). Additional rankings are provided for geologic units of unknown potential (U), water (W), and ice (I). The PFYC system is not intended to be applied to specific paleontological localities or small areas within units. Although significant localities may occasionally exist in a geologic unit, a few widely scattered important fossils or localities do not necessarily indicate a higher class; instead, the relative abundance of significant localities is intended to be the major determinant for the class assignment. The PFYC system provides baseline guidance for predicting, assessing, and mitigating paleontological resources in areas of development. Previously published geologic maps (Bryant 2010; Sprinkel 2007; Weiss et al. 2003) and BLM data (Foss 2007) indicate that at least 24 geologic units underlie the proposed routes. Table 1 provides a full list of the geologic units, along with the miles of each crossed by the three proponent-proposed routes. These units, in approximate ascending stratigraphic order, include six major formations in the Paleocene and upper Cretaceous—the Flagstaff Limestone and North Horn Formations, and the Eocene-age Colton, Uinta, Green River, and Duchesne River Formations—as well as 13 surficial deposits of Pleistocene to Holocene age. Using the PFYC system, the BLM previously ranked these geologic units to highlight areas with the potential to contain paleontological resources. The six major formations listed previously in this paragraph are considered to have moderate to very high paleontological potential (PFYC Classes 4–5) because they are known to contain scientifically significant fossils of plants, invertebrates, and vertebrates, including amphibians, birds, reptiles, insects, and mammals. The PFYC values for all are provided in Table 1 and on Figure 2 and the geologic units are depicted on Figures 3–8. The potential of these geologic units to contain paleontological resources was determined by using the BLM PFYC designations previously made by the regional paleontologist (Foss 2007) and the results of the literature and records searches conducted. Fossils typically found in the geologic units within the study area are summarized in Table 1, and a more detailed description of each is provided in the Literature Review section.

Table 1. Mapped Geologic Units Crossed by the Study Area

Geologic Unit	Map Symbol	Age	Typical Fossils	BLM PFYC	Linear Miles (excluding tunnel sections)		
					Indian Canyon	Whitmore Park	Wells Draw
Alluvium and colluvium, mixed; mixed alluvium and eolian; flood-plan and channel alluvium	Qac, Qae, Qal	Holocene	Holocene deposits are too young to contain in-situ fossils.	2	2.52	2.52	5.33
Alluvial-fan deposits; alluvium; Piedmont alluvium, undivided	Qaf; Qa, Qal; Qa	Quaternary; Pleistocene and Holocene	Pleistocene deposits may contain mineralized or partially mineralized remains; Holocene deposits are too young to contain in-situ fossils.	2	22.05	22.28	5.55
Landslide deposits	Ql	Quaternary	Pleistocene deposits may contain mineralized or partially mineralized remains; Holocene deposits are too young to contain in-situ fossils.	2	3.33	0.03	6.07
Glacial outwash deposits of pre-Bull Lake age	Qgpb	Pleistocene	Pleistocene deposits may contain mineralized or partially mineralized remains.	2	6.12	6.12	1.77
Older pediment deposits	Qop	Pleistocene	Pleistocene deposits may contain mineralized or partially mineralized remains.	2	0.00	0.00	8.06
Pediment mantle	QTpm	Miocene? to Holocene	Miocene, Pliocene, and Pleistocene deposits may contain mineralized or partially mineralized remains; Holocene deposits are too young to contain in-situ fossils.	2	0.28	0.44	0.28
Uinta Formation; upper, lower, B, and C members	Tuu, Tul, Tub, Tuc	Eocene	Mammals including primates, chalicotheres, uintatheres artiodactyls, and perissodactyls; reptiles including many types of turtles and fish.	5	15.77	17.57	15.40
Green River Formation, middle and lower members	Tgm, Tgl	Middle to Upper Eocene	Insects and plants. Includes various fish, gar fish scales common, turtles, crocodiles and alligators, birds, many types of mammals, and varieties of snails and clams.	3, 4 locally	2.58	3.21	4.08
Green River Formation; saline facies and upper member	Tgs, Tgu	Eocene	Plants and insects. Vertebrates including rays, primates, rodents, and <i>Hyracotherium</i> (an early horse).	3 to 4	4.89	4.89	31.09
Green River Formation, sandstone and limestone facies	Tgsl	Middle to Lower Eocene	Contains numerous stromatolites. Vertebrates (fishes, amphibians, reptiles, bird, and mammals), invertebrates (insects, arthropods, and mollusks), plants, and ichnofossils.	3 to 4	5.69	5.15	12.68
Colton Formation	Tc	Paleocene to early Eocene	Fresh water mollusks, ostracods, and charophytes.	3	14.65	20.73	14.64
Flagstaff Limestone and North Horn Formation	TKfn	Paleocene and Upper Cretaceous	From the North Horn dinosaurs including ceratopsia, hadrosaurid and titanosaurid sauropods, crocodilia, testudines, teiid lizard, and two mammal localities that include a marsupial. Flagstaff Limestone is known for a gastropods and pelecypods assemblage.	4	0.85	0.26	0.85

Sources: Bryant (2010); Foss (2007); Sprinkel (2007); Weiss et al. (2003)

Note: Geologic units are listed approximately in descending stratigraphic order from youngest to oldest. Mileage is approximate and may be overestimated in some cases because of overlap between digital geologic map polygons.

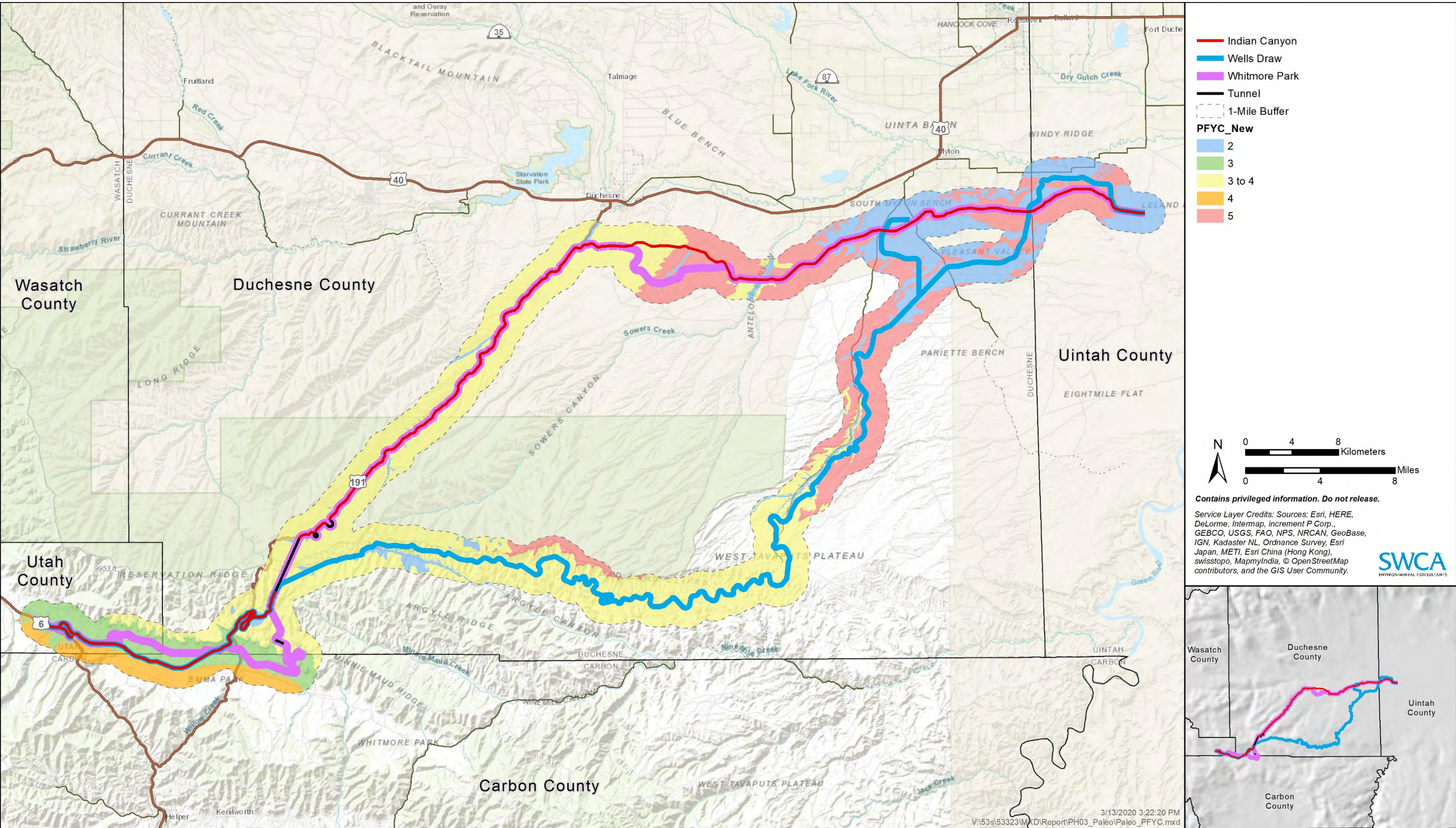


Figure 2. Project PFYC overview (modified from Foss 2007).

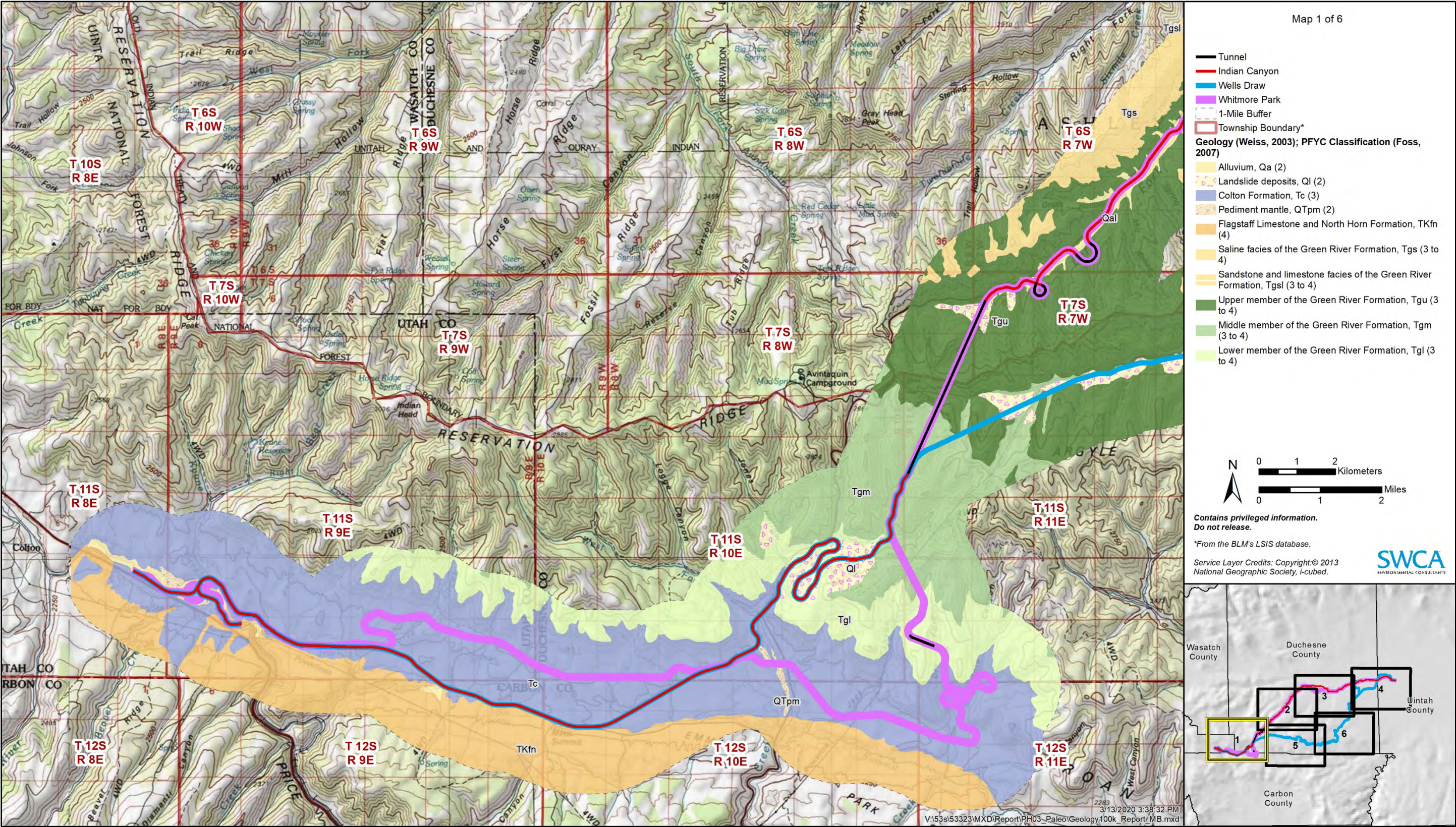


Figure 3. Geologic formations for the southernmost portion of the Indian Canyon, Whitmore Park, and Wells Draw Proposed Routes.

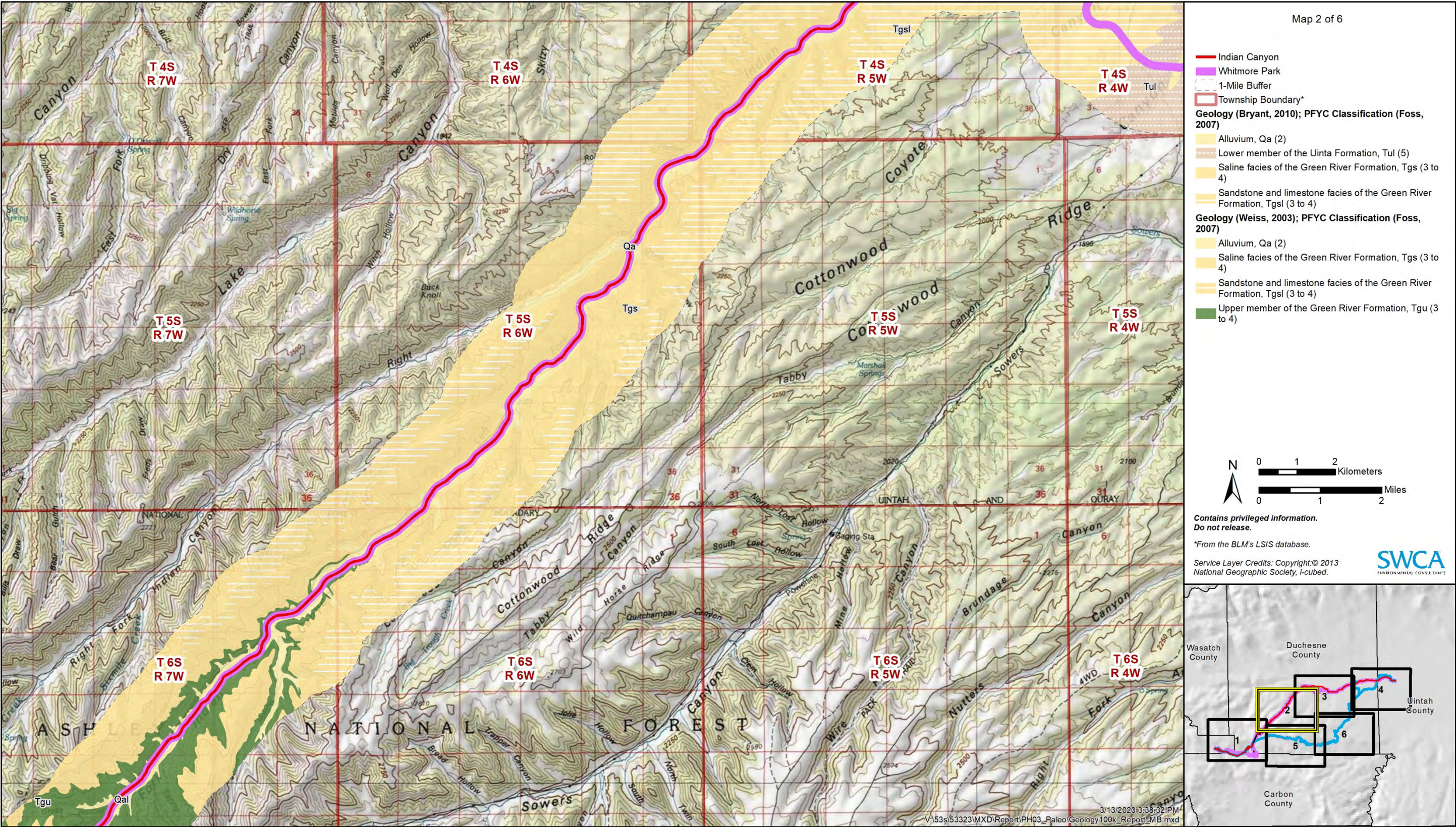


Figure 4. Geologic formations for the south central portion of the Indian Canyon and Whitmore Park Proposed Routes.

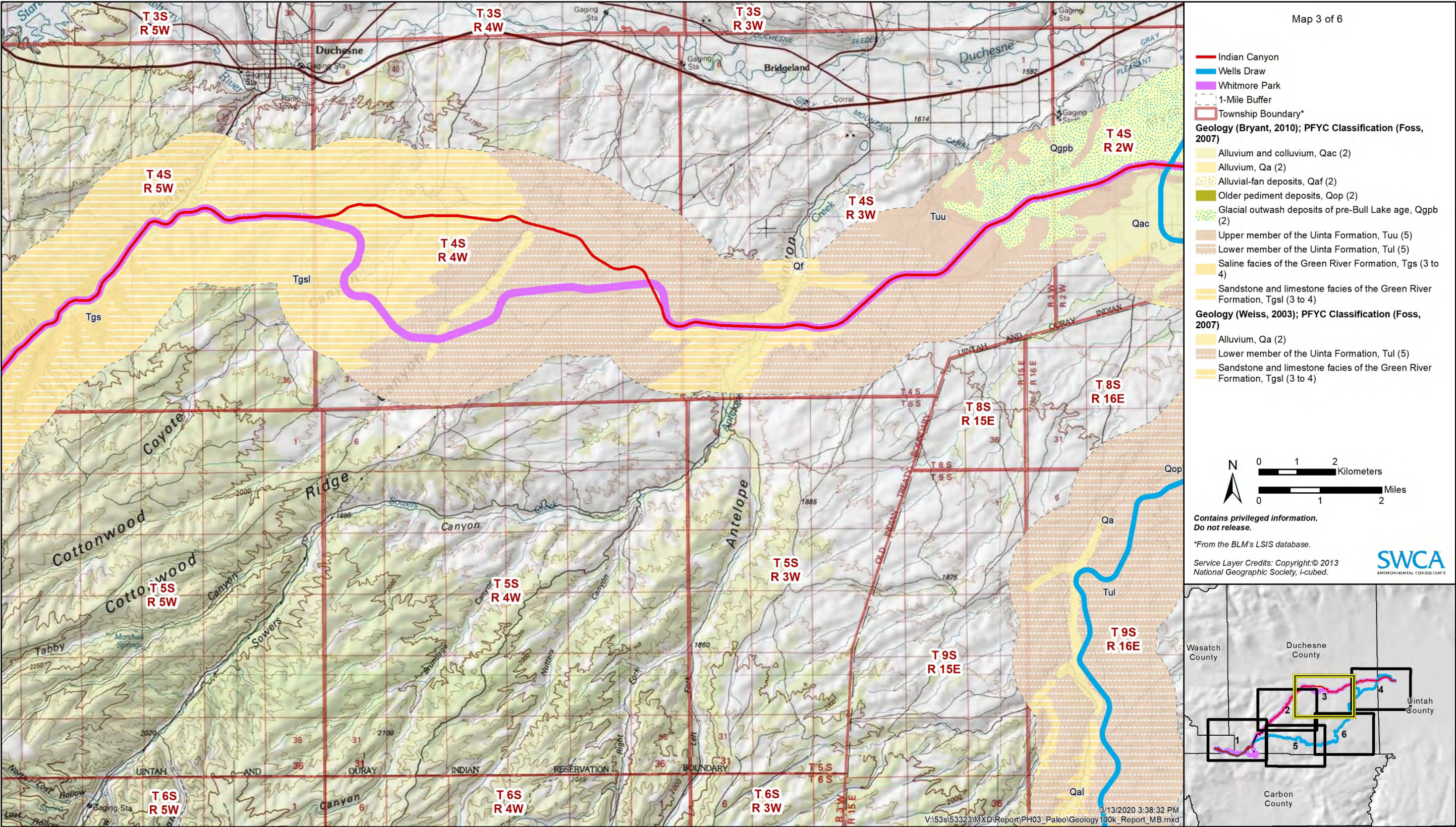


Figure 5. Geologic formations for the north central portion of the Indian Canyon, Whitmore Park, and Wells Draw Proposed Routes.

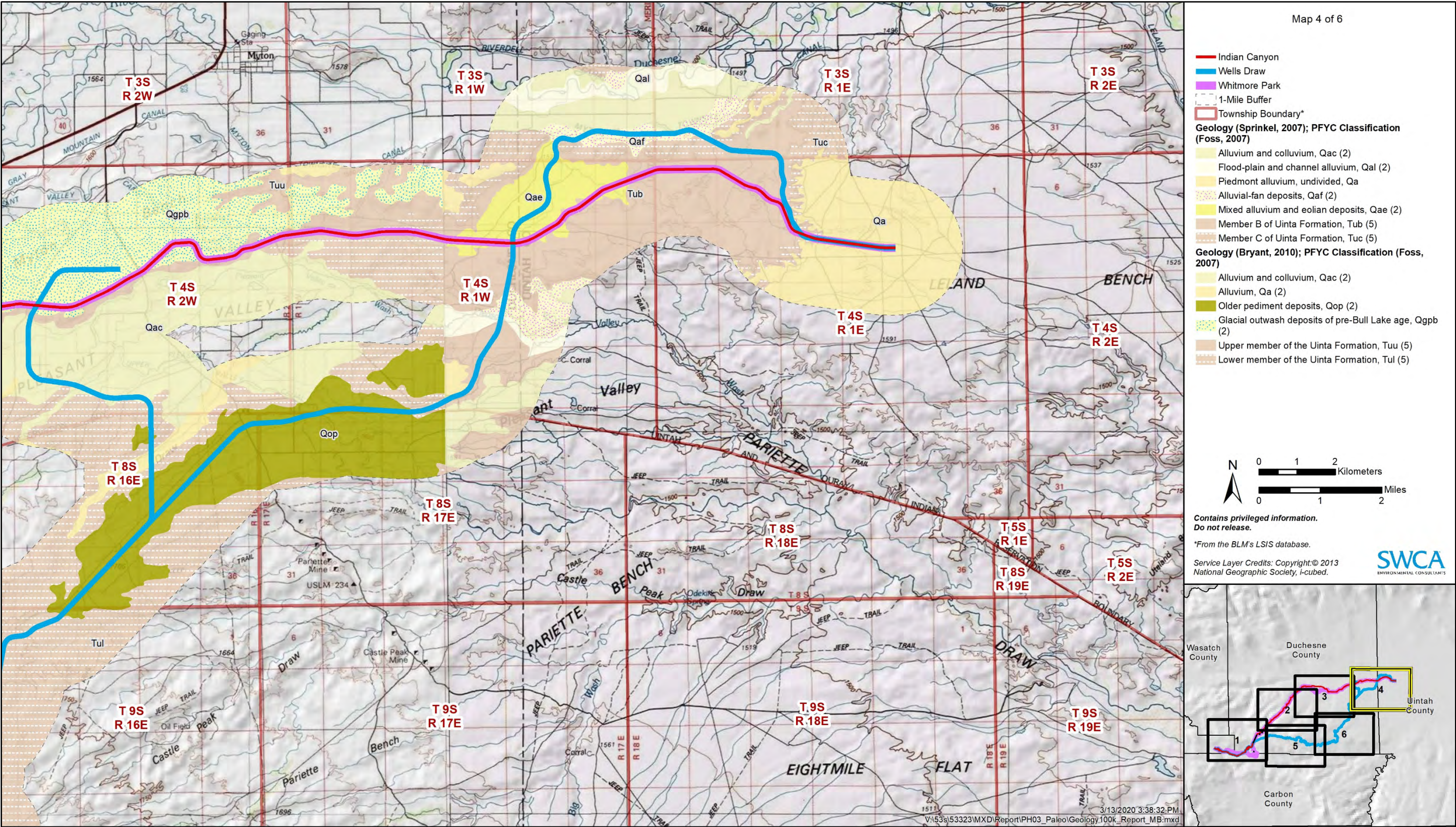


Figure 6. Geologic formations for the northernmost portion of the Indian Canyon, Whitmore Park, and Wells Draw Proposed Routes.

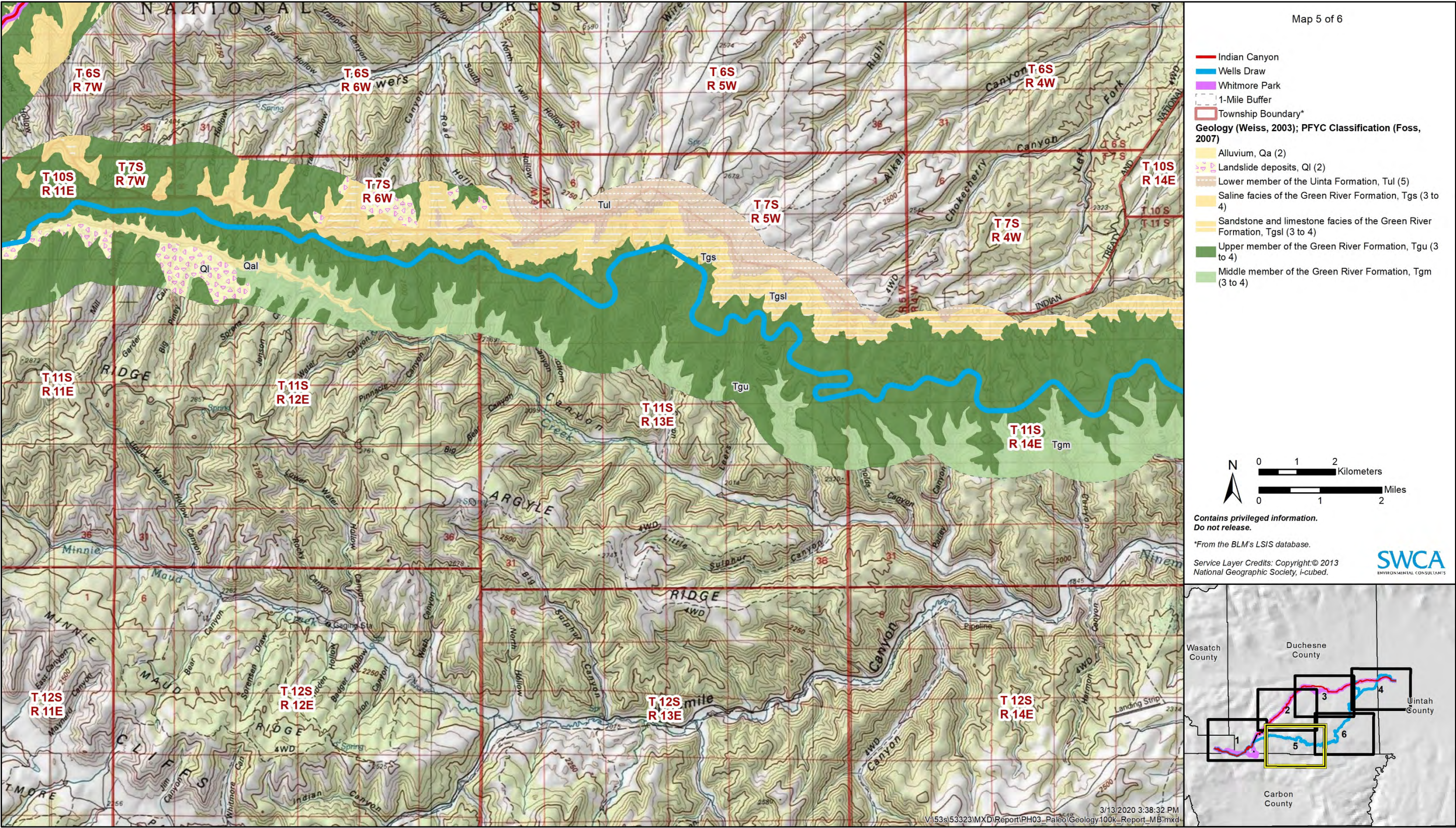
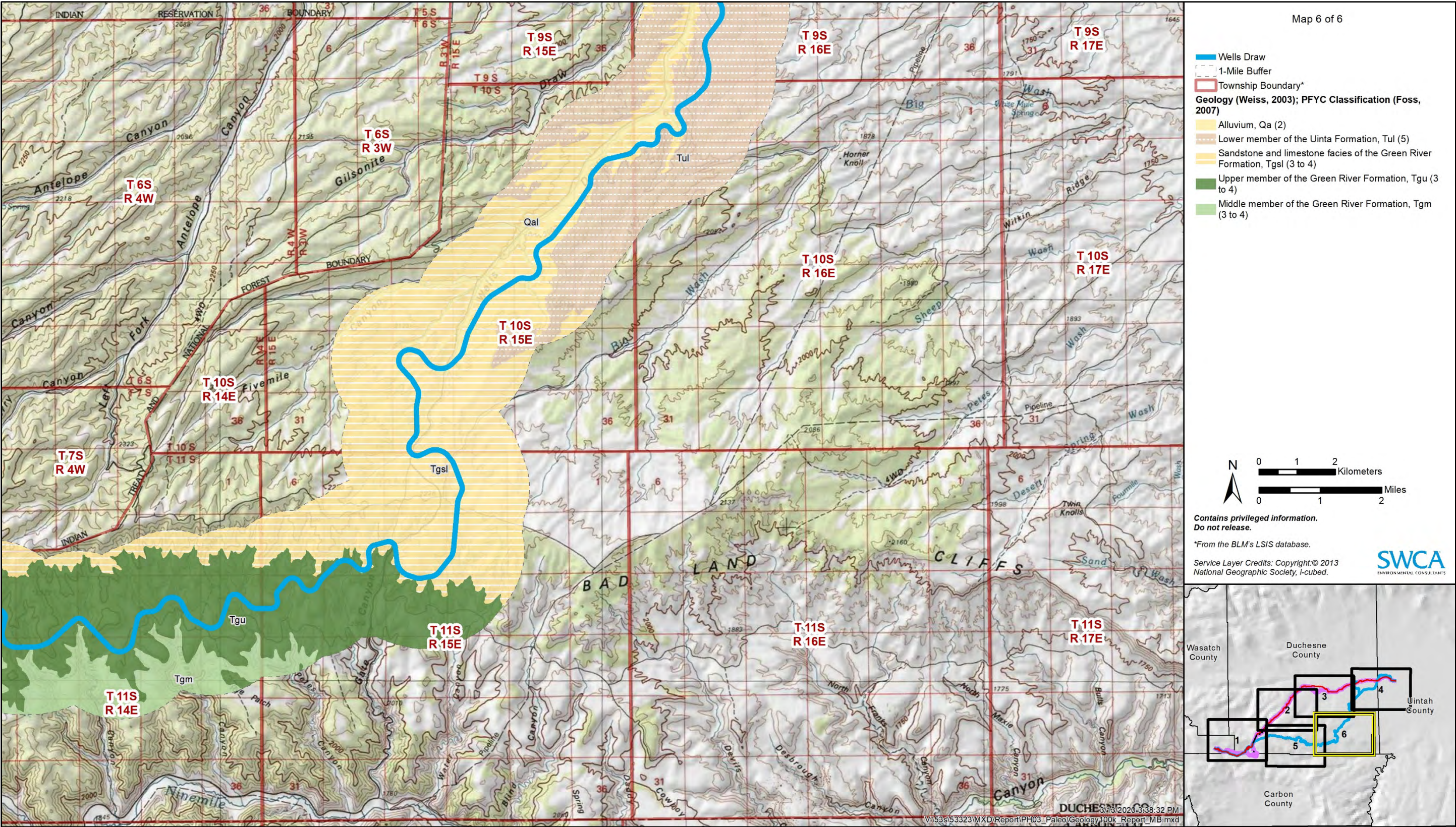


Figure 7. Geologic formations for the south central portion of the Wells Draw Proposed Route.



Records Search

SWCA requested paleontological records from the Utah Geological Survey to determine whether any previously recorded fossil localities occur in the study area, assess the potential for disturbance of these localities during construction, and evaluate the paleontological sensitivity of the study area. More detailed locality data was requested for localities within 500 feet of a proponent-proposed route and provided by Hayden (2019). The Utah Geological Survey database has 2,478 (BLM = 68, USFS = 1, Tribal = 2,380, State = 8, Private = 21) recorded fossil localities within 1 mile of the study area. Appendix A summarizes paleontological information about these previous localities; however, due to the high number of localities, details for only those within ½ mile (N = 1,705) are included. The majority (N > 2,431) of these localities were documented in the Uinta Formation, unit B. Table 2 provides an overview of the number of localities within the analysis layer by proposed route.

Table 2. Number of Previously Recorded Paleontological Localities Summarized by Proponent-Proposed Routes

	Indian Canyon Proposed Route	Whitmore Park Proposed Route	Wells Draw Proposed Route
Number of localities in 1 mile of the study area	2,396	2,396	1,596
Number of localities in the study area	372	371	13
Number of important localities in the study area	~59	~57	~7
Number of private localities in the study area	2	2	2
Number of federal localities in the study area	1	1	9
Number of state localities in the study area	2	0	2

Note: The high number of localities associated with the Indian Canyon and Whitmore Park Proposed Routes is due in part because they pass through tribal lands where extensive block paleontological surveys for oil and gas development projects were conducted in a portion of the study area.

Literature Review

The Uinta Basin Railway Project crosses from the interstate railway network in Price Canyon, over the mountains in the Ashley National Forest, and into the Uintah Basin. North of the basin, the east-west-trending Uinta Mountains were uplifted during the Rocky Mountain-forming Laramide orogeny (Rasmussen et al. 1999) in the Paleocene epoch (Stokes 1986), exposing Paleozoic-age rocks in the core of the mountains and Mesozoic-age rocks along their flanks. In conjunction with the uplift, the southerly, adjacent, synclinal Uinta Basin formed (Rasmussen et al. 1999). From the Paleocene to the middle Eocene, sediments from freshwater lakes and water from river channels, river deltas, and floodplains filled the basin with sediments and accompanying fossils (Stokes 1986; Townsend 2004). From oldest to youngest, these rock units consist of the North Horn, Flagstaff Limestone, Colton, Green River, and Uinta Formations. Pleistocene-aged and Holocene-aged sediments deposited by rivers, streams, gravity, and wind overlie the bedrock geologic units in valleys and floodplains.

The following sections provide a summary of the geological and paleontological information for the geologic units crossed by proponent-proposed routes with moderate to very high potential to contain paleontological resources (PFYC 3, 4, and 5) and a brief overview of Quaternary units, which have low potential for containing important paleontological resources.

North Horn Formation

The Upper Cretaceous to Paleocene North Horn Formation varies in lithology and is divided into three informal units. In central Utah, the North Horn lies between the overlying Flagstaff Limestone and the unconformable underlying Price River Formation (Witkind and Weiss 1991). The type locality is on North Horn Mountain in Emery County where a 1,650-foot-thick section was measured and described. Thickness ranges from 500 to 3,000 feet (Olsen 1995; Witkind and Weiss 1991). Fluvial and lacustrine in origin, the red to reddish-brown to brown mudstone, claystone, sandstones, conglomeratic sandstone, and basal conglomerate with sparse freshwater limestone North Horn lithologies alternate irregularly.

The most commonly observed taxon is the upper Cretaceous teiid squamate *Polyglyphanodon* (Cifelli et al. 1999; Gilmore 1946), whereas dinosaur taxa include theropods, ceratopsian (Sampson and Loewen 2005) and titanosaurid sauropod *Alamosaurus* (Cifelli et al. 1995). Gilmore (1946) reported crocodiles, turtles, and fish in the basal units. The North Horn Paleocene-age faunas are diverse with more than 70 taxa and include the Gas Tank, Wagon Road, and Dragon local faunas. Identified taxa include chondrichthyes and osteichthyes (fish), turtles, crocodiles, lizards, and frogs, as well as mammals that include numerous multituberculates, eutheria (Cifelli et al. 1999) and a juvenile marsupial mammal (Cifelli and De Muizon 1998). In Emery County, pterosaur and bird tracks from the same stratigraphic horizon have been studied by Lockley (1999). Dinosaur eggs and eggshell were named and described by Bray (1999). A microsite in Pete's Canyon has yielded charophytes (green algae) and ostracods (Lawton et al. 1993), and these along with pollen (Difley and Ekdale 1999) are used to study the Cretaceous-Paleogene (K-Pg) boundary.

Flagstaff Limestone

The late Paleocene-Eocene age Flagstaff Limestone, named for Flagstaff Peak in Sanpete County (Utah), extends from the Wasatch Plateau to Desolation Canyon in Uintah County, Utah (Fouch 1976; Fouch, Hanley, et al. 1987; Spieker 1946; Weiss et al. 1990). The nomenclature has undergone numerous changes since first being described by Spieker and Reeside (1925). Spieker placed the lacustrine Flagstaff limestone within the Wasatch Formation on the Wasatch Plateau, but others found the unit more closely related to the Green River Formation in the Uinta Basin. The Flagstaff was, for a time, designated as the basal member of the Green River Formation overlying the North Horn Formation based on nonmarine mollusks (Fouch et al. 1987).

In the project area, the Flagstaff Limestone intertongues with the upper part of the North Horn Formation, and the units are mapped undivided (Fouch, Hanley, et al. 1987; Fouch, Lawton, et al. 1983; Weiss et al. 1990). The dense, dark gray to gray, thin-bedded limestone ranges in thickness from 100 to 1,100 feet thick (Weiss et al. 1990; Witkind 1995), the unit is thicker in the northwest area of the Book and Roan Cliffs and thins to the south to southeast.

Fossils include gastropods and pelecypods (Fouch 1976; Spieker 1946; Weiss et al. 1990). La Rocque (1960) described the molluscan fauna which included four new species. The total Flagstaff molluscan fauna included five freshwater pelecypods, 24 freshwater gastropods, and eight land gastropods (La Rocque 1960).

Colton Formation

The upper Paleocene to Lower Eocene Colton Formation is a succession of fluviodeltic strata, mostly fluvial with units of marginal lacustrine and deltaic lithofacies (Dickinson et al. 2012; Marcantel and Weiss 1968; Witkind 1995). The type locality was named by Edmund Spieker (1946) for exposures near Colton, Utah, in Township 11 South, Range 8 and 9 East. The main body of the Green River Formation

overlies the Colton Formation, but the underlying unit varies across the Uintah Basin. In many places the Colton Formation interfingers with the main body of the Green River Formation and the Flagstaff Limestone underlies the unit (Fouch 1976; Spieker 1946); yet on the south flank of the Uinta Basin, it is underlain by the Tuscher Formation, and in the far southwest San Pitch Mountains, it is underlain by the North Horn Formation (Dickinson et al. 2012). Sediments are tan to red channel sandstones that are cross-bedded with interbedded floodplain, dark-reddish-brown to green mudstone and shaly siltstone, sparse limestone (Witkind 1995), and a basal, 10- to 50-meter-thick of pebble conglomerate (Spieker 1946). The formation, 660 to 1,170 feet thick in the northwest portion of the Price quadrangle, thickens southward to 1,650 to 2,770 feet thick in the south-central and southeast portion of the quadrangle (Witkind 1995).

Spieker (1946) mentions that palynomorph, ostracod, and charophyte assemblages place the Colton as late Paleocene and early Eocene age in the western and central Uinta Basin (Fouch 1976). Marcantel and Weiss (1968) reported that ostracods, pelecypods, and gastropods occur in the freshwater carbonate and shales in the lower interval of the Colton Formation on Gunnison Plateau, but that the unit is generally poorly fossiliferous.

Green River Formation

The Green River Formation is an amalgamation of lacustrine-originated shale, marlstone, sandstone, oolitic limestone, and oil shale representing different lateral and stratigraphic facies. The lake system that formed the Green River Formation is divided into three large lakes: Lake Uinta, Lake Gosiute, and Fossil Lake. The southern Lake Uinta extended across the Uinta and Piceance Creek Basins in eastern Utah and western Colorado. The northern Lake Gosiute extended across the Green River and Washakie Basins in Wyoming. The smaller Fossil Lake is found only in the Fossil Basin, including Fossil Butte National Monument in southwestern Wyoming. Typical lithologies of the Green River Formation in the Uinta Basin include soft to moderately resistant, light-gray and buff marlstone, oil shale, limestone, siltstone, sandstone, conglomerate, and tuff (Rowley et al. 1985). Due to the depositional variability, the Green River Formation has many divisions with various names in Utah, Wyoming, and Colorado. In the Project area, the Green River Formation is divided into the saline facies and sandstone facies; and the upper, middle, and lower units (central and western fringes of Lake Uinta).

The Green River Formation is rich in fossil fauna and flora. Freshwater varieties of snails and clams are locally abundant in the Green River Formation, especially along the margins of the lakes (Hanley 1976). *Viviparus* and *Goniobasis* represent the two most common snails (gastropods) from the Green River Formation.

MacGinitie (1969) reviewed the megaf flora of the Green River Formation (mostly from collections made in Lake Uinta deposits of Utah and Colorado), identifying numerous leaves indicative of a mix forest of pine, poplar, oak, hackberry, maple, sycamore, bald cypress, and sumac, with occasional large palm fronds of *Sabalites*. Near-shore environments preserve horsetails, cattails, water lilies, and willows (Grande 1984; MacGinitie 1969). Boucher et al. (2003) described exceptional flowers and fruit from the Green River Formation near Bonanza, Utah.

The Green River Formation preserves one of the world's richest records of fossil insects. Body fossils of insects are extremely diverse and common in the Green River Formation, representing more than 300 species (Cockerell 1921; Grande 1984 and cited references; Wilson 1978). Fossil insects include dragonflies, cockroaches, crickets, grasshoppers, stink bugs, aphids, beetles, mosquitoes, gnats, flies, moths, butterflies, wasps, ants, arachnids such as spiders and ticks, and many other groups (Grande 1984).

Vertebrate fossils include turtles, crocodiles and alligators, fish, birds, and mammals. Fish fossils are well known from the Green River Formation. While *Knightia eocaena* and *Lepisosteus* (gar) scales are the best

known, a diverse fish fauna of at least 12 fish genera, as well as the freshwater stingray *Heliobatis*, have been recorded (Grande 1984). Green River Formation turtle diversity was exceptionally diverse and includes the pond turtle *Echmatemys*, the soft-shelled turtles of the Family Trionychoidae, the large *Baptemys*, *Anosteira*, and 11 other genera of turtles (Hutchison 1994). Seven genera of crocodiles and alligators are represented by fossilized teeth, osteoderms, and some skeletal remains (Conrad 2006; Conrad et al. 2007).

Mammalian fossils of the Green River represent a diverse fauna including apatotheres, artiodactyls, carnivores, bats (Simmons and Geisler 1998), condylarths, dermopterans, insectivores, marsupials, pantodonts, primates, and rodents (Froehlich and Breithaupt 1998; Gunnell 1997, 2003; Gunnell and Bartels 1994, 1999; Zonneveld et al. 2000).

Uinta Formation

Named by Marsh (1871), the middle Eocene-age Uinta Formation has since been subdivided by geologists and paleontologists into three horizons (A, B, and C), from stratigraphically lowest to highest. The A and B horizons represent the Wagonhound Member of the Uinta Formation, and the C horizon represents the Myton Member. The mudstone- and claystone-dominated horizons (B and C) contain many well-preserved fossil-remains, whereas fossils recovered from the sandstone-dominated horizon (A) are rare and not as well preserved (Rasmussen et al. 1999; Townsend 2004; Townsend et al. 2006; Walsh 1996).

Lithologically, the Uinta Formation consists of greenish-gray, reddish-brown, yellow, grayish-orange, and purple fluvial and lacustrine shale marlstone, siltstone, and sandstone beds, which are locally tuffaceous (Cashion 1973; Dane 1954; Rowley et al. 1985). In general terms, the Uinta Formation conformably overlies and interfingers with the Green River Formation in the Uinta and Piceance Creek Basins, and it is overlain by the Duchesne River Formation in the Uinta Basin.

One important locality, Myton Pocket, is partially located in the Project area. It was originally discovered in 1912 by O.A. Peterson with additional work in the following century by paleontologists and geologists from multiple institutions including Princeton University, United States National Museum, Carnegie Museum, Utah Field House, and Brigham Young University (Hamblin 1987).

The Uinta Formation preserves a taxonomically diverse fossil record extending from approximately 46.5 to 40.0 million years ago (Prothero 1996). Many fossil mammals have been recorded including the carnivorous mammals *Mesonyx* and *Harpagolestes*, and members of the Mesonychidae (Peterson 1931; Scott 1888); the six-horned saber-toothed beasts called uintatheres (Wheeler 1961); a small fossil mammal called *Apatemys*; and some of the last remaining primates from North America (Townsend 2004), including the omomyids *Macrotarsius*, *Ourayia*, and *Trogolemur*, and the more recently described *Chipetaia* (Rasmussen 1996). The small-bodied hyaenodontid creodonts co-occur with early ancestors of modern cats and dogs, including *Procynodictis*, *Tapocyon*, and *Prodaphaenus*, in the Uinta Formation (Flynn and Galiano 1982; Townsend 2004). Other fossil mammals known from the Uinta Formation include a diversity of rodents representing six families (Robinson et al. 2004) and the primitive North American rabbit *Mytonolagus* (Dawson 1970). The Uinta Formation also preserves an excellent record of the early diversification of artiodactyls (even-toed ungulates), including the early camel *Poebrodon* and the deer-like *Leptotragulus* (Gazin 1955). Remains of perissodactyls are equally diverse, including the early chalicothere *Eomoropus*, the early rhino *Amynodon*, the tapiriod *Colodon*, the early horse *Epihippus* (Granger 1908), as well as numerous large brontotheres (Osborn 1929; Riggs 1912).

More common than mammal fossils, reptile remains from the Uinta Formation include a rich record of turtles, *Baena*, *Echmatemys*, and *Trionyx* (Hutchison 2002); fossil teeth, bones, and osteoderms of ancient crocodiles; and gar (fish) scales are known as well.

Surficial Deposits

Various types of surficial sediments of Quaternary age locally mantle Eocene age bedrock units (Green River, Uinta, and Duchesne River Formations) in the Uinta Basin. These sediments, which include pediment deposits, sand dunes, alluvium, colluvium, landslides, and sheetwash, have low paleontological sensitivity because they only rarely contain scientifically important fossils in the Uinta Basin.

POTENTIAL IMPACTS TO PALEONTOLOGICAL RESOURCES

In general, surface-disturbing actions have the potential to result in adverse impacts on surface and subsurface paleontological resources in rock units and overlying sediments known to contain such resources. Direct impacts include destruction due to breakage and crushing as the result of surface and subsurface disturbance, as well as the potential for uncovering previously unknown paleontological resource that may be recovered and permanently preserved. Indirect impacts typically include those effects that result from the continuing implementation of management decisions and resulting activities, including normal ongoing operations of facilities within a given project area. They also occur as a result of the construction of new roads and trails in areas that were previously less accessible. This increases public access and therefore increases the likelihood of the loss of paleontological resources through vandalism and unlawful collecting, as well as the potential for new authorized paleontological collecting. Cumulative impacts from activities unrelated to the proposed project are incremental effects and constitute the long-term loss to society as a whole the scientific information that would have been available if surface-disturbing actions near the study area had not taken place.

As outlined in the preceding sections, this impact evaluation was accomplished by identifying mapped areas of potentially fossiliferous geologic units through a review of 1:100,000 geologic maps, BLM PFYC designations (Foss 2007), and previously recorded localities. Paleontological record search data are not uniform across the study area; for example, the high number of known paleontological localities in the Uinta Basin is partially due to oil and gas development and associated agency-required paleontological pedestrian survey or monitoring. Landownership also may impact the number of known localities obtained as formal paleontological surveys are more commonly conducted on federal, state, and tribal lands, as opposed to private lands.

The approximately 81-mile-long Indian Canyon Proposed Route travels across 14.7 miles of PFYC Class 3, 14.0 miles of PFYC Class 3 or 4, and 15.8 miles of PFYC Class 5. There are 372 localities within the study area, and 59 (USFS = 1, Private = 2, State = 2, Tribal = 54) of these are important, including a portion of the Myton Pocket area (multiple individual localities). The approximately 88-mile-long Whitmore Park Proposed Route is similar in that there are 371 localities within the study area, and 57 (USFS = 1, Private = 2, Tribal = 54) of these are important, including a portion of the Myton Pocket area (multiple individual localities). This route crosses 20.7 miles of PFYC Class 3, 13.5 miles of PFYC Class 3 or 4, and 17.6 miles of PFYC Class 5. The longest route, the 103-mile Wells Draw Proposed Route, travels across 14.6 miles of PFYC Class 3, 48.7 miles of PFYC Class 3 or 4, and 15.4 miles of PFYC Class 5. There are 13 localities within the study area, and seven (BLM = 4, Private = 1, State = 2) of these are important.

Based on this impact assessment, the Wells Draw Proposed Route is likely to impact fewer paleontological resources as compared to the other proposed routes and crosses more miles of federally

administered lands, which may have higher protection for paleontological resources. Additional paleontological information gathered for the final preferred route would further clarify the difference in potential impacts to important paleontological resources between the proposed routes.

PALEONTOLOGICAL RESOURCE MITIGATION RECOMMENDATIONS

The results of preconstruction technical research (fossil locality record searches, geologic map reviews, literature searches, input from technical experts, regulatory requirements, and agency consultation) and the results, if and when available, of preconstruction field surveys are used to determine standard paleontological resource recommendations (i.e., clearance, avoidance, salvage, sampling, and monitoring) for select areas or for the entire project. Recommendations made during monitoring can include clearance, salvage, avoidance, and sampling. Other types of area- or locality-specific recommendations may be necessary depending on special circumstances encountered in the field. Recommendations for avoidance or salvage should be discussed with the landowner prior to survey or monitoring work. Salvage may not be applicable on some lands such as tribal. These standard recommendations are described in detail in Table 3. Location-specific recommendations for monitoring, spot-check monitoring, and clearance are typically provided in a paleontological mitigation monitoring plan prepared upon completion of the field surveys, depending upon the nature of the proposed undertaking. In the event that paleontological mitigation monitoring is not necessary due to the low potential for paleontological resource discovery during construction, an unanticipated discovery plan would outline steps to take if a paleontological resource is found during construction.

SWCA recommends that detailed paleontological resource requirements be developed in consultation with the appropriate agencies. Once a preferred route is chosen, the development of a paleontological survey plan and following paleontological resources impact mitigation plan will help to clearly guide the next steps for paleontological resource evaluation, mitigation, and protection.

Table 3. Types of Post-Survey Paleontological Recommendations

Recommendation	Description
Clearance	If adverse impacts on paleontological resources are anticipated to be nonexistent or below the level of significance for a given surface-disturbing action in a given area based on pre-field survey research and/or field survey or monitoring results, and if no further consideration of paleontological resources is deemed necessary, immediate paleontological clearance is recommended. A clearance recommendation can be made for an entire project area or any portion thereof (including surface and/or subsurface), depending on paleontological sensitivity.
Paleontological Resource Collection	If isolated small, medium, or large significant paleontological resources are discovered within a project disturbance area during field surveys or mitigation monitoring and determined to be scientifically significant, they should be collected. This may involve simply collecting a fully exposed fossil from the ground surface or may involve a systematic excavation, depending upon the nature of the fossil discovery. Depending on landownership, curation agreements, and the size of a planned excavation (e.g., greater than 1 square meter on BLM lands), additional authorizations may be required prior to fieldwork. For all extensive discoveries, a detailed locality-specific plan should be completed prior to initiating a full excavation and collection.
Avoidance	If the cost of locality collection or other mitigation to the project schedule or budget is determined to be too high or if permanent damage to the resource caused by surface disturbance is considered to be unavoidable, avoiding or rerouting the portion of the project that intersects the fossil locality may be necessary to prevent adverse impacts to the resource. Avoidance should also be considered if a known fossil locality appears to contain critical scientific information that should be left undisturbed for subsequent scientific evaluation. Avoidance for later scientific research is the typical mitigation recommendation made for extensive scientifically significant paleontological discoveries.

Recommendation	Description
Monitoring	If significant (well-preserved, uncommon, and/or identifiable) paleontological resources are known to exist in an area or if there is a high likelihood that subsurface fossils are present in geologic formations or members thereof within a given project area based on prior field surveys, museum records, or scientific or technical literature, paleontological monitoring of construction excavations (e.g., surface-disturbing actions) should be recommended. Monitoring involves systematic inspections of graded cut slopes, trench sidewalls, spoils piles, and other rock or surficial sediment surfaces exposed during excavation for the presence of fossils and the collection and documentation of these fossils before they are destroyed by further ground-disturbing actions. There are two types of monitoring: standard (or on-site) monitoring and spot-check monitoring. Standard, or on-site, monitoring is typically required in the most paleontologically sensitive areas, and these locations require that a monitor be present at all times during disturbance. Spot-check monitoring involves the noncontinuous examination of excavations or spoil piles during project activities instead of maintaining continuous monitoring of operations. This type of monitoring is typically used in areas with moderate paleontological potential or areas with surface cover where a low volume of geologic units with higher potential may be disturbed.
Sampling (of bulk matrix)	If indicator fossils such as fragments of bones and teeth are found during field survey or monitoring activities, which suggest that more microvertebrate fossils (not including conodonts) may be present, then test samples of bulk matrix may be collected for screen washing. The fossils found, if any, will then be inspected and evaluated to determine their significance and whether additional mitigation recommendations are necessary. Mitigation may include collection of additional matrix for screen washing. The decision to sample may not be made until monitoring is under way because such a decision is usually triggered by conditions in the field.

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APPENDIX A

**Previously Documented Fossil Localities
within 1/2 Mile of the Uinta Basin Railway Project Study Area
(includes all land regardless of ownership)**

Unedited information excerpted directly from the Utah State Paleontological Database

Table D-1. Previously Recorded Fossil Localities within a Half-mile of the Uinta Basin Railway Project Study Area (sorted by Fossil Locality Number)

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Cb0021		Ostracodes, palynomorph? and charophyte assemblages	Tc	Private	> 500 from 11/22/2019 centerline	> 1 mile	1967	> 1 mile
Cb0022		Gastropods: Hydrobia, Lymnaea, Vivparus, Gyraulus, Physa; charophytes; ostracodes	QTpm	State Trust Lands	-	2575	191	2575
Dc0009	D-JO-18	Specimens collected: Gar-pike head plate; pelecypods and gastropods. Specimens observed: Gar-pike head plate, pelecypods (Unio?) gastropods (at least 2 types).	Tuu	Private	-	1251	1251	4896
Dc0016		Chlorellopsis stromatolites or "reefs";. Bradley, 1929, Algal reeefs and oolites of the Green River Formation, USGS PP 154-G; Cross, 1976, Some algal deposits and their significance in the northwest Colorado Plateau, BYU GS 22:3.	Qal	National Forest	important	0	0	> 1 mile
Dc0017		Moss and fern spores, fern sporangium and annali; ostracodes; Bradley, 1931, Origin and microfossils of the oil shale of the Green River Formation of Colorado and Utah, USGS pp 168.	Tc	State Trust Lands	important	0	> 1 mile	0
Dc0021		Ostracodes; Cramer, 1950 (M.S. thesis, Univ Illinois)	Tgl	State Trust Lands	important	0	3418	0
Dc0087		ostracodes	Tc	State Trust Lands	-	1596	457	1595
Dc0093		some paleontological specimens of Eocene wood were located and collected.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1406
Dc0155		Specimans observed: the sandsonte just north and northwest of the wellpad has fossil plants in it -steams and leaf impressions. Also, one spot has fine impression of a small mammal jaw. Plant fossiles were noted northwest 335 degrees, 66+- yards from	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	763
Dc0156		Specimens observed: The access road cuts through a tan to yellow sandstone as it travels up the south side of the ridge to the location. Plant stem impressions were found at several spots in this sandstone. This sandstone appears to be a roughly the s	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1642
Dc0161		Specimens observed: Turtle shell fragments up to 1x1.5 inches and .5 inch thick. Highly fractured and weathered.	Qop	Bureau of Land Management	-	> 1 mile	> 1 mile	1122
Dc0162		Specimens observed: Carbonized woods chunkcs in sandstone rubble pushed east from Well #23-33-B tanks. 270 ft from tanks (at 92 degrees east of wellhead) in an outcrop with plant stem impressions.	Tul	Bureau of Land Management	Out of Study Area	> 1 mile	> 1 mile	2541
Dc0163		Specimens observed: a few minor plant stem impressions in a rusty yellow sandstone. This is present on both the north and south side of the draw.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	594
Dc0164		Specimens observed: Turtle shell fragments weathering out on a small flat top ridge. Material is rusty color and scattered overarea 10 ft in diameter. There are also plant fossil material north over the edge of the ridge from the turtle. This plant m	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	743
Dc0165		Specimens observed: Turtle shell fragments weathering out of northeast side of a small ridge. Material is rusty in color. Also a few plant stem impressions in same area.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	380
Dc0166		Specimens observed: Plant stem impressions in a rusty sandstone.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	60
Dc0167		Specimens observed: a few gar pike fish scales in a sandstone. Not very good stuff.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1756
Dc0168		Specimens observed: Plant stem impressions in sandstone.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1696

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Dc0169		Specimens observed: Several turtle shell fragments. Highly fractured and weathered. There are also several minor fragments of turtle shell weathering out of the west side of the knoll across the road and southeast of the first spot.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	96
Dc0170		Specimens observed: a 2x2 inch piece of Trionyx turtle shell.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	0
Dc0171		Specimens observed: a dozen or so 1/2 to 1 1/2 inch thick pieces of turtle shell. Fair preservation.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	0
Dc0172		Specimens observed: a few rusty colored plant stem impressions in tan sandstone. May be more stuff here, but ground was partially covered with snow.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	0
Dc0173		Specimens observed: Turtle shell fragments weathering out of northwest side of a knoll.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1278
Dc0174		Specimens observed: small (1/8") gastropod shells in chert nodules in a white-light gray limestone.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	458
Dc0175		Specimens observed: Plant stems or roots in light green to brown-gray sandstone near top of the north side of the ridge. An occasional turtle shell fragment on the slopes of the ridge, both north and south.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	0
Dc0176		Specimens collected: several small samples. Specimens observed: Because of the quality of the fossil plant material at this site, it should be investigated further and representative samples collected prior to any development in the immediate area of	Tul	Bureau of Land Management	important	> 1 mile	> 1 mile	0
Dc0177		"Specimens collected: two small pieces of float with fragments of bird? bone. Specimens observed: at least three trackways of large mammals (Aminodon? or Titanotherium?). These consist of sets of 4 to 9 tracks. Other possible trackways as well as trails"	Tul	Bureau of Land Management	important	> 1 mile	> 1 mile	0
Dc0178		Specimens observed: several turtle shell fragments weathering out at the foot of a steeper slope. Not much other fossil material seen in immediate area.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1683
Dc0179		Specimens observed: Leaf impressions in a tan to gray-green sandstone, fine to medium grained. Possibly has identifiable specimens.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1301
Dc0180		A few bone fragments weathering out of a light brown sandstone. Appears preweathered and in poor condition. Also one weather piece of bone on hump of dark brown mudstone down slope from the above mentioned sandstone.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	845
Dc0181		Specimens observed: several fragments of turtle shell in slope wash on the hillside.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1396
Dc0182		Specimens observed: Plant stem impressions in a rusty yellow sandstone point above a jeep road. Also, down hill southwest around the point are several pieces of turtle shell.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	679
Dc0183		Specimens observed: an occasional piece of turtle shell along an exposure of brown mudstone.	Tul	Bureau of Land Management	Out of Study Area	> 1 mile	> 1 mile	2480
Dc0184		Specimens observed: Wood imprints in a tan and rusty medium grain sandstone.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1959
Dc0244		The rusty sandstone outcrops at the southwest corner of the wellpad has fossil fish scales and fish bone fragments and impressions of the same material. It also has a few plant impressions. This outcrop is located approximately 105 southwest of the center	Tul	Bureau of Land Management	important	> 1 mile	> 1 mile	0

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Dc0245		Several of the sandstone rock fragments were found with leaf impressions on them. This material may have originated near where found or perhaps have been washed here from similar rock south of the location. Two leaf impressions were found 105 ft northwe	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1397
Dc0246		Found a few scattered, weathered turtle shell fragments just east of pit corner "A", 170 ft +- southeast of the center stake at 109 degrees. This material may have washed off a small rise to the southeast.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	893
Dc0277		Along the road that leads from Wells Draw up on to the bench in Section 18, about 3/4 up is a sandstone layer with plant impresssions.	Qa	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	153
Dc0278		An area with a few plant impressions on the west side of the road in tan sandstone layers.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	249
Dc0279		Found a few scrappy, weather turtle shell fragments on a south slope east of the road.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	26
Dc0287		Only one small weathered fragment of turtle shell was found on the road as it descends to the well location. There were a couple of minor plant impressions on the wellpad 118 ft east of the center stake at 99 degrees. This same horizon is exposed on th	Tul	Bureau of Land Management	important	> 1 mile	> 1 mile	0
Dc0288		One turtle site was found on a small point west of the well location, but this is out of the construction area. This spot is in the gray-green layer above the wide spread red layer where not much has been found before.	Qa	Bureau of Land Management	-	> 1 mile	> 1 mile	252
Dc0318		Specimens collected: plant impression in sandstone. Specimens observed: plant impressions in channel sandstone	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1974
Dc0338		Specimens collected: 2 small rock samples with bone and bone impressions & scales; plant fragments with leaf impressions.	Tul	Bureau of Land Management	important	> 1 mile	> 1 mile	120
Dc0394		Bot fly larvae (Lithophypoderma sp) and other insect larvae or parts.	Tgu	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	0
Dc0446	092307-LES-01	Protoreodon sp.: mandible fragment w/ Rp/4, postcranial fragments; Specimens observed: gar pike skull bones/molds, scales/molds; angosperm leaves.	Tub	Tribal Lands	SFL	2234	2234	4027
Dc0448	092307-WBG-01	Mammalia: caudal vertebrae, broken scapula, calcaneum, ungual, femoral head, tooth fragment	Tub	Tribal Lands	SFL	2253	2253	4046
Dc0449	092307-WBG-02	Mammalia: edentulous mandible, tooth fragments, vertebral centra, broken longbones with articular surfaces	Tub	Tribal Lands	SFL	1959	1959	3735
Dc0450	092607-MHI-01	Protoreodon sp.: Rp/3-m2, RP3-M2/, L&R distal tibia, vertebrae, assorted misc. postcrania	Tub	Tribal Lands	SFL	53	53	3341
Dc0451	092707-LES-01	Pareumys grangeri: partial Rp/4, Rm/1-2, erupting Rm/3	Tub	Tribal Lands	SFL	0	0	3367
Dc0452	092707-LES-02	Creodonta indet.: Broken teeth, Mytonolagus: 2 isolated lower molars, Mammalia: misc. postcrania including distal femur, proximal femur, vertebrae, metapodials, Crocodilia: tooth, Testudines: shell fragments, Lepisosteus: scales	Tub	Tribal Lands	SFL	446	446	4478
Dc0453	092807-LES-01	Leptoreodon: RM/, Lm/3, vertebrae, metapodial fragments	Tub	Tribal Lands	SFL	469	469	4700
Dc0454	092807-LES-02	Isectolophus sp.: Lm/3, Testudines: shell fragments	Tub	Tribal Lands	SFL	631	631	4906
Dc0455	092807-LES-03	Protylopus: mandible fragments w/ mostly broken molars	Tub	Tribal Lands	SFL	632	632	4990
Dc0456	092807-LES-04	cf. Artiodactyla: mandibular symphysis, broken tooth	Tub	Tribal Lands	SFL	647	647	5148

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Dc0457	092807-MHI-01	Mammalia: fragmented postcrania, broken longbones, Perissodactyla: astragalus	Tub	Tribal Lands	SFL	0	0	4168
Dc0458	092807-MHI-02	Mammalia: tooth fragment, fragmented skull	Tub	Tribal Lands	SFL	889	889	5255
Dc0459	092807-MHI-03	Protoreodon: broken upper and lower molars, tooth fragments	Tub	Tribal Lands	SFL	858	858	5161
Dc0460	092807-WBG-01	Protylopus sp.: Lm/2-3, RM3/	Tub	Tribal Lands	SFL	613	613	4856
Dc0461	092807-WBG-02	Mammalia: edentulous mandible fragment	Tub	Tribal Lands	SFL	682	682	4916
Dc0462	092807-WBG-03	Mammalia: very poorly preserved teeth	Tub	Tribal Lands	SFL	724	724	4940
Dc0465	111907-LSB-02	Isectolophus: LM1-2/, Protylopus: Rm/1 and broken teeth, Protoreodon: Lp/4-m/1	Tub	Tribal Lands	SFL	0	0	3276
Dc0466	111907-MHI-01	cf. Oromeryx: RM1/, Leptoreodon: Rp/4	Tub	Tribal Lands	SFL	0	0	2403
Dc0467	111907-WBG-02	Epihippus: Ldp/3-4	Tub	Tribal Lands	SFL	0	0	2994
Dc0468	041708-DJD-01	Crocodylia: edentulous jaw fragment and postcranial fragments	Tuu	Tribal Lands	SFL	1350	1350	> 1 mile
Dc0469	041708-MHI-01	Crocodylia: osteoderm and limb fragments	Tuc	Tribal Lands	SFL	1191	1191	4378
Dc0470	041708-WBG-01	Crocodylia: osteoderm and tooth fragments	Tuc	Tribal Lands	SFL	1868	1868	> 1 mile
Dc0471	041908-WBG-01	Mammalia: maxilla fragment w/ fragmentary teeth, postcranial elements, Testudines: shell fragments	Tuu	Tribal Lands	SFL	1154	1154	> 1 mile
Dc0472	042108-DJD-01	Mammalia: premolars, vertebrae, Testudines: shell fragments	Tuu	Tribal Lands	SFL	0	0	> 1 mile
Dc0473	042108-DJD-02	Protoreodon: mandible fragment w/ erupting Lm/2, miscellaneous postcrania	Tul	Tribal Lands	SFL	0	0	> 1 mile
Dc0474	042108-DJD-03	Artiodactyla: Lp/4-m/2	Tul	Tribal Lands	SFL	0	0	> 1 mile
Dc0475	042108-DJD-04	Triplopus: Lp/4-m/2, m/3 erupting	Tul	Tribal Lands	SFL	0	0	> 1 mile
Dc0476	042108-DJD-05	Protoreodon: 2 maxilla fragments w/ RP4-M1/, LP4-M3/	Tul	Private	SFL	0	0	> 1 mile
Dc0477	042108-MHI-01	Protoreodon: LM2-3/, astragalus	Tul	Private	SFL	0	0	> 1 mile
Dc0478	042208-WBG-01	Lepisosteus sp. posterior trunk and caudal fin with articulated scales	Tuc	Tribal Lands	SFL	2284	2284	3145
Dc0479	042208-WBG-02	Isectolophus sp.: palate with LP4/-M2/, RM2/, broken upper teeth	Tub	Tribal Lands	SFL	1573	1573	2778
Dc0481	051908-WBG-01	Artiodactyla: tooth fragments, postcrania	Tub	Tribal Lands	SFL	2074	2127	> 1 mile
Dc0482	051908-WBG-01	Artiodactyla: tooth fragments, postcrania	Tub	Tribal Lands	SFL	2074	2074	> 1 mile
Dc0484	052008-WLS-01	cf. Diplobunops: Left dentary w/ teeth, isolated Rp/4	Tub	Tribal Lands	SFL	2336	2336	> 1 mile
Dc0534	GEK-102706-3	Gar scale, not collected	Tul	Bureau of Land Management	SFL	> 1 mile	> 1 mile	1762
Dc0537	GEK-102506-1	Bone fragments and possible gar scale, not collected	Tgsl	Bureau of Land Management	SFL	> 1 mile	> 1 mile	915
Dc0608	FJ-120620-01	Testudines undet.: shell fragments; Lepisosteidae: scales; Mammalia undet.: limb bone fragments.	Tuu	Private	NFO	1808	1808	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Dc0609	FJ-120620-02	Testudines undet.: articulated shell.	Tuu	Tribal Lands	NFO	1806	1806	> 1 mile
Dc0702	FZ-130422-01	Mammalia (Perissodactyla, cf. Equidae) undet. - external mold of lower mandible with one tooth preserved on boulder in well pad spoils	Tul	Bureau of Land Management	SFL	> 1 mile	> 1 mile	2470
Dc0917	WEM 13-2	bone fragments of a large mammal, gar scales	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	836
Un0003		Myton Pocket, original location	Tub	Tribal Lands	important	50	50	2350
Un2667	091807-LES-02	Hylomeryx: mandible fragmewnt with Lp/4	Tub	Tribal Lands	SFL	2269	2269	> 1 mile
Un2673	091907-MHI-02	Artiodactyla: Broken upper molars and tooth fragments	Tub	Tribal Lands	SFL	2622	2622	> 1 mile
Un2674	091907-SML-01	Artiodactyla: Deciduous upper and lower premolars and molars	Tub	Tribal Lands	SFL	2030	2030	5115
Un2675	091907-WBG-01	Artiodactyla: misc. tooth fragments and postcrania, Hylomeryx: Rm/1, mandible fragments w/ broken teeth, Mytonolagus: m/	Tub	Tribal Lands	SFL	2081	2081	5172
Un2676	091907-WBG-02	Trionychidae: partial carapace	Tub	Tribal Lands	SFL	1589	1589	4672
Un2677	092007-LES-01	Protoreodon: Rp/4	Tub	Tribal Lands	SFL	1557	1557	4648
Un2678	092007-SML-01	Protoreodon: mandible fragments w/ L&R p/4	Tub	Tribal Lands	SFL	1672	1672	4765
Un2679	092007-WBG-01	Protoreodon: mandible fragments w/ Rp/4-m1	Tub	Tribal Lands	SFL	1507	1507	4593
Un2680	092107-LES-01	Mammalia: Ulna, metapodial, vertebral centrum	Tub	Tribal Lands	SFL	1124	1124	4225
Un2681	092107-MHI-01	Protoreodon: maxilla fragments w/ LM1-3, RM1-2/ tooth fragments	Tub	Tribal Lands	SFL	303	303	3472
Un2682	092107-MHI-02	Trionychidae: fragmented carapace, Mammalia: podials, metapodials, bone fragments	Tub	Tribal Lands	SFL	21	21	3109
Un2683	092107-MHI-03	Trionychidae: fragmented plastron	Tub	Tribal Lands	SFL	328	328	3411
Un2684	092107-WBG-01	Protoreodon sp.: Rp/4-m2	Tub	Tribal Lands	SFL	584	584	3717
Un2720	102407-DJD-01	Protylopus: Lm/1-2 in mandible	Tub	Tribal Lands	SFL	1944	1944	2302
Un2721	102407-DJD-02	Mammalia: Vertebrae, sesamoids	Tub	Tribal Lands	SFL	1221	1221	1576
Un2722	102407-LES-01	Artiodactyla: maxilla fragment w/ 2 molars	Tub	Tribal Lands	SFL	2255	2255	2501
Un2723	102407-WBG-01	Protylopus: mandible and maxilla fragments w/ numerous upper and lower molars and premolars, associated postcrania, Unidentified bone fragments	Tub	Tribal Lands	SFL	2077	2077	2296
Un2724	102407-WBG-02	Trionychidae: partial plastron	Tub	Tribal Lands	SFL	2113	2113	2364
Un2725	102407-WBG-03	Protoreodon: mandible fragments w/ Lp/3-4, Lm/3, Rm/2, LP3-M1/	Tub	Tribal Lands	SFL	1880	1880	2177
Un2729	102507-WBG-01	Pseudotomus sp.: LP4/-M3/, RP4/-M1/, Lp/4-m/3	Tub	Tribal Lands	SFL	2353	2353	2728
Un2777	111507-GEK-02	Crocodylia: Partial skull and skeleton	Tub	Tribal Lands	SFL	2573	2573	> 1 mile
Un2778	111507-GEK-03	Lepisosteus: scales	Tub	Tribal Lands	SFL	821	821	3535

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						Indian Canyon	Whitmore Park	Wells Draw
Un2779	111507-GEK-04	Crocodylia: cranial fragments	Tub	Tribal Lands	SFL	1069	1069	3415
Un2781	111507-WLS-01	Mammalia: mandible fragment with broken tooth	Tub	Tribal Lands	SFL	853	853	3451
Un2782	111607-GEK-01	Protylopus: mandible w/ Lp/2-m/1, mandible fragment with Lp/4	Tub	Tribal Lands	SFL	166	166	976
Un2783	111607-GEK-02	Leptoreodon: mandible fragment w/ LM1-2/, Trionychidae: shell fragments	Tub	Tribal Lands	SFL	116	116	1204
Un2784	111607-WBG-01	Artiodactyl indet.: fragmented mandible w/ Lp/3-m/2	Tub	Tribal Lands	SFL	306	306	1080
Un2785	111707-GEK-01	Crocodylia: partial skeleton, Testudines: shell fragments	Tub	Tribal Lands	SFL	0	0	2389
Un2786	111707-GEK-02	Triplopus: Lm2/, tooth fragments, Protoreodon sp.: RP4/, RM2-3/, RM1/, LP4/, other tooth fragments, Pseudotomus: incisor fragments, Protylopus: unidentified	Tub	Tribal Lands	SFL	0	0	2280
Un2787	111707-GEK-03	Leptotomus sp.: L&R M/	Tub	Tribal Lands	SFL	0	0	2350
Un2788	111707-LSB-01	Hyracodontidae indet.: mandible fragment w/ Rm/2	Tub	Tribal Lands	SFL	0	0	2271
Un2789	111707-PCM-01	Brontotheriidae: Right dentary with all teeth	Tub	Tribal Lands	SFL	0	0	2419
Un2790	111707-PCM-02	Crocodylia: Pair of jaws	Tub	Tribal Lands	SFL	0	0	2393
Un2791	111707-WBG-01	Triplopus sp.: RM2/, Protoreodon sp.: tooth fragments	Tub	Tribal Lands	SFL	0	0	2364
Un2792	111707-WBG-02	cf. Perissodactyla: maxilla fragment? w/ no teeth	Tub	Tribal Lands	SFL	0	0	2383
Un2793	111707-WBG-03	Leptotomus sp.: Lm/1	Tub	Tribal Lands	SFL	0	0	2625
Un2794	111707-WLS-01	Triplopus: Rm/1-2	Tub	Tribal Lands	SFL	0	0	2466
Un2795	111807-GEK-01	Protoreodon: L&R maxillae with teeth, assorted postcrania including phalanges and vertebrae	Tub	Tribal Lands	SFL	0	0	2703
Un2796	111807-GEK-02	Crocodylia: partial skull and skeleton	Tub	Tribal Lands	SFL	0	0	2923
Un2797	111807-GEK-03	Artiodactyla: Rm/? and tooth fragments	Tub	Tribal Lands	SFL	0	0	2370
Un2798	111807-GEK-04	Protoreodon: mandible fragment w/ Rm/2 and broken teeth	Tub	Tribal Lands	SFL	0	0	2378
Un2799	111807-GEK-05	cf. Protoreodon: LM1-2/, badly weathered	Tub	Tribal Lands	SFL	0	0	2443
Un2800	111807-GEK-06	Amynodon: fragmented left dentary with broken teeth	Tub	Tribal Lands	SFL	0	0	2422
Un2801	111807-LSB-01	Mammalia: tooth fragment	Tub	Tribal Lands	SFL	0	0	2538
Un2802	111807-WBG-01	Protoreodon: LM1-3/	Tub	Tribal Lands	SFL	9	9	3185
Un2803	111807-WBG-02	Amynodontidae: extremely encrusted tooth	Tub	Tribal Lands	SFL	0	0	2539
Un2804	111807-WBG-03	Protoreodon: complete left dentary w/ m/1-3	Tub	Tribal Lands	SFL	0	0	2669
Un2805	111807-WLS-01	Triplopus: fragmented skull w/ complete upper molars and broken teeth, Protoreodon sp.: mandible fragment with Lm/1-2	Tub	Tribal Lands	SFL	200	200	3354
Un2806	111807-WLS-02	Epitriplopus: maxilla fragment w/ LM2/	Tub	Tribal Lands	SFL	92	92	3280

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						Indian Canyon	Whitmore Park	Wells Draw
Un2807	111807-WLS-03	Protoreodon: Dentary fragment w/ Lp/3, Lm/1; maxilla w/ RM1/	Tub	Tribal Lands	SFL	0	0	2693
Un2818	042008-MHI-01	Lepisosteus: Articulated scales	Tub	Tribal Lands	SFL	4737	4737	1006
Un2827	051308-DJD-01	Protoreodon: cranial fragments, Lm/2, Testudines: shell fragments	Tub	Tribal Lands	SFL	2108	2108	4444
Un2828	051308-DJD-02	Artiodactyla: vertebrae, astragali, calcanei, misc. podials	Tub	Tribal Lands	SFL	1399	1399	3198
Un2829	051308-GEK-01	Crocodylia: osteoderm, vertebrae, long bone fragments, Protoreodon: mandible fragment w/ Rp/4, maxilla fragment with LM1/, Crocodylia: osteoderm, misc. postracnial fragments	Tub	Tribal Lands	SFL	1370	1370	3825
Un2830	051308-LSB-01	cf. Eptitriopopus sp.: broken RM1/	Tub	Tribal Lands	SFL	2380	2380	4698
Un2831	051308-WLS-01	Leptoreodon: Rp/4-m/1	Tub	Tribal Lands	SFL	1965	1965	4187
Un2832	051308-WLS-02	Mammalia: tooth fragments, postcranial fragments	Tub	Tribal Lands	SFL	1365	1365	3822
Un2833	051308-WLS-03	Isectolophus: mandible section with Lp/4-m/3, Crocodylia: frontal bone, Fish: vertebrae	Tub	Tribal Lands	SFL	1440	1440	3741
Un2834	051308-WLS-04	Protoreodon: maxilla fragment w/ RP3/, RM1-3/, cf. Diplobunops: mandible fragment w/ 1.5 molars	Tub	Tribal Lands	SFL	1199	1199	3060
Un2835	051408-DJD-01	Artiodactlya: RM2-3/	Tub	Tribal Lands	SFL	884	884	2973
Un2836	051408-DJD-02	Leptoreodon : Lp/3-4, Lm/2-3, Hylomeryx: Rm/1-3, Leptoreodon: Ldp/4-m/2, Unidentified	Tub	Tribal Lands	SFL	914	914	2737
Un2837	051408-DJD-03	Isectolophus: LM2-3/	Tub	Tribal Lands	SFL	955	955	2719
Un2838	051408-GEK-01	Protoreodon: Rm/1	Tub	Tribal Lands	SFL	1501	1501	3429
Un2839	051408-GEK-02	Protoreodon: Partial skull and skeleton	Tub	Tribal Lands	SFL	1546	1546	3426
Un2840	051408-GEK-03	Protoreodon: skull, maxilla fragment w/ LM1-2/, misc. post crania	Tub	Tribal Lands	SFL	1545	1545	3413
Un2841	051408-LSB-01	Pentacemylus: Rm/1-2 and fragment of Rm/3	Tub	Tribal Lands	SFL	1555	1555	3409
Un2842	051408-WLS-01	Testudines: shell and plastron fragments	Tub	Tribal Lands	SFL	959	959	2837
Un2843	051408-WLS-02	cf. Protoreodon sp.: skull (very fragmented teeth), mandible (teeth still buried), postcranial fragments, Testudines: shell fragments	Tub	Tribal Lands	SFL	919	919	2960
Un2844	051508-DJD-01	Artiodactyla: R/p?	Tub	Tribal Lands	SFL	0	0	333
Un2845	051508-GEK-01	Anosteira: Costals, peripherals	Tub	Tribal Lands	SFL	0	0	734
Un2846	051508-WLS-01	Protoreodon: Rp/3-4, Lp/4, RM1/, fused astragalus and tibia	Tub	Tribal Lands	SFL	1358	1358	2004
Un2847	051608-DJD-01	Protylopus: RM1-2/, broken lower molars, misc. post crania, Mammalia: postcranial fragments, Mammalia: mandible fragment	Tub	Tribal Lands	SFL	0	0	2717
Un2848	051608-DJD-02	Protylopus: LM3/, tooth fragments, Testudines: shell fragments	Tub	Tribal Lands	SFL	219	219	1597
Un2849	051608-DJD-03	Unidentified	Tub	Tribal Lands	SFL	244	244	1366
Un2850	051608-GEK-01	possible croc; verts	Tub	Tribal Lands	SFL	675	675	318
Un2851	051608-GEK-02	Protoreodon: Jaw w/ Lp/4-m/2, broken teeth	Tub	Tribal Lands	SFL	221	221	878

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						Indian Canyon	Whitmore Park	Wells Draw
Un2852	051608-WBG-01	Mammalia: mandible fragment with erupting and broken teeth, podial element, Testudines: shell fragments	Tub	Tribal Lands	SFL	290	290	1553
Un2853	051708-DJD-01	Protoreodon: maxilla and mandible fragments w/teeth, postcranial fragments	Tub	Tribal Lands	SFL	0	0	1259
Un2854	051708-DJD-02	Protoreodon sp.: Rm/1-2, isolated Rm/3, miscellaneous postcrania, Serpentes: vertebrae, Crocodilia: osteoderms, miscellaneous postcrania, Testudines: shell fragments	Tub	Tribal Lands	SFL	0	0	1302
Un3051		Myton Pocket has been an important vertebrate fossil collecting site since 1912, with a diverse mammalian fauna that includes numerous type specimens: Mytonolagus (lagomorph), Mytonius (primate), Mytonomeryx (artiodactyl), Mytonomys (rodent); 10 orders *	Tub	Tribal Lands	-	502	502	3613
Un3052		Myton Pocket, see Un3051	Tuc	Private	important	2248	2248	0
Un3053		Myton Pocket, see Un3051	Qa	Private	-	1335	1335	1147
Un3054		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1097	1097	2715
Un3055		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1349	1349	3251
Un3057		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1974	1974	2290
Un3058		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1787	1787	2148
Un3059		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1402	1402	1774
Un3060		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1317	1317	1680
Un3061		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1211	1211	1547
Un3068		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2415	2415	> 1 mile
Un3069		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2107	2107	> 1 mile
Un3070		Myton Pocket, see Un3051	Tub	Tribal Lands	-	821	821	5151
Un3071		Myton Pocket, see Un3051	Tub	Tribal Lands	important	15	15	3393
Un3072		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	3308
Un3073		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	3124
Un3074		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2889
Un3075		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2822
Un3076		Myton Pocket, see Un3051	Tub	Tribal Lands	-	234	234	2240
Un3077		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1165	1165	4161
Un3078		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2616
Un3079		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2961
Un3080		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2610

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						Indian Canyon	Whitmore Park	Wells Draw
Un3081		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2238	2238	4805
Un3082		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1985	1985	4889
Un3083		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1659	1659	4522
Un3094		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2621	2621	> 1 mile
Un3095		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2129	2129	5212
Un3097		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2632	2632	> 1 mile
Un3098		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2468	2468	> 1 mile
Un3099		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2639	2639	> 1 mile
Un3100		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2230	2230	5183
Un3101		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1324	1324	4447
Un3102		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1649	1649	4749
Un3103		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1566	1566	4656
Un3104		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1452	1452	4547
Un3105		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1482	1482	4568
Un3106		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1597	1597	4681
Un3107		Myton Pocket, see Un3051	Tub	Tribal Lands	-	610	610	3730
Un3108		Myton Pocket, see Un3051	Tub	Tribal Lands	important	14	14	3154
Un3109		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2993
Un3110		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2580
Un3111		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2430
Un3112		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2597
Un3113		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2253
Un3114		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2359
Un3115		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2545
Un3116		Myton Pocket, see Un3051	Tub	Tribal Lands	-	338	338	3450
Un3117		Myton Pocket, see Un3051	Tub	Tribal Lands	-	669	669	3808
Un3118		Myton Pocket, see Un3051	Tub	Tribal Lands	-	994	994	4103
Un3119		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1157	1157	4252

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						Indian Canyon	Whitmore Park	Wells Draw
Un3120		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1319	1319	4406
Un3121		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1072	1072	4157
Un3122		Myton Pocket, see Un3051	Tub	Tribal Lands	-	494	494	3578
Un4190	FR-130704-01	Testudines undet. - more than 200 shell fragments; Mammalia undet. - enamel fragment	Tub	Private	NFO	1289	1289	198
Un4200	FR-130705-01	Lepisosteus sp. - skull fragments, scale-covered side fragments; Testudines undet. - more than 30 shell fragments, 2 ?skull fragments; Vertebrata undet. - 6 bone fragments and 2 skull fragments with upper portion of orbit	Qae	Tribal Lands	SFL	0	0	3595
Un4201	FR-130705-02	Baenidae undet. - 2 plastron fragments	Qae	Tribal Lands	NFO	0	0	3569
Un4202	FR-130705-03	Testudines undet. - bone fragments	Qae	Tribal Lands	NFO	0	0	3548
Un4203	FR-130705-04	Testudines undet. - 11 shell fragments	Tub	Tribal Lands	NFO	9	9	3831
Un4204	FR-130705-05	Testudines undet. - more than 50 carapace and plastron fragments	Tub	Tribal Lands	NFO	121	121	3928
Un4205	FR-130705-06	?Brontotheriidae undet. - ?mandible with ~75 tooth fragments; Testudines undet. - 15 shell fragments	Tub	Tribal Lands	SFL	94	94	3930
Un4207	FR-130706-01	Mammalia undet. - 40 bone fragments, including a podial, metapodials, phalanges	Tub	Tribal Lands	NFO	525	525	4066
Un5031	FR-120508-05	Artiodactyla: astragalus, caudal vertebrae, phalanges, limb bone fragments.	Tuc	Tribal Lands	SFL	> 1 mile	> 1 mile	1066
Un5032	FR-120509-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	> 1 mile	> 1 mile	1665
Un5033	FR-120509-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	> 1 mile	> 1 mile	1842
Un5034	FR-120510-01	Mammalia undet.: bone fragments; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2832	2832	1124
Un5035	FR-120510-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2849	2849	1106
Un5036	FR-120510-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2369	2369	1584
Un5037	FR-120510-05	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	2361	2361	1580
Un5038	FR-120510-06	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	2364	2364	1580
Un5039	FR-120510-07	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	2165	2165	1818
Un5040	FR-120518-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2700	2700	571
Un5041	FR-120518-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2613	2613	709
Un5042	FR-120518-03	Mammalia undet.: skull fragment.	Tuc	Tribal Lands	NFO	2640	2640	709
Un5043	FR-120518-04	Crocodylia undet.: dentary and other bone fragments.	Tuc	Tribal Lands	SFL	2730	2730	595
Un5044	FR-120518-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	SFL	2711	2711	673
Un5048	FR-120521-01	Testudines undet.: plastron fragments.	Tuc	Tribal Lands	NFO	2498	2498	903
Un5049	FR-120521-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2481	2481	899

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						Indian Canyon	Whitmore Park	Wells Draw
Un5050	FR-120521-03	Silicified wood impression.	Tuc	Tribal Lands	NFO	2430	2430	941
Un5051	FR-120521-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2015	2015	1499
Un5052	FR-120522-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2151	2151	1485
Un5053	FR-120523-01	Mammalia undet.: limb bone fragments.	Tub	Tribal Lands	NFO	1764	1764	1813
Un5054	FR-120523-02	Testudines undet.: limb bone fragments, shell fragments.	Tub	Tribal Lands	NFO	1718	1718	1785
Un5055	FR-120523-03	Testudines undet.: carapace and plastron fragments.	Tuc	Tribal Lands	NFO	1883	1883	1280
Un5056	FR-120523-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1989	1989	978
Un5057	FR-120523-06	Mammalia undet.: limb bone fragments.	Tuc	Tribal Lands	NFO	2583	2583	511
Un5058	FR-120523-07	Mammalia undet.: limb bone fragments.	Tuc	Tribal Lands	NFO	2406	2406	926
Un5243	FV-120518-02	Testudines undet.: shell fragments, 2 individuals.	Tuc	Tribal Lands	NFO	1631	1631	493
Un5244	FV-120518-03	Testudines undet.: shell fragments, 5 individuals.	Tuc	Tribal Lands	NFO	1585	1585	538
Un5245	FV-120518-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1564	1564	561
Un5246	FV-120518-05	Testudines undet.: shell fragments; Mammalia undet.: bone fragments.	Tuc	Tribal Lands	NFO	1542	1542	583
Un5247	FV-120518-06	Baenidae: shell fragments.	Tuc	Tribal Lands	NFO	1554	1554	576
Un5248	FV-120518-07	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1550	1550	592
Un5249	FV-120518-08	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1578	1578	575
Un5250	FV-120518-09	Crocodylia undet.: vertebra fragments, limb fragments, jaw? fragments, unidentified bone fragments; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1544	1544	608
Un5251	FV-120518-10	Crocodylia undet.: tooth; Lepisosteidae: scales; Testudines undet.: shell fragments; Mammalia undet.: long bone fragments.	Tuc	Tribal Lands	NFO	1497	1497	658
Un5252	FV-120518-11	Crocodylia undet.: limb bone fragments, osteoderms.	Tuc	Tribal Lands	NFO	1467	1467	690
Un5253	FV-120518-12	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1407	1407	750
Un5281	FZ-120517-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2605	2605	1044
Un5282	FZ-120517-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2334	2334	1461
Un5283	FZ-120517-03	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2284	2284	1494
Un5284	FZ-120517-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2309	2309	1468
Un5285	FZ-120517-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2108	2108	1693
Un5286	FZ-120517-07	Trionychidae: shell fragments, 2 individuals; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1972	1972	1826
Un5287	FZ-120517-09	Testudines undet.: partial articulated shell.	Tuc	Tribal Lands	NFO	2204	2204	1575

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						Indian Canyon	Whitmore Park	Wells Draw
Un5288	FZ-120517-10	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2154	2154	1569
Un5289	FZ-120517-11	Mammalia undet.: calcaneus, astragalus, long bone fragments; Testudinoidea: shell fragments.	Tuc	Tribal Lands	NFO	2062	2062	1657
Un5290	FZ-120517-12	Testudines undet.: articulated carapace.	Tuc	Tribal Lands	NFO	2024	2024	1703
Un5291	FZ-120517-14	Testudines undet.: shell fragments; Coprolite	Tuc	Tribal Lands	NFO	1987	1987	1676
Un5292	FZ-120517-15	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2042	2042	1624
Un5293	FZ-120517-16	Crocodylia (Alligatoridae?): tooth fragments, dentary fragments, osteoderm, vertebra fragments, other bone fragments.	Tuc	Tribal Lands	SFL	2034	2034	1625
Un5294	FZ-120517-18	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2010	2010	1850
Un5295	FZ-120517-19	Crocodylia undet.: bone fragments.	Tuc	Tribal Lands	NFO	2117	2117	1760
Un5296	FZ-120517-20	Testudines undet.: shell fragments, proximal humerus fragment, limb fragments.	Tuc	Tribal Lands	NFO	2156	2156	1687
Un5297	FZ-120517-21	Testudines undet.: articulated plastron fragments; Lepisosteidae: scales.	Tuc	Tribal Lands	NFO	2184	2184	1677
Un5298	FZ-120521-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1310	1310	863
Un5299	FZ-120521-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1173	1173	1029
Un5300	FZ-120521-03	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1195	1195	1030
Un5301	FZ-120521-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1444	1444	777
Un5302	FZ-120521-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1448	1448	759
Un5303	FZ-120521-06	Mammalia undet.: femur fragment.	Tub	Tribal Lands	NFO	405	405	1727
Un5304	FZ-120522-01	Mammalia undet.: mandible fragment.	Tub	Tribal Lands	NFO	1340	1340	1103
Un5305	FZ-120522-02	Mammalia undet.: mandible fragment with teeth.	Tub	Tribal Lands	NFO	1193	1193	1222
Un5306	FZ-120522-03	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	543	543	1659
Un5307	FZ-120522-04	Mammalia undet.: mandible fragment with teeth.	Tub	Tribal Lands	NFO	542	542	1660
Un5308	FZ-120522-05	Testudines undet.: shell fragments.	Qaf	Tribal Lands	NFO	1825	1825	900
Un5309	FZ-120523-01	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	1503	1503	1310
Un5310	FZ-120523-02	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	1452	1452	1387
Un5311	FZ-120523-03	Testudines undet.: partial carapace and plastron.	Tub	Tribal Lands	NFO	1555	1555	1262
Un5312	FZ-120523-04	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	1564	1564	1239
Un5313	FZ-120523-05	Mammalia undet.: jaw fragment.	Tuc	Tribal Lands	NFO	2409	2409	597
Un5314	FZ-120523-06	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2464	2464	520
Un5394	FR-120508-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	> 1 mile	> 1 mile	1082

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						Indian Canyon	Whitmore Park	Wells Draw
Un5395	FR-120510-03	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2890	2890	1062
Un5396	FR-120521-04	Vertebrata undet.: bone fragments.	Tuc	Tribal Lands	SFL	2281	2281	1132
Un5397	FR-120521-06	Vertebrata undet.: bone fragments.	Tuc	Tribal Lands	SFL	1976	1976	1567
Un5398	FR-120522-01	Crocodylia undet.: bone fragments; Artiodactyla: bone fragments; Testudines undet.: shell fragments; Reptilia undet.: bone fragments; Lepisosteidae: scales, bone fragments.	Tuc	Tribal Lands	SFL	2015	2015	1590
Un5399	FR-120522-03	Perissodactyla: tooth fragments, bone fragments; Testudines undet.: shell fragments, limb bone fragments; Trionychidae: shell fragments; Coprolite.	Tuc	Tribal Lands	SFL	1950	1950	1688
Un5400	FR-120522-04	Testudines undet.: shell fragments; Mammalia undet.: maxilla and mandible fragments; Silicified wood impressions.	Tuc	Tribal Lands	SFL	1866	1866	1753
Un5401	FR-120523-05	Unienditified plants: leaf impressions.	Tuc	Tribal Lands	NFO	1931	1931	925
Un5402	FZ-120517-06	Mammalia undet.: calcaneus fragments; Crocodylia undet.: tooth fragments; Testudines undet.: shell fragments; Coprolite.	Tuc	Tribal Lands	NFO	2189	2189	1622
Un5403	FZ-120517-08	Mammalia (Perissodactyla?): tooth fragments, distal metapodial fragment; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1961	1961	1800
Un5404	FZ-120517-13	Testudines undet.: shell fragments, 3 individuals.	Tuc	Tribal Lands	NFO	2000	2000	1682
Un5405	FZ-120517-17	Lepisosteus sp.: bone fragments; Testudines undet.: shell fragments; Trionychidae: shell fragments.	Tuc	Tribal Lands	NFO	1936	1936	1742
Un5541	FR-130709-01	Testudines undet. - more than 200 shell fragments; Vertebrata undet. - 10 bone fragments	Tub	Tribal Lands	NFO	583	583	3710
Un5542	FR-130709-02	?Protoreodon sp. - first (smaller) individual, right and left mandible fragments with portions of p3, p4, m1-m3, and other jaw fragments (12 fragments total); ?Protoreodon sp. - second (larger) individual, right mandible fragment with roots of c, p2-p3,*	Tub	Tribal Lands	SFL	636	636	3762
Un5543	FR-130709-03	Testudines undet. - 50 shell fragments	Tub	Tribal Lands	NFO	634	634	3780
Un5544	FR-130709-04	Testudines undet. - shell fragments (3+ individuals)	Tub	Tribal Lands	NFO	569	569	3708
Un5545	FR-130709-05	Testudines undet. - shell fragments (4 individuals)	Tub	Tribal Lands	NFO	687	687	3826
Un5546	FR-130709-06	Lepisosteus sp. - scales, ?bone fragments	Tub	Tribal Lands	NFO	755	755	3887
Un5547	FR-130709-07	Testudines undet. - 100 shell fragments	Tub	Tribal Lands	NFO	743	743	3872
Un5548	FR-130709-08	Testudines undet. - shell fragments (2 individuals)	Tub	Tribal Lands	NFO	896	896	4018
Un5549	FR-130709-09	Testudines undet. - shell fragments (3 individuals)	Tub	Tribal Lands	NFO	940	940	4070
Un5550	FR-130709-10	Testudines undet. - 25 shell fragments	Tub	Tribal Lands	NFO	1067	1067	4182
Un5551	FR-130709-11	Mammalia undet. - maxilla fragment with broken P4, M1, and anterior portion of zygomatic arch; other tooth and bone fragments	Tub	Tribal Lands	SFL	1073	1073	4177
Un5552	FR-130709-12	Testudines undet. - 100 shell fragments	Tub	Tribal Lands	NFO	1016	1016	4110
Un5553	FR-130709-13	Testudines undet. - shell fragments	Tub	Tribal Lands	NFO	939	939	4033
Un5554	FR-130709-14	Testudines undet. - 50 shell fragments (2 individuals)	Tub	Tribal Lands	NFO	887	887	3980

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						Indian Canyon	Whitmore Park	Wells Draw
Un5555	FR-130709-15	Testudines undet. - shell fragments (4+ individuals)	Tub	Tribal Lands	NFO	857	857	3951
Un5556	FR-130709-16	Artiodactyla undet. - maxilla fragments with three partial molars	Tub	Tribal Lands	NFO	842	842	3940
Un5557	FR-130709-17	Testudines undet. - shell fragments (4 individuals)	Tub	Tribal Lands	NFO	825	825	3924
Un5558	FR-130709-18	Testudines undet. - shell fragments (5 individuals); long bone fragment	Tub	Tribal Lands	NFO	750	750	3854
Un5559	FR-130709-19	Testudines undet. - shell fragments (3+ individuals)	Tub	Tribal Lands	NFO	599	599	3695
Un5560	FR-130709-20	Mammalia undet. - 40 long bone fragments	Tub	Tribal Lands	NFO	585	585	3678
Un5561	FR-130709-21	Testudines undet. - 20 shell fragments	Tub	Tribal Lands	NFO	700	700	3809
Un5562	FR-130709-22	Testudines undet. - shell fragments	Tub	Tribal Lands	NFO	670	670	3784
Un5563	FR-130709-23	Testudines undet. - shell fragments (at least 8 individuals)	Tub	Tribal Lands	NFO	833	833	3943
Un5684	Crescent Pt En CT11-33-1	Gar scales, bone fagments and lizard scale on an anthill - ant debris probably gathered from surrounding sandstone	Tuc	Private	-	4957	4957	2045
Un5691		Turtle shell fragments, probably Echmatemys; mammal femur heads	Tub	Private	important	1658	1658	208
Un5711	P1	turtle shell and debris on south east side of knoll. Turtle shell up to 1.25 cm thick.	Tub	Tribal Lands	-	338	338	2697
Un5761	P51	mammal vertebra and other bone fragments	Tuu	Tribal Lands	-	1081	1081	> 1 mile
Un5762	P52	turtle fragments scattered acros green to maroon hillside	Tuu	Private	-	1613	1613	> 1 mile
Un5763	P53	two turtles circa 11 meters apart. Both in mudstone	Tub	Tribal Lands	-	470	470	3554
Un5764	P54	turtle in mudstone	Tub	Tribal Lands	-	827	827	3910
Un5766	P56	mammal fragments in mudstone	Tub	Tribal Lands	-	2219	2219	> 1 mile
Un5767	P57	multiple turtle specimens in mudstone	Tub	Tribal Lands	-	2033	2033	5118
Un5768	P58	turtle in mudstone	Tub	Tribal Lands	-	1885	1885	4969
Un5769	P59	turtle in mudstone	Tub	Tribal Lands	-	1685	1685	4769
Un5770	P60	turtle in mudstone	Tub	Tribal Lands	important	37	37	2047
Un5771	P61	crocodilian and turtle fragments in mudstone	Tub	Tribal Lands	important	0	0	2379
Un5772	P62	turtle in mudstone	Tub	Tribal Lands	important	0	0	3140
Un5773	P63	multiple turtles in reasonable condition in mudstone	Tub	Tribal Lands	-	219	219	3364
Un5774	P64	turtle spec in mudstone	Tub	Tribal Lands	important	138	138	3299
Un5775	P65	turtle spec in mudstone	Tub	Tribal Lands	-	604	604	3760
Un5776	P66	multiple turtle specs in mudstone	Tub	Tribal Lands	-	962	962	4108
Un5777	P67	turtle spec in mudstone	Tub	Tribal Lands	-	1070	1070	4213

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						Indian Canyon	Whitmore Park	Wells Draw
Un5778	P68	multiple turtles in mudstone	Tub	Tribal Lands	-	1264	1264	4386
Un5784	P74	turtle in green mudstone. scattered down drainage.	Tub	Tribal Lands	-	481	481	3324
Un5785	P75	several turtles. two weathering out of tan mudstone.	Tub	Tribal Lands	unimportant	189	189	3079
Un5786	P76	large turtle scatter. several turtles just south on knoll	Tub	Tribal Lands	unimportant	35	35	2942
Un5787	P77	fossil rich area. Scattered crocodilian limb bones and several turtles.	Tub	Tribal Lands	important	0	0	2589
Un5788	P78	scattered thick turtle shell in green grey mudstone. One or possibly more individuals.	Tub	Tribal Lands	-	245	245	1790
Un5791	P81	turtle purple mudstone below, green mudstone above.	Tub	Tribal Lands	important	0	0	2128
Un5792	P82	turtle shell fragment scatters	Tub	Tribal Lands	-	1149	1149	3551
Un5793	P83	turtle, no ornamentation. pale green mudstone	Tub	Tribal Lands	> 500 from 11/22/2019 centerline	2639	2639	4830
Un5796	P86	turtle	Tub	Tribal Lands	important	0	0	1088
Un5797	P87	pale olive slightly bentonitic mudstone. four turtle individuals	Tub	Tribal Lands	-	597	597	448
Un5798	P88	large in situ turtle in mudstone on south of knoll. scattered down slope.	Tub	Tribal Lands	-	328	328	2636
Un5825	P115	echmatemys turtle eroding on west side of knoll 7m below top grey mudstone	Tuu	Tribal Lands	-	1387	1387	> 1 mile
Un5827	P117	echmatemys and testudo turtles eroding from banded mudstone outcrops in middle and surrounding edges of bowl for 50m	Tub	Tribal Lands	-	1529	1529	4616
Un5828	P118	echmatemys turtles eroding from grey green mudstone near base of slope. others 20m north	Tub	Tribal Lands	-	1126	1126	4238
Un5829	P119	echmatemys turtles from silty green mudstone units about 12m apart	Tub	Tribal Lands	-	934	934	4065
Un5830	P120	echmatemys turtles eroding from mudstone outcrop	Tub	Tribal Lands	-	1926	1926	4849
Un5831	P121	many echmatemys,baenid, n testudo turtles in mudstone badland area in 70m radius	Tub	Tribal Lands	-	2169	2169	5187
Un5832	P122	several turtles eroding from banded mudstone exposure near top pf saddle for 10m laterally	Tub	Tribal Lands	> 500 from 11/22/2019 centerline	2503	2503	> 1 mile
Un5837	P127	echmatemys turtles near base of outcrops for 20m	Tub	Tribal Lands	-	938	938	3066
Un5838	P128	apalone and baenid turtles eroding from green grey mudstone on south slope	Tub	Tribal Lands	-	250	250	1322
Un5839	P129	protoreodon jaw fragments on flat ground 8 m north of short ss ledge	Tub	Tribal Lands	-	1025	1025	2654
Un5840	P130	several echmatemys turtles eroding from reddish grey mudstone in 9m area	Tub	Tribal Lands	-	1640	1640	2804
Un5841	P131	protoreodon and titanothera jaw fragments & limb bone fragments and echmatemys turtle eroding on flat ground 2m out from hill on grey mudstone scattered among desert-varnish	Tub	Tribal Lands	-	1725	1725	2832
Un5842	P132	echmatemys reddish grey mudstone	Tub	Tribal Lands	-	1602	1602	3497
Un5844	P134	Two turtles, separated vertically by circa 1.5 m. Uppermost is Apalone. weakly bentonitic mudstone below caliche. scattered one individual. pale maroon mudstone badlands, alternating maroon and green.	Tub	Tribal Lands	-	220	220	855
Un5850	P140	small crocodile verts, scutes, and bone frags in outwash alluvium at base of south facing slope	Tub	Tribal Lands	-	1173	1173	4110

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						Indian Canyon	Whitmore Park	Wells Draw
Un6600		turtle and jaw fragments	Tub	Private	unimportant	1631	1631	74
Un6601		Jaw fragment with teeth	Tub	Private	unimportant	1518	1518	0
Un6958	FR-151123-01	Testudines undet. - 20+ black shell fragments and 1 vertebral fragment, 5+ brown plastron fragments (2 individuals); Lepisosteus undet. - 4 small fragments and 1 gar scale; Mammalia undet. - 7 bone fragments including a partial metapodial (proximal).	Tuc	Private	NFO	2619	2619	2891
Un6959	FR-151123-02	Testudines undet. - 10+ plastron fragments.	Tuc	Private	NFO	2612	2612	2892
Un7190	Cox 31-3S-1E SESW		Tuc	Private	-	605	605	1514
Ut0481		Fossil freshwater invertebrates (gastropods & bivalves).	TKfn	Private	-	380	379	379
Ut0482		Fossil freshwater invertebrates (gastropods & bivalves).	Tc	Private	-	337	336	336
NA	F1-041708-01	gar scales	Tuu	Tribal Lands	NFO	1188	1188	> 1 mile
NA	F1-041708-02	mammal rib and vertebra fragments	Tuu	Tribal Lands	NFO	1206	1206	> 1 mile
NA	F1-041708-03	gar scales	Qa	Tribal Lands	NFO	1966	1966	4863
NA	F1-041708-04	gar scales, turtle shell and limb fragments	Tuc	Tribal Lands	NFO	1695	1695	4618
NA	F1-041708-05	gar scales, reptile rib and limb fragments	Tuc	Tribal Lands	NFO	1132	1132	4217
NA	F1-041808-01	gar scales	Tuc	Tribal Lands	NFO	1943	1943	4088
NA	F1-041808-02	mammal limb bone fragment	Tuc	Tribal Lands	NFO	1830	1830	4356
NA	F1-041908-01	gar scales, turtle shell and limb fragments	Tul	Tribal Lands	NFO	816	816	> 1 mile
NA	F1-041908-03	edentulous mammal jaw fragment	Tuu	Tribal Lands	NFO	1106	1106	> 1 mile
NA	F1-042108-02	gar scales	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	F1-042108-03	gar scales	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	F1-042108-04	mammal bone fragments, turtle shell fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	F1-042208-02	vertebrate limb bone fragments	Tuc	Tribal Lands	NFO	2566	2566	3562
NA	F1-042208-03	gar scales	Tuc	Tribal Lands	NFO	2309	2309	3116
NA	F1-042208-04	mammal distal humerus	Tuc	Tribal Lands	NFO	2115	2115	3146
NA	F1-042208-05	crocodile tooth and jaw fragments	Tul	Tribal Lands	NFO	2300	2300	> 1 mile
NA	F1-042208-06	coprolite	Tul	Tribal Lands	NFO	2370	2370	> 1 mile
NA	F1-042208-07	small mammal jaw fragments	Tul	Tribal Lands	NFO	1887	1887	> 1 mile
NA	F1-051708-01	mammal rib fragments, turtle shell fragments	Tub	Tribal Lands	NFO	728	728	962
NA	F1-051708-02	gar scales	Tub	Tribal Lands	NFO	554	554	1372

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NA	F1-051708-03	mammal rib fragments, turtle shell fragments	Tub	Tribal Lands	NFO	767	767	1072
NA	F1-051808-01	unidentifiable bone fragments	Tub	Tribal Lands	NFO	458	458	2243
NA	F1-091707-02	mammal phalanx	Tub	Tribal Lands	NFO	2388	2388	4253
NA	F1-091907-01	crocodile scutes, mammal limb bone fragments	Tub	Tribal Lands	NFO	1933	1933	5016
NA	F1-091907-02	gar scales, turtle shell fragments, mammal limb bone fragments	Tub	Tribal Lands	NFO	1661	1661	4744
NA	F1-091907-03	petrified wood log	Tub	Tribal Lands	NFO	1349	1349	4432
NA	F1-091907-04	mammal rib and limb bone fragments, corcodile scutes, turtle shell fragments	Tub	Tribal Lands	NFO	1014	1014	4098
NA	F1-091907-05	mammal vertebra and limb fragments, and turtle shell fragments	Tub	Tribal Lands	NFO	1394	1394	4477
NA	F1-092007-01	mammal vertebrae and limb bone fragments	Tub	Tribal Lands	NFO	2340	2340	> 1 mile
NA	F1-092007-02	gar scales	Tub	Tribal Lands	NFO	2325	2325	> 1 mile
NA	F1-092107-01	mammal phalanx	Tub	Tribal Lands	NFO	1076	1076	4194
NA	F1-092107-02	mammal limb bone fragment	Tub	Tribal Lands	NFO	1055	1055	4178
NA	F1-092107-03	gar scales and skull bones	Tub	Tribal Lands	NFO	1037	1037	4120
NA	F1-092307-02	mammal lower jaw fragments with tooth roots	Tub	Tribal Lands	NFO	2498	2498	4320
NA	F1-092307-03	mammal limb element	Tub	Tribal Lands	NFO	2408	2408	4214
NA	F1-092307-04	crocodile tooth	Tub	Tribal Lands	NFO	1914	1914	3709
NA	F1-092307-05	large mammal limb fragment	Tub	Tribal Lands	NFO	2230	2230	4023
NA	F1-092507-01	large mammal bone and jaw fragments with tooth roots	Tub	Tribal Lands	NFO	2228	2228	1838
NA	F1-092507-02	mammal phalanx	Tub	Tribal Lands	NFO	1033	1033	1241
NA	F1-092607-01	mammal limb elements and turtle shell fragments	Tub	Tribal Lands	NFO	0	0	3008
NA	F1-092707-01	mammal vertebra	Tub	Tribal Lands	NFO	628	628	3766
NA	F1-092807-01	mammal phalanx	Tub	Tribal Lands	NFO	726	726	4811
NA	F1-092807-02	mammal rib fragments	Tub	Tribal Lands	NFO	786	786	4836
NA	F1-092807-03	crocodile tooth, turtle shell fragments	Tub	Tribal Lands	NFO	522	522	4770
NA	F1-092807-04	gar scales, crocodile scute, mammal tooth	Tub	Tribal Lands	NFO	465	465	4722
NA	F1-092807-06	mammal small distal humerus, large rib fragment, limb fragment	Tub	Tribal Lands	NFO	649	649	5001
NA	F1-102307-04	mammal femur head and miscellaneous limb bone fragments	Tub	Tribal Lands	NFO	2478	2478	2813
NA	F1-102307-05	crocodile vertebrae	Tub	Tribal Lands	NFO	2494	2494	2736

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	F1-102307-06	mammal distal femur, vertebra	Tub	Tribal Lands	NFO	2137	2137	2419
NA	F1-102407-01	mammal postcranial fragments	Tub	Tribal Lands	NFO	2065	2065	2210
NA	F1-102407-02	petrified wood fragments	Tub	Tribal Lands	NFO	1344	1344	1706
NA	F1-102407-03	mammal vertebra	Tub	Tribal Lands	NFO	1358	1358	1679
NA	F1-102407-04	mammal limb fragments	Tub	Tribal Lands	NFO	1536	1536	1852
NA	F1-111607-01	mammal tooth and humerus fragments	Tub	Tribal Lands	NFO	593	593	3677
NA	F1-111607-02	coprolite, unidentifiable bone fragments	Tub	Tribal Lands	NFO	490	490	3574
NA	F1-111607-03	coprolite, unidentifiable bone fragments	Tub	Tribal Lands	NFO	257	257	3340
NA	F1-111707-01	gar scales	Tub	Tribal Lands	NFO	0	0	2342
NA	F1-111707-02	reptile limb bone fragments	Tub	Tribal Lands	NFO	0	0	2340
NA	F1-111707-03	mammal tibia fragment (proximal), gar scales	Tub	Tribal Lands	NFO	0	0	2526
NA	F1-111707-04	mammal vertebra	Tub	Tribal Lands	NFO	0	0	2446
NA	F1-111707-05	crocodile skull fragments	Tub	Tribal Lands	NFO	0	0	2427
NA	F1-111707-06	crocodile skull fragments	Tub	Tribal Lands	NFO	0	0	2490
NA	F1-111707-07	mammal bone fragments, crocodile vertebra and limb fragments	Tub	Tribal Lands	NFO	0	0	2366
NA	F1-111707-08	mammal jaw and tooth fragments	Tub	Tribal Lands	NFO	0	0	2385
NA	F1-111707-09	gar scales	Tub	Tribal Lands	NFO	0	0	2469
NA	F1-111707-10	mammal rib fragments	Tub	Tribal Lands	NFO	0	0	2553
NA	F1-111707-11	mammal limb bone, podial and vertebrae fragments	Tub	Tribal Lands	NFO	0	0	2724
NA	F1-111707-12	mammal bone fragments	Tub	Tribal Lands	NFO	0	0	2818
NA	F1-111707-13	gar scales	Tub	Tribal Lands	NFO	0	0	2841
NA	F1-111807-01	mammal jaw and enamel fragments, some postcranial materials	Tub	Tribal Lands	NFO	242	242	3395
NA	F1-111807-02	mammal limb fragments	Tub	Tribal Lands	NFO	0	0	2437
NA	F1-111807-03	perissodactyl astragalus and other bone fragments	Tub	Tribal Lands	NFO	0	0	2406
NA	F1-111807-04	crocodile postcranial materials	Tub	Tribal Lands	NFO	0	0	2421
NA	F2-051808-01	petrified wood fragments	Qae	Tribal Lands	NFO	1239	1239	> 1 mile
NA	F2-051808-02	mammal phalanx, calcaneus, vertebra, and limb bone fragments, turtle shell fragments	Tub	Tribal Lands	NFO	1748	1748	> 1 mile
NA	F2-051808-03	mammal limb bone fragment, turtle shell fragments	Tub	Tribal Lands	NFO	2122	2122	> 1 mile

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F2-051908-01	mammal astragalus and metatarsal	Qae	Tribal Lands	NFO	0	0	3565
NA	F2-051908-02	gar scales, vertebrae	Qae	Tribal Lands	NFO	0	0	3606
NA	F2-051908-03	mammal limb bone fragments	Qae	Tribal Lands	NFO	0	0	3519
NA	F2-051908-04	gar scales	Qae	Tribal Lands	NFO	0	0	3559
NA	F2-051908-05	crocodile scute	Qae	Tribal Lands	NFO	0	0	3597
NA	F2-051908-06	crocodile vertebra	Qae	Tribal Lands	NFO	0	0	3611
NA	F2-051908-07	mammal tibia fragment (proximal)	Tub	Tribal Lands	NFO	653	653	4956
NA	F2-051908-08	gar scales, turtle shell fragments	Tub	Tribal Lands	NFO	1760	1760	> 1 mile
NA	F2-051908-09	large mammal vertebra and rib fragments	Tub	Tribal Lands	NFO	1831	1831	> 1 mile
NA	F2-051908-20	gar scales	Tub	Tribal Lands	NFO	1874	1874	> 1 mile
NA	F2-051908-21	gar scales	Tub	Tribal Lands	NFO	1944	1944	> 1 mile
NA	F2-051908-22	mammal phalanx	Tub	Tribal Lands	NFO	2031	2031	> 1 mile
NA	F2-052008-01	petrified wood fragments	Tub	Tribal Lands	NFO	2307	2307	> 1 mile
NA	F2-052008-02	petrified wood - palm	Tub	Tribal Lands	NFO	2607	2607	> 1 mile
NA	F2-052008-03	mammal pelvis fragments	Tub	Tribal Lands	NFO	2237	2237	> 1 mile
NA	F2-052008-04	gar scales, turtle shell fragments	Tub	Tribal Lands	NFO	2354	2354	> 1 mile
NA	F2-052008-05	large mammal postcranial bone fragments	Tub	Tribal Lands	NFO	2519	2519	> 1 mile
NA	F2-052008-06	mammal postcranial fragments	Tub	Tribal Lands	NFO	2337	2337	> 1 mile
NA	F2-052008-07	mammal postcranial fragments	Tub	Tribal Lands	NFO	2369	2369	> 1 mile
NA	F2-052008-08	mammal bone fragments	Tub	Tribal Lands	NFO	2501	2501	> 1 mile
NA	F2-052008-09	mammal postcranial fragments	Tub	Tribal Lands	NFO	2471	2471	> 1 mile
NA	F2-052008-10	mammal postcranial fragments	Tub	Tribal Lands	NFO	2519	2519	> 1 mile
NA	F2-052008-11	mammal large vertebra	Tub	Tribal Lands	NFO	2474	2474	> 1 mile
NA	F2-052008-12	large mammal metapodial	Tub	Tribal Lands	NFO	2329	2329	> 1 mile
NA	F2-052008-13	mammal metapodial	Tub	Tribal Lands	NFO	2161	2161	> 1 mile
NA	F2-111607-01	crocodile vertebrae, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	2261
NA	F2-111607-02	reptile proximal limb bone fragment	Tub	Tribal Lands	NFO	0	0	2281
NA	F2-111607-03	gar scales, unidentifiable bone fragments	Tub	Tribal Lands	NFO	0	0	2305

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F2-111607-04	small mammal limb bone and vertebral fragments	Tub	Tribal Lands	NFO	0	0	2320
NA	F2-111607-05	small mammal distal femur	Tub	Tribal Lands	NFO	0	0	2404
NA	F2-111607-06	unidentifiable bone fragments	Tub	Tribal Lands	NFO	0	0	2468
NA	F2-111607-07	unidentifiable bone fragments	Tub	Tribal Lands	NFO	0	0	2460
NA	F2-111607-08	petrified wood log	Tub	Tribal Lands	NFO	0	0	2652
NA	F2-111607-09	reptile postcranial bone fragments	Tub	Tribal Lands	NFO	0	0	2666
NA	F2-111707-01	mammal enamel tooth fragment, unidentifiable bone fragment	Tub	Tribal Lands	NFO	0	0	2747
NA	F2-111707-02	mammal limb fragments	Tub	Tribal Lands	NFO	0	0	2913
NA	F2-111707-03	reptile maxilla with alveoli	Tub	Tribal Lands	NFO	0	0	3066
NA	F2-111807-01	mammal femur head	Tub	Tribal Lands	NFO	180	180	3318
NA	F2-111807-02	crocodile postcranial materials	Tub	Tribal Lands	NFO	107	107	3269
NA	F2-111807-03	crocodile scute	Tub	Tribal Lands	NFO	0	0	2393
NA	F2-111807-04	edentulous mammal jaw fragment, corcodile scute, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	2401
NA	F2-111907-01	mammal humerus head	Tub	Tribal Lands	NFO	0	0	3044
NA	F2-111907-02	five mammal vertebrae and rib fragments	Tub	Tribal Lands	NFO	0	0	3047
NA	F2-111907-03	enamel tooth fragment	Tub	Tribal Lands	NFO	0	0	2949
NA	F2-111907-04	six crocodile vertebrae	Tub	Tribal Lands	NFO	0	0	3257
NA	F3-041708-01	gar scales	Tul	Tribal Lands	NFO	1122	1122	> 1 mile
NA	F3-041708-02	gar scales, turtle shell fragment	Tuu	Tribal Lands	NFO	1475	1475	> 1 mile
NA	F3-041708-03	gar scales and skull bones	Tuu	Tribal Lands	NFO	1691	1691	> 1 mile
NA	F3-041708-04	petrified wood log	Tuu	Tribal Lands	NFO	1775	1775	> 1 mile
NA	F3-041708-05	gar scales, turtle shell fragments, crocodile vertebra	Tuu	Tribal Lands	NFO	1556	1556	> 1 mile
NA	F3-041708-06	gar scales and skull bones	Tuu	Tribal Lands	NFO	1541	1541	> 1 mile
NA	F3-041708-07	gar scales and skull bones	Tuu	Tribal Lands	NFO	1525	1525	> 1 mile
NA	F3-041708-08	crocodile tooth	Tul	Tribal Lands	NFO	704	704	> 1 mile
NA	F3-041708-09	gar scales	Tul	Tribal Lands	NFO	943	943	> 1 mile
NA	F3-041807-02	gar scales, turtle shell fragments	Tuc	Tribal Lands	NFO	1682	1682	4198
NA	F3-041807-03	brontothere proximal femur	Tuc	Tribal Lands	NFO	1598	1598	4085

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F3-041808-01	gar scales, turtle shell fragments	Tuc	Tribal Lands	NFO	1948	1948	4011
NA	F3-041908-02	unidentifiable bone fragments	Tuu	Tribal Lands	NFO	979	979	> 1 mile
NA	F3-041908-03	unidentifiable bone fragments	Tuu	Tribal Lands	NFO	968	968	> 1 mile
NA	F3-041908-04	large perissodactyl phalanx and astragalus	Tuu	Tribal Lands	NFO	851	851	> 1 mile
NA	F3-042108-01	mammal phalanx	Qac	Tribal Lands	NFO	513	513	> 1 mile
NA	F3-042108-02	mammal limb bone fragments	Tul	Tribal Lands	NFO	989	989	> 1 mile
NA	F3-042108-03	mammal bone fragment	Tul	Tribal Lands	NFO	1001	1001	> 1 mile
NA	F3-042108-04	mammal rib	Tul	Tribal Lands	NFO	962	962	> 1 mile
NA	F3-042108-05	crocodile tooth, turtle shell fragments	Tul	Tribal Lands	NFO	731	731	> 1 mile
NA	F3-042108-06	petrified wood log	Tul	Tribal Lands	NFO	1482	1482	> 1 mile
NA	F3-042108-07	two petrified wood logs	Qac	Tribal Lands	NFO	1961	1961	> 1 mile
NA	F3-042208-01	gar scales	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	F3-042208-02	gar scales, turtle shell fragments, petrified wood fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	F3-042208-08	mammals podial fragments	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	F3-042208-09	mammals postcranial fragments	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	F3-042308-01	mammal rib and enamble fragments	Tul	Tribal Lands	NFO	2449	2449	> 1 mile
NA	F3-042308-02	possible tracks	Tul	Tribal Lands	NFO	2248	2248	> 1 mile
NA	F3-042308-03	gar scales, turtle shell fragments	Tul	Tribal Lands	NFO	2093	2093	> 1 mile
NA	F3-042308-04	vertebrate bone fragments, petrified wood fragments	Tul	Tribal Lands	NFO	377	377	> 1 mile
NA	F3-042308-05	large mammal limb bone fragments	Tul	Tribal Lands	NFO	346	346	> 1 mile
NA	F3-042308-06	large mammal bone	Tul	Tribal Lands	NFO	350	350	> 1 mile
NA	F3-051308-01	mammal bone fragments, crocodile bone fragments, turtle shell fragments, coprolite	Tub	Tribal Lands	NFO	1275	1275	3198
NA	F3-051408-01	mammal jaw fragment with tooth root, turtle shell fragments	Tub	Tribal Lands	NFO	1092	1092	2725
NA	F3-051408-02	unidentifiable vertebrate remains	Tub	Tribal Lands	NFO	1519	1519	3057
NA	F3-051408-03	unidentifiable bone fragments	Tub	Tribal Lands	NFO	545	545	2931
NA	F3-051408-04	unidentifiable bone fragments	Tub	Tribal Lands	NFO	0	0	2632
NA	F3-051408-05	edentulous mammal jaw fragment	Tub	Tribal Lands	NFO	1061	1061	2720
NA	F3-051508-01	gar scales	Tub	Tribal Lands	NFO	0	0	997

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F3-051508-02	artiodactyle premolars (fragmentary)	Tub	Tribal Lands	NFO	0	0	752
NA	F3-051508-03	crocodillian limb fragments, skull fragments and miscellaneous bone fragments	Tub	Tribal Lands	NFO	0	0	649
NA	F3-051508-04	mammal enamel fragment, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	1160
NA	F3-051508-05	gastropod shell	Tub	Tribal Lands	NFO	0	0	1208
NA	F3-051508-06	crocodile vertebra	Tub	Tribal Lands	NFO	0	0	869
NA	F3-051608-01	unidentifiable bone fragments, petrified wood	Tub	Tribal Lands	NFO	0	0	2569
NA	F3-051608-02	mammal large longbone fragments	Tub	Tribal Lands	NFO	0	0	2744
NA	F3-051608-03	mammal tooth enamel fragment	Tub	Tribal Lands	NFO	0	0	1918
NA	F3-051608-04	gar scale	Tub	Tribal Lands	NFO	89	89	1692
NA	F3-051708-01	perisodactyla femur head and radius fragment	Tub	Tribal Lands	NFO	0	0	1065
NA	F3-051708-02	mammal distal humerus, proximal tibia, metapodial, and other bone fragments	Tub	Tribal Lands	NFO	0	0	1068
NA	F3-051708-03	mammal unidentifiable bone fragments	Tub	Tribal Lands	NFO	69	69	1599
NA	F3-051708-04	crocodile scute and femur fragment, turtle shell fragments	Tub	Tribal Lands	NFO	64	64	1648
NA	F3-051708-05	mammal vertebral centrum	Tub	Tribal Lands	NFO	64	64	1671
NA	F3-051708-06	gar scales, skull bones and vertebrae	Tub	Tribal Lands	NFO	192	192	1689
NA	F3-051708-07	mammal distal femur fragment and three vertebrae	Tub	Tribal Lands	NFO	233	233	1667
NA	F3-111507-02	crocodile vertebrae	Tub	Tribal Lands	NFO	2489	2489	5257
NA	F3-111507-03	mammal limb fragments	Tub	Tribal Lands	NFO	464	464	2930
NA	F3-111507-04	crocodile tooth	Tub	Tribal Lands	NFO	194	194	2720
NA	F3-111607-01	gar scales	Tub	Tribal Lands	NFO	9	9	1235
NA	F3-111607-02	mammal astragulas	Tub	Tribal Lands	NFO	148	148	1014
NA	F3-111607-03	edentulous mammal jaw fragment	Tub	Tribal Lands	NFO	207	207	940
NA	F3-111607-04	mammal rib fragment, turtle shell fragments	Tub	Tribal Lands	NFO	161	161	1072
NA	F3-111607-05	mammal jaw fragment	Tub	Tribal Lands	NFO	192	192	1063
NA	F3-111707-01	mammal distal tibia fragment	Tub	Tribal Lands	NFO	0	0	2321
NA	F3-111807-01	petrified wood fragments	Tub	Tribal Lands	NFO	45	45	3164
NA	F3-111807-02	mammal femur head, gar scales	Tub	Tribal Lands	NFO	0	0	3085
NA	F3-111807-03	mammal enamel fragment	Tub	Tribal Lands	NFO	6	6	3124

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F3-111807-04	mammal podial bone fragments, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	2746
NA	F3-111807-05	crocodile vertebrae and scute	Tub	Tribal Lands	NFO	0	0	2766
NA	F3-111807-06	crocodile vertebrae and one scute	Tub	Tribal Lands	NFO	0	0	2914
NA	F3-111807-07	mammal molar fragment, gar scales, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	2792
NA	F3-111807-08	mammal femur head	Tub	Tribal Lands	NFO	64	64	3238
NA	F3-111807-09	mammal limb fragments	Tub	Tribal Lands	NFO	64	64	3247
NA	F3-111807-10	mammal distal humerus	Tub	Tribal Lands	NFO	11	11	3184
NA	F3-111807-11	edentulous crocodile jaw fragments	Tub	Tribal Lands	NFO	0	0	2640
NA	F3-111807-12	gar scales	Tub	Tribal Lands	NFO	0	0	2744
NA	F3-111807-13	gar scales	Tub	Tribal Lands	NFO	0	0	2657
NA	F3-111807-14	edentulous mammal jaw fragments	Tub	Tribal Lands	NFO	0	0	2702
NA	F3-111807-15	gar scales	Tub	Tribal Lands	NFO	0	0	2676
NA	F3-111807-16	gar skull elements	Tub	Tribal Lands	NFO	0	0	2727
NA	F3-111807-17	crocodile femur fragment	Tub	Tribal Lands	NFO	0	0	2735
NA	F3-111907-02	vertebrate long bone fragments	Tub	Tribal Lands	NFO	2576	2576	> 1 mile
NA	F3-111907-04	mammal long bone and enamel tooth fragments	Tub	Tribal Lands	NFO	0	0	3536
NA	F3-111907-05	mammal rib fragments	Tub	Tribal Lands	NFO	0	0	2825
NA	F4-051308-01	mammal vertebra, miscellaneous bone fragments	Tub	Tribal Lands	NFO	2376	2376	4157
NA	F4-051308-02	mammal rib	Tub	Tribal Lands	NFO	1418	1418	3849
NA	F4-051308-03	crocodile skull fragments	Tub	Tribal Lands	NFO	1314	1314	3483
NA	F4-051308-04	fish vertebrae, unidentifiable bone fragments	Tub	Tribal Lands	NFO	1324	1324	3371
NA	F4-051408-01	mammal limb bone fragments	Tub	Tribal Lands	NFO	1017	1017	3113
NA	F4-051408-02	mammal limb bone fragments	Tub	Tribal Lands	NFO	1093	1093	3542
NA	F4-051408-03	crocodile jaw fragment, mammal rib fragment, turtle shell fragments	Tub	Tribal Lands	NFO	684	684	3059
NA	F4-051408-04	mammal humerus, tibia	Tub	Tribal Lands	NFO	655	655	2923
NA	F4-051408-05	mammal tibia	Tub	Tribal Lands	NFO	930	930	2914
NA	F4-051408-06	mammal vertebra	Tub	Tribal Lands	NFO	954	954	3044
NA	F4-051608-01	mammal rib fragment	Tub	Tribal Lands	NFO	405	405	605

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F4-051608-02	two large turtle shells, crocodile? vertebrae fragments	Tub	Tribal Lands	NFO	286	286	698
NA	F4-091707-01	mammal long bone fragments	Tub	Tribal Lands	NFO	2427	2427	4293
NA	F4-091907-01	mammal jaw with broken tooth crowns	Tub	Tribal Lands	NFO	2486	2486	> 1 mile
NA	F4-091907-02	brontothere enamel fragments	Tub	Tribal Lands	NFO	2638	2638	> 1 mile
NA	F4-091907-03	mammal vertebrae, femoral head, long bone fragments	Tub	Tribal Lands	NFO	2012	2012	5096
NA	F4-091907-04	gar scales and vertebra	Tub	Tribal Lands	NFO	2034	2034	5117
NA	F4-091907-05	mammal long bone fragments	Tub	Tribal Lands	NFO	2028	2028	5112
NA	F4-092007-01	mammal rib fragments	Tub	Tribal Lands	NFO	2003	2003	5121
NA	F4-092007-02	mammal distal femur	Tub	Tribal Lands	NFO	1634	1634	4653
NA	F4-092007-03	mammal jaw, limb bone and vertebra fragments	Tub	Tribal Lands	NFO	1468	1468	4472
NA	F4-092007-04	crocodile vertebrae and limb bone fragments	Tub	Tribal Lands	NFO	1643	1643	4746
NA	F4-092007-05	large mammal vertebrae, rib, and long bone fragments	Tub	Tribal Lands	NFO	1716	1716	4803
NA	F4-092007-06	vertebrate limb bone fragments	Tub	Tribal Lands	NFO	1561	1561	4645
NA	F4-092107-01	mammal rib fragments	Tub	Tribal Lands	NFO	1234	1234	4343
NA	F4-092107-02	large mammal distal radius	Tub	Tribal Lands	NFO	1124	1124	4246
NA	F4-092107-03	gar scales	Tub	Tribal Lands	NFO	954	954	4084
NA	F4-092107-04	large mammal distal ulna	Tub	Tribal Lands	NFO	954	954	4072
NA	F4-092107-05	crocodile tooth, gar scales	Tub	Tribal Lands	NFO	765	765	3859
NA	F4-092107-06	vertebrate limb bone fragments	Tub	Tribal Lands	NFO	424	424	3548
NA	F4-092107-07	crocodile rib fragments and limb bone fragments	Tub	Tribal Lands	NFO	314	314	3442
NA	F4-092107-08	crocodile scutes and edentulous jaw fragment, turtle shell fragments, gar scales	Tub	Tribal Lands	NFO	255	255	3384
NA	F4-092307-02	gar scales	Tub	Tribal Lands	NFO	2454	2454	4259
NA	F4-092307-03	crocodile jaw with teeth	Tub	Tribal Lands	NFO	2494	2494	4293
NA	F4-092307-04	gar scales	Tub	Tribal Lands	NFO	2150	2150	3945
NA	F4-092307-05	mammal limb bones	Tub	Tribal Lands	NFO	2099	2099	3894
NA	F4-092307-06	mammal rib fragment	Tub	Tribal Lands	NFO	2164	2164	3885
NA	F4-092307-07	crocodile vertebrae	Tub	Tribal Lands	NFO	1863	1863	3649
NA	F4-092507-01	mammal distal phalanx	Tub	Tribal Lands	NFO	1747	1747	3544

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F4-092507-02	mammal tooth fragment, gar scales	Tub	Tribal Lands	NFO	1705	1705	3503
NA	F4-092507-03	exploded turtle shell, plant stem fragments	Tub	Tribal Lands	NFO	1691	1691	3488
NA	F4-092507-04	gar scales	Tub	Tribal Lands	NFO	1593	1593	3390
NA	F4-092507-05	gar scales	Tub	Tribal Lands	NFO	2274	2274	3325
NA	F4-092507-06	mammal limb fragments, turtle shell	Tub	Tribal Lands	NFO	1888	1888	2380
NA	F4-092507-07	crocodilian vertebrae and limb fragments	Tub	Tribal Lands	NFO	1908	1908	2393
NA	F4-092807-01	gar scales, mammal limb bone fragments	Tub	Tribal Lands	NFO	968	968	5277
NA	F4-102407-01	edentulous mammal jaw	Tub	Tribal Lands	NFO	2105	2105	2377
NA	F4-102407-02	mammal limb bones, mesopodials	Tub	Tribal Lands	NFO	2027	2027	2377
NA	F4-102407-03	mammal limb bone fragments	Tub	Tribal Lands	NFO	1552	1552	1889
NA	F4-102507-01	mammal bone fragments	Tub	Tribal Lands	NFO	2480	2480	2833
NA	F4-102507-02	perissodactyl femur (distal)	Tub	Tribal Lands	NFO	2107	2107	2450
NA	F4-102507-03	mammal astragalus fragment	Tub	Tribal Lands	NFO	1939	1939	2301
NA	F4-102507-04	mammal tooth and limb fragments, turtle shell fragments	Tub	Tribal Lands	NFO	1773	1773	2067
NA	F4-102507-05	mammal jaw fragments (no teeth), limb bone fragments	Tub	Tribal Lands	NFO	1864	1864	2155
NA	F4-102507-06	gar scales	Tub	Tribal Lands	NFO	2072	2072	2689
NA	T1-041708-01	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1199	1199	4124
NA	T1-041708-02	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1514	1514	> 1 mile
NA	T1-041708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1554	1554	> 1 mile
NA	T1-041708-04	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1849	1849	> 1 mile
NA	T1-041708-05	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1889	1889	5243
NA	T1-041708-06	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1757	1757	4785
NA	T1-041708-07(a)	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1754	1754	4698
NA	T1-041708-07(b)	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	3690	3690	4395
NA	T1-041708-08	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1510	1510	4302
NA	T1-041708-09	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1534	1534	4323
NA	T1-041708-10	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1423	1423	4215
NA	T1-041708-11	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1163	1163	4336

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-041708-12	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1223	1223	4393
NA	T1-041708-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1190	1190	4483
NA	T1-041708-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1035	1035	3671
NA	T1-041708-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1299	1299	3618
NA	T1-041808-02	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1739	1739	4323
NA	T1-041808-03	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1592	1592	4320
NA	T1-041808-04	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1696	1696	4317
NA	T1-041808-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	492	492	> 1 mile
NA	T1-041808-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	477	477	> 1 mile
NA	T1-041808-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	491	491	> 1 mile
NA	T1-041908-01	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	397	397	> 1 mile
NA	T1-041908-02	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	339	339	> 1 mile
NA	T1-041908-03	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	312	312	> 1 mile
NA	T1-041908-04	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	359	359	> 1 mile
NA	T1-041908-05	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	750	750	> 1 mile
NA	T1-041908-07	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1092	1092	> 1 mile
NA	T1-041908-08	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	676	676	> 1 mile
NA	T1-041908-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	882	882	> 1 mile
NA	T1-041908-10	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1002	1002	> 1 mile
NA	T1-042108-01	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	35	35	> 1 mile
NA	T1-042108-02	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	147	147	> 1 mile
NA	T1-042108-03	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	188	188	> 1 mile
NA	T1-042108-04	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	168	168	> 1 mile
NA	T1-042108-05	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	159	159	> 1 mile
NA	T1-042108-06	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	34	34	> 1 mile
NA	T1-042108-07	Testudines - Shell	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-08	Testudines - Shell	Tuu	Tribal Lands	NFO	462	462	> 1 mile
NA	T1-042108-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-042108-10	Testudines - Shell	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-12	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-13	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-14	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-15	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-16	Testudines - Shell	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-17	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-19	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-20	Testudines - Shell	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-21	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-22	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042108-23	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042208-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2088	2088	2737
NA	T1-042208-04	Testudines - Exploded Shell	Tuc	Tribal Lands	NFO	2011	2011	3074
NA	T1-042208-05	Testudines - Exploded Shell	Tuc	Tribal Lands	NFO	2017	2017	3188
NA	T1-042208-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1435	1435	2737
NA	T1-042208-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1362	1362	2825
NA	T1-042208-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2370	2370	> 1 mile
NA	T1-042208-09	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2375	2375	> 1 mile
NA	T1-042208-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2387	2387	> 1 mile
NA	T1-042208-11	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2219	2219	> 1 mile
NA	T1-042208-12	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2260	2260	> 1 mile
NA	T1-042208-13	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2356	2356	> 1 mile
NA	T1-042208-15	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1878	1878	> 1 mile
NA	T1-042208-16	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1924	1924	> 1 mile
NA	T1-042208-17	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1893	1893	> 1 mile
NA	T1-042208-18	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1973	1973	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-042208-19	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1900	1900	> 1 mile
NA	T1-042208-20	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1865	1865	> 1 mile
NA	T1-042308-01	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	141	141	> 1 mile
NA	T1-042308-02	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	164	164	> 1 mile
NA	T1-042308-03	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	226	226	> 1 mile
NA	T1-042308-04	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	278	278	> 1 mile
NA	T1-042308-05	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	438	438	> 1 mile
NA	T1-042308-06	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	421	421	> 1 mile
NA	T1-042308-07	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1202	1202	> 1 mile
NA	T1-042308-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1121	1121	> 1 mile
NA	T1-042308-09	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1189	1189	> 1 mile
NA	T1-042308-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1524	1524	> 1 mile
NA	T1-042308-11	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1510	1510	> 1 mile
NA	T1-042308-13	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042308-14	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T1-042308-15	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1206	1206	> 1 mile
NA	T1-042308-16	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	560	560	> 1 mile
NA	T1-042308-17	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	572	572	> 1 mile
NA	T1-051508-01	Testudines - Carpace	Tub	Tribal Lands	NFO	1728	1728	2833
NA	T1-051508-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	909	909	1837
NA	T1-051508-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	911	911	1832
NA	T1-051508-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1144	1144	1921
NA	T1-051508-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1223	1223	2032
NA	T1-051508-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1349	1349	1989
NA	T1-051508-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1548	1548	2128
NA	T1-051508-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	472	472	2199
NA	T1-051508-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	480	480	2218
NA	T1-051508-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	454	454	2300

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-051508-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	459	459	2336
NA	T1-051508-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	506	506	2355
NA	T1-051508-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	249	249	2284
NA	T1-051508-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	345	345	2412
NA	T1-051508-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	365	365	2445
NA	T1-051508-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	628	628	2461
NA	T1-051508-17	Testudines - Plastron	Tub	Tribal Lands	NFO	1146	1146	2646
NA	T1-051708-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1080	1080	871
NA	T1-051708-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	704	704	653
NA	T1-051708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	685	685	672
NA	T1-051708-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	408	408	444
NA	T1-051708-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	331	331	320
NA	T1-051708-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	337	337	290
NA	T1-051708-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	430	430	1497
NA	T1-051708-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	522	522	1396
NA	T1-051708-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	685	685	809
NA	T1-051708-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	747	747	1001
NA	T1-051708-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	731	731	1012
NA	T1-051708-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	243	243	1652
NA	T1-051708-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	232	232	1645
NA	T1-051708-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	311	311	1575
NA	T1-091707-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2628	2628	4488
NA	T1-091707-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2375	2375	4241
NA	T1-091707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2254	2254	4119
NA	T1-091707-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2627	2627	4479
NA	T1-091907-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2639	2639	> 1 mile
NA	T1-091907-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2156	2156	5239
NA	T1-091907-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2065	2065	5150

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						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-091907-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2052	2052	5135
NA	T1-091907-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1860	1860	4943
NA	T1-091907-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1244	1244	4327
NA	T1-091907-09	Testudines - Shell	Tub	Tribal Lands	NFO	1222	1222	4305
NA	T1-091907-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1203	1203	4286
NA	T1-091907-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1210	1210	4293
NA	T1-091907-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1099	1099	4182
NA	T1-091907-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	839	839	3922
NA	T1-091907-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	783	783	3866
NA	T1-091907-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	756	756	3839
NA	T1-091907-16	Testudines - Carpace	Tub	Tribal Lands	NFO	1058	1058	4141
NA	T1-091907-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1162	1162	4245
NA	T1-091907-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1159	1159	4243
NA	T1-091907-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1514	1514	4597
NA	T1-091907-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1341	1341	4425
NA	T1-091907-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1234	1234	4318
NA	T1-091907-22	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1246	1246	4329
NA	T1-091907-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1317	1317	4401
NA	T1-091907-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1492	1492	4575
NA	T1-091907-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1488	1488	4571
NA	T1-091907-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1530	1530	4613
NA	T1-091907-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1588	1588	4671
NA	T1-091907-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1634	1634	4717
NA	T1-091907-29	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1785	1785	4868
NA	T1-091907-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1611	1611	4695
NA	T1-091907-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2016	2016	5099
NA	T1-091907-32	Testudines - Shell	Tub	Tribal Lands	NFO	2034	2034	5118
NA	T1-091907-33	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2248	2248	> 1 mile

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						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-091907-34	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2238	2238	> 1 mile
NA	T1-091907-35	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2194	2194	5278
NA	T1-091907-36	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2314	2314	> 1 mile
NA	T1-091907-37	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2202	2202	> 1 mile
NA	T1-092007-01	Testudines - Plastron	Tub	Tribal Lands	NFO	1986	1986	5094
NA	T1-092007-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2122	2122	5206
NA	T1-092007-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2160	2160	5261
NA	T1-092007-04	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	2234	2234	5276
NA	T1-092007-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2201	2201	5215
NA	T1-092007-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2212	2212	5230
NA	T1-092007-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1960	1960	4929
NA	T1-092007-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2436	2436	> 1 mile
NA	T1-092007-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1519	1519	4512
NA	T1-092007-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1406	1406	4450
NA	T1-092007-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1374	1374	4410
NA	T1-092007-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1454	1454	4581
NA	T1-092007-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1443	1443	4564
NA	T1-092007-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1563	1563	4695
NA	T1-092007-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1573	1573	4700
NA	T1-092007-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1504	1504	4622
NA	T1-092007-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1555	1555	4666
NA	T1-092007-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1587	1587	4686
NA	T1-092007-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1534	1534	4630
NA	T1-092007-20	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1567	1567	4661
NA	T1-092007-21	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1617	1617	4712
NA	T1-092007-22	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1478	1478	4569
NA	T1-092007-23	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1645	1645	4740
NA	T1-092007-24	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1552	1552	4644

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092007-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1811	1811	4897
NA	T1-092007-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1888	1888	4975
NA	T1-092007-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1898	1898	4984
NA	T1-092007-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1912	1912	4998
NA	T1-092007-29	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1862	1862	4946
NA	T1-092007-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1902	1902	4986
NA	T1-092107-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1027	1027	4111
NA	T1-092107-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1083	1083	4166
NA	T1-092107-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1058	1058	4141
NA	T1-092107-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1055	1055	4138
NA	T1-092107-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1033	1033	4116
NA	T1-092107-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	999	999	4082
NA	T1-092107-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1004	1004	4087
NA	T1-092107-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	931	931	4015
NA	T1-092107-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	943	943	4026
NA	T1-092107-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	919	919	4003
NA	T1-092107-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	879	879	3962
NA	T1-092107-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	862	862	3945
NA	T1-092107-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	874	874	3957
NA	T1-092107-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	890	890	3973
NA	T1-092107-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	794	794	3877
NA	T1-092107-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	810	810	3894
NA	T1-092107-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	715	715	3849
NA	T1-092107-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	486	486	3583
NA	T1-092107-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	435	435	3540
NA	T1-092107-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	392	392	3492
NA	T1-092107-21	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	800	800	3971
NA	T1-092107-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	46	46	3150

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092107-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	152	152	3241
NA	T1-092107-24	Testudines - Limb Bones	Tub	Tribal Lands	NFO	186	186	3269
NA	T1-092107-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	221	221	3305
NA	T1-092107-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	251	251	3334
NA	T1-092107-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	239	239	3322
NA	T1-092107-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	71	71	3154
NA	T1-092107-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	124	124	3207
NA	T1-092107-30	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	149	149	3232
NA	T1-092107-31	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	185	185	3268
NA	T1-092107-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	245	245	3328
NA	T1-092107-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	193	193	3277
NA	T1-092107-34	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	165	165	3248
NA	T1-092107-35	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	429	429	3512
NA	T1-092307-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2611	2611	4443
NA	T1-092307-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2585	2585	4415
NA	T1-092307-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2479	2479	4293
NA	T1-092307-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2391	2391	4213
NA	T1-092307-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2415	2415	4226
NA	T1-092307-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2409	2409	4216
NA	T1-092307-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2382	2382	4187
NA	T1-092307-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2338	2338	4146
NA	T1-092307-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2392	2392	4193
NA	T1-092307-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2411	2411	4211
NA	T1-092307-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2359	2359	4156
NA	T1-092307-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2321	2321	4119
NA	T1-092307-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2226	2226	4026
NA	T1-092307-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2116	2116	3914
NA	T1-092307-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2073	2073	3873

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092307-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1923	1923	3717
NA	T1-092307-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1910	1910	3705
NA	T1-092307-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1726	1726	3519
NA	T1-092307-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1723	1723	3516
NA	T1-092307-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2019	2019	3813
NA	T1-092307-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2012	2012	3806
NA	T1-092307-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2002	2002	3797
NA	T1-092307-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1992	1992	3786
NA	T1-092307-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1963	1963	3757
NA	T1-092307-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2083	2083	3877
NA	T1-092307-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2101	2101	3895
NA	T1-092307-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2137	2137	3930
NA	T1-092307-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2174	2174	3967
NA	T1-092307-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2239	2239	4032
NA	T1-092307-30	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2298	2298	4091
NA	T1-092307-39	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2589	2589	4325
NA	T1-092507-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1768	1768	3521
NA	T1-092507-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2106	2106	3759
NA	T1-092507-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2346	2346	3700
NA	T1-092507-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2358	2358	3693
NA	T1-092507-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2378	2378	3696
NA	T1-092507-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2376	2376	3681
NA	T1-092507-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2302	2302	3231
NA	T1-092507-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2332	2332	3265
NA	T1-092507-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2384	2384	3228
NA	T1-092507-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2382	2382	3217
NA	T1-092507-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2369	2369	3164
NA	T1-092507-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1012

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092507-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1043
NA	T1-092607-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	312	312	3083
NA	T1-092707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	435	435	3700
NA	T1-092707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	197	197	3885
NA	T1-092707-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	199	199	3893
NA	T1-092707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	192	192	3897
NA	T1-092707-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	259	259	4169
NA	T1-092807-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	779	779	4809
NA	T1-092807-02	Testudines - Shell	Tub	Tribal Lands	NFO	654	654	4692
NA	T1-092807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	562	562	4738
NA	T1-102207-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2268	2268	2417
NA	T1-102407-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2094	2094	2276
NA	T1-102407-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2065	2065	2217
NA	T1-102407-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2009	2009	2166
NA	T1-102407-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1796	1796	2012
NA	T1-102407-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1978	1978	2188
NA	T1-102407-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1987	1987	2195
NA	T1-102407-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2078	2078	2300
NA	T1-102407-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2061	2061	2285
NA	T1-102407-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2033	2033	2255
NA	T1-102407-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1679	1679	1925
NA	T1-102407-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1837	1837	2091
NA	T1-102407-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1979	1979	2234
NA	T1-102407-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2015	2015	2329
NA	T1-102407-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2007	2007	2362
NA	T1-102407-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1495	1495	1856
NA	T1-102407-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1634	1634	2006
NA	T1-102407-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	989	989	1278

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-102407-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1630	1630	1939
NA	T1-111507-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2590	2590	> 1 mile
NA	T1-111507-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2582	2582	> 1 mile
NA	T1-111507-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2570	2570	> 1 mile
NA	T1-111507-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2547	2547	> 1 mile
NA	T1-111507-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2490	2490	> 1 mile
NA	T1-111507-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2439	2439	5279
NA	T1-111507-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1063	1063	3412
NA	T1-111507-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1063	1063	3427
NA	T1-111507-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	764	764	3349
NA	T1-111507-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	809	809	3535
NA	T1-111507-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	809	809	3548
NA	T1-111507-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	14	14	2346
NA	T1-111507-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	122	122	2359
NA	T1-111507-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	152	152	2324
NA	T1-111607-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	410	410	3493
NA	T1-111607-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	385	385	3469
NA	T1-111607-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	260	260	3343
NA	T1-111607-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	580	580	3663
NA	T1-111607-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	456	456	3540
NA	T1-111607-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	419	419	3502
NA	T1-111607-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	440	440	3523
NA	T1-111607-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	444	444	3527
NA	T1-111607-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	489	489	3573
NA	T1-111607-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	498	498	3581
NA	T1-111607-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	589	589	3672
NA	T1-111607-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	405	405	3489
NA	T1-111607-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	91	91	3174

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-111607-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	105	105	3188
NA	T1-111607-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	407	407	3490
NA	T1-111607-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	485	485	3568
NA	T1-111607-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	516	516	3599
NA	T1-111607-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	525	525	3608
NA	T1-111607-20	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	109	109	3192
NA	T1-111607-21	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	248	248	3331
NA	T1-111607-22	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	327	327	3410
NA	T1-111607-23	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	324	324	3407
NA	T1-111607-24	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	323	323	3406
NA	T1-111607-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	332	332	3415
NA	T1-111607-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	364	364	3448
NA	T1-111607-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	355	355	3438
NA	T1-111607-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	431	431	3514
NA	T1-111607-29	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	290	290	3373
NA	T1-111607-30	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	254	254	3337
NA	T1-111607-31	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	246	246	3329
NA	T1-111607-32	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	171	171	3254
NA	T1-111607-33	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	252	252	3335
NA	T1-111607-34	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	283	283	3366
NA	T1-111607-35	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	286	286	3369
NA	T1-111607-36	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	265	265	3348
NA	T1-111607-37	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	182	182	3265
NA	T1-111607-38	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	42	42	3125
NA	T1-111607-39	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2810
NA	T1-111607-40	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2983
NA	T1-111607-41	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2793
NA	T1-111607-42	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2807

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-111607-43	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2877
NA	T1-111607-44	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2924
NA	T1-111607-45	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2908
NA	T1-111607-46	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2890
NA	T1-111607-47	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	3008
NA	T1-111607-48	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2947
NA	T1-111607-49	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2906
NA	T1-111607-50	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2999
NA	T1-111607-51	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	15	15	3098
NA	T1-111607-52	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2954
NA	T1-111707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2673
NA	T1-111707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2535
NA	T1-111707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2496
NA	T1-111707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2471
NA	T1-111707-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2406
NA	T1-111707-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2382
NA	T1-111707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2369
NA	T1-111707-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2374
NA	T1-111707-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2548
NA	T1-111707-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2564
NA	T1-111707-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2590
NA	T1-111707-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2962
NA	T1-111807-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	108	108	3209
NA	T1-111807-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	63	63	3169
NA	T1-111807-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	258	258	3414
NA	T1-111807-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	239	239	3394
NA	T1-111807-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	205	205	3359
NA	T1-111807-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	141	141	3304

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-111807-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2473
NA	T1-111807-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2569
NA	T1-111807-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2520
NA	T1-111807-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2574
NA	T1-111807-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2606
NA	T1-111807-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2621
NA	T1-111807-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2691
NA	T1-111807-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2667
NA	T1-111807-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2693
NA	T1-111807-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2431
NA	T1-111807-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2474
NA	T1-111807-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2526
NA	T2-051608-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1423	1423	3562
NA	T2-051608-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1467	1467	3601
NA	T2-051608-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	318	318	2627
NA	T2-051608-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	355	355	2668
NA	T2-051608-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	408	408	2725
NA	T2-051608-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	157	157	2512
NA	T2-051608-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	597	597	447
NA	T2-051608-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	649	649	407
NA	T2-051608-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	674	674	357
NA	T2-051608-10	Testudines - Shell	Tub	Tribal Lands	NFO	370	370	603
NA	T2-051608-11	Testudines - Shell	Tub	Tribal Lands	NFO	381	381	596
NA	T2-051608-12	Testudines - Shell	Tub	Tribal Lands	NFO	455	455	523
NA	T2-051608-13	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	1079
NA	T2-051608-14	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	1063
NA	T2-051608-15	Testudines - Shell	Tub	Tribal Lands	NFO	20	20	954
NA	T2-051608-16	Testudines - Shell	Tub	Tribal Lands	NFO	50	50	991

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-051608-17	Testudines - Shell	Tub	Tribal Lands	NFO	73	73	973
NA	T2-051608-18	Testudines - Shell	Tub	Tribal Lands	NFO	85	85	976
NA	T2-051608-19	Testudines - Shell	Tub	Tribal Lands	NFO	175	175	911
NA	T2-051608-20	Testudines - Shell	Tub	Tribal Lands	NFO	179	179	914
NA	T2-051708-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1047	1047	600
NA	T2-051708-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1074	1074	666
NA	T2-051708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	809	809	1278
NA	T2-051708-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	833	833	1249
NA	T2-051708-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	865	865	1216
NA	T2-051708-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	877	877	1205
NA	T2-051708-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	748	748	1023
NA	T2-051708-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	686	686	802
NA	T2-051708-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	520	520	1543
NA	T2-051808-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	746	746	5128
NA	T2-051808-02	Testudines - Plastron	Tub	Tribal Lands	NFO	769	769	5141
NA	T2-051808-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1313	1313	> 1 mile
NA	T2-051808-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1652	1652	> 1 mile
NA	T2-051808-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1687	1687	> 1 mile
NA	T2-051808-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1705	1705	> 1 mile
NA	T2-051808-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1384	1384	> 1 mile
NA	T2-051808-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1411	1411	> 1 mile
NA	T2-051808-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1678	1678	> 1 mile
NA	T2-051808-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1692	1692	> 1 mile
NA	T2-051808-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1610	1610	> 1 mile
NA	T2-051808-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1738	1738	> 1 mile
NA	T2-051808-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1863	1863	> 1 mile
NA	T2-051808-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1850	1850	> 1 mile
NA	T2-051808-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1833	1833	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-051808-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2155	2155	> 1 mile
NA	T2-051808-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2184	2184	> 1 mile
NA	T2-051808-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2160	2160	> 1 mile
NA	T2-051808-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2141	2141	> 1 mile
NA	T2-051905-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1764	1764	> 1 mile
NA	T2-051905-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1825	1825	> 1 mile
NA	T2-051905-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1819	1819	> 1 mile
NA	T2-051905-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1870	1870	> 1 mile
NA	T2-051905-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1976	1976	> 1 mile
NA	T2-051905-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2005	2005	> 1 mile
NA	T2-051905-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2424	2424	> 1 mile
NA	T2-051905-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2429	2429	> 1 mile
NA	T2-051905-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2420	2420	> 1 mile
NA	T2-051905-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2436	2436	> 1 mile
NA	T2-051905-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2492	2492	> 1 mile
NA	T2-051905-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2341	2341	> 1 mile
NA	T2-051905-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2316	2316	> 1 mile
NA	T2-051905-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2092	2092	> 1 mile
NA	T2-051905-34	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2134	2134	> 1 mile
NA	T2-051905-35	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2149	2149	> 1 mile
NA	T2-051905-36	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2155	2155	> 1 mile
NA	T2-051905-37	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2291	2291	> 1 mile
NA	T2-051908-02	Testudines - Exploded Shell	Qae	Tribal Lands	NFO	0	0	3497
NA	T2-051908-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1774	1774	2046
NA	T2-051908-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1754	1754	2051
NA	T2-051908-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1834	1834	2043
NA	T2-051908-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1845	1845	> 1 mile
NA	T2-052008-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2492	2492	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-052008-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2358	2358	> 1 mile
NA	T2-052008-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2377	2377	> 1 mile
NA	T2-052008-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2465	2465	> 1 mile
NA	T2-052008-08	Testudines - Plastron	Tub	Tribal Lands	NFO	2564	2564	> 1 mile
NA	T2-052008-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2535	2535	> 1 mile
NA	T2-052008-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2499	2499	> 1 mile
NA	T2-052008-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2116	2116	> 1 mile
NA	T2-052008-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2019	2019	> 1 mile
NA	T2-052008-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2134	2134	> 1 mile
NA	T2-052008-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2340	2340	> 1 mile
NA	T2-052008-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2295	2295	> 1 mile
NA	T2-052008-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1902	1902	> 1 mile
NA	T2-052008-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1988	1988	> 1 mile
NA	T2-111407-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2322	2322	4426
NA	T2-111507-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2458	2458	4806
NA	T2-111507-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2308	2308	4637
NA	T2-111507-03	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	1900	1900	4324
NA	T2-111507-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1899	1899	4349
NA	T2-111507-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1879	1879	4436
NA	T2-111507-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2014	2014	4543
NA	T2-111507-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1912	1912	4526
NA	T2-111507-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1863	1863	4589
NA	T2-111507-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	838	838	3853
NA	T2-111507-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	797	797	3792
NA	T2-111507-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	197	197	3215
NA	T2-111507-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	85	85	3137
NA	T2-111507-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	107	107	2986
NA	T2-111507-14	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	54	54	2946

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111507-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	195	195	3060
NA	T2-111507-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	256	256	2991
NA	T2-111507-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	320	320	3015
NA	T2-111507-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	267	267	3110
NA	T2-111507-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	513	513	3345
NA	T2-111507-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	596	596	3456
NA	T2-111507-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	518	518	3401
NA	T2-111507-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2245
NA	T2-111507-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2155
NA	T2-111507-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2063
NA	T2-111607-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2187
NA	T2-111607-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2243
NA	T2-111607-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2240
NA	T2-111607-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	126	126	2866
NA	T2-111607-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2826
NA	T2-111607-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2816
NA	T2-111607-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2833
NA	T2-111607-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2779
NA	T2-111607-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2665
NA	T2-111607-10	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	0	0	2589
NA	T2-111607-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2582
NA	T2-111607-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2184
NA	T2-111607-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2220
NA	T2-111607-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2229
NA	T2-111607-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	11	11	2240
NA	T2-111607-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	251	251	1878
NA	T2-111607-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	243	243	1857
NA	T2-111607-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	251	251	1789

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111607-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	29	29	1943
NA	T2-111607-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2018
NA	T2-111607-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2057
NA	T2-111607-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	161	161	1961
NA	T2-111607-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	257	257	1567
NA	T2-111607-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	242	242	1574
NA	T2-111607-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	214	214	1573
NA	T2-111607-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	244	244	1534
NA	T2-111607-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	238	238	1531
NA	T2-111607-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	179	179	1596
NA	T2-111607-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	74	74	1639
NA	T2-111607-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	120	120	1575
NA	T2-111607-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	51	51	2368
NA	T2-111607-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	112	112	2345
NA	T2-111607-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2119
NA	T2-111607-34	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2121
NA	T2-111707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2392
NA	T2-111707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2351
NA	T2-111707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2433
NA	T2-111707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2249
NA	T2-111707-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	155	155	1936
NA	T2-111707-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	168	168	1926
NA	T2-111707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2355
NA	T2-111707-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	71	71	2013
NA	T2-111707-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	43	43	2041
NA	T2-111707-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	31	31	2053
NA	T2-111707-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2327
NA	T2-111707-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2337

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111707-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2333
NA	T2-111707-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2770
NA	T2-111707-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2773
NA	T2-111707-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2753
NA	T2-111707-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2733
NA	T2-111707-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2717
NA	T2-111707-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2737
NA	T2-111707-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2706
NA	T2-111707-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2709
NA	T2-111707-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2933
NA	T2-111708-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	8	8	2075
NA	T2-111807-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	72	72	3179
NA	T2-111807-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	147	147	3265
NA	T2-111807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	209	209	3332
NA	T2-111807-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	190	190	3328
NA	T2-111807-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	146	146	3306
NA	T2-111807-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2565
NA	T2-111807-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2567
NA	T2-111807-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2688
NA	T2-111907-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	614	614	4012
NA	T2-111907-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	676	676	3897
NA	T2-111907-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	624	624	3855
NA	T2-111907-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	565	565	3828
NA	T2-111907-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	536	536	3799
NA	T2-111907-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	405	405	3700
NA	T2-111907-11	Testudines - Shell	Tub	Tribal Lands	NFO	284	284	3514
NA	T2-111907-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	260	260	3497
NA	T2-111907-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3349

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111907-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3262
NA	T2-111907-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3187
NA	T2-111907-17	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	3150
NA	T2-111907-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3002
NA	T2-111907-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2856
NA	T2-111907-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2964
NA	T2-111907-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3011
NA	T2-111907-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3010
NA	T2-111907-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2994
NA	T2-111907-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2974
NA	T2-111907-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3062
NA	T2-111907-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3074
NA	T2-111907-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3039
NA	T2-111907-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2970
NA	T2-111907-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2931
NA	T2-111907-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3264
NA	T3-041708-01	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1167	1167	> 1 mile
NA	T3-041708-02	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1455	1455	> 1 mile
NA	T3-041708-03	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1670	1670	> 1 mile
NA	T3-041708-04	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1536	1536	> 1 mile
NA	T3-041708-05	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1566	1566	> 1 mile
NA	T3-041708-06	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1443	1443	> 1 mile
NA	T3-041708-07	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1123	1123	> 1 mile
NA	T3-041708-08	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1088	1088	> 1 mile
NA	T3-041708-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	828	828	> 1 mile
NA	T3-041708-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	809	809	> 1 mile
NA	T3-041708-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	854	854	> 1 mile
NA	T3-041708-12	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	757	757	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-041708-13	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	689	689	> 1 mile
NA	T3-041708-14	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	684	684	> 1 mile
NA	T3-041708-15	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	696	696	> 1 mile
NA	T3-041708-16	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1132	1132	> 1 mile
NA	T3-041808-01	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1860	1860	4204
NA	T3-041808-02	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1774	1774	4252
NA	T3-041808-03	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1438	1438	4031
NA	T3-041808-04	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	2359	2359	4249
NA	T3-041808-06	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	748	748	> 1 mile
NA	T3-041908-01	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1621	1621	> 1 mile
NA	T3-041908-02	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1373	1373	> 1 mile
NA	T3-041908-03	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	596	596	> 1 mile
NA	T3-041908-04	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	279	279	> 1 mile
NA	T3-041908-05	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	557	557	> 1 mile
NA	T3-041908-06	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	983	983	> 1 mile
NA	T3-041908-07	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	856	856	> 1 mile
NA	T3-041908-08	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	1432	1432	> 1 mile
NA	T3-042008-06	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	4919	4919	1130
NA	T3-042008-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	4726	4726	1010
NA	T3-042008-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	4739	4739	1010
NA	T3-042008-09	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	4985	4985	1206
NA	T3-042108-01	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	191	191	> 1 mile
NA	T3-042108-02	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	615	615	> 1 mile
NA	T3-042108-03	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	300	300	> 1 mile
NA	T3-042108-04	Testudines - Shell Fragments	Qac	Tribal Lands	NFO	537	537	> 1 mile
NA	T3-042108-05	Testudines - Shell Fragments	Qac	Tribal Lands	NFO	555	555	> 1 mile
NA	T3-042108-06	Testudines - Shell Fragments	Qac	Tribal Lands	NFO	792	792	> 1 mile
NA	T3-042108-07	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	914	914	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-042108-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	984	984	> 1 mile
NA	T3-042108-09	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	965	965	> 1 mile
NA	T3-042108-10	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1048	1048	> 1 mile
NA	T3-042108-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1033	1033	> 1 mile
NA	T3-042108-12	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	996	996	> 1 mile
NA	T3-042108-13	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	787	787	> 1 mile
NA	T3-042108-14	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	808	808	> 1 mile
NA	T3-042108-15	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	738	738	> 1 mile
NA	T3-042108-16	Testudines - Shell	Tul	Tribal Lands	NFO	731	731	> 1 mile
NA	T3-042108-17	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	737	737	> 1 mile
NA	T3-042108-18	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	910	910	> 1 mile
NA	T3-042108-19	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1704	1704	> 1 mile
NA	T3-042108-20	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1841	1841	> 1 mile
NA	T3-042108-21	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1919	1919	> 1 mile
NA	T3-042208-01	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T3-042208-02	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	0	0	> 1 mile
NA	T3-042208-07	Testudines - Shell	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T3-042208-08	Testudines - Shell	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T3-042208-09	Testudines - Shell	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T3-042308-01	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2595	2595	> 1 mile
NA	T3-042308-07	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2622	2622	> 1 mile
NA	T3-042308-08	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2352	2352	> 1 mile
NA	T3-042308-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2327	2327	> 1 mile
NA	T3-042308-10	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2290	2290	> 1 mile
NA	T3-042308-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2369	2369	> 1 mile
NA	T3-042308-12	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2546	2546	> 1 mile
NA	T3-042308-13	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2551	2551	> 1 mile
NA	T3-042308-14	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2495	2495	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-042308-15	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2314	2314	> 1 mile
NA	T3-042308-16	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2167	2167	> 1 mile
NA	T3-042308-17	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2186	2186	> 1 mile
NA	T3-042308-18	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2180	2180	> 1 mile
NA	T3-042308-19	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2148	2148	> 1 mile
NA	T3-042308-20	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2048	2048	> 1 mile
NA	T3-042308-21	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2060	2060	> 1 mile
NA	T3-042308-22	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	180	180	> 1 mile
NA	T3-042308-23	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	332	332	> 1 mile
NA	T3-042308-24	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	377	377	> 1 mile
NA	T3-042308-25	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	0	0	> 1 mile
NA	T3-042308-26	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	579	579	> 1 mile
NA	T3-042308-27	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	430	430	> 1 mile
NA	T3-042308-28	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	120	120	> 1 mile
NA	T3-042308-29	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	93	93	> 1 mile
NA	T3-042308-30	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	198	198	> 1 mile
NA	T3-042308-31	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	175	175	> 1 mile
NA	T3-042308-32	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	256	256	> 1 mile
NA	T3-051308-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2243	2243	4536
NA	T3-051308-04	Testudines - Limb Bones	Tub	Tribal Lands	NFO	2156	2156	4511
NA	T3-051308-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2134	2134	4494
NA	T3-051308-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1370	1370	3389
NA	T3-051308-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1448	1448	3371
NA	T3-051308-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1402	1402	3322
NA	T3-051308-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1402	1402	3212
NA	T3-051408-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1480	1480	3296
NA	T3-051408-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1460	1460	3195
NA	T3-051408-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1393	1393	3008

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-051408-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1079	1079	2733
NA	T3-051408-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1101	1101	2692
NA	T3-051408-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1416	1416	2782
NA	T3-051408-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1622	1622	2952
NA	T3-051408-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1549	1549	3074
NA	T3-051408-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1662	1662	2840
NA	T3-051408-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1656	1656	2824
NA	T3-051408-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1655	1655	2788
NA	T3-051408-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1736	1736	2841
NA	T3-051408-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	581	581	2959
NA	T3-051408-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	619	619	2968
NA	T3-051408-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	537	537	3014
NA	T3-051408-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	456	456	3059
NA	T3-051408-17	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	410	410	3076
NA	T3-051408-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2586
NA	T3-051408-19	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	0	0	2600
NA	T3-051508-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	143	143	813
NA	T3-051508-02	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	985
NA	T3-051508-03	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	816
NA	T3-051508-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	779
NA	T3-051508-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	537
NA	T3-051508-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	424
NA	T3-051508-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1196
NA	T3-051508-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	859
NA	T3-051508-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1271
NA	T3-051508-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1261
NA	T3-051508-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1319
NA	T3-051508-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1330

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-051508-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1333
NA	T3-051508-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	62	62	1844
NA	T3-051608-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	418	418	2749
NA	T3-051608-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	425	425	2744
NA	T3-051608-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2571
NA	T3-051608-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	108	108	1671
NA	T3-051608-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	148	148	1680
NA	T3-051608-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	168	168	1672
NA	T3-051608-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	276	276	1565
NA	T3-051608-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	286	286	1537
NA	T3-051608-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	734	734	520
NA	T3-051608-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	678	678	581
NA	T3-051608-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	682	682	568
NA	T3-051608-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1349
NA	T3-051608-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	279	279	1281
NA	T3-051608-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	246	246	1327
NA	T3-051708-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	214	214	1415
NA	T3-051708-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	274	274	1375
NA	T3-051708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	307	307	1246
NA	T3-051708-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	176	176	1236
NA	T3-051708-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	203	203	1205
NA	T3-051708-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	109	109	1070
NA	T3-051708-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	32	32	1147
NA	T3-051708-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	22	22	1144
NA	T3-051708-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	34	34	1109
NA	T3-051708-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	34	34	1084
NA	T3-051708-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1086
NA	T3-051708-12	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	0	0	1055

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-051708-13	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	1014
NA	T3-051708-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1124
NA	T3-051708-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	1103
NA	T3-051708-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	56	56	1665
NA	T3-051708-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	129	129	1726
NA	T3-051708-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	195	195	1769
NA	T3-051708-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	212	212	1679
NA	T3-111407-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2466	2466	4533
NA	T3-111407-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2301	2301	4423
NA	T3-111407-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2235	2235	4385
NA	T3-111407-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2213	2213	4353
NA	T3-111407-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2202	2202	4331
NA	T3-111407-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2205	2205	4331
NA	T3-111407-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2117	2117	4239
NA	T3-111407-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2127	2127	4240
NA	T3-111507-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2409	2409	5135
NA	T3-111507-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2369	2369	5098
NA	T3-111507-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2278	2278	4980
NA	T3-111507-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2142	2142	4885
NA	T3-111507-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1201	1201	3579
NA	T3-111507-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1141	1141	3539
NA	T3-111507-15	Testudines - Shell	Tub	Tribal Lands	NFO	679	679	3190
NA	T3-111507-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	606	606	3058
NA	T3-111507-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	500	500	2996
NA	T3-111507-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	198	198	2734
NA	T3-111507-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	685	685	3084
NA	T3-111507-20	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2126
NA	T3-111607-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	984	984	3293

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111607-02	Testudines - Shell	Tub	Tribal Lands	NFO	1011	1011	3325
NA	T3-111607-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1148	1148	3272
NA	T3-111607-04	Testudines - Shell	Tub	Tribal Lands	NFO	1009	1009	3066
NA	T3-111607-05	Testudines - Shell	Tub	Tribal Lands	NFO	987	987	3080
NA	T3-111607-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	850	850	2914
NA	T3-111607-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	55	55	2071
NA	T3-111607-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	39	39	2074
NA	T3-111607-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	19	19	1225
NA	T3-111607-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	37	37	1162
NA	T3-111607-11	Testudines - Shell	Tub	Tribal Lands	NFO	123	123	1062
NA	T3-111607-12	Testudines - Shell	Tub	Tribal Lands	NFO	191	191	962
NA	T3-111607-13	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	196	196	964
NA	T3-111607-14	Testudines - Shell	Tub	Tribal Lands	NFO	108	108	1199
NA	T3-111607-15	Testudines - Shell	Tub	Tribal Lands	NFO	144	144	1190
NA	T3-111607-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	233	233	1130
NA	T3-111607-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	40	40	1271
NA	T3-111607-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	57	57	1236
NA	T3-111707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1400
NA	T3-111707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1417
NA	T3-111707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1418
NA	T3-111707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1396
NA	T3-111707-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	148	148	1292
NA	T3-111707-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	65	65	1448
NA	T3-111707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3049
NA	T3-111707-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2604
NA	T3-111707-09	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2412
NA	T3-111707-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2343
NA	T3-111707-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2322

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111707-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2307
NA	T3-111707-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2221
NA	T3-111707-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2354
NA	T3-111707-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2436
NA	T3-111707-16	Testudines - Shell	Tub	Tribal Lands	NFO	11	11	2073
NA	T3-111707-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	34	34	2050
NA	T3-111707-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	72	72	2012
NA	T3-111707-19	Testudines - Shell	Tub	Tribal Lands	NFO	3	3	2081
NA	T3-111707-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2108
NA	T3-111707-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2177
NA	T3-111707-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2180
NA	T3-111707-24	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2242
NA	T3-111707-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2212
NA	T3-111707-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2251
NA	T3-111707-27	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2334
NA	T3-111707-28	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2346
NA	T3-111707-29	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2355
NA	T3-111807-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	62	62	3167
NA	T3-111807-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	53	53	3158
NA	T3-111807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3095
NA	T3-111807-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3035
NA	T3-111807-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2886
NA	T3-111807-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2914
NA	T3-111807-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2942
NA	T3-111807-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2825
NA	T3-111807-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2965
NA	T3-111807-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2701
NA	T3-111807-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2744

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111807-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2901
NA	T3-111807-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2784
NA	T3-111807-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2736
NA	T3-111807-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2778
NA	T3-111807-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2906
NA	T3-111807-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2903
NA	T3-111807-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2945
NA	T3-111807-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3002
NA	T3-111807-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3038
NA	T3-111807-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3033
NA	T3-111807-22	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	0	0	3067
NA	T3-111807-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3131
NA	T3-111807-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3100
NA	T3-111807-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3155
NA	T3-111807-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3171
NA	T3-111807-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3142
NA	T3-111807-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	52	52	3229
NA	T3-111807-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	31	31	3208
NA	T3-111807-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2673
NA	T3-111807-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2456
NA	T3-111807-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2537
NA	T3-111807-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2620
NA	T3-111807-34	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2634
NA	T3-111807-35	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2628
NA	T3-111807-36	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2663
NA	T3-111807-37	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	9	9	3103
NA	T3-111807-38	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3050
NA	T3-111807-39	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3028

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111807-40	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2737
NA	T3-111807-41	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2717
NA	T3-111807-42	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2637
NA	T3-111807-43	Testudines - Plastron	Tub	Tribal Lands	NFO	0	0	2697
NA	T3-111807-44	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2772
NA	T3-111807-45	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2589
NA	T3-111807-46	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2554
NA	T3-111807-47	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2461
NA	T3-111807-48	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2463
NA	T3-111807-49	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2438
NA	T3-111807-50	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2358
NA	T3-111907-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3184
NA	T3-111907-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	3507
NA	T3-111907-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	3509
NA	T3-111907-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	3333
NA	T3-111907-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	3343
NA	T3-111907-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3334
NA	T3-111907-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	16	16	3421
NA	T3-111907-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	23	23	3425
NA	T3-111907-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2866
NA	T3-111907-19	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2824
NA	T3-111907-20	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2770
NA	T3-111907-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	460	460	1884
NA	T3-111907-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	432	432	1895
NA	T3-111907-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2430
NA	T3-111907-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2620
NA	T3-111907-25	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2659
NA	T3-111907-26	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2778

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111907-27	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2982
NA	T3-111907-28	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2956
NA	T3-111907-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2893
NA	T3-111907-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3164
NA	T3-111907-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3147
NA	T3-111907-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3133
NA	T3-111907-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3156
NA	T4-042008-06	Testudines - Shell	Tuc	Tribal Lands	NFO	5258	5258	2603
NA	T4-042008-07	Testudines - Shell	Tub	Tribal Lands	NFO	4675	4675	916
NA	T4-042008-08	Testudines - Shell	Tub	Tribal Lands	NFO	4716	4716	946
NA	T4-042008-09	Testudines - Shell	Tub	Tribal Lands	NFO	4779	4779	986
NA	T4-042008-10	Testudines - Shell	Tub	Tribal Lands	NFO	4842	4842	981
NA	T4-051307-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2422	2422	4318
NA	T4-051307-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1955	1955	4190
NA	T4-051307-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1776	1776	4116
NA	T4-051307-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1408	1408	3854
NA	T4-051307-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1192	1192	3719
NA	T4-051307-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1409	1409	3844
NA	T4-051307-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1527	1527	3773
NA	T4-051307-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1347	1347	3362
NA	T4-051307-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1288	1288	3308
NA	T4-051307-11	Testudines - Shell	Tub	Tribal Lands	NFO	1269	1269	3265
NA	T4-051307-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1189	1189	3166
NA	T4-051307-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1192	1192	3038
NA	T4-051307-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1188	1188	3048
NA	T4-051408-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1061	1061	3405
NA	T4-051408-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1073	1073	3439
NA	T4-051408-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1114	1114	3568

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-051408-04	Testudines - Carpace	Tub	Tribal Lands	NFO	731	731	3171
NA	T4-051408-05	Testudines - Carpace	Tub	Tribal Lands	NFO	687	687	3063
NA	T4-051408-06	Testudines - Shell	Tub	Tribal Lands	NFO	702	702	3021
NA	T4-051408-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	616	616	2958
NA	T4-051408-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	681	681	2866
NA	T4-051408-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	935	935	3067
NA	T4-051408-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	890	890	2874
NA	T4-051408-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	995	995	2921
NA	T4-051408-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	984	984	2940
NA	T4-051408-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1002	1002	3007
NA	T4-051408-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	883	883	2957
NA	T4-051608-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	969	969	3225
NA	T4-051608-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1691	1691	3814
NA	T4-051608-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	344	344	2680
NA	T4-051608-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	376	376	2725
NA	T4-051608-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	309	309	2676
NA	T4-051608-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	560	560	496
NA	T4-051608-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	491	491	554
NA	T4-051608-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	395	395	614
NA	T4-051608-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	241	241	748
NA	T4-051608-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	338	338	636
NA	T4-051608-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	1435
NA	T4-051608-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	1078
NA	T4-051608-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	329	329	693
NA	T4-051608-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	337	337	691
NA	T4-051608-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	373	373	663
NA	T4-051608-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	287	287	775
NA	T4-051608-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	238	238	842

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-051608-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	120	120	984
NA	T4-051608-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	157	157	941
NA	T4-091707-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2272	2272	4138
NA	T4-091707-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2300	2300	4165
NA	T4-091707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2325	2325	4191
NA	T4-091707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2369	2369	4235
NA	T4-091707-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2387	2387	4253
NA	T4-091707-06	Testudines - Limb Bones	Tub	Tribal Lands	NFO	2422	2422	4288
NA	T4-091907-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2435	2435	> 1 mile
NA	T4-091907-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2471	2471	> 1 mile
NA	T4-091907-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2547	2547	> 1 mile
NA	T4-091907-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2632	2632	> 1 mile
NA	T4-091907-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2551	2551	> 1 mile
NA	T4-091907-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2580	2580	> 1 mile
NA	T4-091907-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2406	2406	> 1 mile
NA	T4-091907-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2257	2257	> 1 mile
NA	T4-091907-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2321	2321	> 1 mile
NA	T4-091907-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2245	2245	> 1 mile
NA	T4-091907-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2344	2344	> 1 mile
NA	T4-091907-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2324	2324	> 1 mile
NA	T4-091907-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2136	2136	5224
NA	T4-092007-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2075	2075	5193
NA	T4-092007-02	Testudines - Shell	Tub	Tribal Lands	NFO	2030	2030	5145
NA	T4-092007-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2192	2192	5156
NA	T4-092007-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2189	2189	5144
NA	T4-092007-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2131	2131	5166
NA	T4-092007-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1925	1925	4848
NA	T4-092007-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1912	1912	4852

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-092007-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1620	1620	4745
NA	T4-092007-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1612	1612	4740
NA	T4-092007-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1687	1687	4801
NA	T4-092007-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1677	1677	4782
NA	T4-092007-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1276	1276	4364
NA	T4-092007-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1325	1325	4413
NA	T4-092007-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1497	1497	4585
NA	T4-092007-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1627	1627	4721
NA	T4-092007-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1746	1746	4831
NA	T4-092007-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1677	1677	4762
NA	T4-092007-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1681	1681	4764
NA	T4-092107-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1414	1414	4547
NA	T4-092107-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1421	1421	4544
NA	T4-092107-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1351	1351	4487
NA	T4-092107-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1322	1322	4461
NA	T4-092107-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1264	1264	4403
NA	T4-092107-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1237	1237	4358
NA	T4-092107-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1243	1243	4369
NA	T4-092107-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1386	1386	4509
NA	T4-092107-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1311	1311	4425
NA	T4-092107-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1082	1082	4199
NA	T4-092107-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1124	1124	4236
NA	T4-092107-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	930	930	4061
NA	T4-092107-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	886	886	4033
NA	T4-092107-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	816	816	3969
NA	T4-092107-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	904	904	4039
NA	T4-092107-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	869	869	4023
NA	T4-092107-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	712	712	3848

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-092107-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	834	834	3944
NA	T4-092107-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	812	812	3912
NA	T4-092107-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	802	802	3900
NA	T4-092107-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	868	868	3961
NA	T4-092107-22	Testudines - Shell	Tub	Tribal Lands	NFO	817	817	3905
NA	T4-092107-23	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	942	942	4037
NA	T4-092107-24	Testudines - Shell	Tub	Tribal Lands	NFO	643	643	3762
NA	T4-092107-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	551	551	3693
NA	T4-092107-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	403	403	3528
NA	T4-092107-27	Testudines - Shell	Tub	Tribal Lands	NFO	147	147	3265
NA	T4-092307-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2476	2476	4276
NA	T4-092307-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2226	2226	4021
NA	T4-092307-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2179	2179	3973
NA	T4-092307-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2117	2117	3911
NA	T4-092307-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2064	2064	3857
NA	T4-092307-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2053	2053	3846
NA	T4-092307-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2060	2060	3854
NA	T4-092307-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2044	2044	3839
NA	T4-092307-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2028	2028	3822
NA	T4-092307-12	Testudines - Limb Bones	Tub	Tribal Lands	NFO	2160	2160	3953
NA	T4-092307-13	Testudines - Shell	Tub	Tribal Lands	NFO	2063	2063	3856
NA	T4-092307-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2077	2077	3871
NA	T4-092307-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2201	2201	3928
NA	T4-092307-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2474	2474	4136
NA	T4-092307-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2529	2529	4144
NA	T4-092307-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2576	2576	4161
NA	T4-092407-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2160	2160	2371
NA	T4-092507-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1801	1801	3597

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-092507-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1736	1736	3534
NA	T4-092507-03	Testudines - Shell	Tub	Tribal Lands	NFO	2083	2083	2730
NA	T4-092507-04	Testudines - Shell	Tub	Tribal Lands	NFO	1811	1811	2306
NA	T4-092507-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1864	1864	2343
NA	T4-092507-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	989
NA	T4-092607-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1270
NA	T4-092707-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	914	914	4470
NA	T4-092707-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	847	847	4406
NA	T4-092707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	812	812	4377
NA	T4-092707-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	406	406	4151
NA	T4-092707-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	369	369	4112
NA	T4-092707-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	273	273	4001
NA	T4-092707-07	Testudines - Exploded Shell	Qae	Tribal Lands	NFO	0	0	3867
NA	T4-092707-08	Testudines - Limb Bones	Qae	Tribal Lands	NFO	30	30	3981
NA	T4-092807-01	Testudines - Shell and Limbs	Qae	Tribal Lands	NFO	0	0	4297
NA	T4-092807-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	886	886	> 1 mile
NA	T4-092807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	846	846	5196
NA	T4-092807-04	Testudines - Shell	Tub	Tribal Lands	NFO	618	618	5041
NA	T4-102407-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2151	2151	2385
NA	T4-102407-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2134	2134	2357
NA	T4-102407-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2106	2106	2333
NA	T4-102407-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2132	2132	2381
NA	T4-102407-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1260	1260	1589
NA	T4-102407-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1541	1541	1874
NA	T4-102507-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1927	1927	2268
NA	T4-102507-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1960	1960	2253
NA	T4-102507-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1871	1871	2160
NA	T4-102507-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1856	1856	2144

Fossil Locality ID	Field Number	Fossil Description	Mapped Geologic Formation	Land Ownership	Significance (limited to those within 500 feet of disturbance for non-SWCA localities)	Distance from Route Study Area (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-102507-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1585	1585	1874
NA	T4-102507-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1770	1770	2065
NA	T4-102507-07	Testudines - Shell	Tub	Tribal Lands	NFO	1610	1610	2158
NA	T4-102507-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1646	1646	2163
NA	T4-102507-09	Testudines - Shell	Tub	Tribal Lands	NFO	1670	1670	2171
NA	T4-102507-10	Testudines - Plastron	Tub	Tribal Lands	NFO	1707	1707	2222
NA	T4-102507-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1764	1764	2263
NA	T4-102507-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2162	2162	2891
NA	T4-102507-13	Testudines - Shell	Tub	Tribal Lands	NFO	2047	2047	2614
NA	T4-102507-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2212	2212	2750
NA	T4-102507-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2344	2344	2785

Notes: Qa = piedmont alluvium, undivided; Qac = alluvium and colluvium; Qae = mixed alluvium and eolian; Qaf = alluvial-fan deposits; Qal = alluvium; Qop = older pediment deposits; QTpm = pediment mantle; Tc = Colton Formation; Tgl = Green River Formation, lower member; Tgsl = Green River Formation, sandstone and limestone facies; Tgu = Green River, upper member; TKfn = Flagstaff Limestone and North Horn Formation; Tub = Uinta Formation, member B; Tuc = Uinta Formation, member C; Tul = Uinta Formation, lower member; Tuu = Uinta Formation, upper member

