

**APPENDIX D STATE OF WASHINGTON ARCHAEOLOGICAL
SITE INVENTORY FORMS**

left onto NE 145th Street, continuing until NE 145th Street ends. The site is located approximately 30 meters north of the cul-de-sac.

*Mandatory information for official site designation

SITE DESCRIPTION

Narrative Description: The site is located in a graded and cleared area behind private residences and below I-405. The site slopes gently west and is bounded by sparse conifers to the north and a barbed wire fence and brush to the east. Juanita Creek is situated 40 meters to the south. An area of recent ground disturbance 10 meters south yielded a surficial scatter of modern debris such as carpet fragments, records, cassette tapes, and beer bottle glass. The historic debris was encountered between 10 and 80 centimeters (cm) below ground surface (BGS). The prehistoric material was encountered at 26 cm BGS.

***Site Type:** (Refer to the DAHP Survey and Inventory Guidelines) Historic debris scatter with prehistoric component

Dimensions, Method of horizontal measurement: Pacing

Length: 30 meters Direction N-S Width: 20 meters Direction: E-W

Depth: 10-80 cm in depth Method of vertical measurement: Tape measure

Vegetation - On Site: Douglas firs, alder, grass, and blackberry

Local: Douglas firs, alder, grasses, blackberry Regional: *Tsuga heterophylla* zone

Landforms – Valley bottom Local: Upland

Water Resources - Type: Sammamish River Distance: miles Permanence: Permanent

CULTURAL MATERIALS AND FEATURES

Narrative Description: The North Bundle historic debris scatter is comprised of fragments of clear vessel glass, clear flat glass, asbestos cladding, ceramics, unburnt bone, rusted metal, a primary decortication flake of cryptocrystalline silicate (CCS), one slate flake, and one red CCS core. The slate flake is complete with converging beveled edges forming a sharp tip and measures 3.5 cm by 2 cm, and it was found at 68 cm BGS. The red chert core measures 5 cm by 4cm by 3.5 cm, has a random pattern of flake scars, and was found at a depth of 60-70 cm BGS. A total of 27 artifacts were observed in seven 40-cm diameter shovel probes excavated at regular 10-meter intervals and judgmental 5-meter intervals along the east side of I-405: nine asbestos fragments, four clear vessel fragments, two clear flat glass fragments, six glass fragments, one insulator fragment, one light bulb base fragment, one round nail, one wire fence staple, one mammal limb bone, and the aforementioned red CCS primary decortication flake. The dark reddish brown (2.5YR3/3), opaque CCS flake was found at a depth of 27 cm BGS in an underlying stratum of dark yellowish brown (10YR4/6), sandy loam with gravels. The artifact is plano-convex in cross-section and represents a primary decortication flake with percussion scars along its ventral surface and two percussion scars on its dorsal cortical surface. The artifact measures 5.5 cm by 4 cm by 2cm and may also have been displaced from the upper, very dark brown stratum by krotovina observed in the shovel probe. The historic material may have been derived from a structure that previously occupied this parcel but has since been demolished. Modern debris was also observed in the profile of some of the shovel tests.

Method of Collection: None Location of Artifacts (Temporary/ Permanent): Temporary. Washington State Department of Transportation, Urban Corridors Office, 401 2nd Ave. S., Suite 400, Seattle, WA 98104

SITE AGE

*Component: Prehistoric and Historic

*Dates: Pre-contact to early 20th century

*Dating Method: Assemblage

ARCHAEOLOGICAL SITE INVENTORY FORM

Page 3

SITE RECORDERS

*Recorded by: Doug Tingwall and Kara Kanaby

*Affiliation/Address: Landau Associates, 130 2nd Avenue South, Edmonds, Washington, 98020

*Date Recorded: 11/20/2007

*Affiliation Phone Number: 425-778-0907

Affiliation E-mail: lgoetz@landauinc.com

Revisited by:

Affiliation Address:

Date Revisited:

SITE HISTORY

Previous Work (references):

SITE OWNERSHIP

*Owner/Address: Washington State Department of Transportation
Urban Corridors Office-Environmental Services
Attn: Allison Hanson, UCO Deputy Director
I-405 Congestion Relief and Bus Rapid Transit Projects I-405, SR 520 to I-5 Project
401 Second Avenue South, Suite 500
Seattle, Washington 98104

Parcel Nos: 1726059041

FORM RECORDS

Other Forms (specify): N/A



ARCHAEOLOGICAL SITE INVENTORY FORM

Site No. _____

Page 4

MANDATORY USGS MAP

***Quad Name:** Kirkland

***Series:** 7.5-minute

***Date:** 1950; photo revised 1968 and 1973

SEE ATTACHED

Section: 17

SKETCH MAP

Legend:

Known boundary

Possible boundary

Other symbols
(other than USGS)

SEE ATTACHED

Scale:

North Arrow
(mag.)

DRAFT



Y:\Projects\244043\010\MapDocs\Report\Fig1_45K1756.mxd 7/19/2007

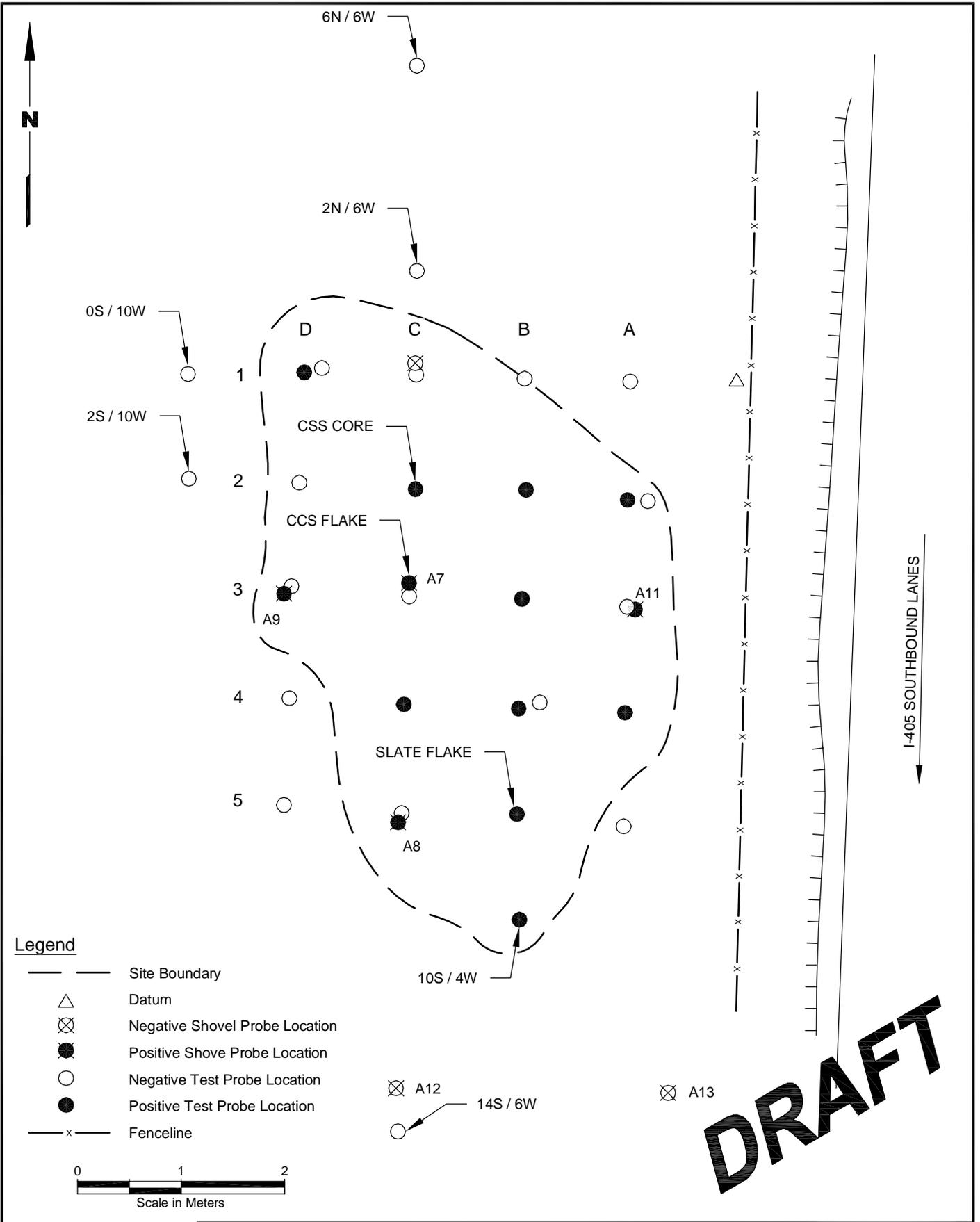


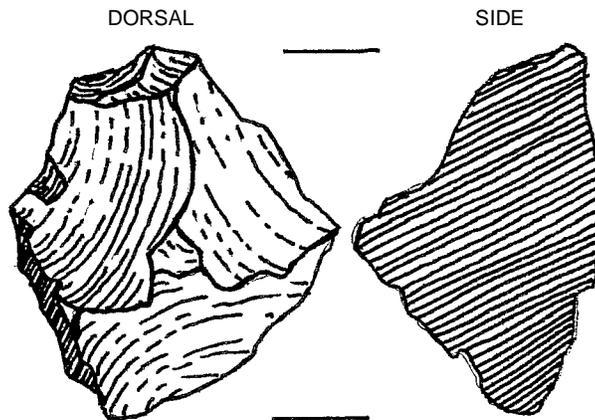
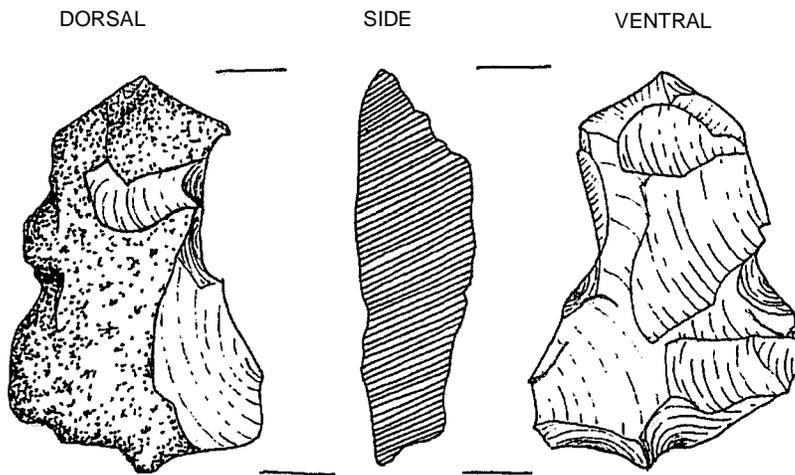
Data Source: USGS 7.5' Topo Quads (Bothell and Kirkland)

I-405 SR 520 to I-5 Improvement Project King County, Washington	Site Location Map	Figure 1
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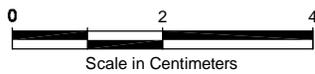


Archeological Report | V:\2441043010\DIR\Report\Fig2-45KI756.dwg (A) "Figure 2" 7/19/2007





CRYPTOCRYSTALLINE
SILICATE CORE
C-2, STRATUM II
(60-70cm bgs)



DRAFT

Site 45KI756 Artifact Table

Shovel Probe #	Artifact Description	Depth Below Ground Surface	Associated Stratum
A2	Three clear vessel glass fragments, one olive green carpet fragment	0-12 cm	Stratum I
A7-Grid reference is C3-4S/6W	One asbestos shingle/siding fragment, one cryptocrystalline decortication flake	Asbestos at 0-22 cm, decortication flake at 27 cm	Stratum I-II
A8	Eight asbestos shingle fragments, one insulator fragment, one unidentifiable ceramic fragment, two clear flat glass fragments, three clear vessel glass fragments, one round nail-bent	5-80 cm	Stratum I-II
A9	One light bulb base fragment, one mammal bone fragment	10 cm	Stratum II
A11	One clear vessel glass fragment	61 cm	Stratum II
A12	One wire fence staple	48-92 cm	Stratum II
A13	Six glass fragments	Upper 15 cm	Stratum I
B2	One plastic fragment, two carpet fragments, one amber vessel glass fragment	Upper 20 cm	Stratum II
B6	One clear vessel glass fragment	30 cm	Stratum I
0S/8W	One clear vessel glass fragment	Upper 25 cm	Stratum I
2S/2W	One clear vessel glass fragment, four plastic fragments	Upper 30 cm	Stratum I
2S/4W	One clear vessel glass fragment	53 cm	Stratum II
6S/4W	One round nail, two plastic fragments	Upper 20 cm	Stratum I
2S/6W	One clear vessel glass fragment, one cryptocrystalline core	Glass in upper 25 cm and core between 60-70 cm	Stratum I-II
2S/8W	One of clear vessel glass fragment	Upper 20 cm	Stratum I
4S/4W	One clear vessel glass fragment	56 cm	Stratum II
4S/8W	One clear vessel glass fragment, one round nail	Upper 20 cm	Stratum I
6S/2W	Twelve clear bottle fragments, one clear base fragment	Upper 20 cm	Stratum I
6S/6W	One clear pane glass fragment, one round nail, two asbestos fragments	Upper 30 cm	Stratum I
8S/4W	One round nail, one rubber fragment, one slate flake	Nail and rubber in upper 20 cm; slate flake at 68 cm	Stratum I-II
8S/8W	Three round nails, eight asbestos cladding fragments, three clear vessel glass fragments, one bicycle tire cap	Upper 35 cm	Stratum I
10S/4W	Two pieces of pane glass, nine asbestos shingle fragments, one round nail	Upper 40 cm	Stratum I
14S/6W	Beer bottle fragment	Upper 40 cm	Stratum I

Site 45KI756 Shovel Probe Table

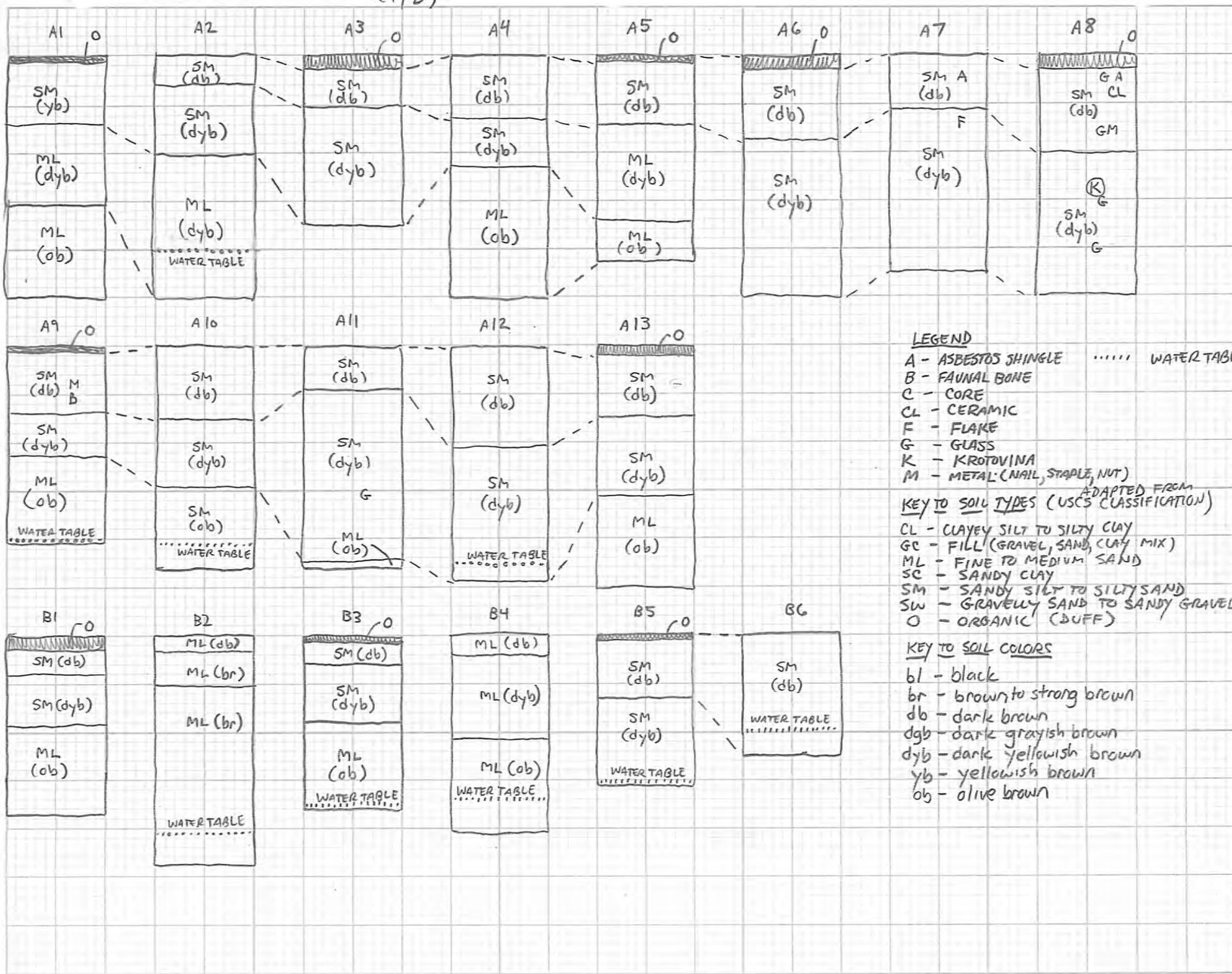
Shovel Probe #	Location	Depth BGS	Soil Description	Cultural Material Identified
A7	Proposed Pond Location MP 22.0	90 cm	Very dark brown, compact sandy silty loam with less than 40% subrounded to subangular pebbles and cobbles over dark yellowish brown, sandy silt loam to sandy loam with 50% gravels	One asbestos shingle fragment, one cryptocrystalline decortication flake
A8	Proposed Pond Location MP 22.0	100 cm	Duff over dark brown, sandy silt loam with 30% subrounded to subangular gravels and cobbles over dark yellowish brown, sandy silty loam	One insulator fragment, one round nail, eight asbestos fragments, two clear flat glass fragments, three clear vessel glass fragments, one unidentifiable ceramic fragment, one insulator fragment
A9	Proposed Pond Location MP 22.0	82 cm	Duff over dark brown, silty loam with 15% subrounded to subangular gravels over dark yellowish brown silt with 20% subrounded to subangular gravels over light olive brown, silty sand with 30% subrounded to subangular gravels	One light bulb base fragment, one mammal bone fragment
A10	Proposed Pond Location MP 22.0	92 cm	Dark brown loam with less than 5% gravels over dark yellowish brown, silty sand with 20% subrounded to subangular gravels over a light olive brown, sandy silt with 20% gravels	None
A11	Proposed Pond Location MP 22.0	92 cm	Very dark brown, sandy silty loam with less than 30% gravels and cobbles and abundant roots over a dark yellowish brown, sandy silt to sandy loam with 50% gravels and cobbles, and iron oxide mottling increasing in depth over a hardpan till	One clear vessel glass fragment
0S/4W	Proposed Pond Location MP 22.0	79 cm	Very dark grayish brown gravelly sandy loam with 15% subrounded to rounded gravels over dark yellowish brown fine gravelly sand mottled with light olive brown gravelly coarse silt becoming increasingly compact with depth-terminated at 79 cm due to encounter with large rock	None
0S/8W	Proposed Pond Location MP 22.0	90 cm	Very dark grayish brown, clayey sandy loam with less than 30% subrounded to rounded gravels over a dark yellowish brown compact sandy loam with 30% gravels and cobbles over a light olive brown hardpan till	One clear vessel glass fragment
0S/10W	Proposed Pond Location MP 22.0	82 cm	Very dark grayish brown, clayey sandy loam with less than 30% subrounded to rounded gravels over a dark yellowish brown compact sandy loam with 30% gravels and cobbles and clasts of pale olive clayey sand over a light olive brown hardpan till	None

Shovel Probe #	Location	Depth BGS	Soil Description	Cultural Material Identified
2S/2W	Proposed Pond Location MP 22.0	90 cm	Very dark brown silty loam with 20% subrounded to subangular gravels and cobbles over a dark yellowish brown gravelly sandy loam over a dark yellowish brown gravelly fine sand with 20% subrounded to subangular gravels and cobbles over a very compact mottled olive yellow to light olive brown till	Four plastic fragments-modern, one clear vessel glass fragment
2S/6W	Proposed Pond Location MP 22.0	90 cm	Very dark grayish brown compact clayey sandy loam with 20% to 30% subrounded gravels and cobbles over dark yellowish brown compact sandy loam with 30% subrounded to rounded gravels over light olive brown hardpan till	One piece clear vessel glass, one cryptocrystalline core
2S/8W	Proposed Pond Location MP 22.0	90 cm	Very dark grayish brown compact clayey sandy loam with less than 30% gravels-cobbles over a compact dark yellowish brown sandy loam with 30% gravels and cobbles with pieces of manganese and iron oxide concentration over a light olive brown hard pan till	One clear vessel glass fragment
2S/10W	Proposed Pond Location MP 22.0	85 cm	Very dark grayish brown, clayey sandy loam with less than 30% subrounded to rounded gravels over a dark yellowish brown compact sandy loam with 30% gravels and cobbles over a light olive brown hardpan till	None
4S/4W	Proposed Pond Location MP 22.0	97 cm	Very dark brown silt loam with 40% subrounded to subangular gravels over dark yellowish brown with 30% to 40% subrounded to subangular gravels and cobbles over light olive brown hardpan till	One clear vessel glass fragment
4S/8W	Proposed Pond Location MP 22.	75 cm	Very dark grayish brown sandy loam with 20% subrounded gravels over dark yellowish brown sandy loam with 20% to 30% subrounded to rounded gravels over olive brown gravelly fine sand with less than 30% gravels	One clear vessel glass fragment, one round nail
6S/2W	Proposed Pond Location MP 22.0	90 cm	Dark brown very gravelly silty loam with 40% subrounded to subangular gravels and cobbles over a dark yellowish brown sandy loam with 30 % to 40% subrounded to subangular gravels and cobbles over a light olive brown till	Twelve clear vessel glass fragments, one clear glass base fragment
6S/6W	Proposed Pond Location MP 22.0	90 cm	Dark brown compact clayey sandy loam with 30% gravels and cobbles over dark yellowish brown, compact sandy loam with 30% gravels and cobbles over light olive brown hardpan till	Two pieces asbestos cladding, one round nail, one clear pane glass fragment
6S/4W	Proposed Pond Location MP 22.0	95 cm	Very dark grayish brown, sandy loam with 30% to 40% subrounded to rounded gravels over a dark yellowish brown, sandy loam with 40% subrounded to rounded gravels and cobbles over a light olive brown hard pan till	One round nail, two plastic fragments

Shovel Probe #	Location	Depth BGS	Soil Description	Cultural Material Identified
6S/8W	Proposed Pond Location MP 22.0	75 cm	Very dark grayish brown, sandy loam with 20% subrounded to rounded gravels over a dark yellowish brown, sandy loam with 20 to 30% subrounded to rounded gravels over an olive yellow to light olive brown, gravelly fine sandy with less than 30% gravels	One round nail, one clear glass vessel fragment.
8S/2W	Proposed Pond Location MP 22.0	100 cm	Dark gray brown, compact gravelly sandy loam with rootlets and 20% to 30% gravels over a dark yellowish brown, sandy gravelly loam with 40% to 50% gravels over a light olive brown hardpan till	None
8S/4W	Proposed Pond Location MP 22.0	98 cm	Very dark brown, gravelly sandy silty loam with 20% to 30% subangular to subrounded gravels over a dark yellowish brown, very fine silty sand with 40% subrounded to subangular gravels over a light olive brown hardpan glacial till	One round nail, one rubber fragment, one slate flake
8S/8W	Proposed Pond Location MP 22.0	95 cm	Very dark grayish brown, clayey sandy loam with less than 30% subrounded to rounded gravels over a dark yellowish brown, compact sandy loam with 30% gravels and cobbles over a light olive brown hardpan till	One bicycle tire cap, three clear vessel glass fragments, three round nails, eight asbestos fragments
10S/4W	Proposed Pond Location MP 22.0	120 cm	Very dark grayish brown, compact gravelly sandy loam with 20% to 30% gravels, pieces of charcoal, and root penetration, over a dark yellowish brown, compact sandy gravelly loam with 20% to 30% subrounded to rounded gravels and cobbles over a light olive brown hardpan till	Two pieces of pane glass, nine asbestos shingle fragments, one round nail
14S/6W	Proposed Pond Location MP 22.0	100 cm	Dark grayish brown, compact clayey sandy loam with less than 30% gravels over a compact dark yellowish brown, sandy loam with less than 30% gravels and cobbles over clasts of light olive brown, sandy clay till	Modern (one beer bottle fragment)
2N/6W	Proposed Pond Location MP 22.0	114 cm	Very dark brown, silty loam with 30% subrounded to subangular gravels and cobbles over dark yellowish brown, silty loam, with grayish brown mottles, with 30% subrounded to subangular gravels and cobbles over light olive brown compact till	None
6N/6W	Proposed Pond Location MP 22.0	80 cm	Dark brown, silty loam with less than 30% subrounded to subangular gravels over dark yellowish brown, sandy silty loam with 40% subrounded to subangular gravels and cobbles over a light olive brown hard pan till	Modern (sock material in sidewall)

45K1756 \$ LOCUS V SHOVEL PROBES (1/2)
 = 20cm

LEGEND: A: ASBESTOS SHINGLE G = GLASS CL = CERAMIC K = KROTovina
 F = FLAKE B = FAUNAL BONE C = CORE



LEGEND
 A - ASBESTOS SHINGLE WATER TABLE
 B - FAUNAL BONE
 C - CORE
 CL - CERAMIC
 F - FLAKE
 G - GLASS
 K - KROTovina
 M - METAL (NAIL, STAPLE, NUT)

ADAPTED FROM
 KEY TO SOIL TYPES (USCS CLASSIFICATION)
 CL - CLAYEY SILT TO SILTY CLAY
 GC - FILL (GRAVEL, SAND, CLAY MIX)
 ML - FINE TO MEDIUM SAND
 SC - SANDY CLAY
 SM - SANDY SILT TO SILTY SAND
 SW - GRAVELLY SAND TO SANDY GRAVEL
 O - ORGANIC (DUFF)

KEY TO SOIL COLORS
 bl - black
 br - brown to strong brown
 db - dark brown
 dgb - dark grayish brown
 dyb - dark yellowish brown
 yb - yellowish brown
 ob - olive brown

No. 1140

2MM GRID

No. 1140

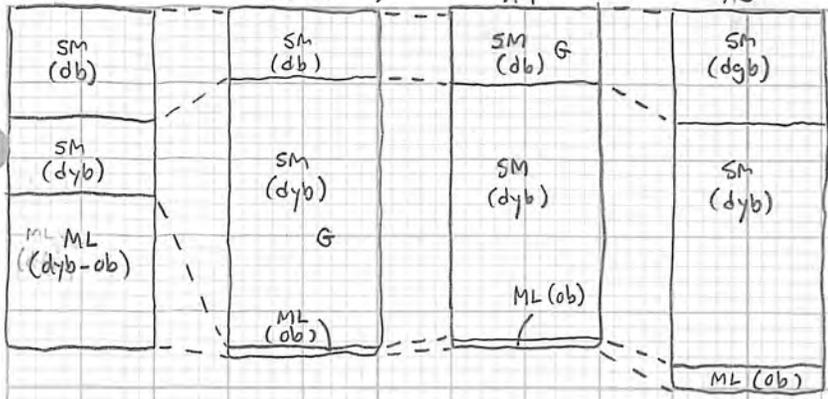
SITE 45K1756 TEST PROBES
(2/2)

□ = 20cm

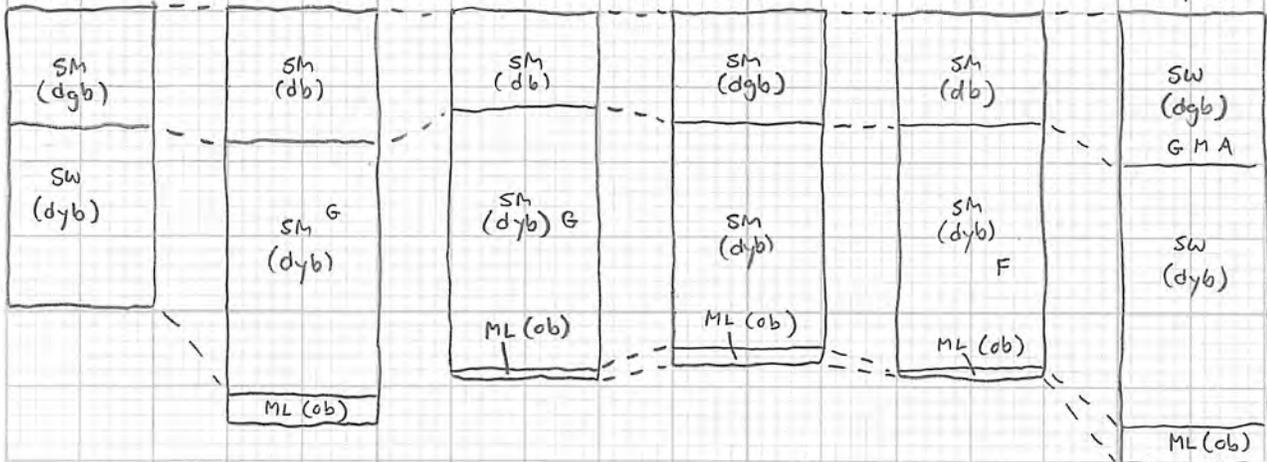
* HISTORICAL & MODERN MATERIAL SHOWN IN DEEPEST PORTION OF PROFILE FROM WHICH SEDIMENT SCREENED

SEE LEGEND & KEYS SHEET 1

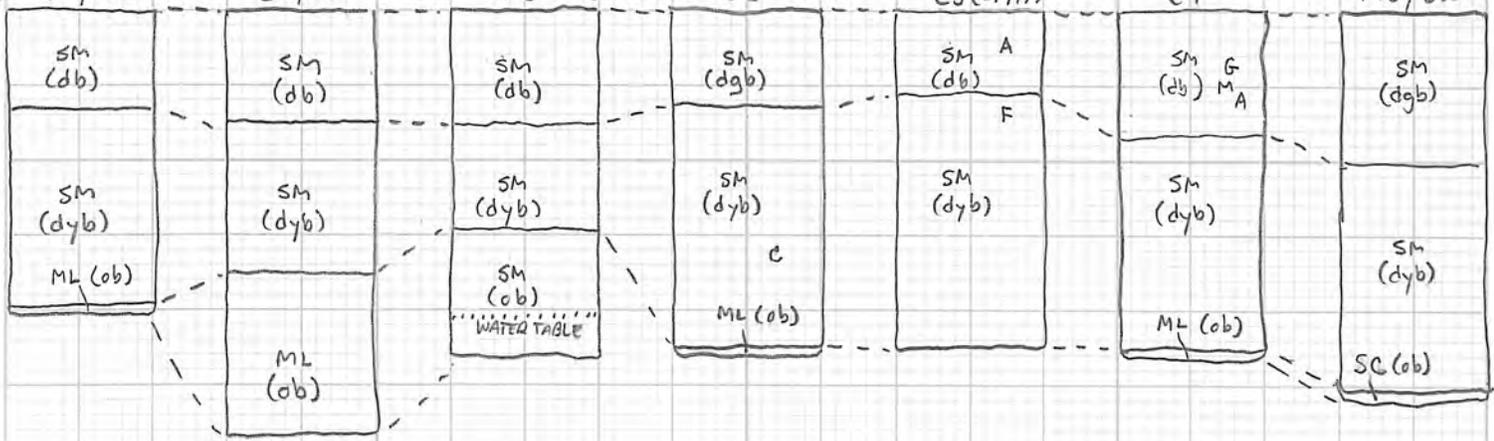
A2 (2/2) A3 (SPA11) A4 A5



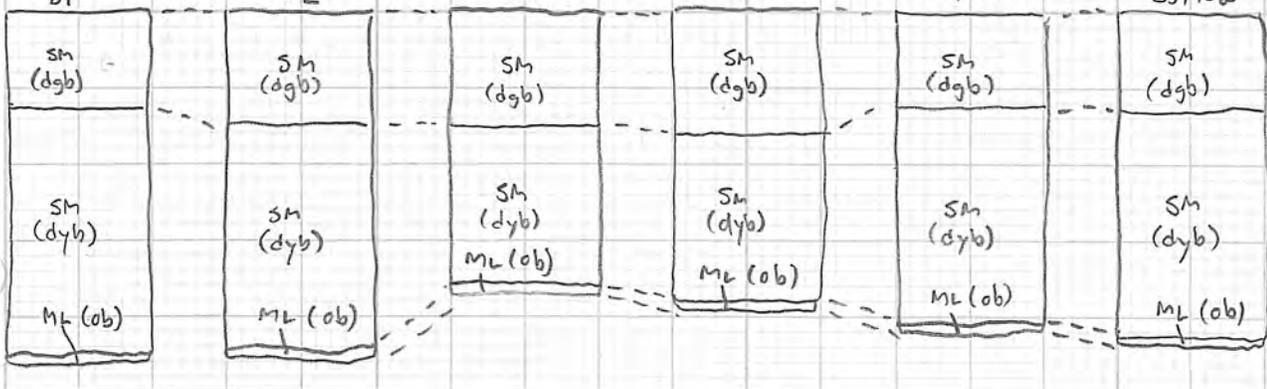
B1 B2 B3 B4 B5 10s/4w



6N/6w 2N/6w C1 (SPA10) C2 C3 (SPA7) C4 14s/6w



D1 D2 D3 D5 Os/10w Zs/10w



SITE 45K1756 TEST PROBES





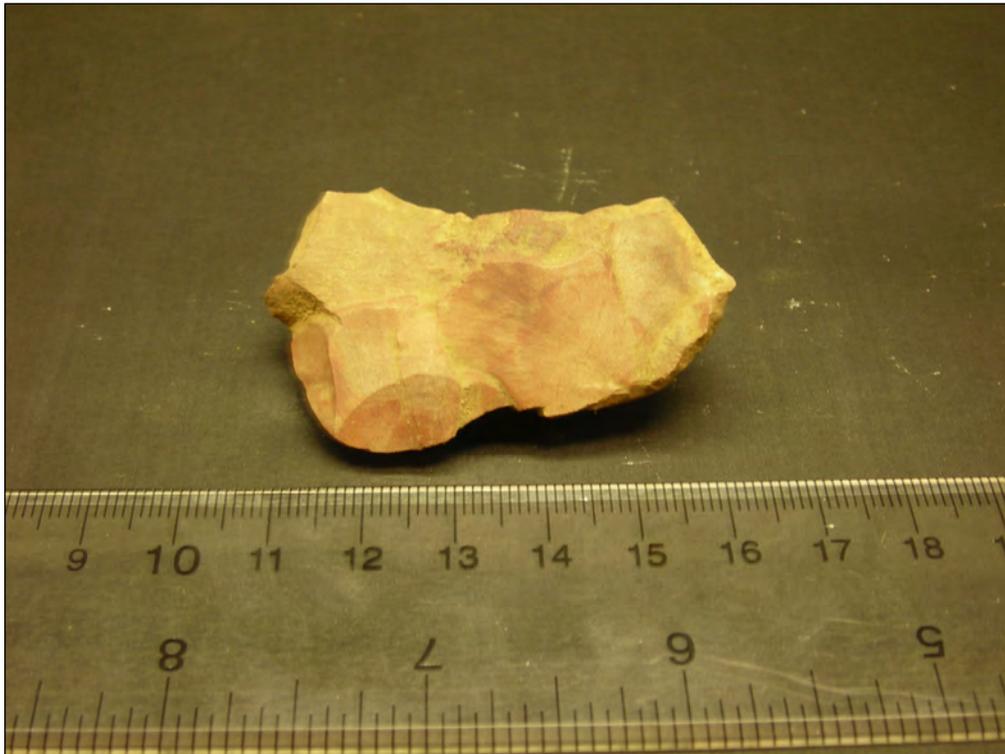
1. Overview of site 45KI756 looking north.



2. Historic artifacts from site 45KI756.



3. Slate flake from site 45KI756.



4. Cryptocrystalline decortication flake from site 45KI756.



5. Cryptocrystalline core from site 45KI756.



6. Planview of SP 2S-4W at site 45KI756.

Site 45KI756-GPS Coordinates

(Readings taken with Garmin GPSmap 60CSx with +/- 25 foot accuracy)

Shovel Probe #	GPS Coordinates	Comments
Datum	N 47 73.411 W 122 18.744	2 meters east of grid corner A1
A1	N 47 73.399 W 122 18.738	Corner of grid
A5	N 47 73.394 W 122.18744	Corner of grid
D1	N 47 73.406 W 122 18.745	Corner of grid
D5	N 47 73.39 W 122 18.748	Corner of grid
B1	N 47 44.028 W 122 11.318	Grid shovel probe
B3	N 47 44.024 W 122 11.319	Grid shovel probe
B4	N 47 44.027 W 122 11.321	Grid shovel probe
Judgmental probe 2N/6W	N 47 73.409 W 122 18.744	Judgmental probe
Judgmental probe 14S/6S	N 47 73.393 W 122 18.752	Judgmental probe
Judgmental probe 6N/6W	N 47 73.409 W 122.18742	Judgmental probe
Judgmental probe 10S/4W	N 47 44.024 W 122 11.319	Judgmental probe

STATE OF WASHINGTON
ARCHAEOLOGICAL SITE INVENTORY FORM

Site No. 45KI757 County: KING
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Date: 04/17/07 **Compiler:** Doug Tingwall

Location Information Restrictions:

SITE DESIGNATION

Site Name: East Norway Hill Lithic Scatter

Field/ Temporary ID: NBA-1

Site Type: (Refer to the DAHP Survey and Inventory Guidelines) Pre contact lithic material

SITE LOCATION

***USGS Quad Map Name:** Bothell, WA (1953; photo revised 1981)

***Legal Description:** T.26N R.5E **Section(s):** 9 **Quarter Section(s):** NW ¼, SW ¼, SW ¼

***UTM:** **Zone** 10 **Easting** 561120 **Northing** 5288700

Latitude: 48.0044 °N **Longitude:** 122.2294 °W **Elevation (ft):** 260 feet

Other Maps

Type

Scale

Source:

Drainage, Major: Sammamish River

Drainage, Minor: unnamed creek

River Mile: 6

Aspect: West

Slope: 10%

***Location Description** (general to specific): The site is situated in the Puget Trough Province of Western Washington on the east side of Puget Sound less than 0.50 mile south of the Sammamish River where I-405 spans the river on East Norway Hill near Bothell. The site is situated on a forested bench along the west slope of the foot of East Norway Hill near milepost 23 overlooking a narrow valley incised by a north-trending drainage that is occupied by the I-405 corridor (Figure 1). The site is located in the Washington State Department of Transportation (WSDOT) right-of-way just east of the I-405 northbound lanes, close to a

freeway sign for exit 22. The site is situated 5 meters (m) east of and approximately 7 m above the highway right-of-way.

Approach (to relocate): Accessing the site will require prior coordination with WSDOT to obtain permission for parking on the shoulder of I-405 and for access to WSDOT property. Proceed north on I-405 from Bellevue to a point approximately 0.50 mile beyond the NE 160th Street overpass and park on the shoulder of the highway. Proceed up the slope and walk south to the Kirkland Stage 2 landslide well. The site is located approximately 15 m southwest and on a 24 degree compass bearing from the Kirkland Stage 2 landslide well xL2326 KLS-3-05.

*Mandatory information for official site designation

ARCHAEOLOGICAL SITE INVENTORY FORM

Page 2

SITE DESCRIPTION

Narrative Description: The site consists of a light scatter of lithic debitage, fire-cracked rock (FCR), expedient stone tools, and a subsurface feature consisting of four metamorphic cobbles distributed across a relatively level bench of a forested, west-sloping hillside bounded by a steep west-trending drainage to the north and a southwest-trending swale to the south. The prehistoric artifacts occur in a buried context between 20 centimeters (cm) to 70 cm below ground surface (BGS) in dark yellowish brown (10YR 4/6), sandy loam to olive brown (2.5Y5/4), sandy loam with sparse gravels.

***Site Type:** (Refer to the DAHP Survey and Inventory Guidelines) Pre-contact lithic material

Dimensions, Method of horizontal measurement: Pacing

Length: 42 meters Direction: N-S Width: 17 meters Direction: E-W

Depth: 20-70 cm BGS Method of vertical measurement: Shovel probe depth

Vegetation - On Site: Cedar, blackberry, alder, and maple.

Local: Forested Hill

Regional: *Tsuga heterophylla* zone

Landforms - Hill

Local: Upland

Water Resources - Type: Sammamish River Distance: 0.5 mile Permanence: Permanent

CULTURAL MATERIALS AND FEATURES

Narrative Description: The prehistoric lithic scatter at 45KI757 consists of: 3 small, tested pebbles/cores; 1 thin, tabular schist knife; 1 slate preform; 1 metasedimentary preform; 1 large, tabular metasedimentary manuport; 12 fragments of fire-cracked rock, 4 of which were associated with a feature (Feature 1); and assorted slate, metasedimentary, schist, and cryptocrystalline silicate (CCS) debitage.

Shovel Probe #	Artifact Description	Depth Below Ground Surface	Associated Stratum
SP 33	One metasedimentary tested cobble, one schist knife	24 cm	Stratum II
A1-2W/16S	One piece slate shatter, two slate flakes, one schist flake	54-70 cm	Stratum II
A3-2W/20S	Two slate flake fragments	63 cm and 80 cm	Stratum II

A6-2W/26S	One slate flake (broken)	40 cm	Stratum II
B1-4W/16S	One cryptocrystalline flake	20 cm	Stratum II
B3-4W/20S	Three metasedimentary flakes	20-40 cm	Stratum II
C2-6W/18S	Two slate flakes (broken)	10-25 cm	Stratum II
C3-6W/20S	Two pieces of fire cracked rock (FCR)	20-45 cm	Stratum II
C4-6W/22S	One slate decortication flake	20-40 cm	Stratum II
C5-6W/24S	Two metasedimentary flakes (broken), one metasedimentary decortication flake (broken in two pieces)	Upper 40 cm	Stratum II
C6-6W/26S	One metasedimentary flake (broken)	20 cm	Stratum II
D3-8W/20S	Two slate flakes	15-40 cm	Stratum II
D4-8W-22S	One fire-cracked rock	10-15 cm	Stratum I
E2-10W/20S	One metasedimentary flake	20-50 cm	Stratum II
E4-10W/22S	One metasedimentary tested cobble	Upper 20 cm	Stratum II
E6-10W/26S	One piece of slate shatter and a possible slate preform	40 cm	Stratum II
28S/13W	Two slate flakes (broken)	20-30 cm	Stratum II
0W/14S	One slate flake fragment, one metasedimentary utilized flake, one metasedimentary complete flake	Upper 20 cm and upper 50 cm	Stratum I-II
0W/16S	One slate flake	50-60 cm	Stratum II
0W/18S	One metasedimentary flake	Upper 50 cm	Stratum III
0W/20S	One metasedimentary preform	40 cm	Stratum II
0W/32S	One cryptocrystalline flake (broken)	30-40 cm	Stratum II
6W/32S	Two pieces fire-cracked rock	60-70 cm	Stratum II
2E/12S	One schist flake, one slate flake (broken)	37 cm and upper 50 cm	Stratum II-III
2E/28S	Three pieces of fire-cracked rock, five slate flakes (four broken), two metasedimentary flakes, one schist flake (broken)	Upper 60 cm	Stratum III
4E/30S	Four pieces of fire cracked rock found in Feature 1, one metasedimentary flake, one schist flake, one metasedimentary tested cobble	Upper 45 cm	Stratum III
6E/34S	Two slate fragments (broken)	Upper 50 cm	Stratum III

Tree root wad	Tabular angular manuport	30-40 cm	Unknown
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The original artifact discovered during preliminary shovel probing (SP 33) is a subrounded, pale olive (5Y6/3), fine-grained metasedimentary, tested pebble measuring 6 cm by 4.5 cm by 4 cm that exhibits percussion flake scars forming one convex lateral margin and an amorphous rind of iron oxide concretions on its ventral surface, some of which extends onto the flake scars.

The second tested pebble recovered during site testing (E4) is an oblate, rounded specimen of greenish gray (Gley 1 6/1 5GY), pitted, fine-grained, metasedimentary stone measuring 4 cm by 3.5 cm by 2cm with two, percussion flake scars converging to a point along one lateral margin. The arrises of this specimen are worn and the cortex exhibits pitting similar to pebbles and cobbles found in early till deposits although whether this incipient decomposition transpired before or after the specimen's anthropogenic modification cannot be determined. It also exhibits iron oxide concretions along its cortex and to some degree within the flake scars.

A third tested cobble is an angular, tabular fragment of striated, metasedimentary stone measuring 8 cm by 4.5 cm by 3 cm exhibiting broad flake scars parallel to the grain of the rock along three margins and iron oxide concretions on the flake scars as well as both dorsal and ventral surfaces. This specimen was recovered approximately 40 cm BGS in association with Feature 1 (4E/30S) in light olive brown, sandy loam with 15 percent to 20 percent pea-sized gravels.

The lamellar fragment of quartzofeldspathic schist also found in SP 33 is a knife measuring 5.5 cm by 3.5 cm by 2 millimeters (mm), with broken proximal and distal edges and one beveled lateral margin. A sinuous step fracture runs parallel to the beveled edge and may represent fissile decortication or the intentional removal of a piece of the schist to facilitate edge modification.

The slate preform, which measures 2 cm by 2 cm by 0.5 cm, is plano-convex to lenticular in cross section and is broken along the proximal, distal, and one lateral margin. The specimen was recovered approximately 40 cm BGS (E6) and exhibits a notch and incipient edge preparation along two margins on one face in the form of flaking and grinding.

The metasedimentary preform was found at approximately 40 cm BGS (0W/20S) and exhibits a unilaterally shouldered, laurel leaf shape measuring 9.5 cm by 3.5 cm by 1.5 cm, with a flaked pointed distal termination and step fractures along cleavage planes within the stone. The artifact may also represent an expedient perforating tool.

One large, tabular, angular cobble of striated, metasedimentary rock measuring 25 cm by 22 cm by 7 cm and weighing 4 kilograms (kg) was recovered from a root wad of an upturned stump between grid test probes D3 and D4. The cobble has a grain reminiscent of that seen in petrified wood, but its blocky appearance and anastomosing striations seen in profile along one edge suggest it is a partially metamorphosed argillaceous stone. The cobble was observed in a stratum of dark yellowish brown, sandy loam with sparse gravels at an estimated depth of 30 cm to 40 cm BGS, but other than its unusual occurrence and similarity to the stone comprising some of the metasedimentary lithic debitage, it bears no sign of battering or cultural modification suggestive of an inferred use as an anvil stone for bone breakage or bipolar reduction for stone tool production.

A total of 12 pieces of subangular to angular, metamorphic FCR, altogether weighing 8.57 kilograms (kg), were recovered from the following test probes: 3 FCR weighing 64.35 grams (g) from 2E/28S; 2 FCR weighing 18.60 g from C3; 1 FCR weighing 71.72 g from D4; 2 FCR weighing 2.96 kg from 6W/32S; and 4 FCR weighing 4.06 kg from Feature 1 in 4E/30S. The bases of three of these specimens were situated at approximately 30cm BGS, and the fourth, which stood on end, was situated at 45 cm BGS in a stratum of light olive brown, sandy loam. No evidence of carbonaceous staining or oxidation was observed in association with this feature.

The total count for lithic debitage recovered from the site was 44 and consisted of 24 pieces of slate, 14 pieces of metasedimentary rock (some with an aphanitic texture and others with a striated texture), 4 fragments of schist, and 2 CCS flakes. Twenty (45 percent) of the flakes are complete specimens, 20 (45 percent) exhibit one broken margin, 2 (5 percent) exhibit more than one broken margin, and 2 (5 percent) represent shatter. The lithics were sorted with sieves in the following size classes: 1 inch, 0.5 inch, 0.25 inch, 0.125 inch. With respect to size, 22 (50 percent) fall within the 1 inch size class or above, although most of the specimens cluster at 1 inch, and 20 (45 percent) at 0.5 inch, and 2 (5 percent) at 0.25 inch. Half of the lithic debitage exhibited cortex and the remainder did not. Fifteen (68 percent) of the 22 flakes exhibiting cortex fell within the 1.0 inch size category. The composition of the lithic debitage suggests a combination of early to middle stage reduction, possibly representing expedient tool production with the smaller specimens, such as the CCS flakes representing late stage reduction suggestive of tool refinement and/or rejuvenation.

The stratigraphy onsite consists of duff and a dark brown to dark grayish brown, sandy loam (Stratum I) overlying a dark yellowish brown, sandy loam (Stratum II) overlying a basal stratum of compact light olive brown, sandy loam (Stratum III) with shrub and tree roots, trace charcoal flecking, root burn, and gravel density from less than 5 percent to 25 percent. No evidence of a seasonal water table in the form of iron oxide

or manganese nodules was observed in the shovel probe profiles although an unevenly distributed rind of iron oxide concretion was found adhering to the cortex and flake scars of some of the artifacts. The stratigraphy on site is well drained and the concretions may be attributable to iron translocation through the agency of rain water percolating downward in the soil profile and flocculating or leaving behind incremental, trace concentrations of iron precipitate on the surfaces of the flaked stone. The iron oxide concretions then could indicate a considerable antiquity for some of the artifacts. Although the majority of the artifacts occurred within the dark yellowish brown, sandy loam stratum, the easternmost test probes near the crest of the hill exhibited a stratigraphic unconformity with the dark brown sediment immediately overlying the compact light olive brown stratum. The lack of Stratum II in the easternmost test probes may represent differential transport of the sediment through slopewash, and this factor, together with the absence of any discernible paleosol, suggests the possibility that some of the prehistoric material may have been displaced from its original context. Formal subsurface testing should be able to determine if this is the case by getting more precise vertical proveniences for artifacts and noting strike and dip of any artifacts found in situ. Moreover, formal testing should be able to determine if the artifacts represent one or multiple occupations. If the artifacts are in a primary depositional context, then their depth within the soil profile of a landform in a non-depositional setting, together with the iron oxide concretions that adhere to the flaked edges of some of the tools and debitage, would indicate a considerable antiquity for the assemblage.

The tested pebbles and expedient tools/preforms, as well as the flaked slate, metasedimentary, and schist debitage from 45KI757, are similar to those evident in early Holocene assemblages associated with the Pebble Tool Tradition as defined at sites such as Glenrose Cannery, Milliken, and South Yale along the Fraser River in British Columbia. The Pasika complex is an early Holocene riverine and coastal adaptation with assemblages dominated by simple, flaked pebbles and expedient multipurpose tools that seldom exhibiting bifacial flaking (Borden 1968; Carlson 1990; Carlson and Dalla Bona 1996). Archaeologists speculate that the Pebble Tool Tradition represents an initial coastal settlement by early Holocene peoples who subsequently followed rivers into the interior uplands and may be affiliated with or ancestral to the Olcott tradition in Puget Sound (Carlson 1990). Although they lack a specific chronological association, artifacts associated with the Bertelson Suquamish collection from Puget Sound exhibit poorly flaked material tentatively identified as shale and suggest that local prehistoric indigenous groups utilized unconventional types of toolstone such as the metasedimentary flakes recovered at 45KI757 (Smith 1950). The type of artifacts found at 45KI757, together with their location in an interior, upland setting relatively far removed from any major drainage but proximal to minor, seasonal drainages, suggests the possibility of an ephemeral occupation with an early to middle

Holocene affiliation like that associated with regional Olcott sites.

Method of Collection: Collected from shovel test probes **Location of Artifacts (Temporary/ Permanent):**
Temporary. Washington State Department of Transportation, Urban Corridors Office, 401 2nd Ave. S., Suite
400, Seattle, WA 98104

SITE AGE

***Component:** Prehistoric Pebble Tool Tradition ***Dates:** 9,000-4,000 BP ***Dating Method:** Assemblage

ARCHAEOLOGICAL SITE INVENTORY FORM

Page 3

SITE RECORDERS

*Recorded by: Doug Tingwall and Kara Kanaby

*Affiliation/Address: Landau Associates, 130 2nd Avenue South, Edmonds, Washington, 98020

*Date Recorded: 11/16/2007

*Affiliation Phone Number: 425-778-0907

Affiliation E-mail: lgoetz@landauinc.com

Revisited by:

Affiliation Address:

Date Revisited:

SITE HISTORY

Previous Work (references):

Borden, Charles E. 1968. "Prehistory of the Lower Mainland." *Lower Fraser Valley: Evolution of a Cultural Landscape*. A.H. Siemens (ed.). British Columbia Geographical Series 9. pp. 9-26.

Carlson, Roy L. 1990. "Cultural Antecedents." In *Handbook of North American Indians*. Vol. 7. Northwest Coast. Wayne Suttles (ed.). Smithsonian Institution. Washington D.C. pp. 60-69.

Carlson, Roy L. and Luke Dalla Bona (eds.). 1996. *Early Human Occupation in British Columbia*. UBC Press. Vancouver, British Columbia.

Smith, Marian W. 1950. *Archaeology of the Columbia-Fraser Region*. Memoirs of the Society for American Archaeology Number 6. Society for American Archaeology and Columbia University. Menasha, Wisconsin.

SITE OWNERSHIP

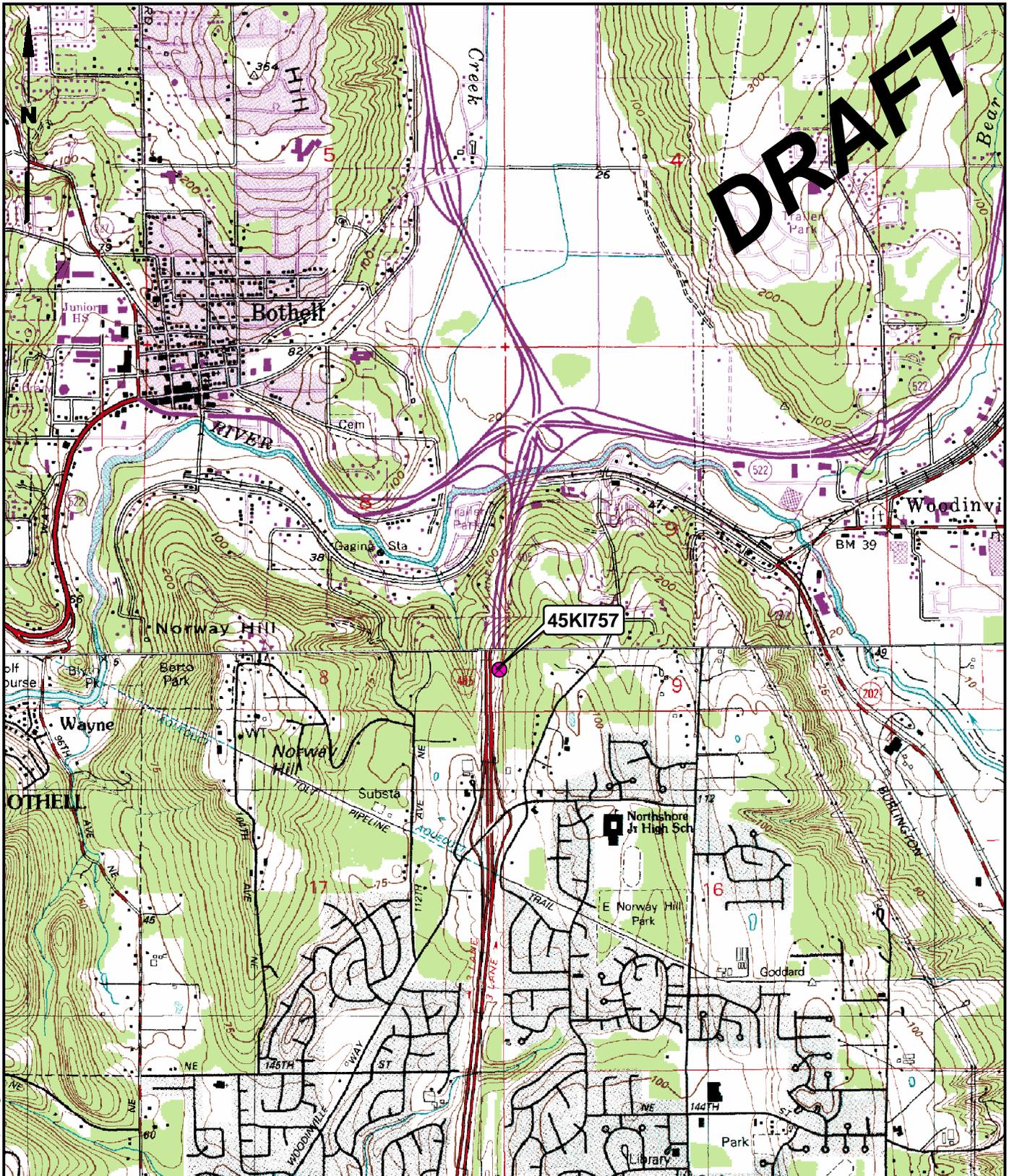
*Owner/Address: Washington State Department of Transportation
Urban Corridors Office-Environmental Services
Attn: Allison Hanson, UCO Deputy Director
I-405 Congestion Relief and Bus Rapid Transit Projects I-405, SR 520 to I-5 Project
401 Second Avenue South, Suite 500
Seattle, Washington 98104

Parcel Nos: There is no parcel number as the property is the State of Washington Department of Transportation right-of-way along I-405.

FORM RECORDS

Other Forms (specify): N/A

DRAFT



Y:\Projects\244043\010\MapDocs\Report\Fig1_45KI757.mxd 7/19/2007



Data Source: USGS 7.5' Topo Quads (Bothell and Kirkland)

<p>I-405 SR 520 to I-5 Improvement Project King County, Washington</p>	<p>Site Location Map</p>	<p>Figure 1</p>
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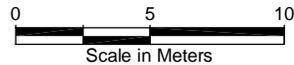
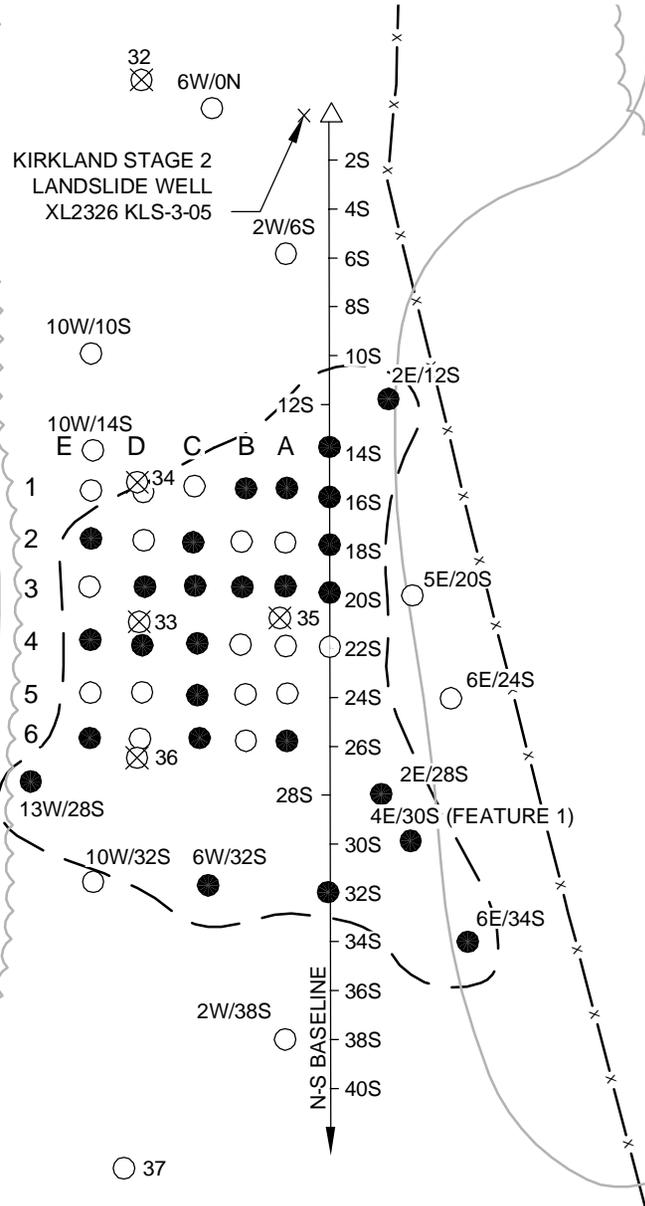


DRAFT

Legend

- Site Boundary
- △ Datum
- ⊗ Negative Shovel Probe Location
- Positive Shovel Probe Location
- Negative Test Probe Location
- Positive Test Probe Location
- x — Fenceline
- ~ Forest

I-405 NORTHBOUND LANES

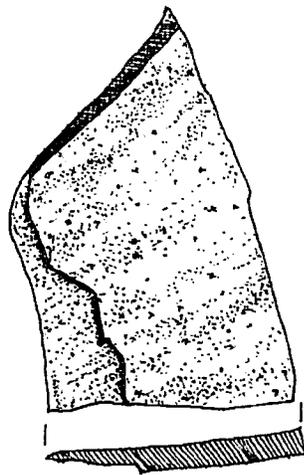


I-405, SR 520 To I-5
Improvement Project
Snohomish County, Washington

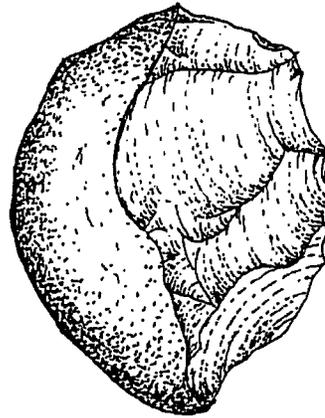
45KI757 Site Map
East Norway Hill
Lithic Scatter

Figure
2

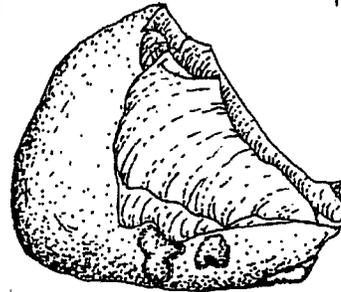




SCHIST KNIFE
SP33, STRATUM II
(27cm bgs)



DORSAL

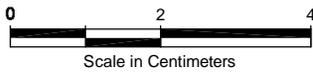


SIDE

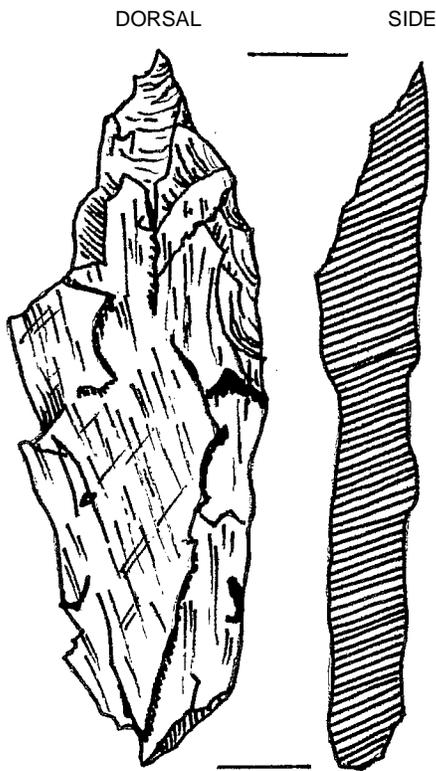


VENTRAL

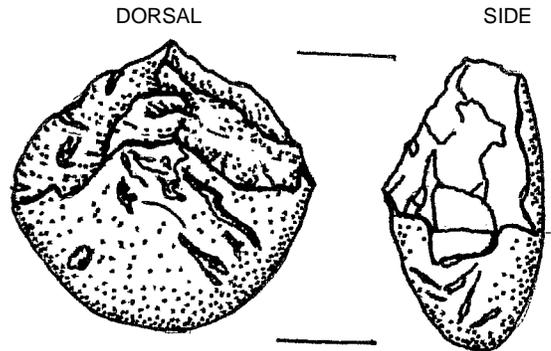
METASEDIMENTARY
TESTED PEBBLE
SP33, STRATUM II
(24cm bgs)



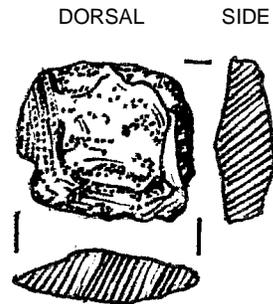
DRAFT



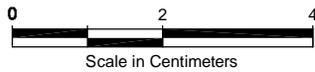
METASEDIMENTARY
PREFORM
OW / 205, STRATUM II
(20cm bgs)



METASEDIMENTARY
TESTED PEBBLE
E4, STRATUM II
(20cm bgs)



SLATE PREFORM
E6, STRATUM II
(44cm bgs)



DRAFT

ARCHAEOLOGICAL SITE INVENTORY FORM

Site No. _____

Page 4

MANDATORY USGS MAP

***Quad Name:** Bothell, WA

***Series:** 7.5-minute

***Date:** 1953; photo revised 1981

SEE ATTACHED

Section: 9

SKETCH MAP

Legend:

Known boundary

Possible boundary

Other symbols
(other than USGS)

SEE ATTACHED

Scale:

North Arrow
(mag.)

Site 45KI757-Artifact Table

Shovel Probe #	Artifact Description	Depth Below Ground Surface	Associated Stratum
SP 33	One metasedimentary tested cobble, one schist knife	24 cm	Stratum II
A1-2W/16S	One piece slate shatter, two slate flakes, one schist flake	54-70 cm	Stratum II
A3-2W/20S	Two slate flake fragments	63 cm and 80 cm	Stratum II
A6-2W/26S	One slate flake-broken	40 cm	Stratum II
B1-4W/16S	One cryptocrystalline flake	20 cm	Stratum II
B3-4W/20S	Three metasedimentary flakes	20-40 cm	Stratum II
C2-6W/18S	Two slate flakes-broken	10-25 cm	Stratum II
C3-6W/20S	Two pieces of fire-cracked rock	20-45 cm	Stratum II
C4-6W/22S	One slate decortication flake	20-40 cm	Stratum II
C5-6W/24S	Two metasedimentary flakes (broken), one metasedimentary decortication flake (broken in two pieces)	Upper 40 cm	Stratum II
C6-6W/26S	One metasedimentary flake-broken	20 cm	Stratum II
D3-8W/20S	Two slate flakes	15-40 cm	Stratum II
D4-8W-22S	One fire-cracked rock	10-15 cm	Stratum I
E2-10W/20S	One metasedimentary flake	20-50 cm	Stratum II
E4-10W/22S	One metasedimentary tested cobble	Upper 20 cm	Stratum II
E6-10W/26S	One piece slate shatter and a possible slate preform	40 cm	Stratum II
28S/13W	Two slate flakes-broken	20-30 cm	Stratum II
0W/14S	One slate flake fragment, one metasedimentary utilized flake, one metasedimentary complete flake	Upper 20 cm and upper 50 cm	Stratum I-II
0W/16S	One slate flake	50-60 cm	Stratum II
0W/18S	One metasedimentary flake	Upper 50 cm	Stratum III
0W/20S	One metasedimentary preform	40 cm	Stratum II
0W/32S	One cryptocrystalline flake-broken	30-40 cm	Stratum II
6W/32S	Two pieces fire-cracked rock	60-70 cm	Stratum II
2E/12S	One schist flake, one slate flake-broken	37 cm and upper 50 cm	Stratum II-III
2E/28S	Three pieces of fire-cracked rock, five slate flakes-four broken, two metasedimentary flakes, one schist flake-broken	Upper 60 cm	Stratum III
4E/30S	Four pieces of fire-cracked rock found in Feature 1, one metasedimentary flake, one schist flake, one metasedimentary tested cobble	Upper 45 cm	Stratum III
6E/34S	Two slate fragments-broken	Upper 50 cm	Stratum III
Tree root wad	Tabular angular manuport	30-40 cm	Unknown

Site 45KI757 Shovel Probe Table

Shovel Probe #	Location	Depth	Soil Description	Cultural Material Identified
A1-2W/16S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	109 cm	Dark yellowish brown, fine silty sand with less than 10% subrounded to rounded gravels with some roots and sparse charcoal fragments from root burn over olive brown, fine sand with less than 10% subrounded to rounded gravels	One piece of slate shatter, two slate flakes, one schist flake
A2-2W/18S	Location for Sound/ Retaining Wall -Milepost 23.5 to 23.0 Locus VII E	80 cm	Dark yellowish brown, sandy loam over dark yellowish brown, fine sandy silt with less than 10% subrounded to rounded gravels and a slow gradation to olive brown, very compact fine sand	None
A3-2W/20S	Location for Sound/ Retaining Wall -Milepost 23.5 to 23.0 Locus VII E	100 Cm	Duff with dark brown, silty sandy loam with some rootlets over brown, fine silt with less than 10% subrounded to rounded gravels and abundant roots over olive brown, fine silty sand with less than 10% gravels and cobbles	Two slate flake fragments
A4-2W/22S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	80 cm	Duff with very dark brown over dark yellowish brown, fine sand with less than 10% subrounded gravels over light olive brown, fine sand with less than 10% subrounded to rounded gravels	None
A5-2W/24S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Duff with organics over very dark brown, silty loam with less than 10% subrounded to rounded gravels over dark yellowish brown, silty sandy loam, mottled with olive brown, with less than 10% subrounded to rounded gravels over olive brown, fine silty sand	None
A6-2W/26S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Very dark brown duff over dark yellowish brown, fine silty sand with less than 10% subrounded to rounded gravels with some roots and over light olive brown, fine sand with less than 10% subrounded to rounded gravels	One broken slate flake
B1-4W/16S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Very dark brown, sandy loam over dark yellowish brown, sandy loam between 20 cm to 30 cm of gradation to yellowish brown to light olive brown; less than 10% subrounded to rounded gravels over light olive brown, fine compact sand	One cryptocrystalline flake
B2-4W/18S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Dark brown, silty sand with less than 10% subrounded to rounded gravels over dark yellowish brown, silty sand with less than 10% subrounded to rounded gravels over olive brown, fine sand with less than 10% subrounded to rounded gravels	None

Shovel Probe #	Location	Depth	Soil Description	Cultural Material Identified
B3-4W/20S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Very dark brown, sandy loam fine sand with less than 10% subrounded to rounded gravels over dark yellowish brown, fine sandy with less than 10% subrounded to rounded gravels over light olive brown, compact fine sand	Three metasedimentary flakes
B4-4W/22S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff with very dark grayish brown over dark yellowish brown, fine sandy silt with less than 10% subrounded to rounded gravels over olive brown, fine sandy silt becoming increasingly compact in depth to a clayey silt with less than 10% subrounded to rounded gravels; roots extend down to 80 cm	None
B5-4W/24S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	80 cm	Very dark brown over dark yellowish brown, fine silty sand with less than 10% subrounded to rounded gravels with detrital tree bark and large red welded sand at 20 cm to 40 cm BGS with less than 10% pea-sized subrounded to rounded gravel and a few cobbles over olive brown, fine sand with less than 10% subrounded to rounded gravels, three subangular metamorphic cobbles between 70-80 cm and less than 10% gravels	None
B6-4W/26S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	44 cm	Duff with very dark brown, fine silty loam over dark yellowish brown, fine silty sand with less than 10% subrounded to rounded gravels. Encountered roots at 4 cm (impenetrable).	None
C1-6W/16S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	110 cm	Dark yellowish brown, loose fine sandy loam with organics, 40% pea-sized subrounded to rounded gravels, roots over dark yellowish brown, moderately compact sandy loam with 5% gravels, roots, sparse charcoal flecking over light olive brown, compact medium sand with less than 5% sand forms small peds, large roots	None
C2-6W/18S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	95 cm	Very dark brown, sandy loam over dark yellowish brown, very compact fine silty sandy loam over light olive brown, fine sand with less than 5% gravels. Roots go to depth.	Two broken slate flakes
C3-6W/20S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff with very dark brown, rich loam over dark yellowish brown, moderately compact sandy loam with 5% gravels, roots, and sparse charcoal flecking over light olive brown, compact medium sand with less than 5% of sand forming small peds, large roots (weathered glacial sediments)	Two pieces of fire-cracked rock

Shovel Probe #	Location	Depth	Soil Description	Cultural Material Identified
C4-6W/22S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Duff-Dark brown sandy loam over dark yellowish brown fine sand with less than 10% gravels subrounded to rounded over light olive brown-very compact roots extend down to 85 cm trace silt and fine sand	One slate decortication flake
C5-6W/24S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff-very dark brown rich loam over dark yellowish brown moderately compact sandy loam with 5% gravels, roots persist, sparse charcoal flecking over light olive brown, compact medium sand with less than 5% sand forms small peds, large roots persist (weathered glacial sediments)	Two metasedimentary flakes-broken, one metasedimentary decortication flake (broken in two pieces)
C6-6W/26S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff- very dark brown rich loam over dark yellowish brown moderately compact sandy loam with 5% gravels, roots persist, sparse charcoal flecking over light olive brown, compact medium sand with less than 5% sand forms small peds, large roots persist (weathered glacial sediments)	One metasedimentary flake-broken
D1-8W/16S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Dark brown sandy loam over dark yellowish brown-compact ring of roots around 55 cm over olive brown loose fine sand	None
D2-8W/18S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Discontinuous band of duff-over dark yellowish brown fine sandy loam with roots and less than 10% pea sized gravels, rounded gravels, very few rounded gravels over dark yellowish brown-moderately compact sandy loam with less than 5% gravels and roots, sparse charcoal flecking over light olive brown, compact medium sand with less than 5% gravels, sand form peds (friable) roots present, weathered glacial sediments	None
D3-8W/20S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90	Duff-very dark brown organic lens discontinuous band -over dark yellowish brown fine sandy loam with roots and less than 10% pea sized gravels, rounded gravels, very few rounded gravels over dark yellowish brown-moderately compact sandy loam with less than 5% gravels and roots, sparse charcoal flecking over light olive brown, compact medium sand with less than 5% gravels, sand form peds (friable) roots present, weathered glacial sediments	Two slate flakes

Shovel Probe #	Location	Depth	Soil Description	Cultural Material Identified
D4-8W/22S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Discontinuous band of duff over very dark brown, organic loam with charcoal from root burn, over dark yellowish brown, fine sandy loam with roots and less than 10% pea-sized gravels, rounded gravels, very few rounded gravels over dark yellowish brown, moderately compact sandy loam with less than 5% gravels and roots, sparse charcoal flecking over light olive brown, compact medium sand with less than 5% gravels, sand forming peds (friable), roots, weathered glacial sediments	One fire-cracked rock
D5-8W/24S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	80 cm	Very dark brown, organic loam with lots of roots over strong brown band of oxidation from root burn, small pieces of charcoal over dark yellowish brown, sandy loam with roots and less than 5% gravels over compact light olive brown, sandy loam with less than 5% gravels, sparse roots	None
D6-8W/26S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff-organic loam with abundant roots over dark yellowish brown, sandy loam with roots and less than 5% gravels over olive brown, sandy loam with less than 5% gravels and tree roots	None
E1-10W/16S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff-very dark grayish brown, silty loam with sparse charcoal over dark yellowish brown, fine silty sand with less than 10% subrounded to rounded gravels over dark yellowish brown fine silt with less than 10% subrounded to rounded gravels over olive brown, fine sand and less than 10% subrounded to rounded gravels increasingly compact in depth	None
E2-10W/18S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	110 cm	Very dark grayish brown, sandy loam over dark yellowish brown, fine sand with less than 10% gravels over light olive brown, fine sand with less than 5% gravels	One metasedimentary flake
E3-10W/20S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff-dark brown, fine silty sand over dark yellowish brown, fine sand with less than 10% subrounded to rounded gravels over olive brown, fine sand with less than 5% subrounded to rounded gravels	None
E4-10W/22S	Location for Sound/ Retaining Wall Milepost 23.5 to 23.0 Locus VII E	100 cm	Very dark brown duff, organic loam, abundant roots over dark yellowish brown sandy loam with less than 10% gravels and some tabular, subrounded pebbles with iron oxide concretions over compact olive brown, sandy loam with less than 5% gravels	One metasedimentary tested cobble

Shovel Probe #	Location	Depth	Soil Description	Cultural Material Identified
E5-10W/24s	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff, dark grayish brown over light yellowish brown to dark yellowish brown, sandy loam with less than 10% subrounded to rounded gravels-fine sandy loam to silty loam over light olive brown, fine sand with less than 5% gravels	None
E6-10W/26S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	80 cm	Duff-very dark brown, organic loam, lots of roots over dark yellowish brown, sandy loam with roots, less than 5% gravels over olive brown, compact sandy loam with less than 5% gravels, sparse roots	One piece of slate shatter, one possible slate preform
Judgmental probe-0N/6W	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	106 cm	Duff over dark yellowish brown, fine silty loam with less than 10% subrounded to rounded gravels over light olive brown, fine silty sand becoming a fine sand with less than 5% subrounded to rounded gravels	None
Judgmental probe 2E/28S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	85 cm	Duff over brown, sandy loam with organics, over a compact to very compact olive brown, silty sand with less than 20% subrounded to rounded and tabular pea-sized gravels, sparse pebbles, and tree roots	Three pieces of fire-cracked rock, five slate flakes (four are broken), two metasedimentary flakes, one broken schist flake
Judgmental probe 4E/30S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Duff-brown organic loam with abundant rootlets and 10% to 15% pea-sized gravels and sparse pebbles over olive brown, compact to very compact sandy loam to silty sand with 15% to 25% pea gravels predominately rounded with some cortical spalls	One metasedimentary tested cobble from the upper 20 cm, one schist flake, and one metasedimentary flake. One feature (F1) with four metamorphic cobbles found at 30 cm BGS to 45 cm BGS.
Judgmental probe-5E/20S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	65 cm	Duff-very dark brown over a very compact light olive brown, sandy loam with less than 5% subrounded gravels	None
Judgmental probe 6E/24S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	70 cm	Duff over compact olive brown, silty sand and less than 5% pea-sized gravels and less than 10% gravels at base of shovel probe, becomes a hardpan at 70 cm	None
Judgmental probe 6E/34S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	75 cm	Duff-brown with organic loam over compact olive brown, silty sand with 20% subrounded to rounded pea gravels, becomes a hardpan at 75 cm	Two slate flakes

Shovel Probe #	Location	Depth	Soil Description	Cultural Material Identified
Judgmental probe-10S/10W	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	95 cm	Dark brown fine sandy loam with less than 10% subrounded to rounded gravels over a strong brown fine sand gradating to yellowish brown compact fine sand with less than 10% subrounded to rounded gravels over a light olive brown very compact fine sand	None
Judgmental probe 28S/13W	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	118 cm	Dark brown fine silty loam over dark yellowish brown very compact fine silty sand over a olive brown fine silty sand with less than 10% subrounded to rounded gravels with density decreasing in depth	Two slate flakes-broken
Judgmental probe 0W/14S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Duff sandy loam with organics and less than 20% gravels and pebbles over a yellowish brown compact sandy loam with less than 10% gravels and an irregular lens of charcoal powdery light gray ash in east wall and is most likely root burn over a olive brown compact silty sand with less than 10% gravels	One slate flake fragment, one metasedimentary utilized flake, one metasedimentary complete flake
Judgmental probe-0W/16S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	90 cm	Duff over a dark brown fine silty loam over a dark yellowish brown sand with less than 10% subrounded to rounded gravels becoming a fine sand with depth	One slate flake
Judgmental probe 0W/18S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	105 cm	Duff-dark brown organics with large fragments of bark over olive brown, compact silty sand with less than 15% gravels and sparse pebbles	One metasedimentary flake in upper 50 cm
Judgmental probe-0W/20S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Duff-very dark brown over dark yellowish brown, compact fine sandy loam with less than 5% gravels and sparse charcoal with a lens of strong brown oxidized sediment from root burn over a compact olive brown, medium sand with less than 5% gravels	One metasedimentary preform
Judgmental probe-2W/6S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	100 cm	Dark yellowish brown, loose fine sandy loam with abundant rootlets and less than 10% subrounded gravels over a compact olive brown, medium sand with less than 5% gravels	None
Judgmental probe-2W/38S	Location for Sound/ Retaining Wall-Milepost 23.5 to 23.0 Locus VII E	70 cm	Duff-very dark brown over a dark yellowish brown, compact sandy loam with friable reddish brown iron oxide pellets and less than 5% gravels over a light olive brown, compact sandy loam to sand and less than 5% gravels	None