

The logo for SWCA is positioned vertically on the left side of the page. It consists of the letters 'S', 'W', 'C', and 'A' stacked vertically in a large, blue, serif font. The letters are slightly overlapping and have a subtle gradient.

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

DRAFT

DECEMBER 2019

PREPARED FOR
HDR Engineering, Inc.

PREPARED BY
SWCA Environmental Consultants

**PALEONTOLOGICAL RESOURCE
IMPACT EVALUATION REPORT ALONG
PROPONENT-PROPOSED ROUTES FOR THE
UINTA BASIN RAILWAY PROJECT IN
UTAH, CARBON, DUCHESNE, AND UINTAH
COUNTIES, UTAH
DRAFT**

Creation dates of proposed routes (based on GIS data provided by HDR):
Indian Canyon Proposed Route: 11/22/2019 (final data received 11/26/19)
Whitmore Park Proposed Route: 11/22/2019 (final data received 11/26/19)
Wells Draw Proposed Route: 11/22/2019 (final data received 11/26/19)

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INTRODUCTION

The Seven County Infrastructure Coalition (Coalition) proposes to construct and operate an approximately 80-mile 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 located 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 approximately 83 miles long 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 approximately 89 miles long 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 approximately 106 miles long 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 route cannot meet the Project purpose and need, it will not be carried forward in detailed evaluation during EIS preparation because the Coalition does not feel it is a viable Project alternative.

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 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 in order to provide complete information about every route. The Craig route is not covered in this analysis since the decision was made not to carry it forward prior to initiation the paleontological desktop analysis.

This report reviews what paleontological resources are and their importance; summarizes current regulations that govern fossil locations, reporting procedures, and collecting; 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 100K 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 GIS data provided by HDR with the following creation dates:

- Indian Canyon Proposed Route: 11/22/2019 (final data received 11/26/19)
- Whitmore Park Proposed Route: 11/22/2019 (final data received 11/26/19)
- Wells Draw Proposed Route: 11/22/2019 (final data received 11/26/19)

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 route corridor is on the following lands: Private land, Tribal land, Public land regulated by BLM, Public land regulated by USFS, and State land 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 (Figures 1–6).

The Whitmore Park Proposed Route incorporates engineering changes intended to address challenging areas along the Indian Canyon Proposed Route (the Coalition’s preferred alignment) 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 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 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 alignment was shifted south to bypass all current homes in the subdivision by at least 1000 feet. This shift allows for similar railroad operation and results in less impact 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 routes do not coincide for a significant distance on that end.

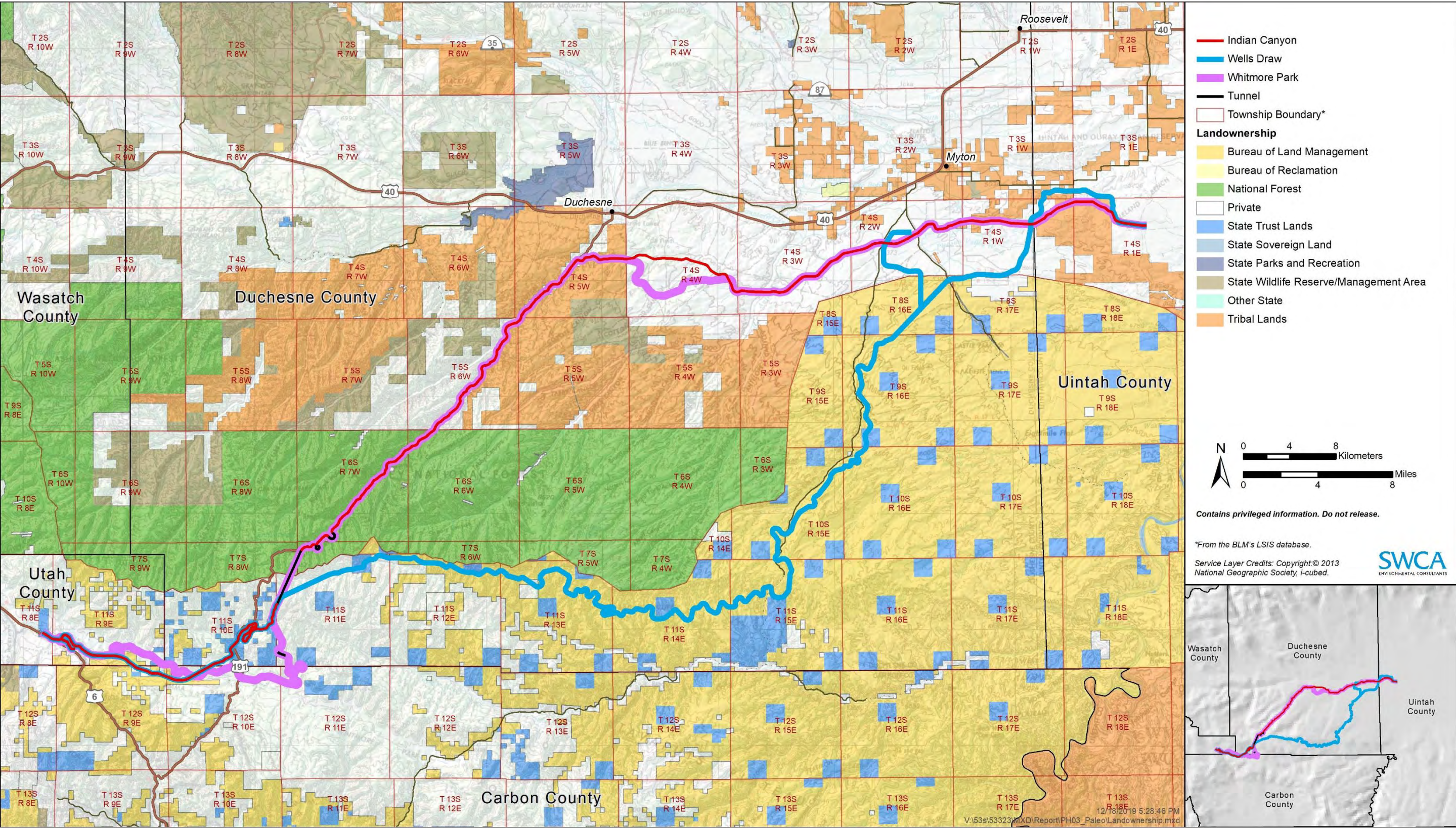
The Whitmore Park Proposed Route passes through four counties: Utah, Carbon, Duchesne, and Uintah. Within those four counties, the route corridor is on the following lands: Private land, Tribal land, Public land regulated by BLM, Public land regulated by USFS, and State land regulated by SITLA.

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 (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 route corridor is on the following lands: Private land; Public land regulated by BLM; State land regulated by SITLA.

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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 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 which occurs on public land as a national legacy for future generations.

The BLM's *Assessment and Mitigation of Potential Impacts to Paleontological Resources* 1 (BLM 2008) 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 analysis area crosses state, federal, 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 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 Paleontological Resources Preservation Act (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*, 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

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 that 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).

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.

USFS defines significant finds using criteria outlined in the *Training Guide for Management of Paleontological Resources* (USFS 2005). 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 which 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 United States Department of Agriculture Forest Service Authorization for Paleontological Resources Research or Collection Permit is required prior to conducting paleontological resource investigations prior on USFS land.

State of Utah Authorities

Utah State Code 79-3-501–79-3-510 states that paleontological resources are important and requires 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 School and Institutional Trust Lands Administration. 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 prefer 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 analysis area. Table 2 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 were ranked 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 2 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 utilizing the BLM PFYC designations previously made by the regional paleontologist (Foss 2007) and the results of the literature and records searches conducted for this, and previous impact evaluations. Fossils typically found in the geologic units within the analysis area are summarized in Table 2 and a more detailed descriptions of each are provided in the Literature Review section.

Table 1. Mapped Geologic Units Crossed by the Analysis 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	22.24	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	0.36	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	17.56	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	Ts, Tu	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, mammals), invertebrates (insects, arthropods, mollusks), plants, 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	20.52	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, two mammal localities that include a marsupial. Flagstaff Limestone is known for a gastropods and pelecypods assemblage	4	0.85	1.18	0.85

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.

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

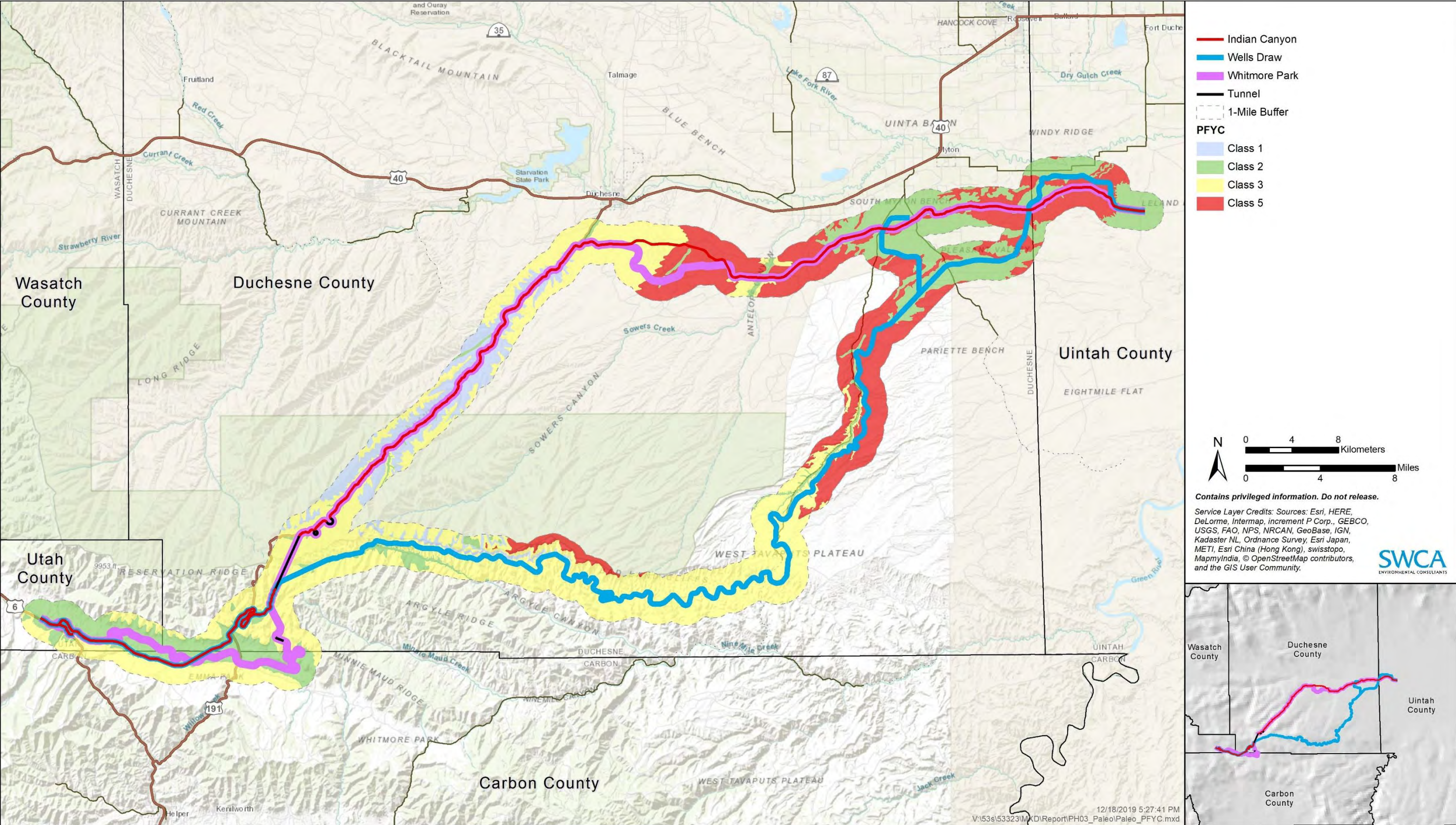


Figure 2. Project PFYC overview (modified from Foss 2007).

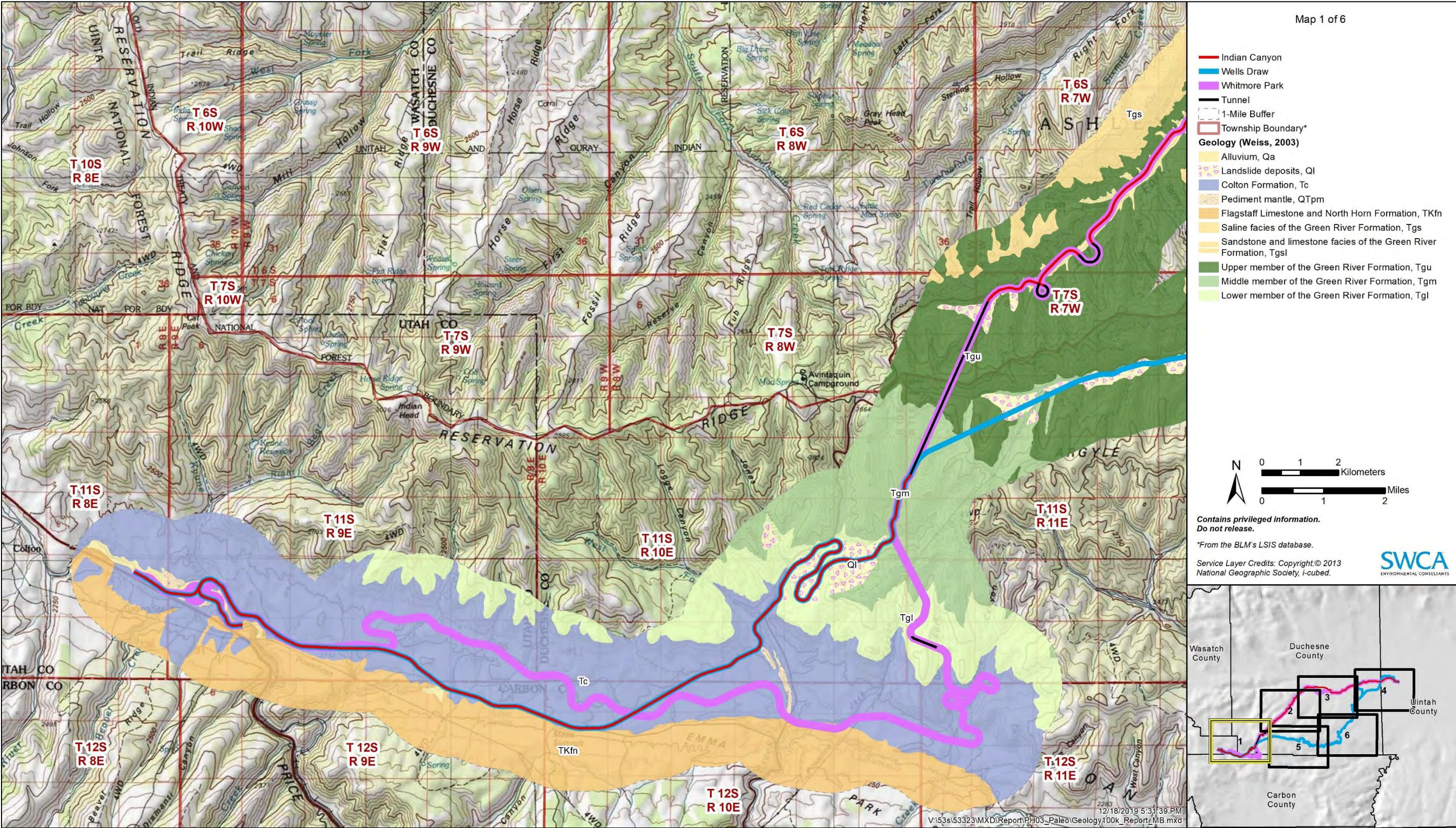


Figure 3. Geologic formations for the southernmost portion of the Indian Canyon, Whitmore Park, and Wells Draw Proposed Routes.

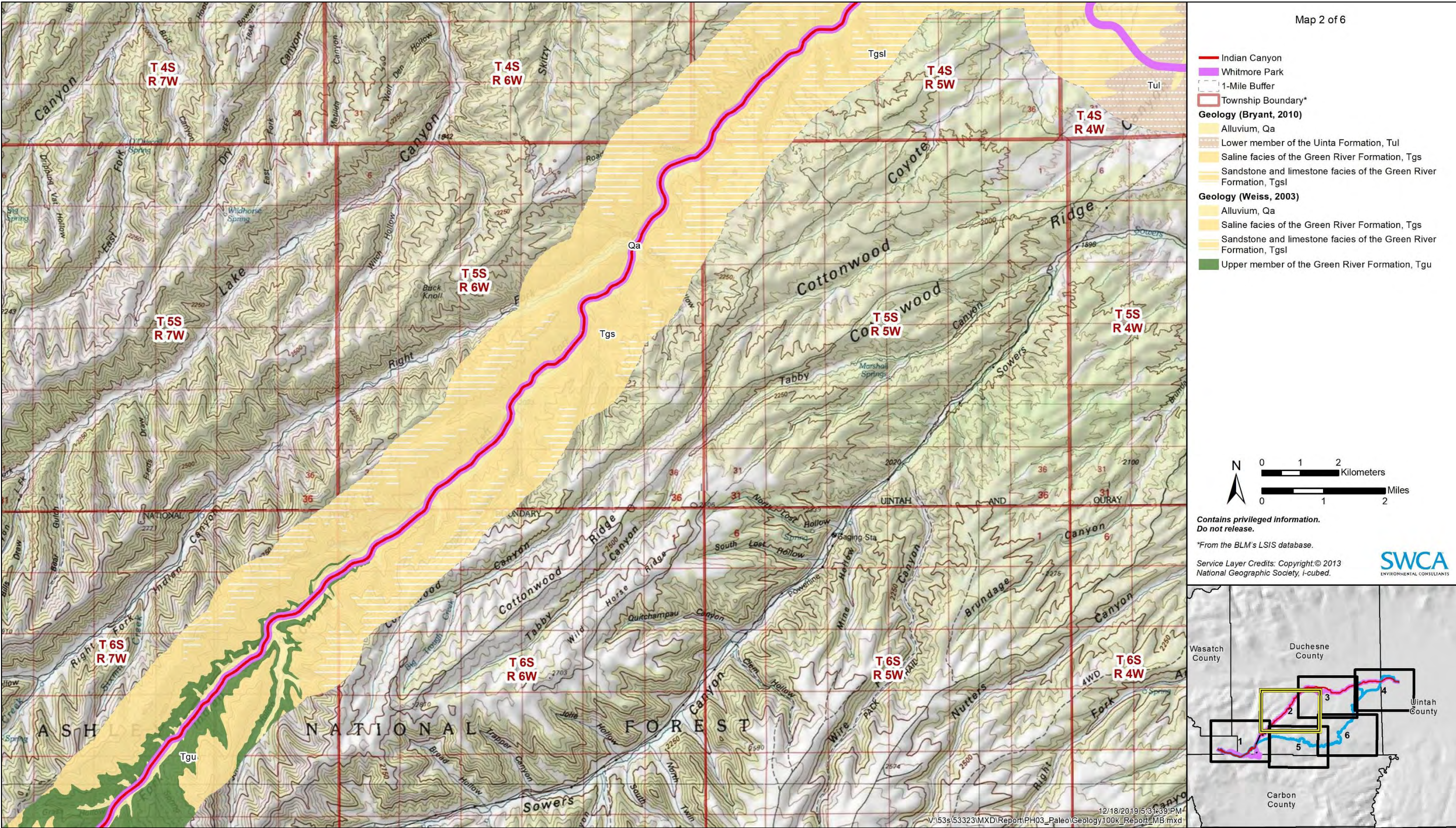


Figure 4. Geologic formations for the southcentral portion of the Indian Canyon and Whitmore Park Proposed Routes.

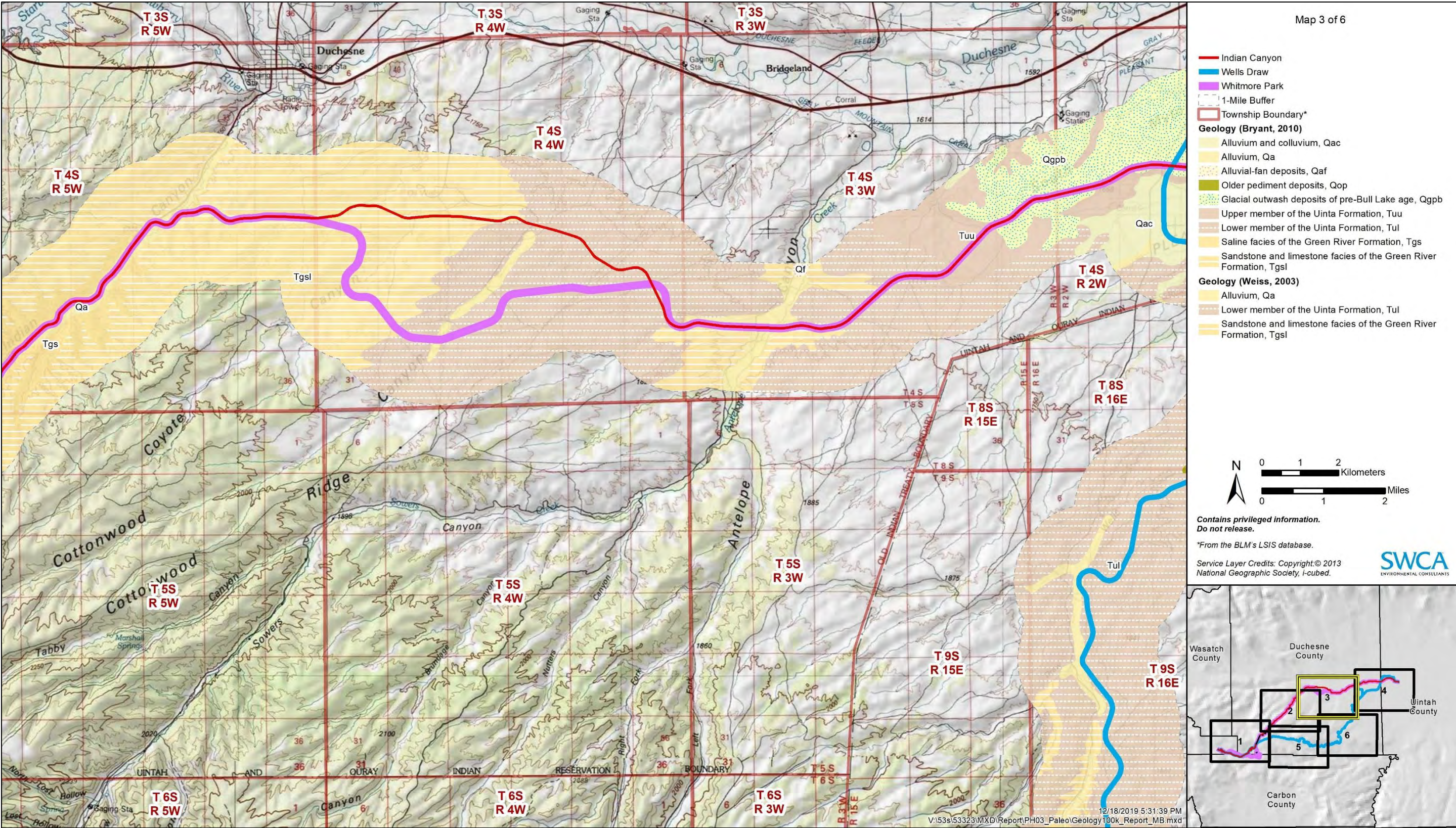


Figure 5. Geologic formations for the northcentral portion of the Indian Canyon, Whitmore Park, and Wells Draw Proposed Routes.

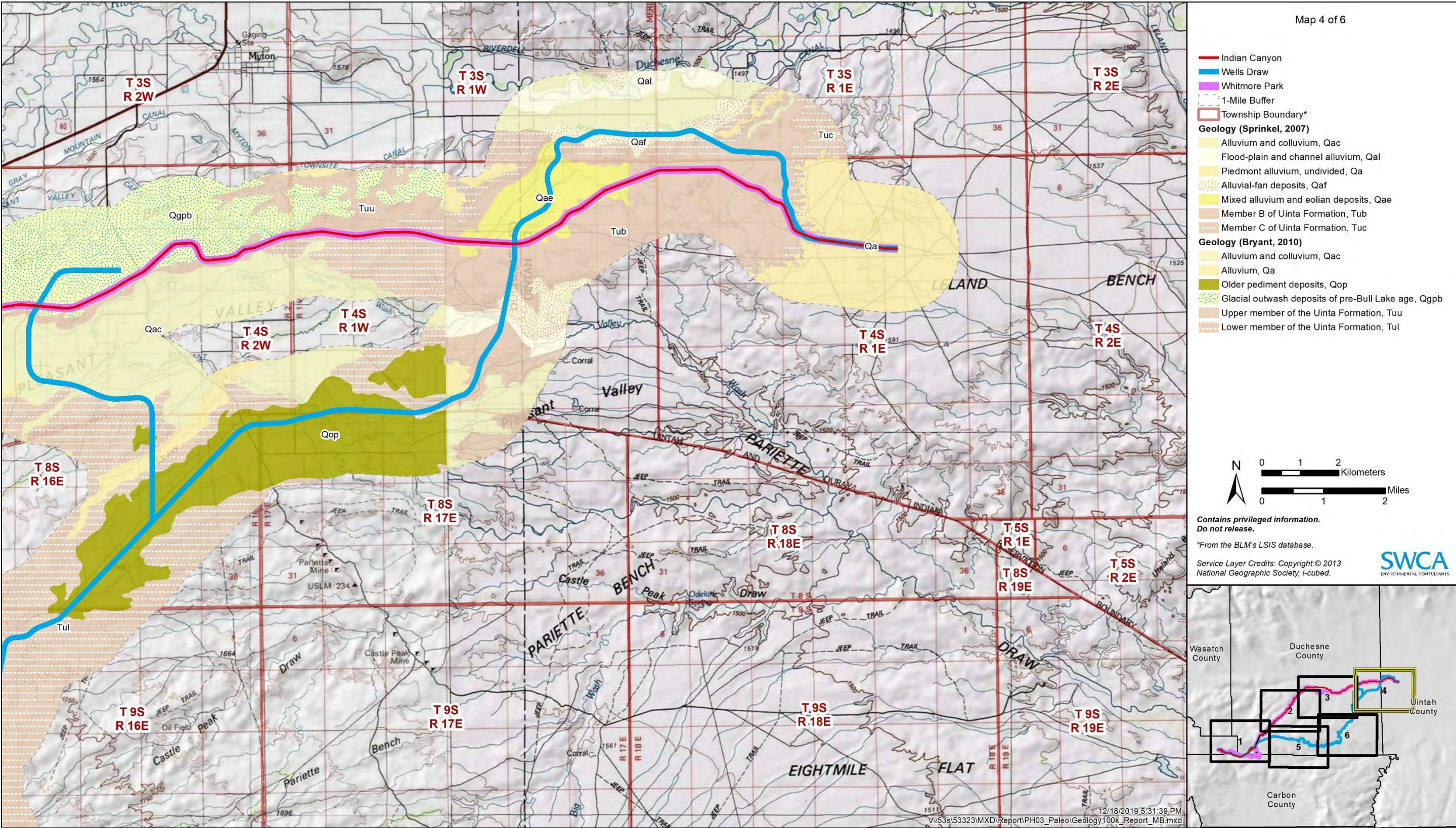


Figure 6. Geologic formations for the northernmost portion of the Indian Canyon, Whitmore Park, and Wells Draw Proposed Routes.

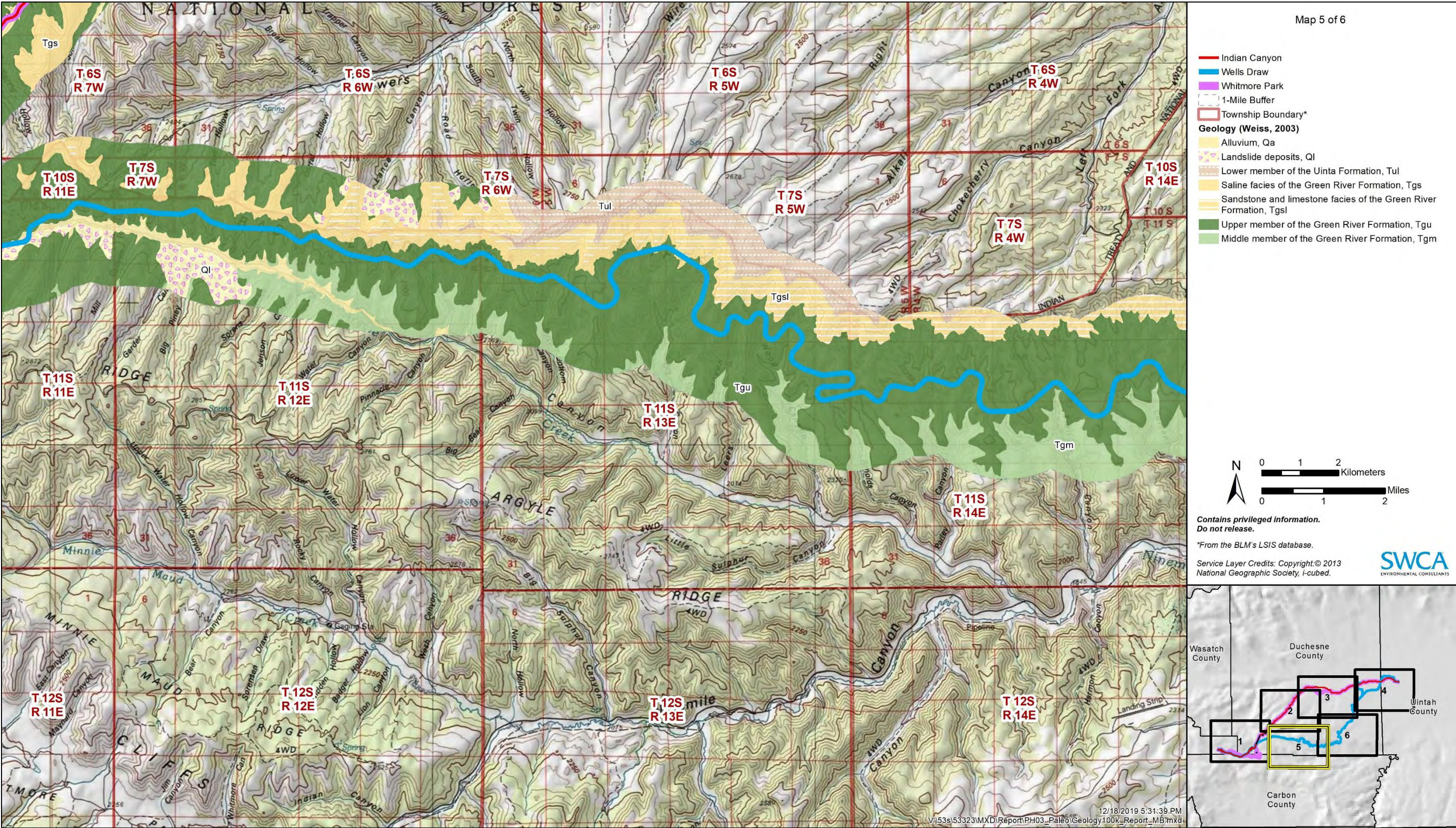
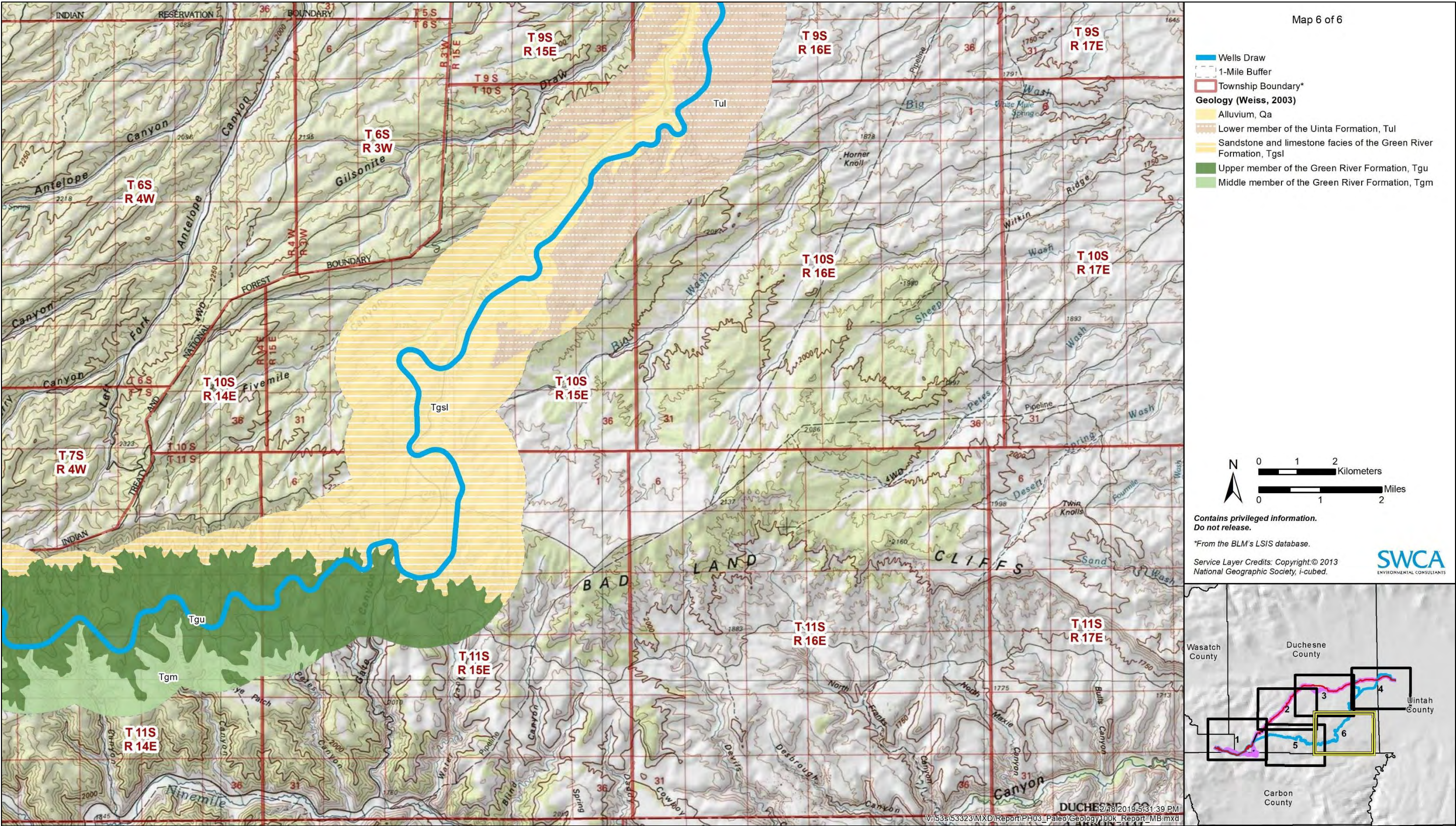


Figure 7. Geologic formations for the southcentral portion of the Wells Draw Proposed Route.



Records Search

SWCA requested paleontological records from the Utah Geological Survey to determine whether any previously recorded fossil localities occur in the analysis area, assess the potential for disturbance of these localities during construction, and evaluate the paleontological sensitivity of the analysis 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 2422 (BLM = 65, USFS = 1, Tribal = 2328, State = 8, Private = 20) recorded fossil localities within 1-mile of the analysis 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 = 1615) are included. The majority (N > 1991) 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 ROW	2341	2342	1519
Number of Localities in 500-feet of the ROW	356	354	19
Number of Important Localities in 500-feet of the ROW	71	70	9
Number of Localities in the ROW	170	171	4
Number of Important Localities in the ROW	25	26	1
Number Private Localities in the ROW	1	2	1
Number Federal Localities in the ROW	0	0	3
Number State Localities in the ROW	0	0	0

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 analysis area.

Literature Review

The Uinta Basin Railway Project crosses from the interstate railway network in Price Canyon, over the mountains in 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 the Uinta Formations. Collectively, these units represent the primary source of upper Paleocene to middle Eocene-aged vertebrate, invertebrate, and plant fossils from northeast Utah, and are therefore of great scientific importance. 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, frogs, as well as mammals that include numerous multituberculates, eutheria (Cifelli et al. 1999) and a juvenile marsupial mammal (Cifelli et al. 1995). 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 KP (KT) 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 1100 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 (Spieker 1946; Weiss et al. 1990; Fouch 1976). La Rocque (1960) described the molluscan fauna which included 4 new species. The total Flagstaff molluscan fauna included 5 freshwater pelecypods, 24 freshwater gastropods, and 8 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 the main body of the Green River Formation and the Flagstaff limestone member of the Green River (or individual Formation) 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 (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, 10-50-meter-thick of pebble conglomerate (Spieker 1946). The formation, 660-1170 feet thick in the northwest portion of the Price quadrangle, thickens southward to 1650-2770 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) report 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 over 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 *Haliobatis* 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 Trionychoidea, 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 (Gunnell 1997, 2003; Gunnell and Bartels 1994, 1999; Froehlich and Breithaupt 1998; 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, unpublished); 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 fossil 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 on covering previously unknown paleontological resource that may be mitigated. 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 are incremental effects and constitute the long-term loss to society as whole of the scientific information that would have been available if surface-disturbing actions near the analysis area had not taken place.

As outlined in the proceeding sections this impact evaluation was accomplished by identifying mapped areas of potentially fossiliferous geologic units through a review of 100K 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 80-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 356 localities within 500 feet, 71 (USFS = 1, Private = 1, State = 2, Tribal = 67) of these are important including a portion of the Myton Pocket area (multiple individual localities). The 86-mile long Whitmore Park Proposed Route is similar in that there are 354 localities within 500 feet, 70 (USFS = 1, Private = 2, Tribal = 67) of these are important including a portion of the Myton Pocket area (multiple individual localities); and it crosses 20.5 miles of PFYC Class 3, 14.4 miles of PFYC Class 3 or 4, and 17.6 miles of PFYC Class 5. The longest route, the 105-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 19 localities within 500 feet, 9 (BLM = 5, Private = 2, State = 2) of these are important.

Based on this impact assessment, although Wells Draw Proposed Route is longer, it is preferred, as it does not impact the Uinta Formation Myton Pocket paleontological area, crosses less badlands exposures of the Uinta Formation, 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 impact to important paleontological resources between the proposed routes.

PALEONTOLOGICAL RESOURCE MITIGATION RECOMMENDATIONS

The results of pre-construction technical research (fossil locality record searches, geologic map reviews, literature searches, input from technical experts, regulatory requirements, and agency consultation) and pre-construction field surveys result in standard paleontological resource recommendations including clearance, avoidance, salvage, sampling, and monitoring, and may include combinations of these recommendations. 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 the 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 was found during construction.

SWCA recommends that agency consultation to determine detailed Project requirements. 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 (m ²) 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 during field survey or monitoring activities, indicator fossils, such as fragments of bones and teeth, are found, 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 Right-of-Way (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 Right-of-way (sorted by Fossil Locality Number)

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Cb0022		Gastropods: Hydrobia, Lymnaea, Vivparus, Gyraulus, Physa; charophytes; ostracodes	QTpm	State Trust Lands	-	2785	1347	2785
Cb0185	PS #21C-10-12-10	Survey for Pioneer State #21C-10-12-10. Fresh water mollusk fragements - bivalves, gastropods. Insignificant locality - nothing collected.	TKfn	Private	-	5159	2357	5158
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	> 1 mile
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	100	100	> 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	102	> 1 mile	102
Dc0021		Ostracodes; Cramer, 1950 (M.S. thesis, Univ Illinois)	Tgl	State Trust Lands	important	232	3418	232
Dc0087		ostracodes	Tc	State Trust Lands	-	1745	2745	1745
Dc0093		some paleontological specimens of Eocene wood were located and collected.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1655
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	1023
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	1942
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	1382
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	854
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	1043
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	680
Dc0166		Specimens observed: Plant stem impressions in a rusty sandstone.	Tul	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	360
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	2016
Dc0168		Specimens observed: Plant stem impressions in sandstone.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1956
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	356

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
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	32
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	17
Dc0173		Specimens observed: Turtle shell fragments weathering out of northwest side of a knoll.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1578
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	722
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	230
Dc0177		"Specimens collected: two small pieces of float with fragments of bird? bone. Specimens observed: at least three trackways of large mammals (Amynodon? or Titanotheres?). These consist of sets of 4 to 9 tracks. Other possible trackways as well as tra"	Tul	Bureau of Land Management	important	> 1 mile	> 1 mile	151
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	1983
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	1560
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	1106
Dc0181		Specimens observed: several fragments of turtle shell in slope wash on the hillside.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1686
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	939
Dc0184		Specimens observed: Wood imprints in a tan and rusty medium grain sandstone.	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	2219
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	221
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 northwest	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1432
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	1193
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 impressions.	Qa	Bureau of Land Management	unimportant	> 1 mile	> 1 mile	453

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
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	399
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	98
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	145
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	552
Dc0318		Specimens collected: plant impression in sandstone. Specimens observed: plant impressions in channel sandstone	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	2060
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	420
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	2434	2434	4327
Dc0448	092307-WBG-01	Mammalia: caudal vertebrae, broken scapula, calcaneum, ungual, femoral head, tooth fragment	Tub	Tribal Lands	SFL	2453	2453	4346
Dc0449	092307-WBG-02	Mammalia: edentulous mandible, tooth fragments, vertebral centra, broken longbones with articular surfaces	Tub	Tribal Lands	SFL	2159	2159	3995
Dc0450	092607-MHI-01	Protoreodon sp.: Rp/3-m2, RP3-M2/, L&R distal tibia, vertebrae, assorted misc. postcrania	Tub	Tribal Lands	SFL	353	353	3641
Dc0451	092707-LES-01	Pareumys grangeri: partial Rp/4, Rm/1-2, erupting Rm/3	Tub	Tribal Lands	SFL	145	145	3667
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	746	746	4777
Dc0453	092807-LES-01	Leptoreodon: RM/, Lm/3, vertebrae, metapodial fragments	Tub	Tribal Lands	SFL	769	769	5000
Dc0454	092807-LES-02	Isectolophus sp.: Lm/3, Testudines: shell fragments	Tub	Tribal Lands	SFL	931	931	5206
Dc0455	092807-LES-03	Protylopus: mandible fragments w/ mostly broken molars	Tub	Tribal Lands	SFL	932	932	> 1 mile
Dc0456	092807-LES-04	cf. Artiodactyla: mandibular symphysis, broken tooth	Tub	Tribal Lands	SFL	947	947	> 1 mile
Dc0457	092807-MHI-01	Mammalia: fragmented postcrania, broken longbones, Perissodactyla: astragalus	Tub	Tribal Lands	SFL	279	279	4468
Dc0458	092807-MHI-02	Mammalia: tooth fragment, fragmented skull	Tub	Tribal Lands	SFL	1189	1189	> 1 mile
Dc0459	092807-MHI-03	Protoreodon: broken upper and lower molars, tooth fragments	Tub	Tribal Lands	SFL	1158	1158	> 1 mile
Dc0460	092807-WBG-01	Protylopus sp.: Lm/2-3, RM3/	Tub	Tribal Lands	SFL	913	913	5156
Dc0461	092807-WBG-02	Mammalia: edentulous mandible fragment	Tub	Tribal Lands	SFL	982	982	5216

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Dc0462	092807-WBG-03	Mammalia: very poorly preserved teeth	Tub	Tribal Lands	SFL	1024	1024	5241
Dc0465	111907-LSB-02	Isectolophus: LM1-2/, Protylepus: Rm/1 and broken teeth, Protoreodon: Lp/4-m/1	Tub	Tribal Lands	SFL	287	287	3576
Dc0466	111907-MHI-01	cf. Oromeryx: RM1/, Leptoreodon: Rp/4	Tub	Tribal Lands	SFL	44	44	2703
Dc0467	111907-WBG-02	Epihippus: Ldp/3-4	Tub	Tribal Lands	SFL	0	0	3294
Dc0468	041708-DJD-01	Crocodylia: edentulous jaw fragment and postcranial fragments	Tuu	Tribal Lands	SFL	1550	1550	> 1 mile
Dc0469	041708-MHI-01	Crocodylia: osteoderm and limb fragments	Tuc	Tribal Lands	SFL	1391	1391	4678
Dc0470	041708-WBG-01	Crocodylia: osteoderm and tooth fragments	Tuc	Tribal Lands	SFL	2068	2068	> 1 mile
Dc0471	041908-WBG-01	Mammalia: maxilla fragment w/ fragmentary teeth, postcranial elements, Testudines: shell fragments	Tuu	Tribal Lands	SFL	1354	1354	> 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	Tripopus: 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	> 1 mile	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	2484	2484	3445
Dc0479	042208-WBG-02	Isectolophus sp.: palate with LP4/-M2/, RM2/, broken upper teeth	Tub	Tribal Lands	SFL	1773	1773	3078
Dc0481	051908-WBG-01	Artiodactyla: tooth fragments, postcrania	Tub	Tribal Lands	SFL	2374	2374	> 1 mile
Dc0482	051908-WBG-01	Artiodactyla: tooth fragments, postcrania	Tub	Tribal Lands	SFL	2374	2374	> 1 mile
Dc0484	052008-WLS-01	cf. Diplobunops: Left dentary w/ teeth, isolated Rp/4	Tub	Tribal Lands	SFL	2636	2636	> 1 mile
Dc0534	GEK-102706-3	Gar scale, not collected	Tul	Bureau of Land Management	SFL	> 1 mile	> 1 mile	1842
Dc0537	GEK-102506-1	Bone fragments and possible gar scale, not collected	Tgsl	Bureau of Land Management	SFL	> 1 mile	> 1 mile	1065
Dc0608	FJ-120620-01	Testudines undet.: shell fragments; Lepisosteidae: scales; Mammalia undet.: limb bone fragments.	Tuu	Private	NFO	2008	2008	> 1 mile
Dc0609	FJ-120620-02	Testudines undet.: articulated shell.	Tuu	Tribal Lands	NFO	2006	2006	> 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	2616
Dc0917	WEM 13-2	bone fragments of a large mammal, gar scales	Tul	Bureau of Land Management	-	> 1 mile	> 1 mile	1049
Un0003		Myton Pocket, original location	Tub	Tribal Lands	important	350	350	2650

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Un2667	091807-LES-02	Hylomeryx: mandible fragmewnt with Lp/4	Tub	Tribal Lands	SFL	2569	2569	> 1 mile
Un2674	091907-SML-01	Artiodactyla: Deciduous upper and lower premolars and molars	Tub	Tribal Lands	SFL	2330	2330	> 1 mile
Un2675	091907-WBG-01	Artiodactyla: misc. tooth fragments and postcrania, Hylomeryx: Rm/1, mandible fragments w/ broken teeth, Mytonolagus: m/	Tub	Tribal Lands	SFL	2381	2381	> 1 mile
Un2676	091907-WBG-02	Trionychidae: partial carapace	Tub	Tribal Lands	SFL	1889	1889	4972
Un2677	092007-LES-01	Protoreodon: Rp/4	Tub	Tribal Lands	SFL	1857	1857	4948
Un2678	092007-SML-01	Protoreodon: mandible fragments w/ L&R p/4	Tub	Tribal Lands	SFL	1972	1972	5065
Un2679	092007-WBG-01	Protoreodon: mandible fragments w/ Rp/4-m1	Tub	Tribal Lands	SFL	1807	1807	4893
Un2680	092107-LES-01	Mammalia: Ulna, metapodial, vertebral centrum	Tub	Tribal Lands	SFL	1423	1423	4525
Un2681	092107-MHI-01	Protoreodon: maxilla fragments w/ LM1-3, RM1-2/ tooth fragments	Tub	Tribal Lands	SFL	603	603	3772
Un2682	092107-MHI-02	Trionychidae: fragmented carapace, Mammalia: podials, metapodials, bone fragments	Tub	Tribal Lands	SFL	321	321	3409
Un2683	092107-MHI-03	Trionychidae: fragmented plastron	Tub	Tribal Lands	SFL	627	627	3711
Un2684	092107-WBG-01	Protoreodon sp.: Rp/4-m2	Tub	Tribal Lands	SFL	884	884	4017
Un2720	102407-DJD-01	Protylopus: Lm/1-2 in mandible	Tub	Tribal Lands	SFL	2244	2244	2477
Un2721	102407-DJD-02	Mammalia: Vertebrae, sesamoids	Tub	Tribal Lands	SFL	1523	1521	1751
Un2722	102407-LES-01	Artiodactyla: maxilla fragment w/ 2 molars	Tub	Tribal Lands	SFL	2555	2555	2675
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	2377	2377	2471
Un2724	102407-WBG-02	Trionychidae: partial plastron	Tub	Tribal Lands	SFL	2413	2413	2539
Un2725	102407-WBG-03	Protoreodon: mandible fragments w/ Lp/3-4, Lm/3, Rm/2, LP3-M1/	Tub	Tribal Lands	SFL	2179	2179	2352
Un2778	111507-GEK-03	Lepisosteus: scales	Tub	Tribal Lands	SFL	1121	1121	3835
Un2779	111507-GEK-04	Crocodylia: cranial fragments	Tub	Tribal Lands	SFL	1369	1369	3715
Un2781	111507-WLS-01	Mammalia: mandible fragment with broken tooth	Tub	Tribal Lands	SFL	1153	1153	3751
Un2782	111607-GEK-01	Protylopus: mandible w/ Lp/2-m/1, mandible fragment with Lp/4	Tub	Tribal Lands	SFL	465	465	1276
Un2783	111607-GEK-02	Leptoreodon: mandible fragment w/ LM1-2/, Trionychidae: shell fragments	Tub	Tribal Lands	SFL	416	416	1504
Un2784	111607-WBG-01	Artiodactyl indet.: fragmented mandible w/ Lp/3-m/2	Tub	Tribal Lands	SFL	605	605	1380
Un2785	111707-GEK-01	Crocodylia: partial skeleton, Testudines: shell fragments	Tub	Tribal Lands	SFL	91	91	2689
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	114	114	2580
Un2787	111707-GEK-03	Leptotomus sp.: L&R M/	Tub	Tribal Lands	SFL	52	52	2650

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Un2788	111707-LSB-01	Hyracodontidae indet.: mandible fragment w/ Rm/2	Tub	Tribal Lands	SFL	113	113	2571
Un2789	111707-PCM-01	Brontotheriidae: Right dentary with all teeth	Tub	Tribal Lands	SFL	0	0	2719
Un2790	111707-PCM-02	Crocodylia: Pair of jaws	Tub	Tribal Lands	SFL	18	18	2693
Un2791	111707-WBG-01	Triplopus sp.: RM2/, Protoreodon sp.: tooth fragments	Tub	Tribal Lands	SFL	64	64	2664
Un2792	111707-WBG-02	cf. Perissodactyla: maxilla fragment? w/ no teeth	Tub	Tribal Lands	SFL	1	1	2683
Un2793	111707-WBG-03	Leptotomus sp.: Lm/1	Tub	Tribal Lands	SFL	0	0	2925
Un2794	111707-WLS-01	Triplopus: Rm/1-2	Tub	Tribal Lands	SFL	0	0	2766
Un2795	111807-GEK-01	Protoreodon: L&R maxillae with teeth, assorted postcrania including phalanges and vertebrae	Tub	Tribal Lands	SFL	0	0	3003
Un2796	111807-GEK-02	Crocodylia: partial skull and skeleton	Tub	Tribal Lands	SFL	63	63	3223
Un2797	111807-GEK-03	Artiodactyla: Rm/? and tooth fragments	Tub	Tribal Lands	SFL	51	51	2670
Un2798	111807-GEK-04	Protoreodon: mandible fragment w/ Rm/2 and broken teeth	Tub	Tribal Lands	SFL	46	46	2678
Un2799	111807-GEK-05	cf. Protoreodon: LM1-2/, badly weathered	Tub	Tribal Lands	SFL	0	0	2743
Un2800	111807-GEK-06	Amynodon: fragmented left dentary with broken teeth	Tub	Tribal Lands	SFL	0	0	2722
Un2801	111807-LSB-01	Mammalia: tooth fragment	Tub	Tribal Lands	SFL	0	0	2838
Un2802	111807-WBG-01	Protoreodon: LM1-3/	Tub	Tribal Lands	SFL	309	309	3485
Un2803	111807-WBG-02	Amynodontidae: extremely encrusted tooth	Tub	Tribal Lands	SFL	0	0	2839
Un2804	111807-WBG-03	Protoreodon: complete left dentary w/ m/1-3	Tub	Tribal Lands	SFL	0	0	2969
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	500	500	3654
Un2806	111807-WLS-02	Epitriplopus: maxilla fragment w/ LM2/	Tub	Tribal Lands	SFL	392	392	3580
Un2807	111807-WLS-03	Protoreodon: Dentary fragment w/ Lp/3, Lm/1; maxilla w/ RM1/	Tub	Tribal Lands	SFL	0	0	2993
Un2818	042008-MHI-01	Lepisosteus: Articulated scales	Tub	Tribal Lands	SFL	5037	5037	1306
Un2827	051308-DJD-01	Protoreodon: cranial fragments, Lm/2, Testudines: shell fragments	Tub	Tribal Lands	SFL	2408	2408	4744
Un2828	051308-DJD-02	Artiodactyla: vertebrae, astragali, calcanei, misc. podials	Tub	Tribal Lands	SFL	1699	1699	3497
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	1670	1670	4125
Un2831	051308-WLS-01	Leptoreodon: Rp/4-m/1	Tub	Tribal Lands	SFL	2265	2265	4487
Un2832	051308-WLS-02	Mammalia: tooth fragments, postcranial fragments	Tub	Tribal Lands	SFL	1665	1665	4122
Un2833	051308-WLS-03	Isectolophus: mandible section with Lp/4-m/3, Crocodylia: frontal bone, Fish: vertebrae	Tub	Tribal Lands	SFL	1742	1740	4041

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Un2834	051308-WLS-04	Protoreodon: maxilla fragment w/ RP3/, RM1-3/, cf. Diplobunops: mandible fragment w/ 1.5 molars	Tub	Tribal Lands	SFL	1499	1498	3360
Un2835	051408-DJD-01	Artiodactyla: RM2-3/	Tub	Tribal Lands	SFL	1184	1184	3273
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	1213	1213	3037
Un2837	051408-DJD-03	Isectolophus: LM2-3/	Tub	Tribal Lands	SFL	1255	1255	3019
Un2838	051408-GEK-01	Protoreodon: Rm/1	Tub	Tribal Lands	SFL	1801	1801	3729
Un2839	051408-GEK-02	Protoreodon: Partial skull and skeleton	Tub	Tribal Lands	SFL	1846	1846	3726
Un2840	051408-GEK-03	Protoreodon: skull, maxilla fragment w/ LM1-2/, misc. post crania	Tub	Tribal Lands	SFL	1845	1845	3713
Un2841	051408-LSB-01	Pentacemylus: Rm/1-2 and fragment of Rm/3	Tub	Tribal Lands	SFL	1855	1855	3709
Un2842	051408-WLS-01	Testudines: shell and plastron fragments	Tub	Tribal Lands	SFL	1259	1259	3137
Un2843	051408-WLS-02	cf. Protoreodon sp.: skull (very fragmented teeth), mandible (teeth still buried), postcranial fragments, Testudines: shell fragments	Tub	Tribal Lands	SFL	1219	1219	3260
Un2844	051508-DJD-01	Artiodactyla: R/p?	Tub	Tribal Lands	SFL	0	0	633
Un2845	051508-GEK-01	Anosteira: Costals, peripherals	Tub	Tribal Lands	SFL	69	69	1034
Un2846	051508-WLS-01	Protoreodon: Rp/3-4, Lp/4, RM1/, fused astragalus and tibia	Tub	Tribal Lands	SFL	1658	1658	2304
Un2847	051608-DJD-01	Protylopus: RM1-2/, broken lower molars, misc. post crania, Mammalia: postcranial fragments, Mammalia: mandible fragment	Tub	Tribal Lands	SFL	163	161	2917
Un2848	051608-DJD-02	Protylopus: LM3/, tooth fragments, Testudines: shell fragments	Tub	Tribal Lands	SFL	519	519	1797
Un2849	051608-DJD-03	Unidentified	Tub	Tribal Lands	SFL	544	544	1666
Un2850	051608-GEK-01	possible croc; verts	Tub	Tribal Lands	SFL	976	976	618
Un2851	051608-GEK-02	Protoreodon: Jaw w/ Lp/4-m/2, broken teeth	Tub	Tribal Lands	SFL	521	521	1178
Un2852	051608-WBG-01	Mammalia: mandible fragment with erupting and broken teeth, podial element, Testudines: shell fragments	Tub	Tribal Lands	SFL	590	590	1753
Un2853	051708-DJD-01	Protoreodon: maxilla and mandible fragments w/teeth, postcranial fragments	Tub	Tribal Lands	SFL	196	196	1559
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	155	155	1602
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	-	802	802	3913
Un3052		Myton Pocket, see Un3051	Tuc	Private	important	2548	2548	0
Un3053		Myton Pocket, see Un3051	Qa	Private	-	1335	1335	1447
Un3054		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1397	1397	3014

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Un3055		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1649	1649	3551
Un3057		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2274	2274	2465
Un3058		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2087	2087	2323
Un3059		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1702	1702	1949
Un3060		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1617	1617	1855
Un3061		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1511	1511	1725
Un3069		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2407	2407	> 1 mile
Un3070		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1121	1121	> 1 mile
Un3071		Myton Pocket, see Un3051	Tub	Tribal Lands	important	314	314	3693
Un3072		Myton Pocket, see Un3051	Tub	Tribal Lands	important	122	122	3608
Un3073		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	3424
Un3074		Myton Pocket, see Un3051	Tub	Tribal Lands	important	150	150	3189
Un3075		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	3122
Un3076		Myton Pocket, see Un3051	Tub	Tribal Lands	-	534	534	2540
Un3077		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1465	1465	4461
Un3078		Myton Pocket, see Un3051	Tub	Tribal Lands	important	245	245	2916
Un3079		Myton Pocket, see Un3051	Tub	Tribal Lands	important	153	153	3260
Un3080		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2910
Un3081		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2538	2538	5105
Un3082		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2285	2285	5189
Un3083		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1959	1959	4822
Un3095		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2429	2429	> 1 mile
Un3100		Myton Pocket, see Un3051	Tub	Tribal Lands	-	2529	2529	> 1 mile
Un3101		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1624	1624	4747
Un3102		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1949	1949	5049
Un3103		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1866	1866	4956
Un3104		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1752	1752	4847
Un3105		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1782	1782	4868

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						Indian Canyon	Whitmore Park	Wells Draw
Un3106		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1897	1897	4981
Un3107		Myton Pocket, see Un3051	Tub	Tribal Lands	-	910	910	4030
Un3108		Myton Pocket, see Un3051	Tub	Tribal Lands	important	314	314	3454
Un3109		Myton Pocket, see Un3051	Tub	Tribal Lands	important	207	207	3293
Un3110		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2880
Un3111		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2730
Un3112		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2897
Un3113		Myton Pocket, see Un3051	Tub	Tribal Lands	important	132	132	2553
Un3114		Myton Pocket, see Un3051	Tub	Tribal Lands	important	32	32	2659
Un3115		Myton Pocket, see Un3051	Tub	Tribal Lands	important	0	0	2845
Un3116		Myton Pocket, see Un3051	Tub	Tribal Lands	-	638	638	3750
Un3117		Myton Pocket, see Un3051	Tub	Tribal Lands	-	969	969	4108
Un3118		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1294	1294	4403
Un3119		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1456	1456	4552
Un3120		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1619	1619	4706
Un3121		Myton Pocket, see Un3051	Tub	Tribal Lands	-	1372	1372	4457
Un3122		Myton Pocket, see Un3051	Tub	Tribal Lands	-	794	794	3878
Un4190	FR-130704-01	Testudines undet. - more than 200 shell fragments; Mammalia undet. - enamel fragment	Tub	Private	NFO	1589	1589	458
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	92	92	3895
Un4201	FR-130705-02	Baenidae undet. - 2 plastron fragments	Qae	Tribal Lands	NFO	122	122	3868
Un4202	FR-130705-03	Testudines undet. - bone fragments	Qae	Tribal Lands	NFO	164	164	3848
Un4203	FR-130705-04	Testudines undet. - 11 shell fragments	Tub	Tribal Lands	NFO	309	309	4131
Un4204	FR-130705-05	Testudines undet. - more than 50 carapace and plastron fragments	Tub	Tribal Lands	NFO	421	421	4228
Un4205	FR-130705-06	?Brontotheriidae undet. - ?mandible with ~75 tooth fragments; Testudines undet. - 15 shell fragments	Tub	Tribal Lands	SFL	394	394	4230
Un4207	FR-130706-01	Mammalia undet. - 40 bone fragments, including a podial, metapodials, phalanges	Tub	Tribal Lands	NFO	824	824	4366
Un5031	FR-120508-05	Artiodactyla: astragalus, caudal vertebrae, phalanges, limb bone fragments.	Tuc	Tribal Lands	SFL	> 1 mile	> 1 mile	1366
Un5032	FR-120509-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	> 1 mile	> 1 mile	1965

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						Indian Canyon	Whitmore Park	Wells Draw
Un5033	FR-120509-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	> 1 mile	> 1 mile	2142
Un5034	FR-120510-01	Mammalia undet.: bone fragments; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	3132	3132	1358
Un5035	FR-120510-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	3149	3149	1338
Un5036	FR-120510-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2669	2669	1814
Un5037	FR-120510-05	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	2661	2661	1810
Un5038	FR-120510-06	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	2664	2664	1809
Un5039	FR-120510-07	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	2465	2465	2079
Un5040	FR-120518-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	3000	3000	871
Un5041	FR-120518-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2913	2913	1009
Un5042	FR-120518-03	Mammalia undet.: skull fragment.	Tuc	Tribal Lands	NFO	2940	2940	1009
Un5043	FR-120518-04	Crocodylia undet.: dentary and other bone fragments.	Tuc	Tribal Lands	SFL	3030	3030	895
Un5044	FR-120518-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	SFL	3011	3011	891
Un5048	FR-120521-01	Testudines undet.: plastron fragments.	Tuc	Tribal Lands	NFO	2798	2798	1203
Un5049	FR-120521-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2781	2781	1199
Un5050	FR-120521-03	Silicified wood impression.	Tuc	Tribal Lands	NFO	2730	2730	1241
Un5051	FR-120521-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2315	2315	1799
Un5052	FR-120522-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2451	2451	1785
Un5053	FR-120523-01	Mammalia undet.: limb bone fragments.	Tub	Tribal Lands	NFO	2064	2064	2113
Un5054	FR-120523-02	Testudines undet.: limb bone fragments, shell fragments.	Tub	Tribal Lands	NFO	2018	2018	2085
Un5055	FR-120523-03	Testudines undet.: carapace and plastron fragments.	Tuc	Tribal Lands	NFO	2183	2183	1580
Un5056	FR-120523-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2289	2289	1278
Un5057	FR-120523-06	Mammalia undet.: limb bone fragments.	Tuc	Tribal Lands	NFO	2883	2883	811
Un5058	FR-120523-07	Mammalia undet.: limb bone fragments.	Tuc	Tribal Lands	NFO	2705	2705	1226
Un5243	FV-120518-02	Testudines undet.: shell fragments, 2 individuals.	Tuc	Tribal Lands	NFO	1931	1931	793
Un5244	FV-120518-03	Testudines undet.: shell fragments, 5 individuals.	Tuc	Tribal Lands	NFO	1885	1885	838
Un5245	FV-120518-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1865	1865	861
Un5246	FV-120518-05	Testudines undet.: shell fragments; Mammalia undet.: bone fragments.	Tuc	Tribal Lands	NFO	1842	1842	883
Un5247	FV-120518-06	Baenidae: shell fragments.	Tuc	Tribal Lands	NFO	1854	1854	876

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						Indian Canyon	Whitmore Park	Wells Draw
Un5248	FV-120518-07	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1850	1850	892
Un5249	FV-120518-08	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1878	1878	875
Un5250	FV-120518-09	Crocodylia undet.: vertebra fragments, limb fragments, jaw? fragments, unidentified bone fragments; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1844	1844	908
Un5251	FV-120518-10	Crocodylia undet.: tooth; Lepisosteidae: scales; Testudines undet.: shell fragments; Mammalia undet.: long bone fragments.	Tuc	Tribal Lands	NFO	1797	1797	958
Un5252	FV-120518-11	Crocodylia undet.: limb bone fragments, osteoderms.	Tuc	Tribal Lands	NFO	1767	1767	990
Un5253	FV-120518-12	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1706	1706	1050
Un5281	FZ-120517-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2905	2905	1344
Un5282	FZ-120517-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2634	2634	1761
Un5283	FZ-120517-03	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2583	2583	1794
Un5284	FZ-120517-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2609	2609	1768
Un5285	FZ-120517-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2408	2408	1993
Un5286	FZ-120517-07	Trionychidae: shell fragments, 2 individuals; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2272	2272	2126
Un5287	FZ-120517-09	Testudines undet.: partial articulated shell.	Tuc	Tribal Lands	NFO	2504	2504	1875
Un5288	FZ-120517-10	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2454	2454	1869
Un5289	FZ-120517-11	Mammalia undet.: calcaneus, astragalus, long bone fragments; Testudinoidea: shell fragments.	Tuc	Tribal Lands	NFO	2362	2362	1957
Un5290	FZ-120517-12	Testudines undet.: articulated carapace.	Tuc	Tribal Lands	NFO	2324	2324	2003
Un5291	FZ-120517-14	Testudines undet.: shell fragments; Coprolite	Tuc	Tribal Lands	NFO	2287	2287	1976
Un5292	FZ-120517-15	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2342	2342	1924
Un5293	FZ-120517-16	Crocodylia (Alligatoridae?): tooth fragments, dentary fragments, osteoderm, vertebra fragments, other bone fragments.	Tuc	Tribal Lands	SFL	2334	2334	1925
Un5294	FZ-120517-18	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2310	2310	2150
Un5295	FZ-120517-19	Crocodylia undet.: bone fragments.	Tuc	Tribal Lands	NFO	2417	2417	2060
Un5296	FZ-120517-20	Testudines undet.: shell fragments, proximal humerus fragment, limb fragments.	Tuc	Tribal Lands	NFO	2456	2456	1987
Un5297	FZ-120517-21	Testudines undet.: articulated plastron fragments; Lepisosteidae: scales.	Tuc	Tribal Lands	NFO	2484	2484	1977
Un5298	FZ-120521-01	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1610	1610	1162
Un5299	FZ-120521-02	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1473	1473	1329
Un5300	FZ-120521-03	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1495	1495	1330
Un5301	FZ-120521-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1744	1744	1077

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
Un5302	FZ-120521-05	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	1748	1748	1058
Un5303	FZ-120521-06	Mammalia undet.: femur fragment.	Tub	Tribal Lands	NFO	705	705	2027
Un5304	FZ-120522-01	Mammalia undet.: mandible fragment.	Tub	Tribal Lands	NFO	1640	1640	1403
Un5305	FZ-120522-02	Mammalia undet.: mandible fragment with teeth.	Tub	Tribal Lands	NFO	1493	1493	1522
Un5306	FZ-120522-03	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	843	843	1959
Un5307	FZ-120522-04	Mammalia undet.: mandible fragment with teeth.	Tub	Tribal Lands	NFO	842	842	1960
Un5308	FZ-120522-05	Testudines undet.: shell fragments.	Qaf	Tribal Lands	NFO	2125	2125	1200
Un5309	FZ-120523-01	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	1802	1802	1610
Un5310	FZ-120523-02	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	1752	1752	1687
Un5311	FZ-120523-03	Testudines undet.: partial carapace and plastron.	Tub	Tribal Lands	NFO	1855	1855	1562
Un5312	FZ-120523-04	Testudines undet.: shell fragments.	Tub	Tribal Lands	NFO	1864	1864	1538
Un5313	FZ-120523-05	Mammalia undet.: jaw fragment.	Tuc	Tribal Lands	NFO	2709	2709	897
Un5314	FZ-120523-06	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2763	2763	820
Un5394	FR-120508-04	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	> 1 mile	> 1 mile	1382
Un5395	FR-120510-03	Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	3190	3190	1294
Un5396	FR-120521-04	Vertebrata undet.: bone fragments.	Tuc	Tribal Lands	SFL	2581	2581	1432
Un5397	FR-120521-06	Vertebrata undet.: bone fragments.	Tuc	Tribal Lands	SFL	2276	2276	1867
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	2315	2315	1890
Un5399	FR-120522-03	Perissodactyla: tooth fragments, bone fragments; Testudines undet.: shell fragments, limb bone fragments; Trionychidae: shell fragments; Coprolite.	Tuc	Tribal Lands	SFL	2250	2250	1988
Un5400	FR-120522-04	Testudines undet.: shell fragments; Mammalia undet.: maxilla and mandible fragments; Silicified wood impressions.	Tuc	Tribal Lands	SFL	2166	2166	2053
Un5401	FR-120523-05	Unidentified plants: leaf impressions.	Tuc	Tribal Lands	NFO	2231	2231	1225
Un5402	FZ-120517-06	Mammalia undet.: calcaneus fragments; Crocodylia undet.: tooth fragments; Testudines undet.: shell fragments; Coprolite.	Tuc	Tribal Lands	NFO	2489	2489	1922
Un5403	FZ-120517-08	Mammalia (Perissodactyla?): tooth fragments, distal metapodial fragment; Testudines undet.: shell fragments.	Tuc	Tribal Lands	NFO	2260	2260	2099
Un5404	FZ-120517-13	Testudines undet.: shell fragments, 3 individuals.	Tuc	Tribal Lands	NFO	2300	2300	1982
Un5405	FZ-120517-17	Lepisosteus sp.: bone fragments; Testudines undet.: shell fragments; Trionychidae: shell fragments.	Tuc	Tribal Lands	NFO	2236	2236	2042
Un5541	FR-130709-01	Testudines undet. - more than 200 shell fragments; Vertebrata undet. - 10 bone fragments	Tub	Tribal Lands	NFO	882	882	4010

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						Indian Canyon	Whitmore Park	Wells Draw
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	> 1 mile	936	4062
Un5543	FR-130709-03	Testudines undet. - 50 shell fragments	Tub	Tribal Lands	NFO	934	934	4080
Un5544	FR-130709-04	Testudines undet. - shell fragments (3+ individuals)	Tub	Tribal Lands	NFO	869	869	4008
Un5545	FR-130709-05	Testudines undet. - shell fragments (4 individuals)	Tub	Tribal Lands	NFO	987	987	4126
Un5546	FR-130709-06	Lepisosteus sp. - scales, ?bone fragments	Tub	Tribal Lands	NFO	1055	1055	4187
Un5547	FR-130709-07	Testudines undet. - 100 shell fragments	Tub	Tribal Lands	NFO	1042	1042	4172
Un5548	FR-130709-08	Testudines undet. - shell fragments (2 individuals)	Tub	Tribal Lands	NFO	1196	1196	4318
Un5549	FR-130709-09	Testudines undet. - shell fragments (3 individuals)	Tub	Tribal Lands	NFO	1240	1240	4370
Un5550	FR-130709-10	Testudines undet. - 25 shell fragments	Tub	Tribal Lands	NFO	1366	1366	4482
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	1373	1373	4477
Un5552	FR-130709-12	Testudines undet. - 100 shell fragments	Tub	Tribal Lands	NFO	1316	1316	4410
Un5553	FR-130709-13	Testudines undet. - shell fragments	Tub	Tribal Lands	NFO	1239	1239	4333
Un5554	FR-130709-14	Testudines undet. - 50 shell fragments (2 individuals)	Tub	Tribal Lands	NFO	1186	1186	4280
Un5555	FR-130709-15	Testudines undet. - shell fragments (4+ individuals)	Tub	Tribal Lands	NFO	1157	1157	4251
Un5556	FR-130709-16	Artiodactyla undet. - maxilla fragments with three partial molars	Tub	Tribal Lands	NFO	1142	1142	4240
Un5557	FR-130709-17	Testudines undet. - shell fragments (4 individuals)	Tub	Tribal Lands	NFO	1125	1125	4224
Un5558	FR-130709-18	Testudines undet. - shell fragments (5 individuals); long bone fragment	Tub	Tribal Lands	NFO	1050	1050	4154
Un5559	FR-130709-19	Testudines undet. - shell fragments (3+ individuals)	Tub	Tribal Lands	NFO	899	899	3995
Un5560	FR-130709-20	Mammalia undet. - 40 long bone fragments	Tub	Tribal Lands	NFO	885	885	3978
Un5561	FR-130709-21	Testudines undet. - 20 shell fragments	Tub	Tribal Lands	NFO	1000	1000	4109
Un5562	FR-130709-22	Testudines undet. - shell fragments	Tub	Tribal Lands	NFO	970	970	4084
Un5563	FR-130709-23	Testudines undet. - shell fragments (at least 8 individuals)	Tub	Tribal Lands	NFO	1133	1133	4243
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	-	5098	5098	2295
Un5691		Turtle shell fragments, probably Echmatemys; mammal femur heads	Tub	Private	important	1658	1658	458
Un5711	P1	turtle shell and debris on south east side of knoll. Turtle shell up to 1.25 cm thick.	Tub	Tribal Lands	-	638	638	2993
Un5761	P51	mammal vertebra and other bone fragments	Tuu	Tribal Lands	-	1281	1281	> 1 mile

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						Indian Canyon	Whitmore Park	Wells Draw
Un5762	P52	turtle fragments scattered across green to maroon hillside	Tuu	Private	-	1813	1813	> 1 mile
Un5763	P53	two turtles circa 11 meters apart. Both in mudstone	Tub	Tribal Lands	-	770	770	3854
Un5764	P54	turtle in mudstone	Tub	Tribal Lands	-	1126	1126	4210
Un5766	P56	mammal fragments in mudstone	Tub	Tribal Lands	-	2519	2519	> 1 mile
Un5767	P57	multiple turtle specimens in mudstone	Tub	Tribal Lands	-	2333	2333	> 1 mile
Un5768	P58	turtle in mudstone	Tub	Tribal Lands	-	2185	2185	5269
Un5769	P59	turtle in mudstone	Tub	Tribal Lands	-	1985	1985	5069
Un5770	P60	turtle in mudstone	Tub	Tribal Lands	important	337	337	2347
Un5771	P61	crocodilian and turtle fragments in mudstone	Tub	Tribal Lands	important	103	103	2678
Un5772	P62	turtle in mudstone	Tub	Tribal Lands	important	268	268	3440
Un5773	P63	multiple turtles in reasonable condition in mudstone	Tub	Tribal Lands	-	519	519	3664
Un5774	P64	turtle spec in mudstone	Tub	Tribal Lands	important	438	438	3599
Un5775	P65	turtle spec in mudstone	Tub	Tribal Lands	-	904	904	4060
Un5776	P66	multiple turtle specs in mudstone	Tub	Tribal Lands	-	1262	1262	4408
Un5777	P67	turtle spec in mudstone	Tub	Tribal Lands	-	1369	1369	4513
Un5778	P68	multiple turtles in mudstone	Tub	Tribal Lands	-	1564	1564	4686
Un5784	P74	turtle in green mudstone. scattered down drainage.	Tub	Tribal Lands	-	781	781	3624
Un5785	P75	several turtles. two weathering out of tan mudstone.	Tub	Tribal Lands	unimportant	489	489	3379
Un5786	P76	large turtle scatter. several turtles just south on knoll	Tub	Tribal Lands	unimportant	335	335	3242
Un5787	P77	fossil rich area. Scattered crocodilian limb bones and several turtles.	Tub	Tribal Lands	important	0	0	2889
Un5788	P78	scattered thick turtle shell in green grey mudstone. One or possibly more individuals.	Tub	Tribal Lands	-	545	545	2090
Un5791	P81	turtle purple mudstone below, green mudstone above.	Tub	Tribal Lands	important	279	279	2427
Un5792	P82	turtle shell fragment scatters	Tub	Tribal Lands	-	1449	1449	3851
Un5796	P86	turtle	Tub	Tribal Lands	important	198	198	1388
Un5797	P87	pale olive slightly bentonitic mudstone. four turtle individuals	Tub	Tribal Lands	-	897	897	748
Un5798	P88	large in situ turtle in mudstone on south of knoll. scattered down slope.	Tub	Tribal Lands	-	628	628	2936
Un5825	P115	echmatemys turtle eroding on west side of knoll 7m below top grey mudstone	Tuu	Tribal Lands	-	1587	1587	> 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	-	1829	1829	4916

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						Indian Canyon	Whitmore Park	Wells Draw
Un5828	P118	echmatemys turtles eroding from grey green mudstone near base of slope. others 20m north	Tub	Tribal Lands	-	1426	1426	4538
Un5829	P119	echmatemys turtles from silty green mudstone units about 12m apart	Tub	Tribal Lands	-	1234	1234	4364
Un5830	P120	echmatemys turtles eroding from mudstone outcrop	Tub	Tribal Lands	-	2226	2226	5149
Un5831	P121	many echmatemys,baenid, n testudo turtles in mudstone badland area in 70m radius	Tub	Tribal Lands	-	2469	2469	> 1 mile
Un5837	P127	echmatemys turtles near base of outcrops for 20m	Tub	Tribal Lands	-	1239	1239	3366
Un5838	P128	apalone and baenid turtles eroding from green grey mudstone on south slope	Tub	Tribal Lands	-	550	550	1622
Un5839	P129	protoreodon jaw fragments on flat ground 8 m north of short ss ledge	Tub	Tribal Lands	-	1325	1325	2954
Un5840	P130	several echmatemys turtles eroding from reddish grey mudstone in 9m area	Tub	Tribal Lands	-	1939	1939	3104
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	-	2024	2024	3132
Un5842	P132	echmatemys reddish grey mudstone	Tub	Tribal Lands	-	1902	1902	3797
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	-	520	520	1155
Un5850	P140	small crocodile verts, scutes, and bone frags in outwash alluvium at base of south facing slope	Tub	Tribal Lands	-	1473	1473	4409
Un6600		turtle and jaw fragments	Tub	Private	unimportant	1631	1631	324
Un6601		Jaw fragment with teeth	Tub	Private	unimportant	1518	1518	240
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	3091
Un6959	FR-151123-02	Testudines undet. - 10+ plastron fragments.	Tuc	Private	NFO	2612	2612	3092
Un7190	Cox 31-3S-1E SESW		Tuc	Private	-	905	905	1814
Ut0481		Fossil freshwater invertebrates (gastropods & bivalves).	TKfn	Private	-	608	584	608
Ut0482		Fossil freshwater invertebrates (gastropods & bivalves).	Tc	Private	-	537	537	538
NA	F1-041708-01	gar scales	Tuu	Tribal Lands	NFO	1388	1388	> 1 mile
NA	F1-041708-02	mammal rib and vertebra fragments	Tuu	Tribal Lands	NFO	1406	1406	> 1 mile
NA	F1-041708-03	gar scales	Qa	Tribal Lands	NFO	2166	2166	5163
NA	F1-041708-04	gar scales, turtle shell and limb fragments	Tuc	Tribal Lands	NFO	1895	1895	4918
NA	F1-041708-05	gar scales, reptile rib and limb fragments	Tuc	Tribal Lands	NFO	1332	1332	4517
NA	F1-041808-01	gar scales	Tuc	Tribal Lands	NFO	2143	2143	4388
NA	F1-041808-02	mammal limb bone fragment	Tuc	Tribal Lands	NFO	2030	2030	4656

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F1-041908-01	gar scales, turtle shell and limb fragments	Tul	Tribal Lands	NFO	1016	1016	> 1 mile
NA	F1-041908-03	edentulous mammal jaw fragment	Tuu	Tribal Lands	NFO	1306	1306	> 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	F1-042208-03	gar scales	Tuc	Tribal Lands	NFO	2509	2509	3415
NA	F1-042208-04	mammal distal humerus	Tuc	Tribal Lands	NFO	2315	2315	3445
NA	F1-042208-05	crocodile tooth and jaw fragments	Tul	Tribal Lands	NFO	2599	2599	> 1 mile
NA	F1-042208-06	coprolite	Tul	Tribal Lands	NFO	2598	2598	> 1 mile
NA	F1-042208-07	small mammal jaw fragments	Tul	Tribal Lands	NFO	2088	2088	> 1 mile
NA	F1-051708-01	mammal rib fragments, turtle shell fragments	Tub	Tribal Lands	NFO	1028	1028	1262
NA	F1-051708-02	gar scales	Tub	Tribal Lands	NFO	597	597	1572
NA	F1-051708-03	mammal rib fragments, turtle shell fragments	Tub	Tribal Lands	NFO	767	767	1274
NA	F1-051808-01	unidentifiable bone fragments	Tub	Tribal Lands	NFO	758	758	2543
NA	F1-091907-01	crocodile scutes, mammal limb bone fragments	Tub	Tribal Lands	NFO	2233	2233	> 1 mile
NA	F1-091907-02	gar scales, turtle shell fragments, mammal limb bone fragments	Tub	Tribal Lands	NFO	1961	1961	5044
NA	F1-091907-03	petrified wood log	Tub	Tribal Lands	NFO	1649	1649	4732
NA	F1-091907-04	mammal rib and limb bone fragments, corcodile scutes, turtle shell fragments	Tub	Tribal Lands	NFO	1314	1314	4397
NA	F1-091907-05	mammal vertebra and limb fragments, and turtle shell fragments	Tub	Tribal Lands	NFO	1694	1694	4777
NA	F1-092007-01	mammal vertebrae and limb bone fragments	Tub	Tribal Lands	NFO	2640	2640	> 1 mile
NA	F1-092007-02	gar scales	Tub	Tribal Lands	NFO	2625	2625	> 1 mile
NA	F1-092107-01	mammal phalanx	Tub	Tribal Lands	NFO	1375	1375	4494
NA	F1-092107-02	mammal limb bone fragment	Tub	Tribal Lands	NFO	1355	1355	4478
NA	F1-092107-03	gar scales and skull bones	Tub	Tribal Lands	NFO	1336	1336	4420
NA	F1-092307-03	mammal limb element	Tub	Tribal Lands	NFO	2612	2612	4514
NA	F1-092307-04	crocodile tooth	Tub	Tribal Lands	NFO	2114	2114	4009
NA	F1-092307-05	large mammal limb fragment	Tub	Tribal Lands	NFO	2430	2430	4323
NA	F1-092507-01	large mammal bone and jaw fragments with tooth roots	Tub	Tribal Lands	NFO	2528	2528	2098

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F1-092507-02	mammal phalanx	Tub	Tribal Lands	NFO	1332	1332	1501
NA	F1-092607-01	mammal limb elements and turtle shell fragments	Tub	Tribal Lands	NFO	20	20	3308
NA	F1-092707-01	mammal vertebra	Tub	Tribal Lands	NFO	928	928	4066
NA	F1-092807-01	mammal phalanx	Tub	Tribal Lands	NFO	1026	1026	5111
NA	F1-092807-02	mammal rib fragments	Tub	Tribal Lands	NFO	1085	1085	5136
NA	F1-092807-03	crocodile tooth, turtle shell fragments	Tub	Tribal Lands	NFO	822	822	5070
NA	F1-092807-04	gar scales, crocodile scute, mammal tooth	Tub	Tribal Lands	NFO	765	765	5022
NA	F1-092807-06	mammal small distal humerus, large rib fragment, limb fragment	Tub	Tribal Lands	NFO	949	949	> 1 mile
NA	F1-102307-06	mammal distal femur, vertebra	Tub	Tribal Lands	NFO	2437	2437	2594
NA	F1-102407-01	mammal postcranial fragments	Tub	Tribal Lands	NFO	2339	2339	2385
NA	F1-102407-02	petrified wood fragments	Tub	Tribal Lands	NFO	1645	1644	1881
NA	F1-102407-03	mammal vertebra	Tub	Tribal Lands	NFO	1658	1658	1863
NA	F1-102407-04	mammal limb fragments	Tub	Tribal Lands	NFO	1836	1836	2040
NA	F1-111607-01	mammal tooth and humerus fragments	Tub	Tribal Lands	NFO	893	893	3977
NA	F1-111607-02	coprolite, unidentifiable bone fragments	Tub	Tribal Lands	NFO	790	790	3874
NA	F1-111607-03	coprolite, unidentifiable bone fragments	Tub	Tribal Lands	NFO	556	556	3640
NA	F1-111707-01	gar scales	Tub	Tribal Lands	NFO	74	74	2642
NA	F1-111707-02	reptile limb bone fragments	Tub	Tribal Lands	NFO	70	70	2640
NA	F1-111707-03	mammal tibia fragment (proximal), gar scales	Tub	Tribal Lands	NFO	0	0	2826
NA	F1-111707-04	mammal vertebra	Tub	Tribal Lands	NFO	0	0	2746
NA	F1-111707-05	crocodile skull fragments	Tub	Tribal Lands	NFO	0	0	2727
NA	F1-111707-06	crocodile skull fragments	Tub	Tribal Lands	NFO	0	0	2790
NA	F1-111707-07	mammal bone fragments, crocodile vertebra and limb fragments	Tub	Tribal Lands	NFO	17	17	2666
NA	F1-111707-08	mammal jaw and tooth fragments	Tub	Tribal Lands	NFO	0	0	2685
NA	F1-111707-09	gar scales	Tub	Tribal Lands	NFO	0	0	2769
NA	F1-111707-10	mammal rib fragments	Tub	Tribal Lands	NFO	0	0	2853
NA	F1-111707-11	mammal limb bone, podial and vertebrae fragments	Tub	Tribal Lands	NFO	0	0	3024
NA	F1-111707-12	mammal bone fragments	Tub	Tribal Lands	NFO	35	35	3118

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F1-111707-13	gar scales	Tub	Tribal Lands	NFO	58	58	3141
NA	F1-111807-01	mammal jaw and enamel fragments, some postcranial materials	Tub	Tribal Lands	NFO	542	542	3695
NA	F1-111807-02	mammal limb fragments	Tub	Tribal Lands	NFO	3	3	2737
NA	F1-111807-03	perissodactyl astragulus and other bone fragments	Tub	Tribal Lands	NFO	23	23	2706
NA	F1-111807-04	crocodile postcranial materials	Tub	Tribal Lands	NFO	5	5	2721
NA	F2-051808-01	petrified wood fragments	Qae	Tribal Lands	NFO	1539	1539	> 1 mile
NA	F2-051808-02	mammal phalanx, calcaneus, vertebra, and limb bone fragments, turtle shell fragments	Tub	Tribal Lands	NFO	2048	2048	> 1 mile
NA	F2-051808-03	mammal limb bone fragment, turtle shell fragments	Tub	Tribal Lands	NFO	2422	2422	> 1 mile
NA	F2-051908-01	mammal astragalus and metatarsal	Qae	Tribal Lands	NFO	147	147	3865
NA	F2-051908-02	gar scales, vertebrae	Qae	Tribal Lands	NFO	128	128	3906
NA	F2-051908-03	mammal limb bone fragments	Qae	Tribal Lands	NFO	240	240	3818
NA	F2-051908-04	gar scales	Qae	Tribal Lands	NFO	214	214	3859
NA	F2-051908-05	crocodile scute	Qae	Tribal Lands	NFO	157	157	3897
NA	F2-051908-06	crocodile vertebra	Qae	Tribal Lands	NFO	117	117	3911
NA	F2-051908-07	mammal tibia fragment (proximal)	Tub	Tribal Lands	NFO	953	953	5256
NA	F2-051908-08	gar scales, turtle shell fragments	Tub	Tribal Lands	NFO	2060	2060	> 1 mile
NA	F2-051908-09	large mammal vertebra and rib fragments	Tub	Tribal Lands	NFO	2131	2131	> 1 mile
NA	F2-051908-20	gar scales	Tub	Tribal Lands	NFO	2174	2174	> 1 mile
NA	F2-051908-21	gar scales	Tub	Tribal Lands	NFO	2244	2244	> 1 mile
NA	F2-051908-22	mammal phalanx	Tub	Tribal Lands	NFO	2330	2330	> 1 mile
NA	F2-052008-01	petrified wood fragments	Tub	Tribal Lands	NFO	2607	2607	> 1 mile
NA	F2-052008-03	mammal pelvis fragments	Tub	Tribal Lands	NFO	2537	2537	> 1 mile
NA	F2-052008-06	mammal postcranial fragments	Tub	Tribal Lands	NFO	2636	2636	> 1 mile
NA	F2-052008-12	large mammal metapodial	Tub	Tribal Lands	NFO	2628	2628	> 1 mile
NA	F2-052008-13	mammal metapodial	Tub	Tribal Lands	NFO	2461	2461	> 1 mile
NA	F2-111607-01	crocodile vertebrae, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	2561
NA	F2-111607-02	reptile proximal limb bone fragment	Tub	Tribal Lands	NFO	0	0	2581
NA	F2-111607-03	gar scales, unidentifiable bone fragments	Tub	Tribal Lands	NFO	0	0	2605

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	F2-111607-04	small mammal limb bone and vertebral fragments	Tub	Tribal Lands	NFO	0	0	2620
NA	F2-111607-05	small mammal distal femur	Tub	Tribal Lands	NFO	0	0	2704
NA	F2-111607-06	unidentifiable bone fragments	Tub	Tribal Lands	NFO	0	0	2768
NA	F2-111607-07	unidentifiable bone fragments	Tub	Tribal Lands	NFO	0	0	2760
NA	F2-111607-08	petrified wood log	Tub	Tribal Lands	NFO	0	0	2952
NA	F2-111607-09	reptile postcranial bone fragments	Tub	Tribal Lands	NFO	0	0	2966
NA	F2-111707-01	mammal enamel tooth fragment, unidentifiable bone fragment	Tub	Tribal Lands	NFO	0	0	3047
NA	F2-111707-02	mammal limb fragments	Tub	Tribal Lands	NFO	129	129	3212
NA	F2-111707-03	reptile maxilla with alveoli	Tub	Tribal Lands	NFO	283	283	3366
NA	F2-111807-01	mammal femur head	Tub	Tribal Lands	NFO	480	480	3618
NA	F2-111807-02	crocodile postcranial materials	Tub	Tribal Lands	NFO	407	407	3569
NA	F2-111807-03	crocodile scute	Tub	Tribal Lands	NFO	24	24	2693
NA	F2-111807-04	edentulous mammal jaw fragment, corcodile scute, turtle shell fragments	Tub	Tribal Lands	NFO	19	19	2701
NA	F2-111907-01	mammal humerus head	Tub	Tribal Lands	NFO	0	0	3343
NA	F2-111907-02	five mammal vertebrae and rib fragments	Tub	Tribal Lands	NFO	0	0	3347
NA	F2-111907-03	enamel tooth fragment	Tub	Tribal Lands	NFO	106	106	3249
NA	F2-111907-04	six crocodile vertebrae	Tub	Tribal Lands	NFO	0	0	3557
NA	F3-041708-01	gar scales	Tul	Tribal Lands	NFO	1322	1322	> 1 mile
NA	F3-041708-02	gar scales, turtle shell fragment	Tuu	Tribal Lands	NFO	1675	1675	> 1 mile
NA	F3-041708-03	gar scales and skull bones	Tuu	Tribal Lands	NFO	1891	1891	> 1 mile
NA	F3-041708-04	petrified wood log	Tuu	Tribal Lands	NFO	1975	1975	> 1 mile
NA	F3-041708-05	gar scales, turtle shell fragments, crocodile vertebra	Tuu	Tribal Lands	NFO	1756	1756	> 1 mile
NA	F3-041708-06	gar scales and skull bones	Tuu	Tribal Lands	NFO	1741	1741	> 1 mile
NA	F3-041708-07	gar scales and skull bones	Tuu	Tribal Lands	NFO	1725	1725	> 1 mile
NA	F3-041708-08	crocodile tooth	Tul	Tribal Lands	NFO	904	904	> 1 mile
NA	F3-041708-09	gar scales	Tul	Tribal Lands	NFO	1143	1143	> 1 mile
NA	F3-041807-02	gar scales, turtle shell fragments	Tuc	Tribal Lands	NFO	1881	1881	4498
NA	F3-041807-03	brontothere proximal femur	Tuc	Tribal Lands	NFO	1798	1798	4385

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	F3-041808-01	gar scales, turtle shell fragments	Tuc	Tribal Lands	NFO	2147	2147	4311
NA	F3-041908-02	unidentifiable bone fragments	Tuu	Tribal Lands	NFO	1179	1179	> 1 mile
NA	F3-041908-03	unidentifiable bone fragments	Tuu	Tribal Lands	NFO	1168	1168	> 1 mile
NA	F3-041908-04	large perissodactyl phalanx and astragalus	Tuu	Tribal Lands	NFO	1051	1051	> 1 mile
NA	F3-042108-01	mammal phalanx	Qac	Tribal Lands	NFO	813	813	> 1 mile
NA	F3-042108-02	mammal limb bone fragments	Tul	Tribal Lands	NFO	1289	1289	> 1 mile
NA	F3-042108-03	mammal bone fragment	Tul	Tribal Lands	NFO	1301	1301	> 1 mile
NA	F3-042108-04	mammal rib	Tul	Tribal Lands	NFO	1262	1262	> 1 mile
NA	F3-042108-05	crocodile tooth, turtle shell fragments	Tul	Tribal Lands	NFO	1031	1031	> 1 mile
NA	F3-042108-06	petrified wood log	Tul	Tribal Lands	NFO	1746	1746	> 1 mile
NA	F3-042108-07	two petrified wood logs	Qac	Tribal Lands	NFO	2261	2261	> 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	F3-042308-02	possible tracks	Tul	Tribal Lands	NFO	2449	2448	> 1 mile
NA	F3-042308-03	gar scales, turtle shell fragments	Tul	Tribal Lands	NFO	2293	2293	> 1 mile
NA	F3-042308-04	vertebrate bone fragments, petrified wood fragments	Tul	Tribal Lands	NFO	677	677	> 1 mile
NA	F3-042308-05	large mammal limb bone fragments	Tul	Tribal Lands	NFO	646	646	> 1 mile
NA	F3-042308-06	large mammal bone	Tul	Tribal Lands	NFO	650	650	> 1 mile
NA	F3-051308-01	mammal bone fragments, crocodile bone fragments, turtle shell fragments, coprolite	Tub	Tribal Lands	NFO	1575	1575	3498
NA	F3-051408-01	mammal jaw fragment with tooth root, turtle shell fragments	Tub	Tribal Lands	NFO	1392	1392	3025
NA	F3-051408-02	unidentifiable vertebrate remains	Tub	Tribal Lands	NFO	1819	1819	3357
NA	F3-051408-03	unidentifiable bone fragments	Tub	Tribal Lands	NFO	845	845	3231
NA	F3-051408-04	unidentifiable bone fragments	Tub	Tribal Lands	NFO	301	301	2932
NA	F3-051408-05	edentulous mammal jaw fragment	Tub	Tribal Lands	NFO	1361	1361	3020
NA	F3-051508-01	gar scales	Tub	Tribal Lands	NFO	143	143	1297
NA	F3-051508-02	artiodactyle premolars (fragmentary)	Tub	Tribal Lands	NFO	62	62	1052

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F3-051508-03	crocodillian limb fragments, skull fragments and miscellaneous bone fragments	Tub	Tribal Lands	NFO	16	16	949
NA	F3-051508-04	mammal enamel fragment, turtle shell fragments	Tub	Tribal Lands	NFO	158	158	1460
NA	F3-051508-05	gastropod shell	Tub	Tribal Lands	NFO	157	157	1508
NA	F3-051508-06	crocodile vertebra	Tub	Tribal Lands	NFO	11	11	1169
NA	F3-051608-01	unidentifiable bone fragments, petrified wood	Tub	Tribal Lands	NFO	35	35	2869
NA	F3-051608-02	mammal large longbone fragments	Tub	Tribal Lands	NFO	218	215	2944
NA	F3-051608-03	mammal tooth enamel fragment	Tub	Tribal Lands	NFO	201	201	2118
NA	F3-051608-04	gar scale	Tub	Tribal Lands	NFO	389	389	1892
NA	F3-051708-01	perisodactyla femur head and radius fragment	Tub	Tribal Lands	NFO	254	253	1365
NA	F3-051708-02	mammal distal humerus, proximal tibia, metapodial, and other bone fragments	Tub	Tribal Lands	NFO	236	236	1367
NA	F3-051708-03	mammal unidentifiable bone fragments	Tub	Tribal Lands	NFO	369	369	1899
NA	F3-051708-04	crocodile scute and femur fragment, turtle shell fragments	Tub	Tribal Lands	NFO	364	364	1948
NA	F3-051708-05	mammal vertebral centrum	Tub	Tribal Lands	NFO	364	364	1971
NA	F3-051708-06	gar scales, skull bones and vertebrae	Tub	Tribal Lands	NFO	492	492	1989
NA	F3-051708-07	mammal distal femur fragment and three vertebrae	Tub	Tribal Lands	NFO	533	533	1967
NA	F3-111507-03	mammal limb fragments	Tub	Tribal Lands	NFO	763	763	3230
NA	F3-111507-04	crocodile tooth	Tub	Tribal Lands	NFO	494	494	3020
NA	F3-111607-01	gar scales	Tub	Tribal Lands	NFO	309	309	1535
NA	F3-111607-02	mammal astragulas	Tub	Tribal Lands	NFO	448	448	1314
NA	F3-111607-03	edentulous mammal jaw fragment	Tub	Tribal Lands	NFO	507	507	1239
NA	F3-111607-04	mammal rib fragment, turtle shell fragments	Tub	Tribal Lands	NFO	462	462	1372
NA	F3-111607-05	mammal jaw fragment	Tub	Tribal Lands	NFO	492	492	1363
NA	F3-111707-01	mammal distal tibia fragment	Tub	Tribal Lands	NFO	86	86	2621
NA	F3-111807-01	petrified wood fragments	Tub	Tribal Lands	NFO	345	345	3464
NA	F3-111807-02	mammal femur head, gar scales	Tub	Tribal Lands	NFO	258	258	3385
NA	F3-111807-03	mammal enamel fragment	Tub	Tribal Lands	NFO	306	306	3424
NA	F3-111807-04	mammal podial bone fragments, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	3046
NA	F3-111807-05	crocodile vertebrae and scute	Tub	Tribal Lands	NFO	0	0	3066

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F3-111807-06	crocodile vertebrae and one scute	Tub	Tribal Lands	NFO	63	63	3214
NA	F3-111807-07	mammal molar fragment, gar scales, turtle shell fragments	Tub	Tribal Lands	NFO	0	0	3092
NA	F3-111807-08	mammal femur head	Tub	Tribal Lands	NFO	364	364	3538
NA	F3-111807-09	mammal limb fragments	Tub	Tribal Lands	NFO	364	364	3547
NA	F3-111807-10	mammal distal humerus	Tub	Tribal Lands	NFO	311	311	3484
NA	F3-111807-11	edentulous crocodile jaw fragments	Tub	Tribal Lands	NFO	0	0	2940
NA	F3-111807-12	gar scales	Tub	Tribal Lands	NFO	0	0	3044
NA	F3-111807-13	gar scales	Tub	Tribal Lands	NFO	0	0	2957
NA	F3-111807-14	edentulous mammal jaw fragments	Tub	Tribal Lands	NFO	0	0	3002
NA	F3-111807-15	gar scales	Tub	Tribal Lands	NFO	0	0	2976
NA	F3-111807-16	gar skull elements	Tub	Tribal Lands	NFO	0	0	3027
NA	F3-111807-17	crocodile femur fragment	Tub	Tribal Lands	NFO	0	0	3035
NA	F3-111907-04	mammal long bone and enamel tooth fragments	Tub	Tribal Lands	NFO	299	299	3836
NA	F3-111907-05	mammal rib fragments	Tub	Tribal Lands	NFO	69	69	3125
NA	F4-051308-02	mammal rib	Tub	Tribal Lands	NFO	1718	1718	4149
NA	F4-051308-03	crocodile skull fragments	Tub	Tribal Lands	NFO	1614	1615	3783
NA	F4-051308-04	fish vertebrae, unidentifiable bone fragments	Tub	Tribal Lands	NFO	1624	1624	3671
NA	F4-051408-01	mammal limb bone fragments	Tub	Tribal Lands	NFO	1318	1318	3413
NA	F4-051408-02	mammal limb bone fragments	Tub	Tribal Lands	NFO	1395	1393	3842
NA	F4-051408-03	crocodile jaw fragment, mammal rib fragment, turtle shell fragments	Tub	Tribal Lands	NFO	985	985	3359
NA	F4-051408-04	mammal humerus, tibia	Tub	Tribal Lands	NFO	955	955	3223
NA	F4-051408-05	mammal tibia	Tub	Tribal Lands	NFO	1230	1230	3214
NA	F4-051408-06	mammal vertebra	Tub	Tribal Lands	NFO	1254	1254	3344
NA	F4-051608-01	mammal rib fragment	Tub	Tribal Lands	NFO	705	705	905
NA	F4-051608-02	two large turtle shells, crocodile? vertebrae fragments	Tub	Tribal Lands	NFO	586	586	998
NA	F4-091907-03	mammal vertebrae, femoral head, long bone fragments	Tub	Tribal Lands	NFO	2312	2312	> 1 mile
NA	F4-091907-04	gar scales and vertebra	Tub	Tribal Lands	NFO	2333	2333	> 1 mile
NA	F4-091907-05	mammal long bone fragments	Tub	Tribal Lands	NFO	2327	2327	> 1 mile

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F4-092007-01	mammal rib fragments	Tub	Tribal Lands	NFO	2303	2303	> 1 mile
NA	F4-092007-02	mammal distal femur	Tub	Tribal Lands	NFO	1934	1934	4953
NA	F4-092007-03	mammal jaw, limb bone and vertebra fragments	Tub	Tribal Lands	NFO	1768	1768	4772
NA	F4-092007-04	crocodile vertebrae and limb bone fragments	Tub	Tribal Lands	NFO	1942	1942	5046
NA	F4-092007-05	large mammal vertebrae, rib, and long bone fragments	Tub	Tribal Lands	NFO	2015	2015	5103
NA	F4-092007-06	vertebrate limb bone fragments	Tub	Tribal Lands	NFO	1861	1861	4945
NA	F4-092107-01	mammal rib fragments	Tub	Tribal Lands	NFO	1534	1534	4643
NA	F4-092107-02	large mammal distal radius	Tub	Tribal Lands	NFO	1424	1424	4546
NA	F4-092107-03	gar scales	Tub	Tribal Lands	NFO	1254	1254	4384
NA	F4-092107-04	large mammal distal ulna	Tub	Tribal Lands	NFO	1254	1254	4372
NA	F4-092107-05	crocodile tooth, gar scales	Tub	Tribal Lands	NFO	1065	1065	4159
NA	F4-092107-06	vertebrate limb bone fragments	Tub	Tribal Lands	NFO	724	724	3848
NA	F4-092107-07	crocodile rib fragments and limb bone fragments	Tub	Tribal Lands	NFO	614	614	3742
NA	F4-092107-08	crocodile scutes and edentulous jaw fragment, turtle shell fragments, gar scales	Tub	Tribal Lands	NFO	555	555	3684
NA	F4-092307-04	gar scales	Tub	Tribal Lands	NFO	2350	2350	4245
NA	F4-092307-05	mammal limb bones	Tub	Tribal Lands	NFO	2299	2299	4194
NA	F4-092307-06	mammal rib fragment	Tub	Tribal Lands	NFO	2364	2364	4145
NA	F4-092307-07	crocodile vertebrae	Tub	Tribal Lands	NFO	2063	2063	3909
NA	F4-092507-01	mammal distal phalanx	Tub	Tribal Lands	NFO	1947	1947	3844
NA	F4-092507-02	mammal tooth fragment, gar scales	Tub	Tribal Lands	NFO	1905	1905	3803
NA	F4-092507-03	exploded turtle shell, plant stem fragments	Tub	Tribal Lands	NFO	1891	1891	3788
NA	F4-092507-04	gar scales	Tub	Tribal Lands	NFO	1793	1793	3690
NA	F4-092507-05	gar scales	Tub	Tribal Lands	NFO	2553	2553	3585
NA	F4-092507-06	mammal limb fragments, turtle shell	Tub	Tribal Lands	NFO	2188	2188	2640
NA	F4-092507-07	crocodilian vertebrae and limb fragments	Tub	Tribal Lands	NFO	2207	2207	2653
NA	F4-092807-01	gar scales, mammal limb bone fragments	Tub	Tribal Lands	NFO	1268	1268	> 1 mile
NA	F4-102407-01	edentulous mammal jaw	Tub	Tribal Lands	NFO	2405	2405	2552
NA	F4-102407-02	mammal limb bones, mesopodials	Tub	Tribal Lands	NFO	2326	2326	2552

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						Indian Canyon	Whitmore Park	Wells Draw
NA	F4-102407-03	mammal limb bone fragments	Tub	Tribal Lands	NFO	1853	1853	2067
NA	F4-102507-02	perissodactyl femur (distal)	Tub	Tribal Lands	NFO	2409	2408	2627
NA	F4-102507-03	mammal astragalus fragment	Tub	Tribal Lands	NFO	2240	2239	2476
NA	F4-102507-04	mammal tooth and limb fragments, turtle shell fragments	Tub	Tribal Lands	NFO	2073	2073	2277
NA	F4-102507-05	mammal jaw fragments (no teeth), limb bone fragments	Tub	Tribal Lands	NFO	2164	2164	2374
NA	F4-102507-06	gar scales	Tub	Tribal Lands	NFO	2372	2372	2979
NA	T1-041708-01	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1399	1399	4424
NA	T1-041708-01	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	2063	2063	4424
NA	T1-041708-02	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1714	1714	> 1 mile
NA	T1-041708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1754	1754	> 1 mile
NA	T1-041708-04	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	2049	2049	> 1 mile
NA	T1-041708-05	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	2089	2089	> 1 mile
NA	T1-041708-06	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1957	1957	5084
NA	T1-041708-07	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1954	1954	4695
NA	T1-041708-08	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1710	1710	4602
NA	T1-041708-09	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1734	1734	4623
NA	T1-041708-10	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1623	1623	4514
NA	T1-041708-11	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1363	1363	4636
NA	T1-041708-12	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1423	1423	4693
NA	T1-041708-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1390	1390	4782
NA	T1-041708-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1235	1235	3971
NA	T1-041708-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1498	1498	3918
NA	T1-041808-02	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1939	1939	4623
NA	T1-041808-03	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1792	1792	4620
NA	T1-041808-04	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1896	1896	4617
NA	T1-041808-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	692	692	> 1 mile
NA	T1-041808-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	677	677	> 1 mile
NA	T1-041808-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	691	691	> 1 mile

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						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-041908-01	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	597	597	> 1 mile
NA	T1-041908-02	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	539	539	> 1 mile
NA	T1-041908-03	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	512	512	> 1 mile
NA	T1-041908-04	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	558	558	> 1 mile
NA	T1-041908-05	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	950	950	> 1 mile
NA	T1-041908-07	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1292	1292	> 1 mile
NA	T1-041908-08	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	876	876	> 1 mile
NA	T1-041908-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1082	1082	> 1 mile
NA	T1-041908-10	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1202	1202	> 1 mile
NA	T1-042108-01	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	335	335	> 1 mile
NA	T1-042108-02	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	446	446	> 1 mile
NA	T1-042108-03	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	488	488	> 1 mile
NA	T1-042108-04	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	468	468	> 1 mile
NA	T1-042108-05	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	452	452	> 1 mile
NA	T1-042108-06	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	263	263	> 1 mile
NA	T1-042108-07	Testudines - Shell	Tuu	Tribal Lands	NFO	155	155	> 1 mile
NA	T1-042108-08	Testudines - Shell	Tuu	Tribal Lands	NFO	662	662	> 1 mile
NA	T1-042108-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	5	5	> 1 mile
NA	T1-042108-10	Testudines - Shell	Tul	Tribal Lands	NFO	29	29	> 1 mile
NA	T1-042108-10	Testudines - Shell	Tul	Tribal Lands	NFO	55	55	> 1 mile
NA	T1-042108-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	38	38	> 1 mile
NA	T1-042108-12	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	225	225	> 1 mile
NA	T1-042108-13	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	282	282	> 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

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-042108-20	Testudines - Shell	Tul	Tribal Lands	NFO	186	186	> 1 mile
NA	T1-042108-21	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	135	135	> 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	2288	2288	3037
NA	T1-042208-04	Testudines - Exploded Shell	Tuc	Tribal Lands	NFO	2211	2211	3375
NA	T1-042208-05	Testudines - Exploded Shell	Tuc	Tribal Lands	NFO	2217	2217	3488
NA	T1-042208-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1635	1635	3036
NA	T1-042208-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1562	1562	3125
NA	T1-042208-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2371	2371	> 1 mile
NA	T1-042208-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2593	v	> 1 mile
NA	T1-042208-09	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2596	2596	> 1 mile
NA	T1-042208-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2593	2593	> 1 mile
NA	T1-042208-11	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2420	2420	> 1 mile
NA	T1-042208-12	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2460	2460	> 1 mile
NA	T1-042208-13	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2556	2556	> 1 mile
NA	T1-042208-15	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2079	2079	> 1 mile
NA	T1-042208-16	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2128	2128	> 1 mile
NA	T1-042208-17	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2097	2097	> 1 mile
NA	T1-042208-18	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2174	2174	> 1 mile
NA	T1-042208-19	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2126	2126	> 1 mile
NA	T1-042208-20	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	2094	2094	> 1 mile
NA	T1-042308-01	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	340	340	> 1 mile
NA	T1-042308-02	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	364	364	> 1 mile
NA	T1-042308-03	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	426	426	> 1 mile
NA	T1-042308-04	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	478	478	> 1 mile
NA	T1-042308-05	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	638	638	> 1 mile
NA	T1-042308-06	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	621	621	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-042308-07	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1402	1402	> 1 mile
NA	T1-042308-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1321	1321	> 1 mile
NA	T1-042308-09	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1389	1389	> 1 mile
NA	T1-042308-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1723	1723	> 1 mile
NA	T1-042308-11	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1710	1710	> 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	1506	1506	> 1 mile
NA	T1-042308-16	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	860	860	> 1 mile
NA	T1-042308-17	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	871	871	> 1 mile
NA	T1-051508-01	Testudines - Carpace	Tub	Tribal Lands	NFO	2028	2028	3132
NA	T1-051508-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1209	1209	2137
NA	T1-051508-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1211	1211	2132
NA	T1-051508-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1444	1444	2221
NA	T1-051508-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1523	1523	2332
NA	T1-051508-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1649	1649	2289
NA	T1-051508-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1847	1847	2428
NA	T1-051508-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	772	772	2499
NA	T1-051508-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	780	780	2518
NA	T1-051508-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	754	754	2600
NA	T1-051508-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	759	759	2636
NA	T1-051508-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	806	806	2655
NA	T1-051508-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	549	549	2583
NA	T1-051508-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	644	644	2712
NA	T1-051508-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	664	664	2745
NA	T1-051508-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	928	928	2761
NA	T1-051508-17	Testudines - Plastron	Tub	Tribal Lands	NFO	1446	1446	2946
NA	T1-051708-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1080	1080	1161

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-051708-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	704	704	868
NA	T1-051708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	685	685	882
NA	T1-051708-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	408	408	644
NA	T1-051708-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	331	331	520
NA	T1-051708-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	337	337	490
NA	T1-051708-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	675	675	1697
NA	T1-051708-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	600	600	1596
NA	T1-051708-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	685	685	1014
NA	T1-051708-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	747	747	1205
NA	T1-051708-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	731	731	1214
NA	T1-051708-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	543	543	1952
NA	T1-051708-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	532	532	1945
NA	T1-051708-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	611	611	1875
NA	T1-091707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2554	2554	4420
NA	T1-091907-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2455	2455	> 1 mile
NA	T1-091907-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2364	2364	> 1 mile
NA	T1-091907-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2352	2352	> 1 mile
NA	T1-091907-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2160	2160	5243
NA	T1-091907-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1544	1544	4627
NA	T1-091907-09	Testudines - Shell	Tub	Tribal Lands	NFO	1522	1522	4605
NA	T1-091907-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1503	1503	4586
NA	T1-091907-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1509	1509	4593
NA	T1-091907-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1399	1399	4482
NA	T1-091907-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1139	1139	4222
NA	T1-091907-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1083	1083	4166
NA	T1-091907-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1055	1055	4139
NA	T1-091907-16	Testudines - Carpace	Tub	Tribal Lands	NFO	1358	1358	4441
NA	T1-091907-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1462	1462	4545

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-091907-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1459	1459	4543
NA	T1-091907-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1814	1814	4897
NA	T1-091907-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1641	1641	4725
NA	T1-091907-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1534	1534	4618
NA	T1-091907-22	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1545	1545	4629
NA	T1-091907-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1617	1617	4701
NA	T1-091907-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1791	1791	4875
NA	T1-091907-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1788	1788	4871
NA	T1-091907-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1830	1830	4913
NA	T1-091907-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1887	1887	4971
NA	T1-091907-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1933	1933	5017
NA	T1-091907-29	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2084	2084	5168
NA	T1-091907-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1911	1911	4995
NA	T1-091907-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2316	2316	> 1 mile
NA	T1-091907-32	Testudines - Shell	Tub	Tribal Lands	NFO	2334	2334	> 1 mile
NA	T1-091907-33	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2548	2548	> 1 mile
NA	T1-091907-34	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2538	2538	> 1 mile
NA	T1-091907-35	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2494	2494	> 1 mile
NA	T1-091907-36	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2613	2613	> 1 mile
NA	T1-091907-37	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2502	2502	> 1 mile
NA	T1-092007-01	Testudines - Plastron	Tub	Tribal Lands	NFO	2286	2286	> 1 mile
NA	T1-092007-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2422	2422	> 1 mile
NA	T1-092007-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2460	2460	> 1 mile
NA	T1-092007-04	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	2534	2534	> 1 mile
NA	T1-092007-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2501	2501	> 1 mile
NA	T1-092007-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2512	2512	> 1 mile
NA	T1-092007-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2260	2260	5228
NA	T1-092007-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1819	1819	4812

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092007-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1706	1706	4749
NA	T1-092007-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1674	1674	4710
NA	T1-092007-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1754	1754	4880
NA	T1-092007-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1743	1743	4864
NA	T1-092007-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1863	1863	4995
NA	T1-092007-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1873	1873	5000
NA	T1-092007-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1804	1804	4922
NA	T1-092007-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1855	1855	4966
NA	T1-092007-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1887	1887	4986
NA	T1-092007-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1834	1834	4930
NA	T1-092007-20	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1867	1867	4961
NA	T1-092007-21	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1917	1917	5012
NA	T1-092007-22	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1778	1778	4869
NA	T1-092007-23	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1945	1945	5040
NA	T1-092007-24	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1852	1852	4944
NA	T1-092007-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2111	2111	5197
NA	T1-092007-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2188	2188	5275
NA	T1-092007-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2198	2198	> 1 mile
NA	T1-092007-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2212	2212	> 1 mile
NA	T1-092007-29	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2162	2162	5245
NA	T1-092007-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2201	2201	> 1 mile
NA	T1-092107-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1327	1327	4410
NA	T1-092107-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1383	1383	4466
NA	T1-092107-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1358	1358	4441
NA	T1-092107-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1355	1355	4438
NA	T1-092107-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1333	1333	4416
NA	T1-092107-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1299	1299	4382
NA	T1-092107-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1303	1303	4387

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092107-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1231	1231	4314
NA	T1-092107-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1243	1243	4326
NA	T1-092107-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1219	1219	4303
NA	T1-092107-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1178	1178	4262
NA	T1-092107-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1162	1162	4245
NA	T1-092107-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1174	1174	4257
NA	T1-092107-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1190	1190	4273
NA	T1-092107-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1094	1094	4177
NA	T1-092107-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1110	1110	4194
NA	T1-092107-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1015	1015	4149
NA	T1-092107-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	786	786	3882
NA	T1-092107-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	735	735	3840
NA	T1-092107-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	691	691	3792
NA	T1-092107-21	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1100	1100	4271
NA	T1-092107-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	346	346	3450
NA	T1-092107-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	452	452	3541
NA	T1-092107-24	Testudines - Limb Bones	Tub	Tribal Lands	NFO	486	486	3569
NA	T1-092107-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	521	521	3605
NA	T1-092107-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	551	551	3634
NA	T1-092107-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	539	539	3622
NA	T1-092107-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	371	371	3454
NA	T1-092107-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	424	424	3507
NA	T1-092107-30	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	449	449	3532
NA	T1-092107-31	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	485	485	3568
NA	T1-092107-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	545	545	3628
NA	T1-092107-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	493	493	3576
NA	T1-092107-34	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	465	465	3548
NA	T1-092107-35	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	729	729	3812

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092307-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2615	2615	4513
NA	T1-092307-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2624	2624	4526
NA	T1-092307-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2615	2615	4516
NA	T1-092307-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2585	2585	4486
NA	T1-092307-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2545	2545	4446
NA	T1-092307-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2593	2593	4493
NA	T1-092307-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2612	2612	4511
NA	T1-092307-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2559	2559	4456
NA	T1-092307-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2521	2521	4419
NA	T1-092307-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2426	2426	4326
NA	T1-092307-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2316	2316	4214
NA	T1-092307-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2274	2274	4173
NA	T1-092307-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2123	2123	4017
NA	T1-092307-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2110	2110	4005
NA	T1-092307-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1926	1926	3819
NA	T1-092307-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1923	1923	3816
NA	T1-092307-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2219	2219	4113
NA	T1-092307-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2212	2212	4106
NA	T1-092307-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2202	2202	4097
NA	T1-092307-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2192	2192	4086
NA	T1-092307-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2163	2163	4057
NA	T1-092307-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2283	2283	4177
NA	T1-092307-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2301	2301	4195
NA	T1-092307-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2336	2336	4230
NA	T1-092307-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2374	2374	4267
NA	T1-092307-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2439	2439	4332
NA	T1-092307-30	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2498	2498	4391
NA	T1-092507-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1969	1969	3781

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-092507-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2306	2306	4019
NA	T1-092507-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2556	2556	3959
NA	T1-092507-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2570	2570	3953
NA	T1-092507-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2590	2590	3956
NA	T1-092507-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2590	2590	3941
NA	T1-092507-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2602	2602	3491
NA	T1-092507-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2632	2632	3525
NA	T1-092507-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1312
NA	T1-092507-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1343
NA	T1-092607-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	612	612	3383
NA	T1-092707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	735	735	4000
NA	T1-092707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	497	497	4185
NA	T1-092707-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	499	499	4193
NA	T1-092707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	492	492	4197
NA	T1-092707-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	559	559	4470
NA	T1-092807-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1078	1078	5109
NA	T1-092807-02	Testudines - Shell	Tub	Tribal Lands	NFO	954	954	4992
NA	T1-092807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	862	862	5038
NA	T1-102207-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2545	2545	2592
NA	T1-102407-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2384	2384	2452
NA	T1-102407-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2342	2342	2392
NA	T1-102407-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2288	2288	2341
NA	T1-102407-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2096	2096	2187
NA	T1-102407-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2278	2278	2364
NA	T1-102407-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2287	2287	2370
NA	T1-102407-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2377	2377	2475
NA	T1-102407-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2361	2361	2460
NA	T1-102407-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2333	2333	2430

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-102407-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1979	1979	2100
NA	T1-102407-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2137	2137	2266
NA	T1-102407-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2279	2279	2409
NA	T1-102407-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2316	2316	2504
NA	T1-102407-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2307	2307	2537
NA	T1-102407-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1795	1795	2031
NA	T1-102407-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1934	1934	2181
NA	T1-102407-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1289	1289	1513
NA	T1-102407-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1930	1930	2131
NA	T1-111507-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1363	1363	3711
NA	T1-111507-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1363	1363	3727
NA	T1-111507-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1064	1064	3649
NA	T1-111507-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1109	1109	3834
NA	T1-111507-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1109	1109	3848
NA	T1-111507-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	314	314	2646
NA	T1-111507-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	422	422	2659
NA	T1-111507-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	452	452	2624
NA	T1-111607-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	710	710	3793
NA	T1-111607-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	685	685	3769
NA	T1-111607-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	559	559	3643
NA	T1-111607-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	880	880	3963
NA	T1-111607-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	756	756	3840
NA	T1-111607-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	719	719	3802
NA	T1-111607-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	740	740	3823
NA	T1-111607-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	744	744	3827
NA	T1-111607-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	789	789	3873
NA	T1-111607-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	798	798	3881
NA	T1-111607-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	889	889	3972

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-111607-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	705	705	3789
NA	T1-111607-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	391	391	3474
NA	T1-111607-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	405	405	3488
NA	T1-111607-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	706	706	3790
NA	T1-111607-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	785	785	3868
NA	T1-111607-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	816	816	3899
NA	T1-111607-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	824	824	3908
NA	T1-111607-20	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	408	408	3492
NA	T1-111607-21	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	548	548	3631
NA	T1-111607-22	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	627	627	3710
NA	T1-111607-23	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	624	624	3707
NA	T1-111607-24	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	622	622	3706
NA	T1-111607-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	632	632	3715
NA	T1-111607-26	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	664	664	3747
NA	T1-111607-27	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	655	655	3738
NA	T1-111607-28	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	731	731	3814
NA	T1-111607-29	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	589	589	3673
NA	T1-111607-30	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	554	554	3637
NA	T1-111607-31	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	546	546	3629
NA	T1-111607-32	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	471	471	3554
NA	T1-111607-33	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	552	552	3635
NA	T1-111607-34	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	583	583	3666
NA	T1-111607-35	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	586	586	3669
NA	T1-111607-36	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	565	565	3648
NA	T1-111607-37	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	482	482	3565
NA	T1-111607-38	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	342	342	3425
NA	T1-111607-39	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	3110
NA	T1-111607-40	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	188	188	3283

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-111607-41	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	3093
NA	T1-111607-42	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	20	20	3107
NA	T1-111607-43	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	94	94	3177
NA	T1-111607-44	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	140	140	3224
NA	T1-111607-45	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	123	123	3207
NA	T1-111607-46	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	104	104	3190
NA	T1-111607-47	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	224	224	3308
NA	T1-111607-48	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	164	164	3247
NA	T1-111607-49	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	123	123	3206
NA	T1-111607-50	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	216	216	3299
NA	T1-111607-51	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	315	315	3398
NA	T1-111607-52	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	170	170	3254
NA	T1-111707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2973
NA	T1-111707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2835
NA	T1-111707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2796
NA	T1-111707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2771
NA	T1-111707-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2706
NA	T1-111707-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1	1	2682
NA	T1-111707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	15	15	2669
NA	T1-111707-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	9	9	2674
NA	T1-111707-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2848
NA	T1-111707-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2863
NA	T1-111707-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2890
NA	T1-111707-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	179	179	3262
NA	T1-111807-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	408	408	3509
NA	T1-111807-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	362	362	3469
NA	T1-111807-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	558	558	3714
NA	T1-111807-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	539	539	3694

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T1-111807-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	505	505	3659
NA	T1-111807-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	441	441	3604
NA	T1-111807-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2773
NA	T1-111807-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2869
NA	T1-111807-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2820
NA	T1-111807-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2874
NA	T1-111807-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2906
NA	T1-111807-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2921
NA	T1-111807-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2991
NA	T1-111807-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2967
NA	T1-111807-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2993
NA	T1-111807-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	4	4	2731
NA	T1-111807-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2774
NA	T1-111807-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2826
NA	T2-051608-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1723	1723	3862
NA	T2-051608-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1766	1766	3901
NA	T2-051608-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	618	618	2927
NA	T2-051608-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	655	655	2968
NA	T2-051608-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	708	708	3025
NA	T2-051608-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	457	457	2805
NA	T2-051608-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	897	897	746
NA	T2-051608-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	949	949	707
NA	T2-051608-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	974	974	657
NA	T2-051608-10	Testudines - Shell	Tub	Tribal Lands	NFO	670	670	903
NA	T2-051608-11	Testudines - Shell	Tub	Tribal Lands	NFO	681	681	896
NA	T2-051608-12	Testudines - Shell	Tub	Tribal Lands	NFO	755	755	822
NA	T2-051608-13	Testudines - Shell	Tub	Tribal Lands	NFO	207	207	1379
NA	T2-051608-14	Testudines - Shell	Tub	Tribal Lands	NFO	209	207	1363

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-051608-15	Testudines - Shell	Tub	Tribal Lands	NFO	323	321	1254
NA	T2-051608-16	Testudines - Shell	Tub	Tribal Lands	NFO	350	350	1291
NA	T2-051608-17	Testudines - Shell	Tub	Tribal Lands	NFO	373	373	1273
NA	T2-051608-18	Testudines - Shell	Tub	Tribal Lands	NFO	385	385	1275
NA	T2-051608-19	Testudines - Shell	Tub	Tribal Lands	NFO	475	475	1211
NA	T2-051608-20	Testudines - Shell	Tub	Tribal Lands	NFO	479	479	1214
NA	T2-051708-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1047	1047	890
NA	T2-051708-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1074	1074	956
NA	T2-051708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1005	1005	1496
NA	T2-051708-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	973	973	1464
NA	T2-051708-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	949	949	1430
NA	T2-051708-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	949	949	1421
NA	T2-051708-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	748	748	1226
NA	T2-051708-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	686	686	1007
NA	T2-051708-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	820	820	1843
NA	T2-051808-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1046	1046	> 1 mile
NA	T2-051808-02	Testudines - Plastron	Tub	Tribal Lands	NFO	1069	1069	> 1 mile
NA	T2-051808-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1613	1613	> 1 mile
NA	T2-051808-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1952	1952	> 1 mile
NA	T2-051808-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1987	1987	> 1 mile
NA	T2-051808-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2005	2005	> 1 mile
NA	T2-051808-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1684	1684	> 1 mile
NA	T2-051808-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1711	1711	> 1 mile
NA	T2-051808-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1978	1978	> 1 mile
NA	T2-051808-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1991	1991	> 1 mile
NA	T2-051808-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1910	1910	> 1 mile
NA	T2-051808-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2038	2038	> 1 mile
NA	T2-051808-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2163	2163	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-051808-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2150	2150	> 1 mile
NA	T2-051808-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2133	2133	> 1 mile
NA	T2-051808-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2402	2402	> 1 mile
NA	T2-051808-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2455	2455	> 1 mile
NA	T2-051808-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2484	2484	> 1 mile
NA	T2-051808-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2460	2460	> 1 mile
NA	T2-051808-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2440	2440	> 1 mile
NA	T2-051905-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2064	2064	> 1 mile
NA	T2-051905-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2125	2125	> 1 mile
NA	T2-051905-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2119	2119	> 1 mile
NA	T2-051905-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2170	2170	> 1 mile
NA	T2-051905-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2276	2276	> 1 mile
NA	T2-051905-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2305	2305	> 1 mile
NA	T2-051905-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2616	2616	> 1 mile
NA	T2-051905-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2392	2392	> 1 mile
NA	T2-051905-34	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2434	2434	> 1 mile
NA	T2-051905-35	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2449	2449	> 1 mile
NA	T2-051905-36	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2455	2455	> 1 mile
NA	T2-051905-37	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2591	2591	> 1 mile
NA	T2-051908-02	Testudines - Exploded Shell	Qae	Tribal Lands	NFO	236	236	3797
NA	T2-051908-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2074	2074	2346
NA	T2-051908-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2054	2054	2351
NA	T2-051908-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2134	2134	2343
NA	T2-051908-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2144	2144	> 1 mile
NA	T2-052008-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2622	2622	> 1 mile
NA	T2-052008-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2416	2416	> 1 mile
NA	T2-052008-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2319	2319	> 1 mile
NA	T2-052008-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2434	2434	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-052008-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2640	2640	> 1 mile
NA	T2-052008-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2595	2595	> 1 mile
NA	T2-052008-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2202	2202	> 1 mile
NA	T2-052008-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2288	2288	> 1 mile
NA	T2-111407-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2622	2622	4726
NA	T2-111507-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2608	2608	4937
NA	T2-111507-03	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	2200	2200	4624
NA	T2-111507-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2199	2199	4649
NA	T2-111507-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2179	2179	4736
NA	T2-111507-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2314	2314	4843
NA	T2-111507-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2212	2212	4826
NA	T2-111507-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2163	2163	4889
NA	T2-111507-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1138	1138	4152
NA	T2-111507-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1097	1097	4091
NA	T2-111507-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	497	497	3515
NA	T2-111507-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	385	385	3437
NA	T2-111507-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	407	407	3286
NA	T2-111507-14	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	354	354	3246
NA	T2-111507-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	495	495	3360
NA	T2-111507-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	555	555	3291
NA	T2-111507-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	620	620	3315
NA	T2-111507-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	566	566	3409
NA	T2-111507-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	813	813	3645
NA	T2-111507-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	896	896	3756
NA	T2-111507-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	817	817	3701
NA	T2-111507-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2545
NA	T2-111507-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2455
NA	T2-111507-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2363

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111607-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	27	27	2486
NA	T2-111607-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2543
NA	T2-111607-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2540
NA	T2-111607-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	426	426	3166
NA	T2-111607-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	288	288	3126
NA	T2-111607-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	260	260	3116
NA	T2-111607-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	261	261	3133
NA	T2-111607-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	173	173	3079
NA	T2-111607-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2965
NA	T2-111607-10	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	0	0	2889
NA	T2-111607-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2882
NA	T2-111607-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	297	297	2484
NA	T2-111607-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	290	290	2520
NA	T2-111607-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	288	288	2529
NA	T2-111607-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	311	311	2540
NA	T2-111607-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	551	551	2178
NA	T2-111607-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	543	543	2157
NA	T2-111607-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	551	551	2089
NA	T2-111607-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	329	329	2242
NA	T2-111607-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	245	245	2318
NA	T2-111607-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	196	196	2356
NA	T2-111607-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	461	461	2261
NA	T2-111607-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	557	557	1867
NA	T2-111607-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	541	541	1874
NA	T2-111607-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	513	513	1873
NA	T2-111607-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	544	544	1834
NA	T2-111607-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	538	538	1831
NA	T2-111607-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	479	479	1896

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111607-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	373	373	1939
NA	T2-111607-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	420	420	1875
NA	T2-111607-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	351	351	2668
NA	T2-111607-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	412	412	2645
NA	T2-111607-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	294	294	2419
NA	T2-111607-34	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	272	272	2421
NA	T2-111707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	44	44	2692
NA	T2-111707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	41	39	2651
NA	T2-111707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2733
NA	T2-111707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	134	134	2549
NA	T2-111707-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	458	455	2236
NA	T2-111707-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	470	468	2226
NA	T2-111707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	29	29	2655
NA	T2-111707-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	370	370	2313
NA	T2-111707-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	342	342	2341
NA	T2-111707-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	330	330	2353
NA	T2-111707-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	57	57	2627
NA	T2-111707-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	46	46	2637
NA	T2-111707-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	51	51	2633
NA	T2-111707-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3070
NA	T2-111707-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3073
NA	T2-111707-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3053
NA	T2-111707-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3033
NA	T2-111707-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3017
NA	T2-111707-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3037
NA	T2-111707-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3006
NA	T2-111707-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3009
NA	T2-111707-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	149	149	3232

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111708-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	308	308	2375
NA	T2-111807-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	371	371	3479
NA	T2-111807-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	447	447	3565
NA	T2-111807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	508	508	3632
NA	T2-111807-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	490	490	3628
NA	T2-111807-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	446	446	3606
NA	T2-111807-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2865
NA	T2-111807-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	2867
NA	T2-111807-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2988
NA	T2-111907-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	914	914	4311
NA	T2-111907-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	975	975	4197
NA	T2-111907-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	924	924	4155
NA	T2-111907-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	864	864	4128
NA	T2-111907-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	836	836	4099
NA	T2-111907-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	705	705	4000
NA	T2-111907-11	Testudines - Shell	Tub	Tribal Lands	NFO	584	584	3814
NA	T2-111907-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	560	560	3797
NA	T2-111907-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	277	277	3648
NA	T2-111907-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	239	239	3561
NA	T2-111907-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	154	154	3487
NA	T2-111907-17	Testudines - Shell	Tub	Tribal Lands	NFO	118	118	3450
NA	T2-111907-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3302
NA	T2-111907-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3156
NA	T2-111907-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3263
NA	T2-111907-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3311
NA	T2-111907-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3310
NA	T2-111907-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3294
NA	T2-111907-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3274

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T2-111907-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3362
NA	T2-111907-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3374
NA	T2-111907-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3339
NA	T2-111907-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	48	48	3270
NA	T2-111907-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	125	125	3231
NA	T2-111907-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3564
NA	T3-041708-01	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1367	1367	> 1 mile
NA	T3-041708-02	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1655	1655	> 1 mile
NA	T3-041708-03	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1869	1869	> 1 mile
NA	T3-041708-04	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1736	1736	> 1 mile
NA	T3-041708-05	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1766	1766	> 1 mile
NA	T3-041708-06	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1643	1643	> 1 mile
NA	T3-041708-07	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1322	1322	> 1 mile
NA	T3-041708-08	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1288	1288	> 1 mile
NA	T3-041708-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1028	1028	> 1 mile
NA	T3-041708-10	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1009	1009	> 1 mile
NA	T3-041708-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1054	1054	> 1 mile
NA	T3-041708-12	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	957	957	> 1 mile
NA	T3-041708-13	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	889	889	> 1 mile
NA	T3-041708-14	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	884	884	> 1 mile
NA	T3-041708-15	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	896	896	> 1 mile
NA	T3-041708-16	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1332	1332	> 1 mile
NA	T3-041808-01	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	2060	2060	4504
NA	T3-041808-02	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1974	1974	4553
NA	T3-041808-03	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	1637	1637	4331
NA	T3-041808-04	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	2559	2559	4549
NA	T3-041808-06	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	948	948	> 1 mile
NA	T3-041908-01	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1821	1821	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-041908-02	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1573	1573	> 1 mile
NA	T3-041908-03	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	796	796	> 1 mile
NA	T3-041908-04	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	479	479	> 1 mile
NA	T3-041908-05	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	757	757	> 1 mile
NA	T3-041908-06	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	1183	1183	> 1 mile
NA	T3-041908-07	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1056	1056	> 1 mile
NA	T3-041908-08	Testudines - Exploded Shell	Tuu	Tribal Lands	NFO	1631	1631	> 1 mile
NA	T3-042008-06	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	5219	5219	1430
NA	T3-042008-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	5027	5027	1310
NA	T3-042008-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	5040	5040	1310
NA	T3-042008-09	Testudines - Shell Fragments	Tuc	Tribal Lands	NFO	> 1 mile	> 1 mile	1506
NA	T3-042108-01	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	491	491	> 1 mile
NA	T3-042108-02	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	915	915	> 1 mile
NA	T3-042108-03	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	600	600	> 1 mile
NA	T3-042108-04	Testudines - Shell Fragments	Qac	Tribal Lands	NFO	837	837	> 1 mile
NA	T3-042108-05	Testudines - Shell Fragments	Qac	Tribal Lands	NFO	854	854	> 1 mile
NA	T3-042108-06	Testudines - Shell Fragments	Qac	Tribal Lands	NFO	1091	1091	> 1 mile
NA	T3-042108-07	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1214	1214	> 1 mile
NA	T3-042108-08	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1283	1283	> 1 mile
NA	T3-042108-09	Testudines - Exploded Shell	Tul	Tribal Lands	NFO	1265	1265	> 1 mile
NA	T3-042108-10	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1348	1348	> 1 mile
NA	T3-042108-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1333	1333	> 1 mile
NA	T3-042108-12	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1296	1296	> 1 mile
NA	T3-042108-13	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1087	1087	> 1 mile
NA	T3-042108-14	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1108	1108	> 1 mile
NA	T3-042108-15	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1038	1038	> 1 mile
NA	T3-042108-16	Testudines - Shell	Tul	Tribal Lands	NFO	1031	1031	> 1 mile
NA	T3-042108-17	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1037	1037	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-042108-18	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1210	1210	> 1 mile
NA	T3-042108-19	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	1997	1997	> 1 mile
NA	T3-042108-20	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2141	2141	> 1 mile
NA	T3-042108-21	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2219	2219	> 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	T3-042308-08	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2552	2552	> 1 mile
NA	T3-042308-09	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2527	2527	> 1 mile
NA	T3-042308-10	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2490	2490	> 1 mile
NA	T3-042308-11	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2568	2568	> 1 mile
NA	T3-042308-15	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2514	2514	> 1 mile
NA	T3-042308-16	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2368	2368	> 1 mile
NA	T3-042308-17	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2386	2386	> 1 mile
NA	T3-042308-18	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2380	2380	> 1 mile
NA	T3-042308-19	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2348	2348	> 1 mile
NA	T3-042308-20	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2248	2248	> 1 mile
NA	T3-042308-21	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	2260	2260	> 1 mile
NA	T3-042308-22	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	480	480	> 1 mile
NA	T3-042308-23	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	632	632	> 1 mile
NA	T3-042308-24	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	677	677	> 1 mile
NA	T3-042308-25	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	166	166	> 1 mile
NA	T3-042308-26	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	879	879	> 1 mile
NA	T3-042308-27	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	730	730	> 1 mile
NA	T3-042308-28	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	420	420	> 1 mile
NA	T3-042308-29	Testudines - Shell Fragments	Tuu	Tribal Lands	NFO	392	392	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-042308-30	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	498	498	> 1 mile
NA	T3-042308-31	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	475	475	> 1 mile
NA	T3-042308-32	Testudines - Shell Fragments	Tul	Tribal Lands	NFO	556	556	> 1 mile
NA	T3-051308-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2543	2543	4836
NA	T3-051308-04	Testudines - Limb Bones	Tub	Tribal Lands	NFO	2456	2456	4811
NA	T3-051308-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2434	2434	4794
NA	T3-051308-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1671	1671	3689
NA	T3-051308-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1748	1748	3671
NA	T3-051308-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1702	1702	3622
NA	T3-051308-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1702	1702	3512
NA	T3-051408-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1780	1780	3596
NA	T3-051408-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1760	1760	3495
NA	T3-051408-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1693	1693	3307
NA	T3-051408-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1379	1379	3033
NA	T3-051408-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1401	1401	2992
NA	T3-051408-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1716	1716	3082
NA	T3-051408-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1922	1922	3252
NA	T3-051408-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1849	1849	3374
NA	T3-051408-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1962	1962	3140
NA	T3-051408-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1956	1956	3124
NA	T3-051408-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1955	1955	3088
NA	T3-051408-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2036	2036	3141
NA	T3-051408-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	881	881	3259
NA	T3-051408-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	919	919	3268
NA	T3-051408-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	836	836	3314
NA	T3-051408-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	756	757	3359
NA	T3-051408-17	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	710	711	3377
NA	T3-051408-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	255	255	2886

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-051408-19	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	289	289	2900
NA	T3-051508-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	443	443	1113
NA	T3-051508-02	Testudines - Shell	Tub	Tribal Lands	NFO	123	123	1285
NA	T3-051508-03	Testudines - Shell	Tub	Tribal Lands	NFO	85	85	1116
NA	T3-051508-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	64	64	1079
NA	T3-051508-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	837
NA	T3-051508-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	41	41	724
NA	T3-051508-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	152	152	1496
NA	T3-051508-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	15	15	1159
NA	T3-051508-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	142	142	1571
NA	T3-051508-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	126	126	1561
NA	T3-051508-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	171	171	1619
NA	T3-051508-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	187	187	1630
NA	T3-051508-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	201	201	1633
NA	T3-051508-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	362	362	2144
NA	T3-051608-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	718	718	3048
NA	T3-051608-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	725	725	3044
NA	T3-051608-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	12	12	2868
NA	T3-051608-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	408	408	1871
NA	T3-051608-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	448	448	1879
NA	T3-051608-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	468	468	1872
NA	T3-051608-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	576	576	1765
NA	T3-051608-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	558	558	1737
NA	T3-051608-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	787	787	820
NA	T3-051608-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	743	743	881
NA	T3-051608-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	764	764	868
NA	T3-051608-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	108	108	1649
NA	T3-051608-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	579	579	1581

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-051608-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	546	546	1627
NA	T3-051708-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	514	514	1715
NA	T3-051708-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	574	574	1675
NA	T3-051708-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	607	607	1546
NA	T3-051708-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	476	476	1536
NA	T3-051708-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	503	503	1505
NA	T3-051708-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	412	410	1370
NA	T3-051708-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	334	332	1447
NA	T3-051708-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	324	322	1443
NA	T3-051708-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	337	334	1409
NA	T3-051708-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	338	336	1384
NA	T3-051708-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	209	208	1386
NA	T3-051708-12	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	212	212	1355
NA	T3-051708-13	Testudines - Shell	Tub	Tribal Lands	NFO	228	228	1314
NA	T3-051708-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	199	197	1424
NA	T3-051708-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	194	193	1404
NA	T3-051708-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	356	356	1965
NA	T3-051708-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	429	429	2026
NA	T3-051708-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	495	495	2069
NA	T3-051708-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	512	512	1979
NA	T3-111407-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2601	2601	4723
NA	T3-111407-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2535	2535	4685
NA	T3-111407-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2513	2513	4653
NA	T3-111407-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2502	2502	4631
NA	T3-111407-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2505	2505	4631
NA	T3-111407-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2417	2417	4539
NA	T3-111407-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2427	2427	4540
NA	T3-111507-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2578	2578	> 1 mile

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111507-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2442	2442	5185
NA	T3-111507-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1501	1501	3879
NA	T3-111507-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1441	1441	3839
NA	T3-111507-15	Testudines - Shell	Tub	Tribal Lands	NFO	979	979	3490
NA	T3-111507-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	906	906	3357
NA	T3-111507-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	800	800	3296
NA	T3-111507-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	498	498	3034
NA	T3-111507-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	985	985	3384
NA	T3-111507-20	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	276	276	2425
NA	T3-111607-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1284	1284	3593
NA	T3-111607-02	Testudines - Shell	Tub	Tribal Lands	NFO	1311	1311	3625
NA	T3-111607-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1448	1448	3572
NA	T3-111607-04	Testudines - Shell	Tub	Tribal Lands	NFO	1309	1309	3366
NA	T3-111607-05	Testudines - Shell	Tub	Tribal Lands	NFO	1287	1287	3380
NA	T3-111607-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1150	1150	3214
NA	T3-111607-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	355	355	2371
NA	T3-111607-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	339	339	2374
NA	T3-111607-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	319	319	1525
NA	T3-111607-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	337	337	1462
NA	T3-111607-11	Testudines - Shell	Tub	Tribal Lands	NFO	423	423	1362
NA	T3-111607-12	Testudines - Shell	Tub	Tribal Lands	NFO	491	491	1262
NA	T3-111607-13	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	496	496	1264
NA	T3-111607-14	Testudines - Shell	Tub	Tribal Lands	NFO	408	408	1499
NA	T3-111607-15	Testudines - Shell	Tub	Tribal Lands	NFO	444	444	1489
NA	T3-111607-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	533	533	1430
NA	T3-111607-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	339	339	1571
NA	T3-111607-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	357	357	1536
NA	T3-111707-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	147	147	1700

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111707-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	172	172	1717
NA	T3-111707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	190	190	1718
NA	T3-111707-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	280	280	1696
NA	T3-111707-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	448	448	1592
NA	T3-111707-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	365	365	1748
NA	T3-111707-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	146	146	3349
NA	T3-111707-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2904
NA	T3-111707-09	Testudines - Shell	Tub	Tribal Lands	NFO	69	69	2712
NA	T3-111707-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	135	135	2643
NA	T3-111707-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	153	153	2622
NA	T3-111707-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	173	173	2607
NA	T3-111707-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	240	240	2521
NA	T3-111707-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	133	133	2653
NA	T3-111707-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	85	85	2736
NA	T3-111707-16	Testudines - Shell	Tub	Tribal Lands	NFO	311	311	2373
NA	T3-111707-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	333	333	2350
NA	T3-111707-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	372	372	2312
NA	T3-111707-19	Testudines - Shell	Tub	Tribal Lands	NFO	303	303	2381
NA	T3-111707-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	276	276	2408
NA	T3-111707-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	214	214	2477
NA	T3-111707-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	211	211	2480
NA	T3-111707-24	Testudines - Shell	Tub	Tribal Lands	NFO	144	144	2542
NA	T3-111707-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	179	179	2512
NA	T3-111707-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	140	140	2551
NA	T3-111707-27	Testudines - Shell	Tub	Tribal Lands	NFO	67	67	2634
NA	T3-111707-28	Testudines - Shell	Tub	Tribal Lands	NFO	60	60	2646
NA	T3-111707-29	Testudines - Shell	Tub	Tribal Lands	NFO	54	54	2655
NA	T3-111807-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	361	361	3467

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111807-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	353	353	3458
NA	T3-111807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	286	286	3395
NA	T3-111807-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	210	210	3335
NA	T3-111807-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	68	68	3186
NA	T3-111807-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	97	97	3214
NA	T3-111807-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	127	127	3242
NA	T3-111807-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	23	23	3125
NA	T3-111807-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	165	165	3265
NA	T3-111807-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3001
NA	T3-111807-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3044
NA	T3-111807-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	45	45	3201
NA	T3-111807-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3084
NA	T3-111807-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3036
NA	T3-111807-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3078
NA	T3-111807-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	81	81	3206
NA	T3-111807-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	72	72	3203
NA	T3-111807-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	107	107	3245
NA	T3-111807-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	164	164	3301
NA	T3-111807-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	189	189	3338
NA	T3-111807-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	177	177	3333
NA	T3-111807-22	Testudines - Shell and Limbs	Tub	Tribal Lands	NFO	206	206	3367
NA	T3-111807-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	265	265	3431
NA	T3-111807-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	232	232	3400
NA	T3-111807-25	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	288	288	3455
NA	T3-111807-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	299	299	3470
NA	T3-111807-27	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	269	269	3442
NA	T3-111807-28	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	352	352	3529
NA	T3-111807-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	330	330	3508

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111807-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2973
NA	T3-111807-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2755
NA	T3-111807-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2837
NA	T3-111807-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2920
NA	T3-111807-34	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2934
NA	T3-111807-35	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2928
NA	T3-111807-36	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2963
NA	T3-111807-37	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	309	309	3403
NA	T3-111807-38	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	258	258	3350
NA	T3-111807-39	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	237	237	3328
NA	T3-111807-40	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3037
NA	T3-111807-41	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3017
NA	T3-111807-42	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2937
NA	T3-111807-43	Testudines - Plastron	Tub	Tribal Lands	NFO	0	0	2997
NA	T3-111807-44	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3072
NA	T3-111807-45	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2889
NA	T3-111807-46	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2854
NA	T3-111807-47	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2761
NA	T3-111807-48	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2763
NA	T3-111807-49	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2738
NA	T3-111807-50	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	26	26	2658
NA	T3-111907-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3483
NA	T3-111907-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	282	282	3807
NA	T3-111907-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	287	287	3808
NA	T3-111907-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	151	151	3632
NA	T3-111907-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	187	187	3643
NA	T3-111907-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	182	182	3634
NA	T3-111907-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	316	316	3721

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T3-111907-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	322	322	3725
NA	T3-111907-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3166
NA	T3-111907-19	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	3124
NA	T3-111907-20	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	3070
NA	T3-111907-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	760	760	2184
NA	T3-111907-22	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	732	732	2195
NA	T3-111907-23	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	22	22	2730
NA	T3-111907-24	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	2920
NA	T3-111907-25	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	2959
NA	T3-111907-26	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	3078
NA	T3-111907-27	Testudines - Shell	Tub	Tribal Lands	NFO	0	0	3281
NA	T3-111907-28	Testudines - Shell	Tub	Tribal Lands	NFO	36	36	3256
NA	T3-111907-29	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	137	137	3193
NA	T3-111907-30	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3464
NA	T3-111907-31	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3447
NA	T3-111907-32	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3433
NA	T3-111907-33	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	3456
NA	T4-042008-07	Testudines - Shell	Tub	Tribal Lands	NFO	4976	4976	1216
NA	T4-042008-08	Testudines - Shell	Tub	Tribal Lands	NFO	5016	5016	1246
NA	T4-042008-09	Testudines - Shell	Tub	Tribal Lands	NFO	5079	5079	1286
NA	T4-042008-10	Testudines - Shell	Tub	Tribal Lands	NFO	5143	5143	1281
NA	T4-051307-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2130	2130	4429
NA	T4-051307-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2256	2256	4429
NA	T4-051307-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2076	2076	4416
NA	T4-051307-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1708	1708	4154
NA	T4-051307-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1492	1492	4019
NA	T4-051307-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1709	1709	4144
NA	T4-051307-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1829	1827	4073

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-051307-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1647	1647	3661
NA	T4-051307-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1588	1588	3608
NA	T4-051307-11	Testudines - Shell	Tub	Tribal Lands	NFO	1569	1569	3565
NA	T4-051307-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1489	1489	3466
NA	T4-051307-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1492	1492	3338
NA	T4-051307-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1488	1487	3348
NA	T4-051408-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1361	1362	3705
NA	T4-051408-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1374	1373	3739
NA	T4-051408-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1417	1414	3868
NA	T4-051408-04	Testudines - Carpace	Tub	Tribal Lands	NFO	1031	1032	3471
NA	T4-051408-05	Testudines - Carpace	Tub	Tribal Lands	NFO	987	987	3363
NA	T4-051408-06	Testudines - Shell	Tub	Tribal Lands	NFO	1002	1002	3320
NA	T4-051408-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	915	915	3258
NA	T4-051408-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	981	981	3166
NA	T4-051408-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1235	1235	3366
NA	T4-051408-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1190	1190	3174
NA	T4-051408-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1295	1295	3221
NA	T4-051408-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1284	1284	3240
NA	T4-051408-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1303	1302	3307
NA	T4-051408-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1183	1183	3257
NA	T4-051608-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1269	1269	3524
NA	T4-051608-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1991	1991	4114
NA	T4-051608-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	644	644	2980
NA	T4-051608-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	676	676	3025
NA	T4-051608-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	609	609	2967
NA	T4-051608-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	860	860	796
NA	T4-051608-07	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	791	791	854
NA	T4-051608-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	695	695	914

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-051608-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	541	541	1048
NA	T4-051608-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	638	638	936
NA	T4-051608-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	1734
NA	T4-051608-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	290	290	1378
NA	T4-051608-13	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	629	629	993
NA	T4-051608-14	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	637	637	991
NA	T4-051608-15	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	673	673	963
NA	T4-051608-16	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	587	587	1074
NA	T4-051608-17	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	538	538	1142
NA	T4-051608-18	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	420	420	1284
NA	T4-051608-19	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	457	457	1241
NA	T4-091707-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2573	2573	4438
NA	T4-091707-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2600	2600	4466
NA	T4-091707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2626	2626	4491
NA	T4-091907-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2557	2557	> 1 mile
NA	T4-091907-09	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2621	2621	> 1 mile
NA	T4-091907-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2544	2544	> 1 mile
NA	T4-091907-12	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2623	2623	> 1 mile
NA	T4-091907-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2436	2436	> 1 mile
NA	T4-092007-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2375	2375	> 1 mile
NA	T4-092007-02	Testudines - Shell	Tub	Tribal Lands	NFO	2329	2329	> 1 mile
NA	T4-092007-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2491	2491	> 1 mile
NA	T4-092007-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2489	2489	> 1 mile
NA	T4-092007-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2431	2431	> 1 mile
NA	T4-092007-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2225	2225	5148
NA	T4-092007-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2211	2211	5152
NA	T4-092007-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1919	1919	5045
NA	T4-092007-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1912	1912	5040

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-092007-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1987	1987	5101
NA	T4-092007-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1977	1977	5081
NA	T4-092007-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1576	1576	4664
NA	T4-092007-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1625	1625	4713
NA	T4-092007-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1797	1797	4885
NA	T4-092007-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1927	1927	5021
NA	T4-092007-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2045	2045	5131
NA	T4-092007-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1977	1977	5062
NA	T4-092007-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1981	1981	5064
NA	T4-092107-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1714	1714	4847
NA	T4-092107-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1721	1721	4844
NA	T4-092107-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1651	1651	4787
NA	T4-092107-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1622	1622	4761
NA	T4-092107-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1564	1564	4703
NA	T4-092107-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1537	1537	4658
NA	T4-092107-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1543	1543	4669
NA	T4-092107-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1686	1686	4809
NA	T4-092107-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1611	1611	4725
NA	T4-092107-10	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1382	1382	4499
NA	T4-092107-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1424	1424	4536
NA	T4-092107-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1230	1230	4361
NA	T4-092107-13	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1186	1186	4333
NA	T4-092107-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1115	1115	4269
NA	T4-092107-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1204	1204	4339
NA	T4-092107-16	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1169	1169	4323
NA	T4-092107-17	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1012	1012	4148
NA	T4-092107-18	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1134	1134	4244
NA	T4-092107-19	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1112	1112	4212

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-092107-20	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1102	1102	4200
NA	T4-092107-21	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1167	1167	4261
NA	T4-092107-22	Testudines - Shell	Tub	Tribal Lands	NFO	1116	1116	4205
NA	T4-092107-23	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1242	1242	4337
NA	T4-092107-24	Testudines - Shell	Tub	Tribal Lands	NFO	942	942	4062
NA	T4-092107-25	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	851	851	3993
NA	T4-092107-26	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	702	702	3828
NA	T4-092107-27	Testudines - Shell	Tub	Tribal Lands	NFO	447	447	3565
NA	T4-092307-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2426	2426	4321
NA	T4-092307-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2379	2379	4272
NA	T4-092307-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2317	2317	4211
NA	T4-092307-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2264	2264	4157
NA	T4-092307-08	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2252	2252	4146
NA	T4-092307-09	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2260	2260	4153
NA	T4-092307-10	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2244	2244	4139
NA	T4-092307-11	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2228	2228	4122
NA	T4-092307-12	Testudines - Limb Bones	Tub	Tribal Lands	NFO	2360	2360	4253
NA	T4-092307-13	Testudines - Shell	Tub	Tribal Lands	NFO	2263	2263	4156
NA	T4-092307-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2277	2277	4170
NA	T4-092307-15	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2401	2401	4188
NA	T4-092407-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2460	2460	2546
NA	T4-092507-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2001	2001	3897
NA	T4-092507-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1936	1936	3834
NA	T4-092507-03	Testudines - Shell	Tub	Tribal Lands	NFO	2383	2383	2990
NA	T4-092507-04	Testudines - Shell	Tub	Tribal Lands	NFO	2111	2111	2566
NA	T4-092507-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2164	2164	2603
NA	T4-092507-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	0	0	1289
NA	T4-092607-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	0	0	1570

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-092707-01	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1214	1214	4770
NA	T4-092707-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1147	1147	4706
NA	T4-092707-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1112	1112	4677
NA	T4-092707-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	706	706	4451
NA	T4-092707-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	669	669	4412
NA	T4-092707-06	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	573	573	4300
NA	T4-092707-07	Testudines - Exploded Shell	Qae	Tribal Lands	NFO	290	290	4167
NA	T4-092707-08	Testudines - Limb Bones	Qae	Tribal Lands	NFO	330	330	4281
NA	T4-092807-01	Testudines - Shell and Limbs	Qae	Tribal Lands	NFO	291	291	4597
NA	T4-092807-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1186	1186	> 1 mile
NA	T4-092807-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1146	1146	> 1 mile
NA	T4-092807-04	Testudines - Shell	Tub	Tribal Lands	NFO	917	917	> 1 mile
NA	T4-102407-02	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2451	2451	2560
NA	T4-102407-03	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2434	2434	2532
NA	T4-102407-04	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2406	2406	2508
NA	T4-102407-05	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2432	2432	2556
NA	T4-102407-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1560	1560	1769
NA	T4-102407-07	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	1841	1841	2054
NA	T4-102507-01	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2229	2228	2445
NA	T4-102507-02	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2260	2260	2465
NA	T4-102507-03	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2171	2171	2390
NA	T4-102507-04	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2155	2155	2371
NA	T4-102507-05	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1885	1885	2109
NA	T4-102507-06	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2070	2070	2340
NA	T4-102507-07	Testudines - Shell	Tub	Tribal Lands	NFO	1910	1910	2448
NA	T4-102507-08	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	1946	1946	2453
NA	T4-102507-09	Testudines - Shell	Tub	Tribal Lands	NFO	1970	1970	2461
NA	T4-102507-10	Testudines - Plastron	Tub	Tribal Lands	NFO	2007	2007	2512

Fossil Locality ID	Field Number	Fossil Description	Geologic Formation	Land Ownership	Significance (limited to those in 500 feet for non-SWCA localities)	Distance from Alternative (feet)		
						Indian Canyon	Whitmore Park	Wells Draw
NA	T4-102507-11	Testudines - Exploded Shell	Tub	Tribal Lands	NFO	2064	2064	2553
NA	T4-102507-12	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2463	2463	3191
NA	T4-102507-13	Testudines - Shell	Tub	Tribal Lands	NFO	2347	2347	2904
NA	T4-102507-14	Testudines - Shell Fragments	Tub	Tribal Lands	NFO	2512	2512	3042

Notes: BLM = Bureau of Land Management; FO = field office; Jm = Morrison Formation; Js = Sundance Formation; Kf = Frontier Formation; Kfl = Fox Hills Sandstone and Lewis Shale; Kfled = Fox Hills Sandstone and Lewis Shale (may include the Dad Sandstone Member of the Lewis Shale); Kle = Lewis Shale; Kil = Lance Formation, Lower Members; Klr = Lance Formation, Red Rim Members; Kmb = Medicine Bow Formation; Kmv = Mesaverde Group; Ks = Steele Shale; Ksn = Steele Shale and Niobrara Formation; Kn = Niobrara Formation; NFO = non-significant occurrence; Pge = Goose Egg Formation; Qa = Alluvium and colluvium; Qac and Qal = Alluvium and colluvium; Qs = Dune sand and loess; Qt = Gravel, pediment, and fan deposits; SFL = significant fossil locality; Tfu = Fort Union Formation; Tfc = Fort Union Formation, China Butte Member; Tfo = Fort Union Formation, Overland Member; Tfoc = Fort Union Formation, Overland and China Butte Members; Tglu = Green River Formation, Luman Tongue; Tgt = Green River, Tipton Shale Member; Tgw = Green River Formation, Wilkins Peak Member; Tha = Hanna Formation; TKf = Ferris Formation; TRc = Chugwater Formation or Group; Twc = Wasatch Formation, Cathedral Bluffs Tongue; Twdr = Wind River Formation; Twm = Wasatch Formation, main body; Twn = Wasatch Formation, Niland Tongue.

* UTM, NAD 83, Zone 13 North = Universal Transverse Mercator, North American Datum 1983, Zone 13 North.

† Landownership information was provided by Paragon Partners and is included as is.