

CULTURAL RESOURCES REPORT COVER SHEET

DAHP Project #: 2021-10-07183

Author: Ed Arthur

Title of Report: Cultural Resources Survey for the 51st Avenue NE Industrial Development Project, Arlington and Marysville, Snohomish County, Washington

Date of Report: October 18, 2021

County: Snohomish Section: 28 Township: 31N Range: 5E

Quad: Arlington West Acres: ~ 105 acres

PDF of report submitted (REQUIRED) Yes

Historic Property Inventory Forms to be Approved Online? Yes No

Archaeological Site(s)/Isolate(s) Found or Amended? Yes No

TCP(s) found? Yes No

Replace a draft? Yes No

Satisfy a DAHP Archaeological Excavation Permit requirement? Yes No

Were Human Remains Found? Yes No

DAHP Archaeological Site #: N/A



**CULTURAL RESOURCES SURVEY FOR THE 51ST AVENUE NE INDUSTRIAL
DEVELOPMENT PROJECT, ARLINGTON AND MARYSVILLE, SNOHOMISH
COUNTY, WASHINGTON**



BY: ED P. ARTHUR

REPORT PREPARED FOR:

5 J WILLIAMS FAMILY LLC
2517 COLBY AVENUE
EVERETT, WASHINGTON 98201

DAHP PROJECT CODE: 2021-10-07183
CALDERA ARCHAEOLOGY REPORT: 0621F

OCTOBER 18, 2021

CONTAINS CONFIDENTIAL INFORMATION – NOT FOR GENERAL DISTRIBUTION
EXEMPT FROM PUBLIC DISCLOSURE UNDER WASHINGTON STATE LAW (RCW 42.56.300)

Management Summary

The 51st Avenue NE Industrial Development project area lies on three adjoining undeveloped parcels located on an extensive recessional outwash plain east of Interstate 5 between Arlington and Marysville. The parcel numbers and addresses are: 31052800100700 – 16430 51st Avenue NE; 31052800400100 – 16204 51st Avenue NE; and 31052800400400 – 15808 51st Avenue NE. The project proponents intend to develop approximately 105 acres of the parcels. The proposed development includes construction of eight buildings, parking and trailer storage areas, and installation of utilities infrastructure.

Our investigation of the 51st Avenue NE Industrial Development project area consisted of a visual inspection of the entire project area and excavation of 260 shovel probes. The subsurface profiles exposed in the shovel probes represented a plow zone that abruptly transitioned to recessional outwash sand. No cultural materials were observed on the ground surface, none were recovered from the shovel probes, and no anthropogenic soils were observed in the probe sidewalls.

Caldera Archaeology recommends that the proposed development be permitted to proceed without any further archaeological oversight. A copy of the Snohomish County Standard Inadvertent Archaeological and Historic Resources Discovery Plan should be included with all permits.

Table of Contents

Management Summary.....	2
Project Location and Description	5
Geomorphologic Background	7
Paleoenvironmental Background.....	8
Cultural Background	9
Prehistoric Summary	9
Ethnohistoric Summary.....	10
Historic Settlement	12
Archaeological Background.....	14
Previously Recorded Archaeological Sites.....	14
Previous Archaeological Investigations.....	14
Research Design	16
Objectives and Practical Expectations.....	16
Methods.....	16
Results	16
Conclusions and Recommendations	17
References Cited	24
Appendix A: Proposed Site Plan for the 51 st Avenue Industrial Development Project ..	29
Appendix B: Subsurface Testing Data	30

List of Figures

Figure 1. Overview of the northern portion of the project area. View to southwest.	5
Figure 2. Overview of the central portion of the project area. View to northwest.....	6
Figure 3. Overview of the southern portion of the project area. View to north.	6
Figure 4. Location of the 51 st Avenue NE Industrial Development project indicated on a portion of the Arlington West 7.5-minute USGS quadrangle map.....	7
Figure 5. Aerial image of the 51 st Avenue NE Industrial Development project area showing the locations of excavated shovel probes.	19
Figure 6. Structure located at the southeast corner of the property at 16430 51 st Avenue NE. View to northwest.	20
Figure 7. Concrete block structure located at the southeast corner of the property at 16430 51 st Avenue NE. View to southeast.	20
Figure 8. Deteriorated garage present at the eastern margin of the property at 16204 51 st Avenue NE.	21
Figure 9. Typical profile exposed in the sidewall of shovel probe 178. Flash used for photograph.	21
Figure 10. Typical profile exposed in the sidewall of shovel probe 180. Flash used for photograph.	22
Figure 11. Typical profile exposed in the sidewall of shovel probe 206. Flash used for photograph.	22
Figure 12. Typical profile exposed in the sidewall of shovel probe 256. Flash used for photograph.	23

List of Tables

Table 1. Previously Recorded Archaeological Sites near the 51 st Avenue NE Industrial Development project area.	14
Table 2. Previous Archaeological Investigations near the 51 st Avenue NE Industrial Development project area.	15

Cultural Resources Survey for the 51st Avenue NE Industrial Development Project, Arlington and Marysville, Snohomish County, Washington

Project Location and Description

Location: Arlington and Marysville, Snohomish County
USGS Quad: Arlington West (1994)
Township, Range, Sec.: T. 31 N, R. 5 E, Sec. 28, Willamette Meridian

The 51st Avenue NE Industrial Development project area lies on three adjoining undeveloped parcels located on an extensive recessional outwash plain in the southeast quarter and northeast quarter of Section 28, Township 31 North, Range 5 East (Figure 1, Figure 2, Figure 3, and Figure 4). The parcel numbers and addresses are: 31052800100700 – 16430 51st Avenue NE; 31052800400100 – 16204 51st Avenue NE; and 31052800400400 – 15808 51st Avenue NE.

The project proponents intend to develop approximately 105 acres of the parcels. The proposed development includes construction of eight buildings, parking and trailer storage areas, and installation of utilities infrastructure. A copy of the proposed site plan is provided as Appendix A at the end of this report. The City of Arlington and the City of Marysville both requested that a cultural resources survey be conducted before the project be permitted to proceed. The result of our investigation of the project area is the subject of this report.



Figure 1. Overview of the northern portion of the project area. View to southwest.



Figure 2. Overview of the central portion of the project area. View to northwest.



Figure 3. Overview of the southern portion of the project area. View to north.

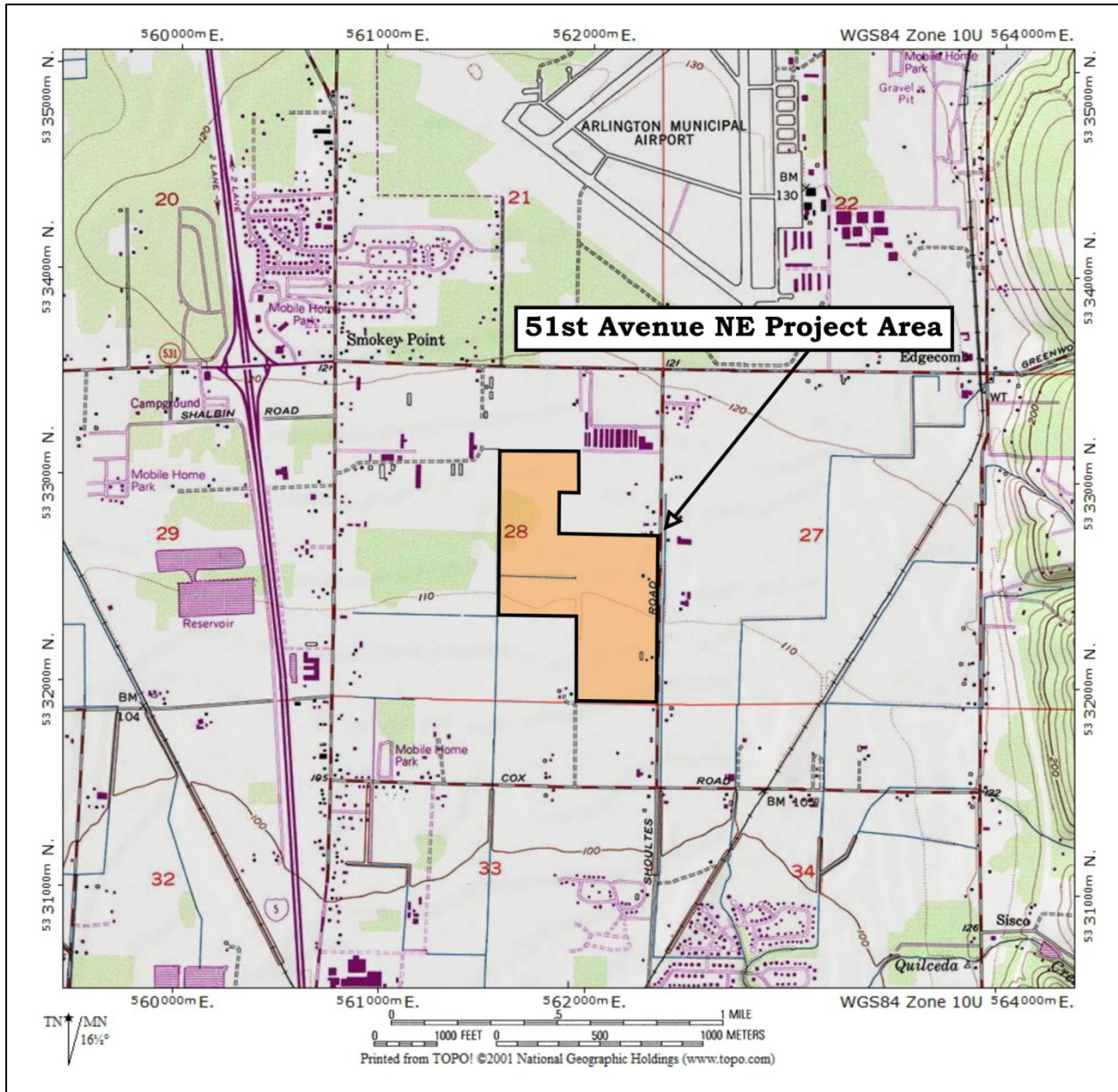


Figure 4. Location of the 51st Avenue NE Industrial Development project indicated on a portion of the Arlington West 7.5-minute USGS quadrangle map.

Geomorphologic Background

Pleistocene glaciation of the region was a significant factor in shaping the present day Western Washington landscape. The Fraser Glaciation was the last major phase of glacier growth in western Washington and was marked by three separate stades occurring from 18,000 to 10,000 ¹⁴C yr BP (Easterbrook 2010). The oldest and most extensive of these was the Vashon Stade, which began around 18,000 years ago. Continental ice flowed south into the Puget lowland from source areas in Canada. The ice sheet split into two lobes in the vicinity of the San Juan Islands and continued to flow south and west. The Juan de Fuca lobe terminated in tidewater west of

Vancouver Island and north of the Olympic Peninsula while the Puget lobe continued south, reaching its maximum extent approximately 140 miles south of the Canadian border (Easterbrook 2010). The ice sheet was approximately 4000 ft. thick over Arlington 17,000 years ago and reached its maximum size between 14,500 and 15,000 years ago (Easterbrook 2010:165-167). As the ice advanced during this Stade, melt-water transported sediment in braided streams that built a broad outwash plain in front of the glacier. Sediment was also deposited in ponds and lakes that formed when ice blocked existing drainages. These outwash sediments may be as thick as 100 meters in the areas surrounding Arlington (Minard 1980).

As the glacier advanced over the outwash deposits it picked up, mixed, and redeposited the overridden materials, producing a jumbled mass of clay, silt and gravel. The weight of thousands of feet of overriding ice pressed this mixture into compact concrete-like sediment, forming lodgement till that covers the advance outwash throughout Snohomish County, much of which is now covered with younger recessional outwash deposits (Minard 1980).

Collapse of the ice-sheet across the eastern Strait of Juan de Fuca and Admiralty Inlet at the start of the Everson Interstade allowed sea water to enter ice-free areas that were below relative paleo-sea levels. The weight of the ice had depressed the land and it took time for isostatic rebound to catch up to the rising sea levels caused by melting ice (Clague and James 2002). The Everson Interstade ended when post-glacial rebound exceeded the rate of global sea-level rise, causing the land to be sub-aerially exposed. The ice collapse across Admiralty Inlet that marks the start of the Everson Interstade appears to have occurred before 13,650±350 14C yr BP (Dethier et al. 1995). As the Puget lobe receded northward, melt-water deposited stratified sediments at the margin of the retreating glacier and ablation left other sediments irregularly mantling the ground surface.

The project area lies on an expansive plain composed of sand, referred to as the “Marysville Sand Member”, which was deposited as recessional outwash by the retreating Puget lobe (Minard 1985). Marysville sand consists of stratified to massive outwash sand with areas of silt and clay. Locally, areas of the recessional outwash have been covered by sandy / gravelly alluvium deposited by creeks and streams as they down-cut through glacial deposits on the uplands to the east of the project area during the terminal Pleistocene / early Holocene.

Paleoenvironmental Background

Pollen data recovered from sediment cores in lakes and wetlands throughout the Puget Sound exhibit marked shifts in the composition and distribution of regional vegetation since the end of the Pleistocene (Whitlock 1992). Retreat of the Puget and Juan de Fuca lobes left a large volume of sand and gravels that was rapidly colonized by

lodgepole pine, the major tree species between approximately 14,000 to 12,000 years ago (Whitlock 1992). Between 12,000 and 10,000 years ago lodgepole pine was joined by Sitka spruce, Douglas fir, western hemlock, and red alder forming a more closed forest environment. As the climate continued to warm during the early Holocene, periods of summer drought intensified and a higher frequency of fires appears to have increased the ranges of prairies in the Puget Lowland. Forests throughout the Puget Trough contained abundant Douglas fir, red alder, and bracken fern between approximately 10,000 and 8,000-6,000 years ago (Whitlock 1992). After approximately 6,000 years ago temperatures lowered and precipitation increased. Pollen data suggests that forest communities very similar to those of the historic period have probably been present since the mid-Holocene (~ 5,000 yr BP) with the widespread appearance of cedar and an increase in Sitka spruce and western hemlock (Whitlock 1992).

Cultural Background

Prehistoric Summary

Settlement of the region appears to have begun sometime during the late Pleistocene. People living along the Northwest Coast at that time are believed to have been highly mobile foragers whose economy focused on exploiting a wide variety of terrestrial and littoral resources including megafauna, such as mammoth, mastodons and bison that became extinct soon after the end of the last glaciation. Artifact assemblages are dominated by foliate bifaces and bone and antler tools.

In western Washington, the regional archaeological manifestation of early to mid-Holocene populations has been termed the Olcott Phase (Kidd 1964). The Olcott Phase is characterized by sites that are generally in upland settings containing a distinctive lithic artifact assemblage dominated by scrapers, cobble tools, and stemmed and leaf-shaped projectile points (Matson and Coupland 1995; Nelson 1990).

The Olcott artifact assemblages are usually interpreted as evidence of an early, highly mobile hunting and gathering adaptation. Indisputable radiocarbon dates from Olcott components are rare; age estimates of Olcott sites have generally been inferred from the similarity of the assemblages to dated components from British Columbia sites (Carlson and Dalla Bona 1996). Thermoluminescence dating of fire-modified rock from three Olcott Phase sites near Granite Falls has produced dates ranging between approximately 9690 and 7130 years ago: 45SN303, Locus D – approximately 9690 to 7810 years ago; 45SN28 – approximately 8520 to 7660 years ago; 45SN303, Locus B – approximately 8390 to 7130 years ago (Chatters et al. 2011:242); and 45SN417 – approximately 9314 to 7884 years ago ([7300±430 BC and 5870±430 BC] Baldwin and Chambers 2014:32).

The period between approximately 9,000 BP and 4,000 BP marks an emergence of economies centered on the utilization of resources from a broadening range of environments (Matson and Coupland 1995). By the end of this period, an increasing reliance on marine and riverine resources becomes apparent.

Full-scale development of marine and riverine-oriented cultures, essentially identical to those described in the ethnographic record, are apparent after approximately 2,500 BP (Ames and Maschner 1999). A change to a semi-sedentary settlement pattern focused on movement between a central village and dispersed highly specialized seasonal camps appears to have occurred by approximately 2,500 BP. The period between approximately 2,500 BP and 250 BP is marked by an increasingly sophisticated use of storage technology and facilities, population increase and marked seasonal aggregation, and the emergence of ranked societies (Matson and Coupland 1995; Ames and Maschner 1999).

Ethnohistoric Summary

The 51st Avenue Industrial Development project area is located within the traditional area of the Stillaguamish Indian Tribe. The Stillaguamish reside along the Stillaguamish River and its tributaries. Within the Stillaguamish watershed, lie numerous Olcott sites that are approximately 5000-8000 years old (the original Olcott site is within this area). At least 26 Stillaguamish villages and campsites have been identified from historic records, including a permanent village at the North Fork and South Fork confluence near present day Arlington (Bruseh 1926; Blukis Onat 1981). The majority of Stillaguamish villages were located at the mouths of the river at Warm Beach and Stanwood due to abundant resources and access to marshland and tidal flats (Dorsey 1926; Suttles 1990).

Permanent villages contained wooden plank-houses which hosted extended families with several generations. Villages along the Stillaguamish were in use until the 1870s (Bruseh 1926). While thriving during periglacial times, very few settlements existed on the South Fork past the confluence of Jim Creek after white settlers arrived. Up-river from Jim Creek, the use of the South Fork Stillaguamish was shared with the Snohomish Indians (Bruseh 1926). The Stillaguamish and their neighbors all lived in permanent villages of cedar planks during the winter, and traveled to seasonal camps in the spring, summer and fall to gather various resources. *Skabalko*, mentioned by pioneer historian Nels Bruseh (1926), refers to a massive village complex at the confluence of the North and South Forks of the Stillaguamish River. *Skabalko* was widely known as a popular meeting and trading location for people traveling the Stillaguamish and to Sauk and Snohomish (Bruseh 1926).

Similar to other nearby tribal groups, the Stillaguamish people's subsistence base was focused on harvesting seasonally available plant and animal resources that were present across the various environmental zones within their territory and the areas

shared with neighboring groups, moving from temporary camp to temporary camp until winter when they returned to permanent winter villages. Resource gathering locations were frequently used in common with neighboring groups based on alignments of friendship or marriage, or by special permission. The rivers, creeks, and saltwater bays allowed for easy travel by canoe between camps as the Stillaguamish followed the seasonally available plant and animal resources until winter when they returned to their permanent winter villages.

The prairies surrounding Arlington were a plentiful source of wild plant crops such as wild onion, edible roots, bulbs and tubers, as well as various grass, sedge, and reed species utilized in basket making. In ethnographic times, some Stillaguamish Indians traded roots for fish and venison (Bruseth 1926). Deer and elk were often hunted in the area now known as Arlington Heights.

The name Stillaguamish, under various spellings, has been used since around 1850 to refer to those Indians who lived along the Stillaguamish River and saltwater and camped along its tributaries. The Stillaguamish were assigned to the Tulalip Indian Reservation during the signing of the treaty of Point Elliot in 1855. The Snoqualmie Indian chief Patkanim signed in the name of the Stillaguamish, Snohomish, and Snoqualmie Indians. Several members of the Stillaguamish tribe were present to witness the Point Elliot Treaty, but none were asked to sign the document. After the treaty was signed, most of the Stillaguamish did not move to the reservation. Initially, European settlement to the area was concentrated along the coastline. Some Stillaguamish were forced away from their villages at the mouth of the river up toward Trafton, but those already up the river tended to remain where they were. Settlement pressures did not reach far inland until near the turn of the century (Blukis Onat 1981).

River transportation was the initial mode of travel up and down the Stillaguamish River. Dense forests made the interior inaccessible for most homesteaders before the construction of railroads and roads. Therefore, the first settlers to the valley brought all the goods they would need by canoe, most often manned by the Stillaguamish, who would transport people and goods for a fee (Whitfield 1926). The Stillaguamish also worked at the logging and mining operations that sprang up in the late-1800s as European settlement increased.

James Dorsey, who grew up on the North Fork and Main Stem Stillaguamish River, testified to tribal use and settlement on the river. His testimony laid the groundwork for the Indian Land Area, which was awarded in 1976. Dorsey's testimony was utilized in the Indian Court of Claims (ICC) 1926 suit, and subsequently, there was another ICC case in 1954. Tribal Chair Esther Ross aggressively lobbied legislators for several decades until she was able to see the tribe federally recognized in 1976 (after two more court cases).

Historic Settlement

The majority of the first European settlers to come to Snohomish County were people with interests in the timber and logging industry. John Gould and Peter Goutre settled and built a saw mill at the mouth of the Stillaguamish River in 1853 (Whitfield 1926). The Fraser River gold rush brought many European settlers through Washington in 1858, and destitute prospectors came back to the area looking for logging work after the bust in September of 1858. Samuel Hancock, a Virginian working for the Hudson's Bay Company, was the first European to ascend the Stillaguamish River. His objective was to discover if coal existed in the area. In 1854, he made his way up-river and reported the discovery of coal to Alexander Spithill, a businessman who started the first logging mill in Marysville in 1861. Shortly after the mill was established at the mouth of the Stillaguamish, Father E.C. Chirouse established a Catholic mission, farm, and school at Priest Point in 1855, and later at Tulalip. He was the first teacher, farmer and clergyman in Snohomish County (Whitfield 1926).

Logging activities developed relatively quickly along the Stillaguamish River and by 1874 the establishment of communities along the river began to appear. Nearly every new homestead in the valley also contained a shingle factory. The hand-drawn shingle was a primary source for trade down river before machinery was introduced to the area. Shingles became a medium of exchange between settlers, as there was little currency available. Nearly all supplies needed by early pioneers were paid for with shingles, and when farms began to yield crops, produce was traded to logging camps for shingles (Whitfield 1926). Logging, road and rail construction, telegraph line corridors, agriculture, and community development grew alongside of each other in the first years of European settlement. Until the early 1880s, the areas of the upper river valley were occupied by only a few European homesteaders, who built small shingle-clad shacks, logged what they could, and returned down river for more supplies. Some never returned, and their abandoned claims were taken over by other newcomers to the valley (Whitfield 1926).

River transportation was the initial mode of travel up and down the Stillaguamish River. Dense forests made the interior inaccessible for most homesteaders before the construction of railroads and roads. Therefore, the first settlers to the valley brought all the goods they would need by canoe, most often manned by Stillaguamish Indians, who would transport people and goods for a fee. The route up and down the river was hazardous and it was common for canoes packed full of goods and/ or people to capsize (Whitfield 1926). Several log jams, some over a quarter mile in length, blocked parts of the river and portage was required, adding to the difficulty of transport. The need for roads grew as more and more settlers moved up river.

As settlers moved inland from the coast, the area around the confluence of the North and South Forks of the Stillaguamish was considered an ideal town site. In the late 1880s, there was much talk of the construction of the Seattle, Lakeshore & Eastern

Railroad. The rumor was that the railroad was to pass right by The Forks on its way north. This was the impetus for much of the early development in the Arlington area. In May 1888, Nels Tvette and Nils Johnson established the first store at The Forks. Other than the store, the only settlers in The Forks at that time were three Indian families (Whitfield 1926). Maurice G. Haller, a wealthy real estate speculator, bought the land south of The Forks with the plan on platting a town, near the proposed line of the railway. Maurice Haller died tragically in a canoe accident off of Whidbey Island in December of 1889, but the project of building a town at The Forks was carried out by his brother Theodore. The town of Haller City was platted in April 1890 (Whitfield 1926). Haller was not the only businessman interested in the growth and development of the Arlington area. By 1888 the Seattle, Lakeshore and Eastern (SLS&E) had sent surveyors to the Stillaguamish River valley and established a railroad route running north-south across the Stillaguamish River. J.W. McLeod, a railroad contractor for SLS&E, purchased a parcel of land south of Haller City and platted the new town of Arlington in January 1890. A post office, newspaper, general store and saloon were opened within months of the town's initiation (Whitfield 1926). A rivalry developed between the two towns, but the proximity of the rail to Arlington forced Haller City to merge with Arlington in 1896 (Whitfield 1926).

The town of Arlington grew quickly, and by 1900 the population was over 800. Additional roads and road improvements promoted growth. With the completion of the bridges over the Stillaguamish in 1894 settlement quickly expand to the lands north of Arlington. In June of 1894, work began on wagon roads from Arlington to Oso, as well as a road along the North Fork to the Sauk Portage (Darrington). Lumber and agriculture supported the town through the first half of the twentieth century. By 1905, three shingle mills had been established along the banks of the Stillaguamish (Whitfield 1926).

Marysville was established in 1877 by J.P. Comeford as a trading post and initially prospered because of logging and from railroad construction. Later, agricultural and dairying pursuits became increasingly important. By 1893, Marysville was on the Great Northern Railroad route, which contributed greatly to the economic success of the community by providing links to regional and national markets (Whitfield 1926).

The Smokey Point/Lakewood community originated as the Lakewood Post Office and English Station stop on the Great Northern Railway (Whitfield 1926) and through the mid-1960 retained its largely rural character.

Archaeological Background

Previously Recorded Archaeological Sites

Table 1. Previously Recorded Archaeological Sites near the 51st Avenue NE Industrial Development project area.

Site #	Site Type	Location	Reference
45SN773	Lithic isolate	0.78 mile to east; parcel 31052700400300	Gardner (2020a)
45SN774	Lithic isolate	0.85 mile to east; parcel 31052700400300	Gardner (2020b)
45SN775	Road or railroad grade	0.75 mile to east; parcel 31052700400300	Gardner (2020c)
45SN776	Concrete pad	0.75 mile to east; parcel 31052700300200	Gardner (2020d)
45SN 777	Lithic isolate	0.5 mile to southeast; parcel 31052700300500	Gardner (2020e)
45SN778	Concrete pad and historic debris	0.7 mile to southeast; parcel 31053400200400	Gardner (2020f)
45SN779	Concrete foundation	0.77 mile to southeast; SE corner of 15223 51 st Avenue NE	Gardner (2020g)
45SN780	Concrete foundation	0.83 mile to southeast; NE corner of 5414 152 nd Street NE	Gardner (2020h)

Note: distances are from approximate center of project area.

Table 1 lists the only previously recorded archaeological sites within 1 mile of the 51st Avenue Industrial Development project area. Sites 45SN773 and 45SN774 are isolated lithic artifacts, 45SN775 is a historic road or railroad grade, and sites 45SN776 through 45SN780 are concrete foundations and associated historic debris.

Previous Archaeological Investigations

There are twenty-two cultural resource reports on file with the DAHP for investigations conducted within one mile of the 51st Avenue NE project area; they are listed in Table 2. A report associated with the archaeological sites listed in the previous section is not available in the WISAARD database.

The investigations have been carried out prior to power infrastructure upgrades (Piper Gilpin and Silverman 2009; Kassa 2016), road infrastructure upgrades (Robinson 1999; Gill et al. 2009; Shantry 2011; Baldwin 2011; Boggs 2011; Johnson 2021), construction of a health and counseling center (Larsen et al. 2016), a land sale (Crespin 2008), sewer repair (Hovezak 2013), and commercial or industrial development projects (Berger 2007; Blake 2017; Matthews and Middleton 2017; Hannum 2018; Baldwin and Berry 2019a, 2019b; Baldwin et al. 2019; Berger and Gardner 2019a, 2019b; Payne et al. 2020a, 2020b). None of the investigations have resulted in the discovery of archaeological deposits.

Table 2. Previous Archaeological Investigations near the 51st Avenue NE Industrial Development project area.

Reference	Type of Investigation	Location Relative to Project	Resources Identified
Robinson (1999)	Archaeological survey	Adjacent to west, linear corridor along 172nd Street SE	None
Berger (2007)	Archaeological survey	3721 169 th Street NE, 3607 169 th Street NE, and parcels 31052800207400, 31052800207500	None
Crespin (2008)	Archaeological survey	Parcel 31052800300200	None
Gilpin and Silverman (2009)	Archaeological survey	Linear corridor between 57 th Avenue E and 67 th Avenue NE south of 172 nd Street SE	None
Gill et al. (2009)	Archaeological survey	Linear corridor along 156 th Street at I-5	None
Shantry (2010)	Archaeological survey	Linear corridor along Airport Blvd.	None
Baldwin (2011)	Archaeological survey	Linear corridor along 156 th Street at I-5	None
Hovezak (2013)	Archaeological monitoring	16816 Smokey Point Blvd.	None
Boggs (2011)	Archaeological survey	Linear corridor along 173 rd Street ROW	None
Kassa (2016)	Archaeological survey	17601 59 th Avenue NE	None
Larsen et al. (2016)	Archaeological survey	5702 172 nd Street NE	None
Blake (2017)	Archaeological survey	West of Airport Blvd. and north of 172 nd Street NE	None
Mathews and Middleton (2017)	Archaeological survey	15908 47 th Avenue NE and parcel 31053300100700	None
Hannum (2018)	Archaeological survey	17309 40 th Avenue NE, 3909 172 nd Street NE, 4003 172 nd Street NE, 4007 172 nd Street NE, and 4011 172 nd Street NE	None
Baldwin and Berry (2019a)	Archaeological survey	4201 156 th Street NE and parcels 31052800302400, 31052800302500	None
Baldwin and Berry (2019b)	Archaeological survey	16612 51 st Avenue NE	None
Baldwin et al. (2019)	Archaeological survey	4100 152 nd Street NE	None
Berger and Gardner (2019a)	Archaeological survey	Parcel 31053300204900	None
Berger and Gardner (2019b)	Archaeological survey	Parcel 31053300200200	None
Payne et al. (2020a)	Archaeological survey	4620 172 nd Street NE	None
Payne et al. (2020b)	Archaeological survey	4620 172 nd Street NE	None
Johnson (2021)	Archaeological survey	Intersection of 40 th Avenue NE and 172 nd Street NE	None

Research Design

Objectives and Practical Expectations

The objective of our investigation was to identify any cultural resources that may be located within the project area, to document them if present, and to provide recommendations regarding potential impacts that may occur during the development project.

The project area is located on an extensive recessional outwash plain composed of sand that was deposited during the late Pleistocene. Locally the recessional outwash has been covered by alluvium deposited by creeks and streams as they downcut through glacial deposits on the upland to the east during the terminal Pleistocene / early Holocene.

Any cultural materials potentially present are expected to be located near the current ground surface and would have likely been displaced from their original locations by tilling.

Methods

Our field investigation consisted of a surface inspection of the entire project area and excavation of 260 shovel probes at a testing interval of 30 meters to 40 meters between probes (Figure 5). No shovel probes were excavated within the Olympic Pipeline easement that crosses from northwest to southeast through the project area.

All sediment excavated from the shovel probes was passed through ¼” hardware screen. Excavation was terminated when intact recessional glacial outwash deposits, which predate human occupation of the area, were encountered. Details regarding the location, depth, and sediments encountered were recorded for all subsurface units. Photographs were taken of representative profiles. All excavations were completely backfilled after examination and their locations were plotted on an aerial image of the project area.

Results

The field investigation of the 51st Avenue NE Industrial Development project area was conducted by Caldera Archaeology principal archaeologist Camille Mather and Caldera Archaeology field archaeologist Gary Geiger between September 12, 2021 and October 6, 2021.

The project area is located on a generally level recessional outwash plain covered by mixed grasses and blackberry thickets with areas of scattered young trees and a wooded section along the western perimeter of the southern parcel. Much of the project area was formerly in agricultural production. A 1990s era agricultural building

- likely a maintenance shop (Figure 6) and associated concrete block structure – possibly a pump house (Figure 7) are located at the southeast corner of the property at 16430 51st Avenue NE and a deteriorated garage (Figure 8) is present at the eastern margin of the property at 16204 51st Avenue NE. No other structures are located within the project area.

The sequence of deposits encountered in the shovel probes is summarized in Appendix B. The profiles across the project area were generally uniform and consisted of a 30 cm to 40 cm surface layer of brown, dark brown, or grayish brown fine sandy loam that abruptly transitioned to pale brown, grayish brown, yellowish brown, or dark yellowish brown fine to medium sand with common redoximorphic mottling. The abrupt transition from the surface layer to the underlying recessional outwash sand represents a plow zone.

Charcoal fragments and lenses of ash were noted at the interface of the plow zone and underlying recessional outwash sand; the charcoal and ash were not associated with any fire-cracked rock or potential fire-cracked rock and appeared to be derived from natural burns or historic land clearing.

No cultural materials were observed on the ground surface, none were recovered from the shovel probes, and no anthropogenic soils were observed in any of the profiles that we examined.

Representative images of the deposits exposed in the sidewalls of shovel probe 178, shovel probe 180, shovel probe 206, and shovel probe 256 are provided as Figure 9, Figure 10, Figure 11, and Figure 12 respectively.

Conclusions and Recommendations

Our investigation of the 51st Avenue NE Industrial Development project area did not result in the identification of any cultural materials. The subsurface profiles exposed in the shovel probes represented a plow zone that abruptly transitioned to recessional outwash sand. No cultural materials or anthropogenic soils were observed during our investigation.

Caldera Archaeology recommends that the proposed development be permitted to proceed without any further archaeological oversight. A copy of the Snohomish County Standard Inadvertent Archaeological and Historic Resources Discovery Plan should be included with all permits.

We also recommend that the property owners be familiar with the provisions of Washington State laws pertaining to cultural resources particularly Revised Code of Washington (RCW) Chapter 27.53.060 and RCW 27.44.040.

RCW 27.53.060, Archaeological Sites and Resources, protects known prehistoric and historic archaeological sites within the state that are located on public and private lands and makes it a crime to intentionally destroy an archaeological site.

RCW Chapter 27.44.040, Indian Graves and Records, protects Native American graves within the state that are located on public or private lands. These laws specifically state that the willful removal, mutilation, defacing, and/or destruction of Indian burials constitute a Class C felony.



Figure 5. Aerial image of the 51st Avenue NE Industrial Development project area showing the locations of excavated shovel probes.



Figure 6. Structure located at the southeast corner of the property at 16430 51st Avenue NE. View to northwest.



Figure 7. Concrete block structure located at the southeast corner of the property at 16430 51st Avenue NE. View to southeast.



Figure 8. Deteriorated garage present at the eastern margin of the property at 16204 51st Avenue NE.



Figure 9. Typical profile exposed in the sidewall of shovel probe 178. Flash used for photograph.



Figure 10. Typical profile exposed in the sidewall of shovel probe 180. Flash used for photograph.



Figure 11. Typical profile exposed in the sidewall of shovel probe 206. Flash used for photograph.



Figure 12. Typical profile exposed in the sidewall of shovel probe 256. Flash used for photograph.

References Cited

Ames, K. M. and H. D. G. Maschner

1999 *Peoples of the Northwest Coast: Their Archaeology and Prehistory*. Thames and Hudson Ltd. London.

Baldwin, G.

2011 *RE: Additional Testing for Expanding the APE at the Lakewood Access / 156th Street Overcrossing Project, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

Baldwin, G. and J. Chambers

2014 *Final Report of Archaeological Investigations for the Woodhaven Site (45SN417), Granite Falls, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

Baldwin, G. and A. Berry

2019a *Cultural Resource Review at the East 40 Industrial Development Project, Marysville, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

2019b *Cultural Resource Review for the BYK Development at 16612 51st Ave NE Arlington, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

Baldwin, G., M. Hanson, and P. Howard

2019 *Cultural Resource Review for the Lark Family Partnership LLC Industrial Development, Marysville, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

Berger, M.

2007 *Cultural Resources Assessment for the Community Transit North Park and Ride and Transit Center – Arlington, Snohomish County, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Berger, M. and J. Gardner

2019a *Cultural Resources Assessment for the Marysville Commercial Development, Marysville, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

2019b *Cultural Resources Assessment for the MI-5, Marysville, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

Blake, K.

2017 *Cultural Resources Assessment of the Arlington Airport Business Park Project, Arlington, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

- Blukis Onat, A. R.
1981 *Inventory of Native American Religious Use, Practices, Localities and Resources; Study Area on the Mt. Baker-Snoqualmie National Forest, Washington State*. Seattle, WA, Institute of Cooperative Research, Inc.
- Boggs, B.
2011 *Cultural Resources Assessment for the 173rd Right-of-Way Project, Arlington, Snohomish County, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.
- Bruseth, N.
1926 *Indian Stories and Legends of the Stillaguamish, Sauks and Allied Tribes*. Ye Galleon Press, Fairfield, WA.
- Carlson, R. and L. Dalla Bona (editors)
1996 *Early Human Occupation in British Columbia*. University of British Columbia Press, Vancouver.
- Chatters, J., J. Cooper, P. LeTourneau, and L. Rooke
2011 *Understanding Olcott: Data Recovery at 45SN28 and 45SN303 Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia.
- Clague, J. J., and T. S. James
2002 History and Isostatic Effects of the Last Ice Sheet in Southern British Columbia. *Quaternary Science Reviews* 21:71-87.
- Crespin, B.
2008 *Cultural Resources Report of the Alexander Land Disposal Project on Washington Depart of Fish and Wildlife Lands in Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.
- Dethier, D. P., F. Pessl, R. F. Keuler, M. A. Balzarini, and D. R. Pevear
1995 Late Wisconsinan glaciomarine deposition and isostatic rebound, northern Puget Lowland, Washington: *Geological Society of America Bulletin*, v. 107, no. 11, p. 1288-1303.
- Dorsey, J.
1926 Deposition In the Duwamlsh et al. v. the United States, U.S. Court of Claims No. F-275. Reprinted in: *Anthropological Report on the Identity, Treaty Status and Fisheries of the Stillaguamish Indians*. B. Lane 1973.
- Easterbrook, D. J.
2010 *A Walk Through Geologic Time from Mt. Baker to Bellingham Bay*. Chuckanut Editions, Bellingham, WA.

Gardner, J.

2020a Archaeological Site Inventory Form: 45SN773. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020b Archaeological Site Inventory Form: 45SN774. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020c Archaeological Site Inventory Form: 45SN775. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020d Archaeological Site Inventory Form: 45SN776. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020e Archaeological Site Inventory Form: 45SN777. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020f Archaeological Site Inventory Form: 45SN778. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020g Archaeological Site Inventory Form: 45SN779. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020h Archaeological Site Inventory Form: 45SN780. Form on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Gill, M., G. Baldwin, and S. Neil

2009 *Archaeological Investigation of the Lakewood Access / 156th Street Overcrossing Project, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.

Gilpin, J. and S. M. Silverman

2009 *Cultural Resources Assessment for the Snohomish County PUD's Edgecomb Transmission Line Project, Snohomish County, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Hannum, M.

2018 *Cultural Resources Assessment for Smokey Point Apartments Project, Snohomish County, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Hovezak, M.

2013 *Archaeological Monitoring of Sewer Line Excavations for Arlington O'Riley Auto Parts Store #2, Smokey Point Boulevard, Snohomish County, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Johnson, J.

2021 *Cultural Resources Assessment for the 40th Ave. NE and 172nd St. NE Signal and Median Improvement Project, Arlington, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

- Kassa, S.
2016 *Cultural Resources Assessment for the Snohomish County PUD No. 1 Arlington Remote Pole Yard Project, Arlington, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.
- Kidd, R. S.
1964 *A Synthesis of Western Washington Prehistory from the Perspective of Three Occupation Sites*. University of Washington, Seattle.
- Larsen, S., E. Arthur, and C. Mather
2016 *Archaeological Survey and Evaluation for the Proposed Island Crossing Healing Center, Arlington, Snohomish County, Washington*. Report on file with the Stillaguamish Tribe of Indians.
- Mathews, B. and S. Middleton
2017 *Cultural Resources Assessment for the Hayho Creek Commerce Center, Marysville, Snohomish County, Washington*. Report on file at the Department of Archaeology and Historic Preservation, Olympia, WA.
- Matson, R. G. and G. C. Coupland
1995 *The Prehistory of the Northwest Coast*. Academic Press. San Diego, California.
- Minard, J.P.
1980 Distribution and Description of the Geological Units in the Arlington East Quadrangle, Washington. U.S. Geological Survey Open-File Report 80-460, 7 p., 1 plate, scale 1:24,000.

1985 Geologic Map of the Arlington West 7.5 Minute Quadrangle. Snohomish County, Washington. U.S. Geological Survey Miscellaneous Field Studies Map MF-1740.
- Nelson, C. N.
1990 Prehistory of the Puget Sound Region. In *Handbook of North American Indians, Volume 7: The Northwest Coast*, edited by W. Suttles, pp. 481-484. Smithsonian Institution. Washington, D.C.
- Payne, T., E. Scott, and J. Ferris
2020a *Cultural Resources Survey for the 172nd Street Project, Arlington, Snohomish County, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

2020b *Cultural Resources Survey for the 172nd Street Project, Arlington, Snohomish County, Washington – Amendment 1*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Robinson, J.

1999 *A Cultural Resources Survey of Washington State Department of Transportation's SR 531: Milepost 6.99 to Milepost 8.59 Widening Project, Snohomish County, Washington*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Shantry, K.

2010 *Cultural Resources Assessment for the Arlington Airport West Side Road, Snohomish County, WA*. Report on file with the Department of Archaeology and Historic Preservation, Olympia, WA.

Suttles, W.

1990 History of Research in Archaeology. In: *Handbook of North American Indians*, vol. 7, Northwest Coast. Smithsonian Institute, Washington D.C.

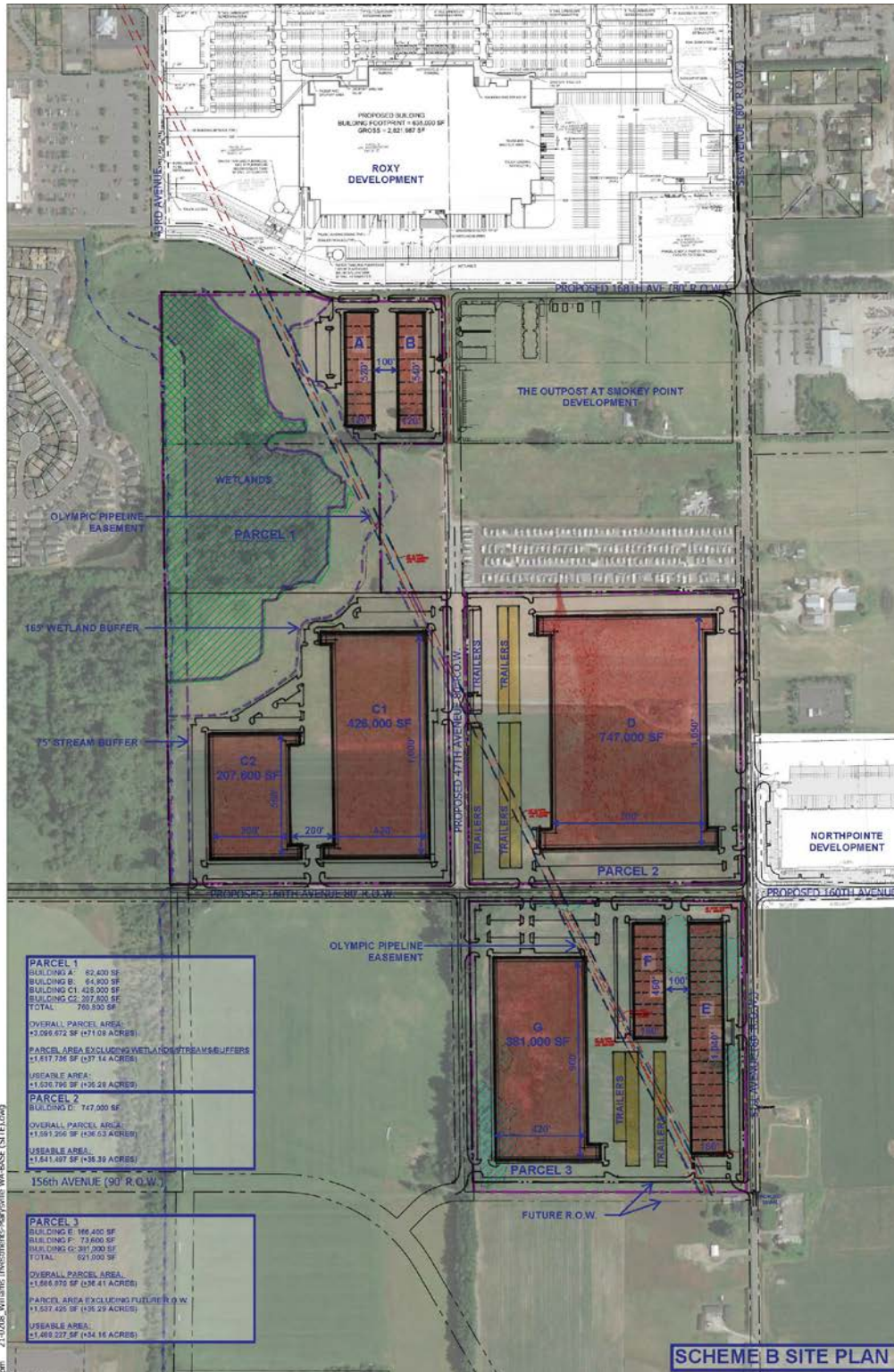
Whitfield, W.

1926 *The History of Snohomish County*, Pioneer Historical Publishing Company, Chicago.

Whitlock, C.

1992 Vegetation and Climatic History of the Pacific Northwest during the Last 20,000 Years: Implications for Understanding Present-Day Biodiversity. *The Northwest Environmental Journal* 8:5-28.

Appendix A: Proposed Site Plan for the 51st Avenue Industrial Development Project



Appendix B: Subsurface Testing Data

Shovel Probe 1

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-25	Dark brown (10YR 3/3) fine sandy loam	No cultural materials
25-55	Dark yellowish brown (10YR 3/6) fine sandy loam with wood and charcoal inclusions, mottling	No cultural materials
55-70	Light olive brown (2.5Y 5/3) medium to coarse grained sand with few small gravels	No cultural materials

Notes: Boundaries to upper two strata diffuse, lower is abrupt

Shovel Probe 2

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam	No cultural materials
35-55	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes: Dry, compact

Shovel Probe 3

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark brown (10YR 3/3) fine sandy loam	No cultural materials
35-50	Dark brown (10YR 3/3) fine sandy loam with charcoal and ash inclusions	No cultural materials
50-65	Light olive brown (2.5Y 5/3) medium to coarse grained sand with few small subangular to subrounded gravels and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 4

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) fine sandy loam	No cultural materials
30-60	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) mottling	No cultural materials

Notes:

Shovel Probe 5

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark brown (10YR 3/3) fine sandy loam	No cultural materials
35-50	Light olive brown (2.5Y 5/3) medium to coarse grained sand with few small subangular to subrounded gravels and yellowish brown (10YR 5/6) mottling	No cultural materials

Notes:

Shovel Probe 6

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) fine sandy loam	No cultural materials
30-60	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) mottling	No cultural materials

Notes:

Shovel Probe 7

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark brown (10YR 3/3) fine sandy loam	No cultural materials
35-50	Dark brown (10YR 3/3) fine sandy loam with few charcoal and ash inclusions	No cultural materials
50-65	Light olive brown (2.5Y 5/3) medium to coarse grained sand with few small subangular to subrounded gravels and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 8

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam	No cultural materials
35-55	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes: Dry, compact

Shovel Probe 9

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam	No cultural materials
35-55	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes: Dry, compact

Shovel Probe 10

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam	No cultural materials
35-55	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes: Compact, in access lane

Shovel Probe 11

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark brown (10YR 3/3) dry fine sandy silty loam	No cultural materials
35-40	Light brownish gray (10YR 6/2) ash and charcoal flecks	No cultural materials
40-50	Dark yellowish brown (10YR 5/6) mottled very compact fine-grained sand and silt	No cultural materials

Notes:

Shovel Probe 12

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-50	Dark brown (10YR 3/3) dry fine sandy silty loam	No cultural materials
50-55	Light brownish gray (10YR 6/2) ash and charcoal flecks	No cultural materials
55-60	Dark yellowish brown (10YR 5/6) mottled very compact fine-grained sand and silt	No cultural materials

Notes:

Shovel Probe 13

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark brown (10YR 3/3) dry fine sandy silty loam	No cultural materials
40-60	Dark yellowish brown (10YR 5/6) mottled very compact fine-grained sand and silt	No cultural materials

Notes: Sparse charcoal and ash at strata margins

Shovel Probe 14

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam	No cultural materials
35-55	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes: Dry, compact

Shovel Probe 15

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark yellowish brown (10YR 4/4) fine sandy loam, few gravels	No cultural materials
40-70	Light brownish gray (10YR 6/2) ash and light olive brown (2.5Y 5/3) fine grained sand with abundant charcoal, and yellowish brown (10YR 5/6) oxidization	No cultural materials
70-95	Dark brown (7.5YR 3/4) medium to coarse grained sand with 10% subrounded gravels	No cultural materials

Notes:

Shovel Probe 16

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Yellowish brown (10YR 5/4) fine sandy loam	No cultural materials
30-55	Dark yellowish brown (10YR 4/6) fine sand to silt with pockets of light olive brown (2.5Y 5/6) and strong brown (7.5YR 4/6) oxidation mottles	No cultural materials

Notes: Compact, few charcoal flecks

Shovel Probe 17

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-20	Yellowish brown (10YR 5/4) fine sandy loam	No cultural materials
20-45	Dark yellowish brown (10YR 4/6) fine sand to silt with pockets of light olive brown (2.5Y 5/6) and strong brown (7.5YR 4/6) oxidation mottles	No cultural materials

Notes: Compact, few charcoal flecks

Shovel Probe 18

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Very dark grayish brown (10YR 5/3) fine grained sandy silt loam, few charcoal flecks	No cultural materials
30-50	Dark yellowish brown (10YR 4/4) fine sand with strong brown (7.5YR 4/6) mottling	No cultural materials

Notes:

Shovel Probe 19

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Very dark grayish brown (10YR 5/3) fine grained sandy silt loam, few charcoal flecks	No cultural materials
30-50	Dark yellowish brown (10YR 4/4) fine sand with strong brown (7.5YR 4/6) mottling	No cultural materials

Notes:

Shovel Probe 20

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
Notes: Compact imported gravel driveway covered in 5 cm thick layer of grass/roots		

Shovel Probe 21

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
Notes: Compact imported gravel driveway covered in 5 cm thick layer of grass/roots		

Shovel Probe 22

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Very dark grayish brown (10YR 3/2) fine sandy loam	No cultural materials
40-55	Light olive brown (2.5Y 5/3) fine sand with yellowish brown (10YR 5/6) mottling	No cultural materials

Notes:

Shovel Probe 23

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 5/3) fine sandy loam, <5% gravels, small cobbles	No cultural materials
40-55	Yellowish brown (10YR 5/4) fine to medium grained sand with dark yellowish brown (10YR 4/4) oxidation mottles	No cultural materials

Notes: Compact, landscape mesh at 25 cmbs

Shovel Probe 24

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
30-60	Light olive brown (2.5Y 5/3) medium grained homogeneous sand with dark yellowish brown (10YR 4/6) oxidation staining	No cultural materials

Notes: Abrupt boundary between strata

Shovel Probe 25

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels, flecks of charcoal	No cultural materials
40-50	Light olive brown (2.5Y 5/3) medium grained homogeneous sand with dark yellowish brown (10YR 4/6) oxidation staining	No cultural materials

Notes:

Shovel Probe 26

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 5/3) fine sandy loam, <5% gravels, small cobbles	No cultural materials
40-55	Yellowish brown (10YR 5/4) fine to medium grained sand with dark yellowish brown (10YR 4/4) oxidation mottles	No cultural materials

Notes: Compact, landscape mesh at 25 cmbs *OLD TURF FARM*

Shovel Probe 27

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
30-50	Yellowish brown (10YR 5/6) medium grained homogeneous sand with dark yellowish brown (10YR 4/6) oxidation staining	No cultural materials

Notes:

Shovel Probe 28

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
45-65	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 29

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
45-65	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 30

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark grayish brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
40-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 31

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-50	Very dark grayish brown (10YR 3/2) fine sandy loam, few subrounded gravels	No cultural materials
50-60	Dark grayish brown (10YR 4/2) fine grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 32

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
45-65	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 33

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
40-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 34

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
40-55	Strong brown (7.5YR 5/8) silt	No cultural materials

Notes: Red plastic fragments at 30 cmbs

Shovel Probe 35

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Very dark grayish brown (10YR 3/2) fine sandy loam, few subrounded gravels	No cultural materials
40-55	Dark grayish brown (10YR 4/2) medium to coarse grained sand and small gravels	No cultural materials

Notes: Dry

Shovel Probe 36

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Very dark grayish brown (10YR 3/2) fine sandy loam, few subrounded gravels	No cultural materials
40-55	Dark grayish brown (10YR 4/2) medium to coarse grained sand and small gravels	No cultural materials

Notes:

Shovel Probe 37

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
35-50	Strong brown (7.5YR 5/8) medium to coarse grained sand and small gravels	No cultural materials

Notes: In wetland plant species area. Landscape mesh at 20 cmbs

Shovel Probe 38

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark grayish brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
35-60	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials
60-70	Dark gray to dark grayish brown (10YR 4/1-4/2) very gravelly coarse-grained sand	No cultural materials

Notes:

Shovel Probe 39

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Very dark grayish brown (10YR 3/2) fine sandy loam, few subrounded gravels	No cultural materials
40-50	Dark grayish brown (10YR 4/2) fine grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 40

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 5/3) fine sandy loam, <5% gravels, small cobbles, imported gravels at surface	No cultural materials
40-55	Yellowish brown (10YR 5/4) fine to medium grained sand with dark yellowish brown (10YR 4/4) oxidation mottles	No cultural materials

Notes: Compact, landscape mesh at 25 cmbs

Shovel Probe 41

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-50	Very dark grayish brown (10YR 3/2) fine sandy loam, few subrounded gravels	No cultural materials
50-60	Dark grayish brown (10YR 4/2) coarse grained compact sand	No cultural materials

Notes:

Shovel Probe 42

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
30-45	Dark grayish brown (10YR 4/2) medium grained compact sand with small gravels and dark yellowish-brown mottling	No cultural materials

Notes:

Shovel Probe 43

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels	No cultural materials
35-55	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 44

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels, charcoal flecks	No cultural materials
40-55	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 45

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels	No cultural materials
30-45	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes: Compact

Shovel Probe 46

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels	No cultural materials
30-45	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 47

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 48

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained sand, 10% rounded gravels and small cobbles	No cultural materials

Notes:

Shovel Probe 49

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Pale brown (10YR 6/3 fine) sandy loam, few subrounded gravels and charcoal flecks, dry and compact	No cultural materials
35-40	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained sand, 10% rounded gravels and small cobbles	No cultural materials

Notes:

Shovel Probe 50

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels	No cultural materials
30-45	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 51

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
40-60	Gray (10YR 5/1) medium to coarse grained sand, 10% rounded gravels	No cultural materials

Notes:

Shovel Probe 52

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes: Dry, compact

Shovel Probe 53

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-25	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
25-35	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes: Dry, compact

Shovel Probe 54

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/2) sandy loam, few subrounded gravels and mixing of subsoil in plow zone	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 55

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-25	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
25-35	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes: Dry, compact

Shovel Probe 56

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Very dark grayish brown (10YR 3/2) sandy loam, few subrounded gravels	No cultural materials
35-60	Grayish brown (2.5Y 5/2) fine grained sand and olive brown (2.5Y 4/4) coarse grained sand and small round gravels interbedded	No cultural materials

Notes:

Shovel Probe 57

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Very dark grayish brown (10YR 3/2) sandy loam, few subrounded gravels	No cultural materials
30-40	Grayish brown (2.5Y 5/2) fine grained sand and olive brown (2.5Y 4/4) coarse grained sand and small round gravels interbedded	No cultural materials

Notes:

Shovel Probe 58

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 59

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
45-60	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained homogeneous sand	No cultural materials

Notes:

Shovel Probe 60

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
45-60	Olive brown (2.5Y 4/4) medium to coarse grained sand	No cultural materials

Notes:

Shovel Probe 61

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels, charcoal flecks	No cultural materials
35-50	Strong brown (7.5YR 5/8) fine grained sand	No cultural materials

Notes:

Shovel Probe 62

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark brown (10YR 3/3) fine sandy loam, few subrounded gravels, charcoal flecks	No cultural materials
30-45	Strong brown (7.5YR 5/8) fine grained sand	No cultural materials

Notes: Compact, dry

Shovel Probe 63

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 5/3) sandy loam, few subrounded gravels, dry and compact	No cultural materials
40-60	Gray (10YR 5/1) fine sand	No cultural materials

Notes:

Shovel Probe 64

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/2) sandy loam, few subrounded gravels Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained homogeneous sand	No cultural materials
35-50		No cultural materials

Shovel Probe 65

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Pale brown (10YR 6/3 fine) sandy loam, few round gravels and charcoal flecks, dry and compact	No cultural materials
35-40	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained sand, 10% rounded gravels and small cobbles	No cultural materials

Notes:

Shovel Probe 66

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
40-60	Gray (10YR 5/1) medium to coarse grained sand, 10% rounded gravels	No cultural materials

Notes:

Shovel Probe 67

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained homogeneous sand	No cultural materials
30-45		No cultural materials

Notes:

Shovel Probe 68

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) sandy loam, few subrounded gravels, mixing of subsoil	No cultural materials
30-45	Gray (10YR 5/1) fine grained sand	No cultural materials

Notes: Dry, compact

Shovel Probe 69

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark grayish brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes: Less compact

Shovel Probe 70

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) fine sandy loam, few subrounded to rounded gravels, charcoal flecks	No cultural materials
30-50	Dark yellowish brown (10YR 4/6) medium grained sand with rounded small gravels	No cultural materials

Notes: Compact, dry

Shovel Probe 71

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) sandy loam, few subrounded gravels, mixing of subsoil	No cultural materials
35-50	Gray (10YR 5/1) fine grained sand	No cultural materials

Notes: Dry, compact

Shovel Probe 72

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) sandy loam, few subrounded gravels	No cultural materials
30-40	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained sand	No cultural materials

Notes: Dry, compact

Shovel Probe 73

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) sandy loam, few subrounded gravels, mixing of subsoil	No cultural materials
35-55	Gray (10YR 5/1) fine grained sand	No cultural materials

Notes: Dry, compact. Landscape mesh at 25 cmbs.

Shovel Probe 74

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) sandy loam, few subrounded gravels, mixing of subsoil	No cultural materials
35-50	Gray (10YR 5/1) fine grained sand	No cultural materials

Notes: Dry, compact

Shovel Probe 75

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels, mixing of subsoil	No cultural materials
30-50	Light olive brown (2.5Y 5/4) coarse grained sand and small rounded gravels	No cultural materials

Notes:

Shovel Probe 76

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Very dark grayish brown (10YR 3/2) sandy loam, few subrounded gravels	No cultural materials
40-65	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 77

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes: Compact

Shovel Probe 78

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam, few subrounded to rounded gravels, mixing of subsoil	No cultural materials
35-50	Strong brown (7.5YR 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 79

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) sandy loam, few subrounded gravels, mixing of subsoil	No cultural materials
30-45	Gray (10YR 5/1) fine grained sand	No cultural materials

Notes: Dry, compact

Shovel Probe 80

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark grayish brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
40-60	Gray (10YR 5/1) fine grained sand	No cultural materials

Notes: Dry, compact

Shovel Probe 81

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark grayish brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) medium grained sand	No cultural materials

Notes:

Shovel Probe 82

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark grayish brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 83

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) fine sandy loam, few subrounded to rounded gravels, charcoal flecks	No cultural materials
30-50	Dark yellowish brown (10YR 4/6) medium grained sand with rounded small gravels	No cultural materials

Notes:

Shovel Probe 84

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam, few subrounded to rounded gravels, mixing of subsoil	No cultural materials
35-50	Yellowish brown (10YR 5/6) fine to medium grained sand	No cultural materials

Notes:

Shovel Probe 85

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Dark grayish brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
40-60	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 86

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) sandy loam, few subrounded gravels, mixing of subsoil, charcoal flecks	No cultural materials
35-50	Gray (10YR 5/1) fine grained sand	No cultural materials

Notes: Dry, very compact

Shovel Probe 87

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) sandy loam, few subrounded gravels	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 88

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Grayish brown (10YR 5/2) sandy loam, few subrounded gravels	No cultural materials
45-55	Pale brown (10YR 6/3) fine grained sand	No cultural materials

Notes: Dry

Shovel Probe 89

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Grayish brown (10YR 5/2) sandy loam, few subrounded gravels	No cultural materials
45-55	Pale brown (10YR 6/3) fine grained sand	No cultural materials

Notes: Dry

Shovel Probe 90

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/2) sandy loam, few subrounded gravels	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 91

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes: Compact

Shovel Probe 92

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes: Compact

Shovel Probe 93

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) fine sandy loam, few subrounded to rounded gravels, mixing of subsoil	No cultural materials
35-50	Strong brown (7.5YR 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 94

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Grayish brown (10YR 5/2) sandy loam, few subrounded gravels	No cultural materials
45-55	Pale brown (10YR 6/3) medium grained sand	No cultural materials

Notes: Dry, landscaped mesh at 30 cmbs

Shovel Probe 95

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-40	Dark yellowish brown (10YR 4/6) oxidized fine grained sand	No cultural materials

Notes:

Shovel Probe 96

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam, few subrounded to rounded gravels	No cultural materials
35-50	Dark reddish brown (5YR 3/4) fine to medium grained sand with 15% subrounded to rounded gravels	No cultural materials

Notes:

Shovel Probe 97

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
30-50	Light olive brown (2.5Y 5/4) medium grained sand	No cultural materials

Notes:

Shovel Probe 98

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
30-50	Light olive brown (2.5Y 5/4) medium grained sand	No cultural materials

Notes: Very compact

Shovel Probe 99

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
30-50	Light olive brown (2.5Y 5/4) medium grained sand, 10% subrounded to rounded gravels	No cultural materials

Notes: Very compact

Shovel Probe 100

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
30-50	Light olive brown (2.5Y 5/4) medium grained sand	No cultural materials

Notes: Compact

Shovel Probe 101

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-40	Dark yellowish brown (10YR 4/6) oxidized fine grained sand	No cultural materials
40-65	Light olive brown (2.5Y 5/3) fine grained sand	No cultural materials

Notes: Compact

Shovel Probe 102

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) sandy loam, few subrounded gravels	No cultural materials
30-50	Light olive brown (2.5Y 5/3) very fine-grained sand	No cultural materials

Notes:

Shovel Probe 103

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark grayish brown (10YR 4/2) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) very fine-grained sand	No cultural materials

Notes:

Shovel Probe 104

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark grayish brown (10YR 4/2) fine sandy loam, few subrounded gravels	No cultural materials
35-55	Grayish brown (2.5Y 5/2) fine grained sand	No cultural materials

Notes:

Shovel Probe 105

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-40	Dark yellowish brown (10YR 4/6) oxidized fine grained sand	No cultural materials

Notes:

Shovel Probe 106

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-40	Dark yellowish brown (10YR 4/6) oxidized fine grained sand	No cultural materials

Notes:

Shovel Probe 107

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
30-50	Light olive brown (2.5Y 5/4) medium grained sand with dark yellowish brown (10YR 4/6) mottling, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 108

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
30-50	Light olive brown (2.5Y 5/4) medium grained sand	No cultural materials

Notes:

Shovel Probe 109

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark grayish brown (10YR 4/2) fine sandy loam, 5% rounded to subrounded gravels	No cultural materials
30-50	Light yellowish brown (2.5Y 6/3) medium grained sand	No cultural materials

Shovel Probe 110

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-50	Dark yellowish brown (10YR 4/6) oxidized fine grained sand	No cultural materials

Notes:

Shovel Probe 111

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
35-60	Light olive brown (2.5Y 5/4) medium grained sand with dark yellowish brown (10YR 4/6) mottling, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 112

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 3/3) fine sandy loam, 5% subrounded to rounded gravels	No cultural materials
30-50	Light olive brown (2.5Y 5/4) fine grained sand with dark yellowish brown (10YR 4/6) mottling, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 113

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 3/3) sandy loam, few subrounded gravels	No cultural materials
35-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine-grained sand	No cultural materials

Notes: Abrupt boundary

Shovel Probe 114

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark grayish brown (10YR 4/2) sandy loam	No cultural materials
30-50	Light olive brown (2.5Y 5/4) silt to fine grained sand with strong brown (7.5YR 4/6) mottling	No cultural materials

Notes:

Shovel Probe 115

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
35-50	Light olive brown (2.5Y 5/4) medium grained sand with dark yellowish brown (10YR 4/6) mottling, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 116

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-40	Dark yellowish brown (10YR 4/6) oxidized fine grained sand	No cultural materials

Notes:

Shovel Probe 117

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
30-50	Light olive brown (2.5Y 5/4) medium grained sand	No cultural materials

Notes:

Shovel Probe 118

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark grayish brown (10YR 4/2) sandy loam	No cultural materials
30-50	Light olive brown (2.5Y 5/4) fine grained sand	No cultural materials

Notes:

Shovel Probe 119

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-50	Dark yellowish brown (10YR 4/6) oxidized fine grained sand	No cultural materials

Notes:

Shovel Probe 120

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 3/3) fine sandy loam, 5% subrounded to rounded gravels	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes:

Shovel Probe 121

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Dark grayish brown (10YR 4/2) fine sandy loam, few subrounded gravels	No cultural materials
35-55	Grayish brown (2.5Y 5/2) fine grained sand	No cultural materials

Notes:

Shovel Probe 122

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark grayish brown (10YR 4/2) sandy loam	No cultural materials
30-50	Light olive brown (2.5Y 5/4) silt to fine grained sand with strong brown (7.5YR 4/6) mottling	No cultural materials

Notes:

Shovel Probe 123

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
35-50	Light olive brown (2.5Y 5/4) medium grained sand with dark yellowish brown (10YR 4/6) mottling, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 124

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam	No cultural materials
35-50	Light olive brown (2.5Y 5/4) fine grained sand with dark yellowish brown (10YR 4/6) mottling, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 125

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Dark grayish brown (10YR 4/2) sandy loam	No cultural materials
30-60	Light olive brown (2.5Y 5/4) silt to fine grained sand with strong brown (7.5YR 4/6) mottling	No cultural materials

Notes:

Shovel Probe 126

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
35-50	Light olive brown (2.5Y 5/4) medium grained sand with dark yellowish brown (10YR 4/6) mottling, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 127

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine-grained sand, 5% rounded to subrounded gravels	No cultural materials

Notes:

Shovel Probe 128

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) fine sandy loam, 5% subrounded to rounded gravels	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes: Compact

Shovel Probe 129

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 5/3) fine sandy loam, 5% subrounded to rounded gravels	No cultural materials
30-50	Light brownish gray, yellowish brown and dark yellowish brown (10YR 6/2, 5/6, 4/6) fine grained sand	No cultural materials

Notes: Next to large pile of imported crushed gravels, incorporated in upper layer

Shovel Probe 130

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
38-61	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
61-81	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 131

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
34-57	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 132

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
38-59	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
59-74	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 133

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
35-50	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
50-64	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 134

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-36	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
36-61	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
61-74	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 135

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-32	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
32-51	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
51-64	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 136

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-10	Grayish brown (10YR 5/2) fine to medium sandy, gravel; Fill	No cultural materials

Notes:

Shovel Probe 137

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-10	Grayish brown (10YR 5/2) fine to medium sandy, gravel; Fill	No cultural materials

Notes:

Shovel Probe 138

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 5/3) gravelly, fine sandy, silt	No cultural materials
40-67	Gray (10YR 5/1) gravelly, medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 139

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-43	Brown (10YR 5/3) fine sandy loam	No cultural materials
43-59	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
59-72	Gray (10YR 5/1) gravelly, medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 140

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-42	Brown (10YR 5/3) gravelly, fine sandy, silt	No cultural materials
42-91	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 141

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 5/3) gravelly, fine sandy, silt	No cultural materials
38-52	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
52-71	Gray (10YR 5/1) gravelly, medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 142

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 5/3) gravelly, fine sandy, silt	No cultural materials
38-65	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
65-84	Gray (10YR 5/1) gravelly, medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 143

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-39	Brown (10YR 5/3) fine sandy loam	No cultural materials
39-67	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 144

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-41	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
41-58	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
58-77	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 145

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
35-47	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
47-64	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 146

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-44	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
44-62	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
62-72	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	

Notes:

Shovel Probe 147

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
31-44	Pale brown (10YR 6/3) gravelly, fine to medium sandy loam, few small to large pebbles with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
44-55	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 148

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-41	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
41-72	Yellowish brown (10YR 5/4) fine to medium sand with small to medium pebbles	No cultural materials
72-85	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes: sod mesh fragments throughout

Shovel Probe 149

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-37	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
37-57	Yellowish brown (10YR 5/4) fine to medium sand with small to medium pebbles	No cultural materials
57-74	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 150

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-41	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
41-76	Yellowish brown (10YR 5/4) fine to medium sand with small to medium pebbles	No cultural materials
76-91	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 151

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-43	Brown (10YR 4/3) fine sandy loam with few small to medium gravels	No cultural materials
43-74	Yellowish brown (10YR 5/4) fine to medium sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 152

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-42	Brown (10YR 4/3) fine sandy loam with few small to medium pebbles	No cultural materials
42-67	Yellowish brown (10YR 5/4) medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 153

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) fine sandy loam with few small to medium pebbles	No cultural materials
35-59	Yellowish brown (10YR 5/4) medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 154

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-43	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
43-62	Yellowish brown (10YR 5/6) silt loam	No cultural materials
62-71	Gray (10YR 5/1) gravelly, medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 155

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
35-54	Yellowish brown (10YR 5/6) silt loam	No cultural materials

Notes:

Shovel Probe 156

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-43	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
43-63	Yellowish brown (10YR 5/4) medium to coarse sand with small to medium pebbles	No cultural materials
63-81	Gray (10YR 5/1) gravelly, medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 157

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-36	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
36-57	Yellowish brown (10YR 5/4) medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 158

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-47	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
47-62	Yellowish brown (10YR 5/4) medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 159

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-45	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
45-61	Yellowish brown (10YR 5/4) medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 160

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-36	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
36-51	Yellowish brown (10YR 5/4) medium to coarse sand with small to medium pebbles	No cultural materials

Notes:

Shovel Probe 161

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-44	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
44-71	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 162

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-36	Brown (10YR 5/3) gravelly, fine sandy, silt loam	No cultural materials
36-61	Gray (10YR 6/1) gravelly, fine to medium sand with few small to large pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 163

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-42	Brown (10YR 5/3) gravelly, fine sandy loam with few, small to medium pebbles	No cultural materials
42-65	Pale brown (10YR 6/3) gravelly, fine to medium sand with few, small pebbles	No cultural materials

Notes:

Shovel Probe 164

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-41	Grayish brown (10YR 5/2) gravelly, fine sandy loam with few small to medium pebbles	No cultural materials
41-66	Gray (10YR 6/1) gravelly, fine to medium sand with few small pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 165

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 5/3) gravelly, fine sandy loam with few, small to medium pebbles	No cultural materials
38-47	Pale brown (10YR 6/3) gravelly, fine to medium sand with few, small pebbles	No cultural materials
47-65	Gray (10YR 6/1) gravelly, fine to medium sand with few small pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 166

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-37	Brown (10YR 5/3) gravelly, fine sandy loam with few, small to medium pebbles	No cultural materials
37-56	Yellowish brown (10YR 5/4) gravelly, medium to coarse sand with few small to medium pebbles	No cultural materials

Notes:

Shovel Probe 167

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-42	Brown (10YR 5/3) fine sandy, silt loam	No cultural materials
42-62	Yellowish brown (10YR 5/4) fine to medium grained sand with dark yellowish brown (10YR 4/4) oxidation mottles	No cultural materials

Notes:

Shovel Probe 168

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 5/3) gravelly, fine sandy loam with few, small to medium pebbles	No cultural materials
35-52	Yellowish brown (10YR 5/4) gravelly, medium to coarse sand with few small to medium pebbles	No cultural materials

Notes:

Shovel Probe 169

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-36	Brown (10YR 5/3) gravelly, fine sandy loam with few, small to medium pebbles	No cultural materials
36-55	Yellowish brown (10YR 5/4) gravelly, medium to coarse sand with few small to medium pebbles	No cultural materials

Notes:

Shovel Probe 170

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 5/3) gravelly, fine sandy loam with few, small to medium pebbles	No cultural materials
33-52	Yellowish brown (10YR 5/4) gravelly, medium to coarse sand with few small to medium pebbles	No cultural materials

Notes:

Shovel Probe 171

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Dark brown (10YR 3/3) gravelly, fine sandy loam, few small to medium pebbles	No cultural materials
38-50	Yellowish brown (10YR 5/4) gravelly, fine to medium sand with few small to medium pebbles	No cultural materials
50-79	Grayish brown (10YR 5/2) gravelly, medium sand with common, small to medium pebbles	

Notes:

Shovel Probe 172

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) gravelly, silt loam with common small to medium pebbles	No cultural materials
34-51	Pale brown (10YR 6/3) gravelly, medium sand; oxidation mottling; very compact.	No cultural materials

Notes:

Shovel Probe 173

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) gravelly, silt loam with common small to medium pebbles	No cultural materials
33-54	Gray (10YR 6/1) gravelly, fine to medium sand with few small pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 174

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 4/3) gravelly, silt loam with common small to medium pebbles	No cultural materials
38-51	Gray (10YR 6/1) gravelly, fine to medium sand with few small pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 175

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-37	Brown (10YR 4/3) gravelly, silt loam with common small to medium pebbles	No cultural materials
37-52	Gray (10YR 6/1) gravelly, fine to medium sand with few small pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 176

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-39	Brown (10YR 4/3) gravelly, silt loam with common small to medium pebbles	No cultural materials
39-54	Gray (10YR 6/1) gravelly, fine to medium sand with few small pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 177

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) sandy loam	No cultural materials
34-51	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 178

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) sandy loam	No cultural materials
34-62	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 179

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-32	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
32-62	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 180

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
33-62	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 181

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-25	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
25-53	Grayish brown (10YR 5/2) gravelly, medium to coarse sand with few small to medium pebbles	No cultural materials

Notes:

Shovel Probe 182

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
30-49	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
49-62	Grayish brown (10YR 5/2) gravelly, medium to coarse sand with few small to medium pebbles	No cultural materials

Notes:

Shovel Probe 183

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-29	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
29-39	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
39-62	Grayish brown (10YR 5/2) gravelly, medium to coarse sand with few small to medium pebbles	No cultural materials

Notes:

Shovel Probe 184

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
35-61	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 185

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-42	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
42-62	Pale brown (10YR 6/3) gravelly, fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 186

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) silty, fine sand with few small pebbles	No cultural materials
28-34	Gray (10YR 6/1) fine sand	No cultural materials
34-67	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 187

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) silty, fine sand with common small pebbles	No cultural materials
28-54	Pale brown (10YR 6/3) gravelly, medium to coarse sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 188

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with common small pebbles	No cultural materials
33-59	Pale brown (10YR 6/3) gravelly, fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 189

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with common small pebbles	No cultural materials
34-61	Pale brown (10YR 6/3) gravelly, fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 190

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-32	Brown (10YR 4/3) silty, fine sand with common small pebbles	No cultural materials
32-62	Pale brown (10YR 6/3) gravelly, fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 191

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with common small pebbles	No cultural materials
34-58	Pale brown (10YR 6/3) gravelly, fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Shovel Probe 192

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
28-64	Pale brown (10YR 6/3) gravelly, fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 193

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-54	Pale brown (10YR 6/3) gravelly, fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 194

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-37	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
37-65	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials
65-76	Pale brown (10YR 6/3) gravelly, medium to coarse sand with common small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 195

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
31-61	Pale brown (10YR 6/3) gravelly, medium to coarse sand with common small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 196

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-83	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials

Notes:

Shovel Probe 197

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
38-55	Yellowish brown (10YR 5/4) fine sand with few small pebbles	No cultural materials
55-69	Pale brown (10YR 6/3) gravelly, medium to coarse sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	

Notes:

Shovel Probe 198

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-52	Yellowish brown (10YR 5/4) fine sand with few small pebbles	No cultural materials

Notes:

Shovel Probe 199

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-38	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
38-54	Pale brown (10YR 6/3) gravelly, medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
54-69	Gray (10YR 6/1) gravelly, medium to coarse sand with few small pebbles and yellowish brown (10YR 5/6) oxidation mottles	

Notes:

Shovel Probe 200

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
28-51	Pale brown (10YR 6/3) gravelly, medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 201

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-37	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
37-61	Yellowish brown (10YR 5/4) fine sand with few small pebbles	No cultural materials

Notes:

Shovel Probe 202

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-62	Yellowish brown (10YR 5/4) fine sand with few small pebbles	No cultural materials

Notes:

Shovel Probe 203

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-40	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
40-61	Yellowish brown (10YR 5/4) fine sand with few small pebbles	No cultural materials

Notes:

Shovel Probe 204

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-61	Yellowish brown (10YR 5/4) fine sand with few small pebbles	No cultural materials

Notes:

Shovel Probe 205

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-60	Pale brown (10YR 6/3) gravelly, medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 206

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-32	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
32-69	Pale brown (10YR 6/3) gravelly, medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 207

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-52	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 208

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-27	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
27-56	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
56-69	Gray (10YR 5/1) fine to medium sand	No cultural materials

Notes:

Shovel Probe 209

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-62	Dark reddish brown (5YR 3/4) gravelly, fine to medium sand	No cultural materials

Notes:

Shovel Probe 210

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-36	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
36-66	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 211

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-64	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 212

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-65	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 213

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-29	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
29-59	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes

Shovel Probe 214

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
35-64	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 215

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
30-61	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 216

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
31-63	Gray (10YR 5/1) gravelly, medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 217

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-24	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
24-55	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 218

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-14	Brown (10YR 4/3) gravelly, silty, fine to medium sand with many, angular to rounded, small to large pebbles; Fill	No cultural materials
14-27	Yellowish brown (10YR 5/4) gravelly, medium to coarse sand	No cultural materials
27-39	Grayish brown (10YR 5/2) silty, fine to medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
39-63	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes: wire at 54cmts

Shovel Probe 219

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-11	Grayish brown (10YR 5/2) gravelly, silty, fine sand with common, angular to rounded, small to medium pebbles; Fill.	No cultural materials
11-24	Gray (10YR 6/1) silty, fine sand; Fill.	No cultural materials
24-53	Pale brown (10YR 6/3) gravelly, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	

Notes:

Shovel Probe 220

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
30-52	Pale brown (10YR 6/3) gravelly, silty, fine to medium sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 221

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-29	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
29-41	Gray (10YR 6/1) fine sand, with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
41-61	Pale brown (10YR 6/3) gravelly, medium to coarse sand with few small to medium pebbles and yellowish brown (10YR 5/6) oxidation mottles	

Notes:

Shovel Probe 222

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
35-65	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials

Notes:

Shovel Probe 223

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
30-55	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 224

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-53	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
53-72	Grayish brown (10YR 5/2) gravelly, medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 225

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Dark brown (10YR 3/3) fine sandy loam, 10% subrounded to rounded gravels	No cultural materials
34-71	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 226

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Dark brown (10YR 3/3) fine sandy loam, 10% subrounded to rounded gravels	No cultural materials
33-59	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
59-74	Grayish brown (10YR 5/2) gravelly, medium to medium sand with yellowish brown (10YR 5/6) oxidation mottles	

Notes:

Shovel Probe 227

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
28-52	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 228

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-29	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
29-54	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 229

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
31-66	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials

Notes:

Shovel Probe 230

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
31-60	Pale brown (10YR 6/3) medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 231

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-68	Pale brown (10YR 6/3) medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 232

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) fine sandy loam	No cultural materials
28-58	Pale brown (10YR 6/3) medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 233

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-32	Brown (10YR 4/3) fine sandy loam	No cultural materials
32-63	Pale brown (10YR 6/3) medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 234

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-30	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels	No cultural materials
30-65	Pale brown (10YR 6/3) medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
65-86	Gray (10YR 6/1) medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 235

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels	No cultural materials
31-52	Gray (10YR 6/1) medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 236

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels	No cultural materials
33-56	Gray (10YR 6/1) medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Shovel Probe 237

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-32	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels	No cultural materials
32-53	Gray (10YR 6/1) medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 238

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) fine sandy loam, 10% subrounded to rounded gravels and small cobbles	No cultural materials
33-57	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials

Notes:

Shovel Probe 239

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 3/3) fine sandy loam, 5% subrounded to rounded gravels	No cultural materials
31-53	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 240

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 3/3) sandy loam, few subrounded gravels	No cultural materials
33-57	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 241

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 3/3) sandy loam, few subrounded gravels	No cultural materials
35-51	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials
51-72	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	

Notes:

Shovel Probe 242

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 3/3) sandy loam, few subrounded gravel	No cultural materials
33-61	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 243

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-27	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
27-54	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 244

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-32	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
32-55	Pale brown (10YR 6/3) fine to medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 245

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-77	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials

Notes:

Shovel Probe 246

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-52	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials
52-63	Pale brown (10YR 6/3) gravelly, medium to coarse sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 247

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-37	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
37-62	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 248

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-57	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 249

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-34	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
34-58	Gray (10YR 6/1) medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 250

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-57	Gray (10YR 6/1) medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 251

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-27	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
27-51	Gray (10YR 6/1) silt loam with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 252

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
31-52	Gray (10YR 6/1) silt loam with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 253

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-29	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
29-72	Gray (10YR 6/1) silt loam with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Shovel Probe 254

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
28-48	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials
48-66	Gray (10YR 6/1) gravelly, medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 255

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-35	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
35-57	Gray (10YR 6/1) gravelly, medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 256

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-58	Gray (10YR 6/1) gravelly, medium sand with yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 257

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-29	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
29-55	Dark reddish brown (5YR 3/4) gravelly, medium sand	No cultural materials

Notes:

Shovel Probe 258

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-33	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
33-56	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 259

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-28	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
28-57	Pale brown (10YR 6/3) gravelly, medium sand and yellowish brown (10YR 5/6) oxidation mottles	No cultural materials

Notes:

Shovel Probe 260

<u>CM Depth</u>	<u>Sediments/contents</u>	<u>Comments</u>
0-31	Brown (10YR 4/3) silty, fine sand with few small to medium pebbles	No cultural materials
31-45	Yellowish brown (10YR 5/4) fine to medium grained sand with yellowish brown (10YR 5/6) mottling	No cultural materials
45-62	Pale brown (10YR 6/3) fine to medium sandy loam and yellowish brown (10YR 5/6) oxidation mottles	

Notes