



Figure 45. SIHP Site 23674, view to the south.

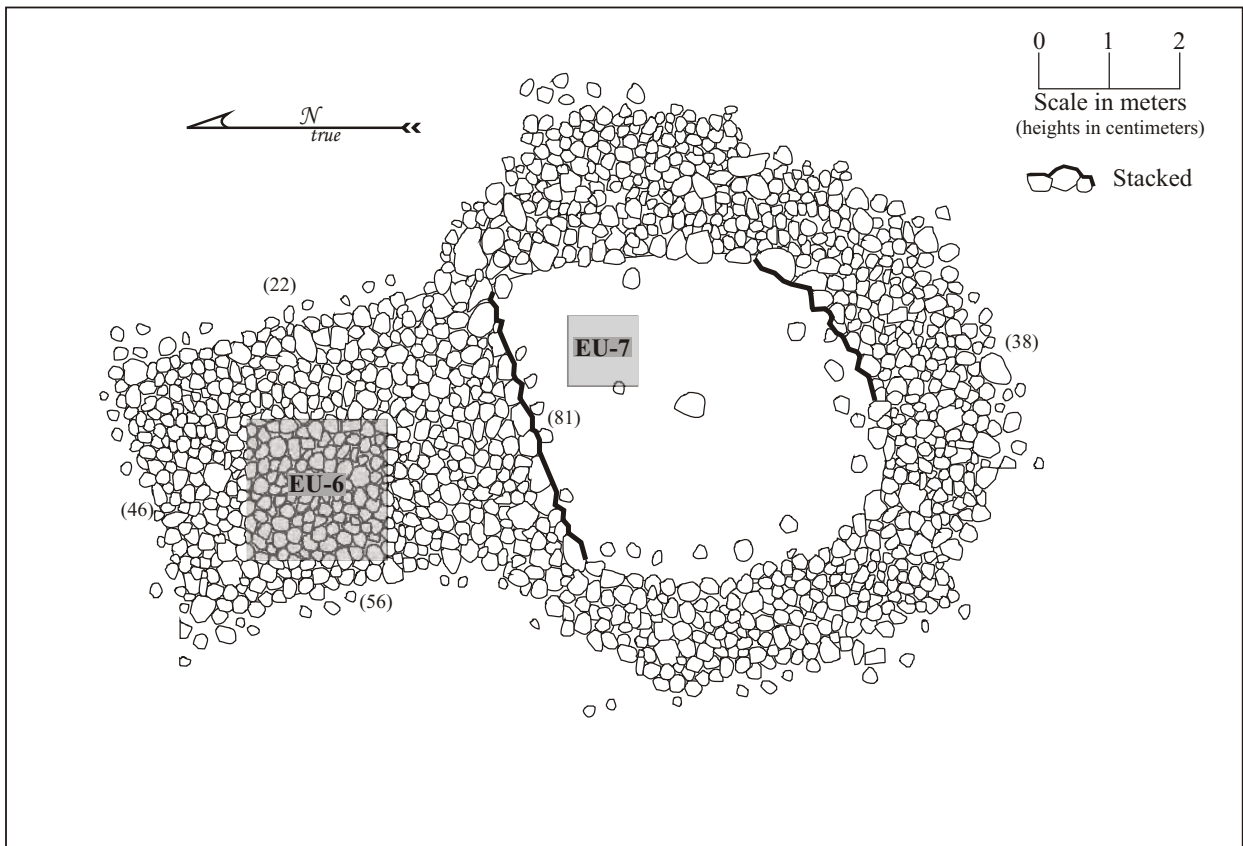


Figure 46. SIHP Site 23674 plan view.



Figure 47. SIHP Site 23674 EU-6 base of excavation, view to the north.

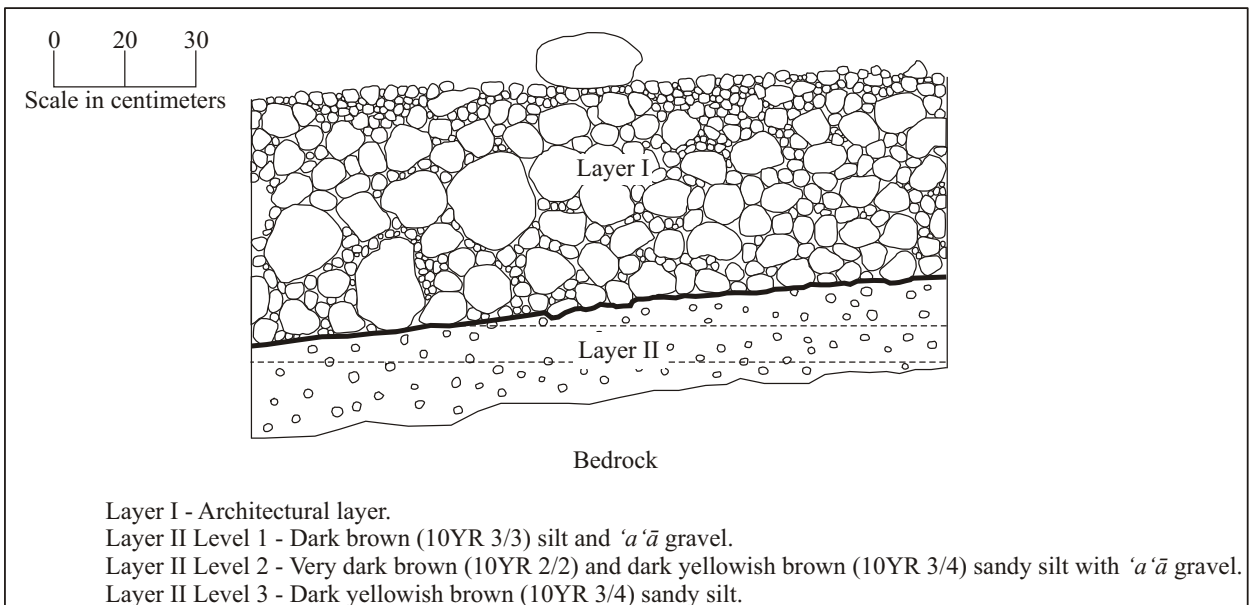


Figure 48. SIHP Site 23674 EU-6 north wall profile.



Figure 49. SIHP Site 23674 EU-7 base of excavation, view to the north.

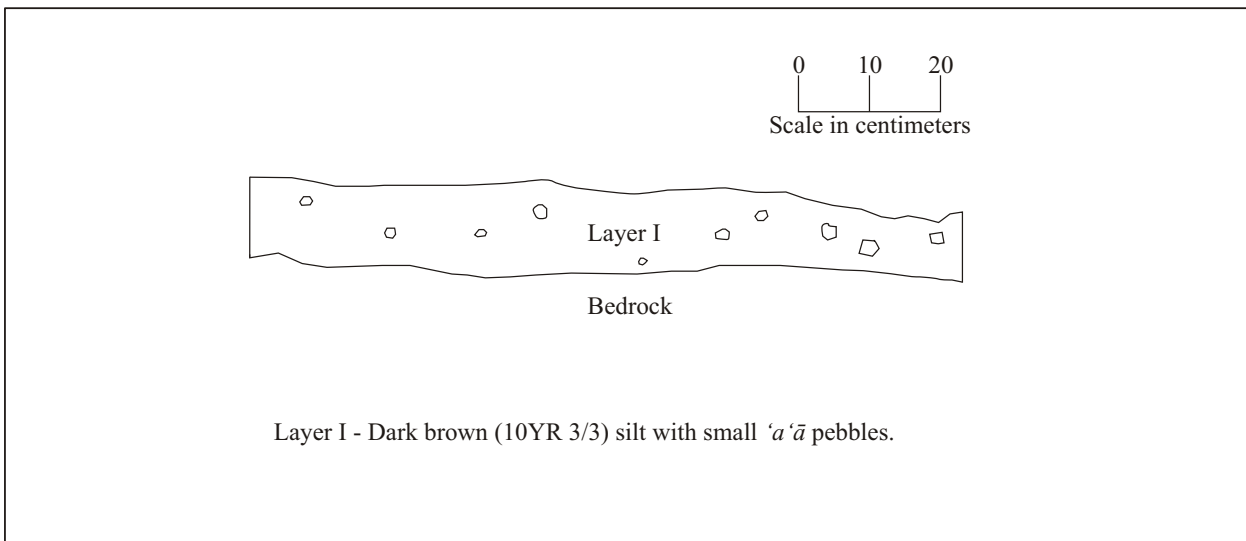


Figure 50. SIHP Site 23674 EU-7 north wall profile.

SIHP SITE 23675

Site 23675 is a partly walled platform located in the east-central portion of the project area (see Figure 3). The platform is constructed of partially stacked, but now mostly collapsed, small to large sized 'a'a cobbles. The southern edge of the platform has no wall. The platform measures 5.8 meters long by 5.7 meters wide and stands up to 80 centimeters above ground surface (Figure 51). The platform's surface is roughly paved with small sized cobbles. The platform's surface also contains two waterworn pebbles and two small circular depressions. The western depression measures 1.2 meters in diameter and 55 centimeters deep, while the eastern depression measures 1.2 meters in diameter and 50 centimeters deep; both depressions may be the result of tree-tip-ups at the site. The following three excavations were conducted at Site 23675: TU-20 (1 x 1m), EU-9 (2 x 1m aligned west-east), and EU-10 (2 x 2m).

TU-20 was excavated on top of the eastern depression (see Figure 51) and revealed the following stratigraphic profile (Figure 52):

- Layer I (0-95cmbs)..... architectural layer with small to large sized 'a'ā cobbles mixed with organics.
 Layer II(95-113cmbs) dark yellowish brown (10YR 4/4) sandy silt mixed with some organics and containing approximately 70% gravel content transitioning to a dark brown (10YR 3/3) silt containing a high concentration of gravels and decomposing bedrock.

TU-20 yielded *Cypraea* sp., *Sus* sp., charcoal, and basalt remains (Table 18). The basalt included a ground stone fragment and a waterworn piece. Layer II clearly yielded more species and types than Layer I.

Table 18. Recovered items from SIHP Site 23675, TU-20.

ACC #	Layer	Depth (cmbs)	Material	Species/type	Count	MNI	Weight (g)
116	I	0-95	Organic	Charcoal	-	-	0.6
117	II	95-105	Marine shell	<i>Cypraea</i> sp.	1	1	1.3
118	II	95-105	Basalt	Waterworn	1	-	71.4
119	II	95-105	Basalt	Groundstone fragment	1	-	116.7
120	II	95-105	Mammal bone	<i>Sus</i> sp.	21	1	9.6
TU-20 Total:					24	2	199.6

EU-9 was excavated on the western depression and revealed the following stratigraphic profile (Figure 53):

- Layer I (0-70cmbs).....architectural layer with loosely stacked 'a'ā cobbles mixed with dark brown (10YR 3/3) silt.
 Layer II Level 1 (70-80cmbs).....dark brown (10YR 3/3) silt mixed with 'a'ā cobbles.
 Layer II Level 2 (80-90cmbs).....dark brown (10YR 3/3) silt mixed with 'a'ā cobbles and weathered bedrock fragments within a pocket on western side of unit on uneven bedrock.

EU-9 yielded *Cypraea* sp. shell fragments and charcoal (Table 19).

Table 19. Recovered items from SIHP Site 23675, EU-9.

ACC#	Layer	Level	Material	Species/type	Count	MNI	Weight (g)
97	II	1	Marine shell	<i>Cypraea</i> sp.	3	2	2.6
96	II	1	Organic	Charcoal	-	-	0.4
EU-9 Total:					3	2	3.0

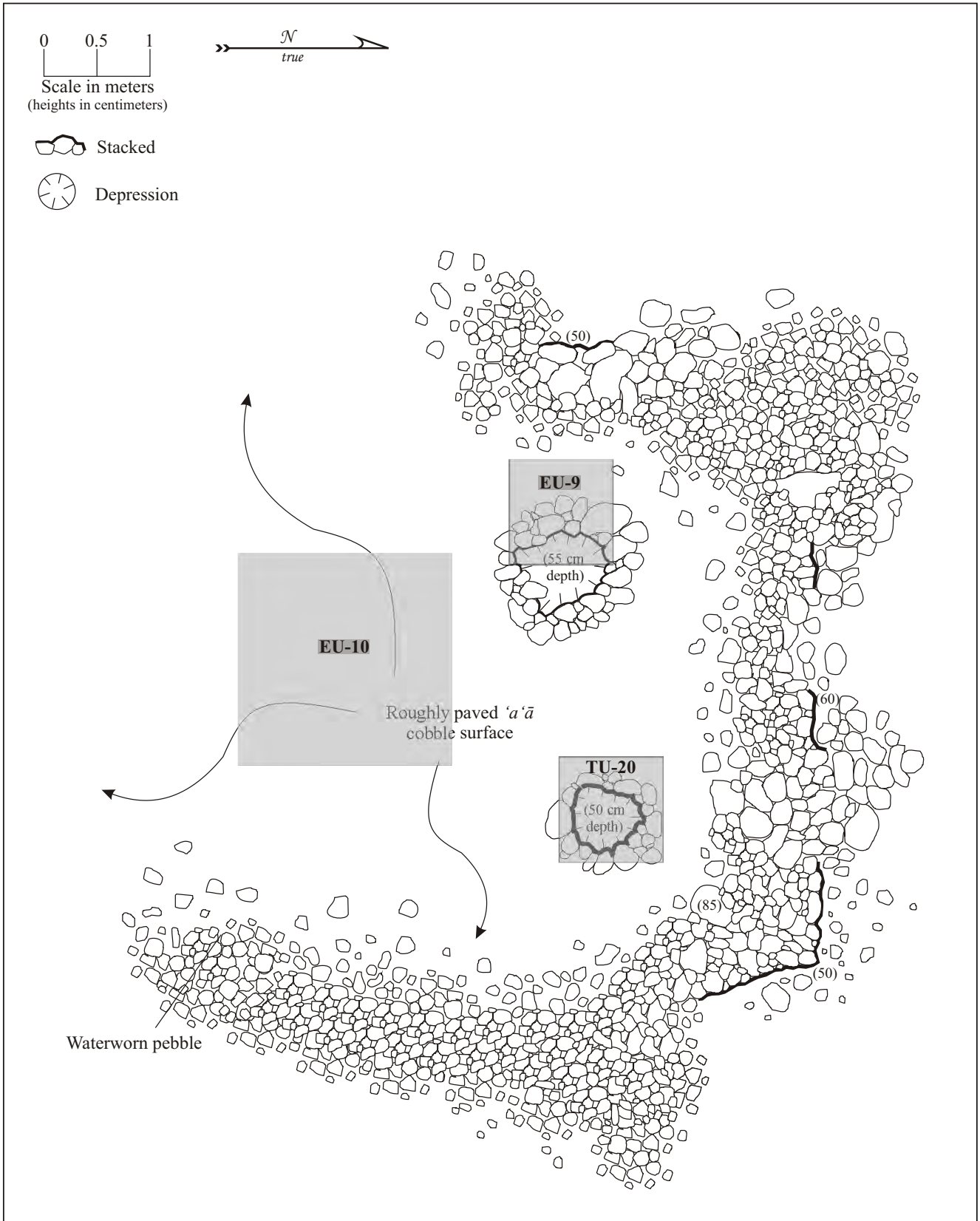


Figure 51. SIHP Site 23675 plan view.

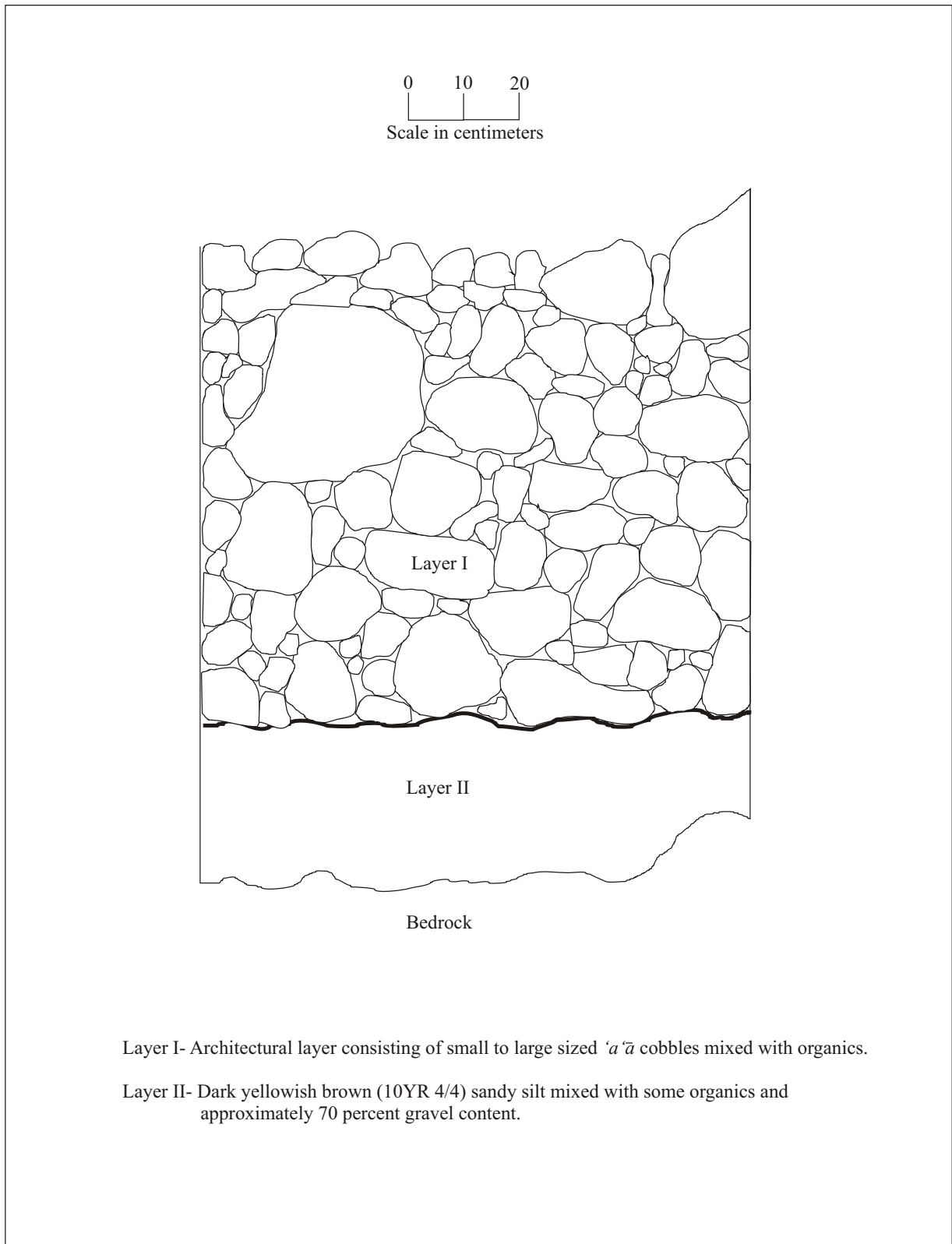


Figure 52. SIHP Site 23675 TU-20 north wall profile.

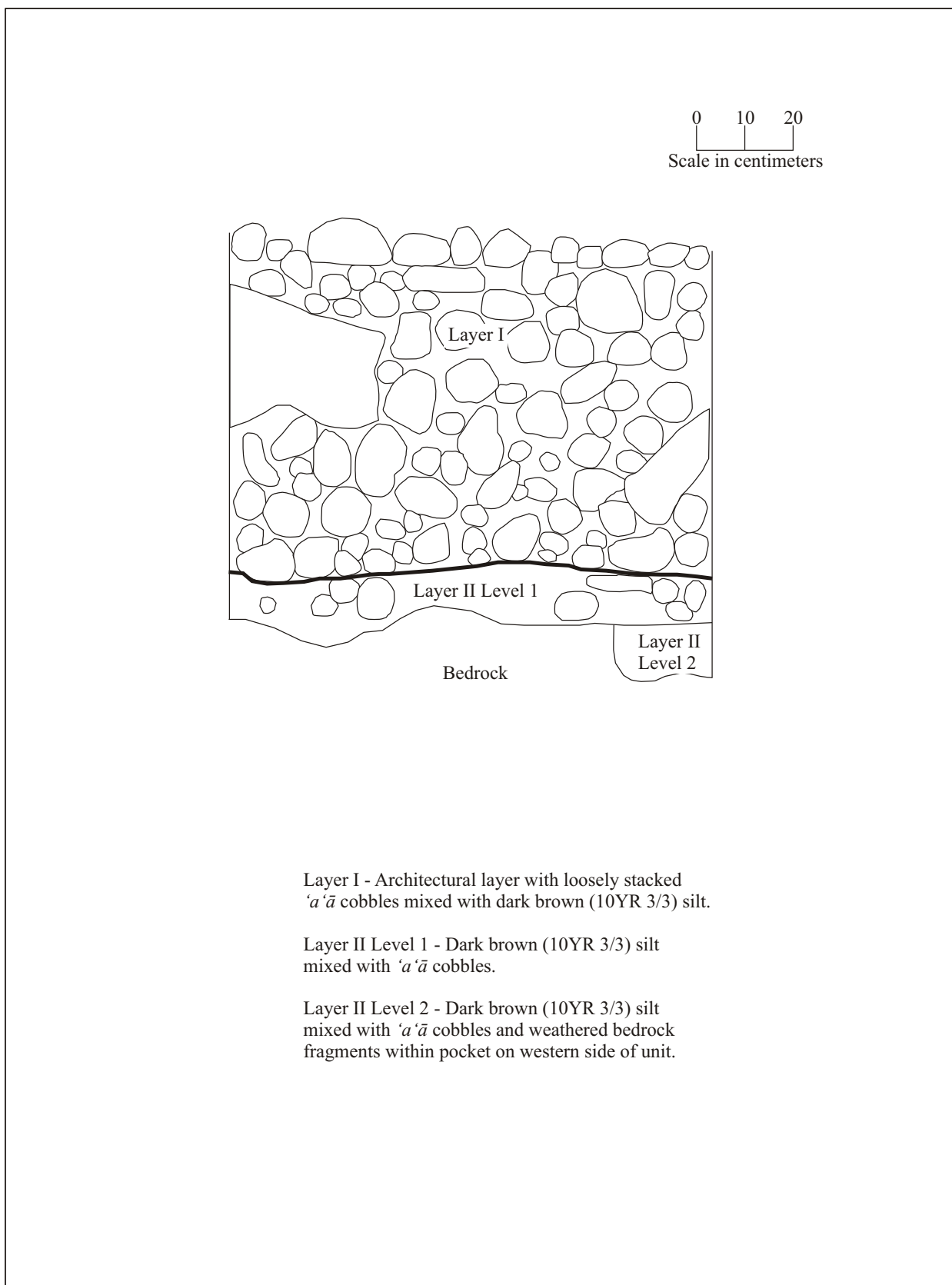


Figure 53. SIHP Site 23675 EU-9 north wall profile.

EU-10 was placed on the south-central portion of the paved surface. The surface of the pavement within the confines of EU-10 slopes slightly to the southwest. The following layers were observed within EU-10 (Figures 54 and 55):

- Layer I (0-70cmbs)architectural layer with small to large 'a'ā cobbles (many of which are waterworn).
 Layer II Level 1 (70-80cmbs).....black (10YR 2/1) and very dark brown (10YR 2/2) mottled silt mixed with 'a'ā cobbles.
 Layer II Level 2 (80-90cmbs).....black (10YR 2/1) and very dark brown (10YR 2/2) mottled silt mixed with 'a'ā cobbles.
 Layer II Level 3 (90-100cmbs) black (10YR 2/1) silt with weathered bedrock on undulating bedrock.

EU-10 yielded fish, *Cypraea* sp., *Drupa* sp., *Cellana* sp., *Nerita* sp., coral, Echinoidea, unidentifiable shell, pig, dog, small mammal, *kukui* nutshell, charcoal, basalt flakes, and volcanic glass flakes (Table 20). A coral abrader (Acc# 109) was recovered from Level 1 of Layer 2 (Figure 56). This irregular-shaped tab has two flat abraded surface, one of which is cut along the abrasion edge. The abrader measures 20.7 millimeters long, 15 millimeters wide, and 7.45 millimeters thick. A worked bone fragment (Acc# 059) was recovered from Level 2 of Layer II within EU-10 (Figure 57). This fragment has three surfaces that appear modified. The fragment is 12.15 millimeters long, 9.25 millimeters wide, and 3.9 millimeters thick. No stratigraphic changes or trends concerning recovered items are apparent within EU-10. The architectural Layer I yielded less species and types than the underlying Layer II, however.

Table 20. Recovered items from SIHP Site 23675, EU-10.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
101	I		Marine shell	<i>Cypraea</i> sp.	4	1	6.7
102	I		Marine shell	<i>Nerita</i> sp.	1	1	0.8
103	I		Coral	Unidentified	20	-	209.5
104	I		Coral	Waterworn	1	-	6.3
100	I		Mammal bone	<i>Sus</i> sp.	1	1	1.5
99	I		Volcanic glass	Flake	1	-	1.5
98	I		Organic	Charcoal in situ	-	-	2.3
Layer I Total:					28	3	228.6
112	II	1	Marine shell	<i>Cypraea</i> sp.	26	5	21.8
114	II	1	Marine shell	<i>Drupa</i> sp.	3	1	2.3
110	II	1	Marine shell	<i>Cellana</i> sp.	2	1	1.3
115	II	1	Marine shell	<i>Cellana</i> sp.	1	1	1.1
111	II	1	Marine shell	<i>Nerita</i> sp.	7	6	2.3
116	II	1	Marine shell	Unidentified	2	-	0.4
109	II	1	Coral	Abrader	1	-	1.0
117	II	1	Coral	Unidentified	54	-	69.5
118	II	1	Coral	Waterworn	3	-	16.0
119	II	1	Coral	Unidentified	4	-	4.2
113	II	1	Echinoderm	Echinoidea	5	-	0.5
108	II	1	Mammal bone	<i>Sus</i> sp.	2	1	1.1
107	II	1	Volcanic glass	Flake	3	-	4.1
106	II	1	Organic	<i>Kukui</i> nutshell	2	-	0.5
105	II	1	Organic	Charcoal	-	-	2.0
Layer II, Level 1 Total:					115	15	128.1
124	II	2	Fish bone	<i>Scarus</i> sp.	2	1	0.7
126	II	2	Marine shell	<i>Cypraea</i> sp.	33	6	21.0
127	II	2	Marine shell	<i>Drupa</i> sp.	1	1	0.4
123	II	2	Marine shell	<i>Nerita</i> sp.	19	16	4.2
128	II	2	Coral	Unidentified	12	-	22.5

Continued on next page

Table 20. Continued.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
129	II	2	Coral	Waterworn	1	-	0.4
125	II	2	Echinoderm	Echinoidea	4	-	0.8
122	II	2	Small mammal	Unidentified	9	-	0.8
59	II	2	Small mammal	Unidentified/worked	1	-	0.2
121	II	2	Volcanic glass	Flake	6	-	9.5
120	II	2	Organic	Charcoal	-	-	2.0
				Layer II, Level 2 Total:	88	24	62.5
135	II	3	Fish bone	Unidentified	1	-	0.1
137	II	3	Marine shell	<i>Cypraea</i> sp.	23	2	13.2
141	II	3	Marine shell	<i>Drupa</i> sp.	1	1	0.4
136	II	3	Marine shell	<i>Nerita</i> sp.	18	15	3.9
138	II	3	Coral	Unidentified	2	-	1.3
139	II	3	Coral	Waterworn	1	-	9.4
140	II	3	Coral	Unidentified	8	-	6.7
133	II	3	Mammal bone	<i>Sus</i> sp.	5	1	1.7
134	II	3	Mammal bone	<i>Canis</i> sp. tooth	2	1	0.9
131	II	3	Basalt	Flake	6	-	2.2
132	II	3	Volcanic glass	Flake	9	-	5.2
130	II	3	Organic	Charcoal	-	-	4.6
				Layer II, Level 3 Total:	76	20	49.6
				EU-10 Total:	307	62	468.8

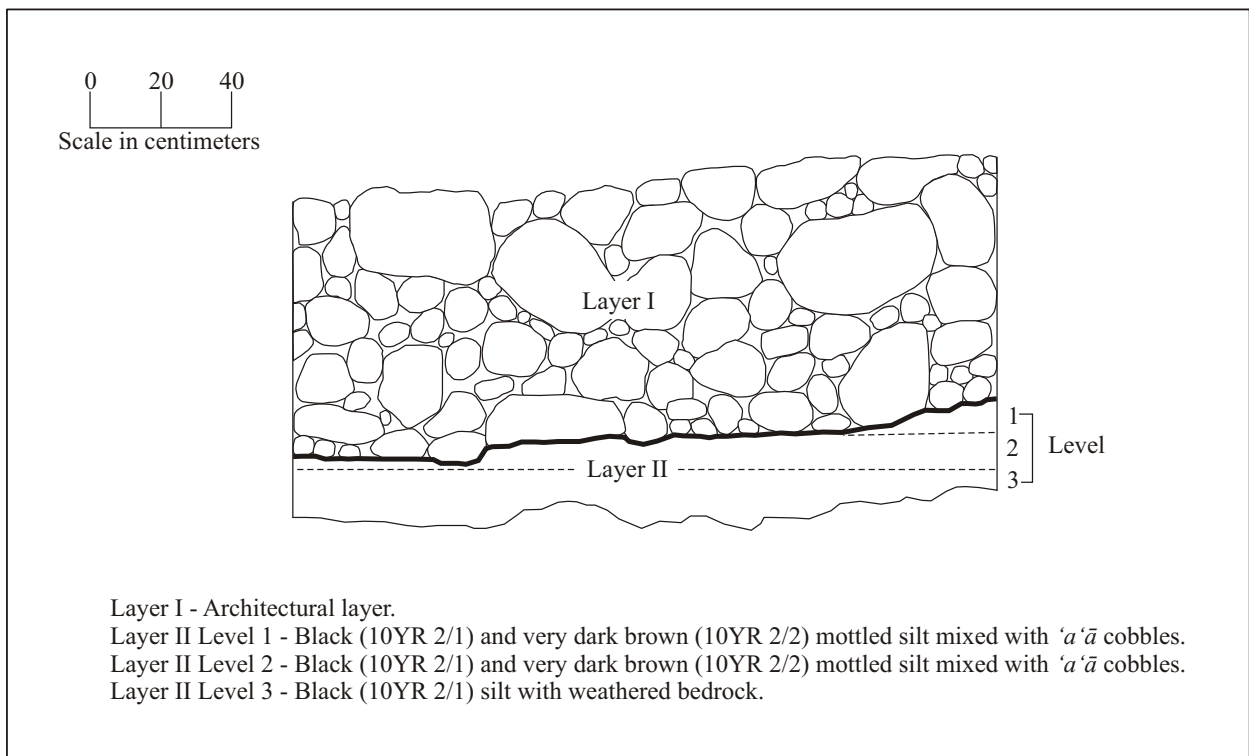
In situ charcoal collected from Layer I in EU-10 of SIHP Site 23675 was submitted for radiocarbon assaying. The sample (Beta-212758) intercepts the tree-ring calibration curve at AD 1680, 1740, 1810, 1930, and 1950 and has a 2-sigma standard deviation calibrated date range of AD 1660 to 1950. Charcoal collected from Layer II, Level 3 in EU-10 of SIHP Site 23675 was also submitted for radiocarbon assaying. The sample (Beta-212759) also intercepts the tree-ring calibration curve at AD 1680, 1740, 1810, 1930, and 1950 and has a 2-sigma standard deviation calibrated date range of AD 1660 to 1950. A calibrated weighted average of the two “linked” raw assays intercepts the tree-ring calibration curve at AD 1690, 1740, 1800, 1930, and 1950, with a calibrated standard deviation that ranges between AD 1670 and 1950.



Figure 56. SIHP Site 23675 coral abrader recovered from EU-10 (Acc#. 109).



Figure 54. SIHP Site 23675 EU-10 base of excavation, view to the north.



Layer I - Architectural layer.

Layer II Level 1 - Black (10YR 2/1) and very dark brown (10YR 2/2) mottled silt mixed with 'a'ā cobbles.

Layer II Level 2 - Black (10YR 2/1) and very dark brown (10YR 2/2) mottled silt mixed with 'a'ā cobbles.

Layer II Level 3 - Black (10YR 2/1) silt with weathered bedrock.

Figure 55. SIHP Site 23675 EU-10 north wall profile.



Figure 57. SIHP Site 23675 worked bone fragment from EU-10 (Acc#. 059).

SIHP Site 23676

Site 23676 is a platform located in the east-central portion of the project area (see Figure 3). The platform (5.3 meters long by 3.4 meters wide) is constructed with partially stacked - mostly collapsed - large 'a'ā cobbles forming its exterior edges (Figures 58 and 59). The platform is roughly paved with small 'a'ā cobbles and pebbles creating a somewhat level surface. Site 23676 stands up to 70 centimeters above the surrounding ground surface and its southeastern edge dissipates into a bedrock outcrop. A waterworn coral fragment was observed on the platform's southern corner. The following two excavations were conducted on the Site 23878 platform: TU-18 (1 x 1 m) and EU-21 (2 x 2m). TU-18 was excavated into the northwest portion of Site 23676 and revealed the following stratigraphic profile (see Figure 59):

- Layer I (0-40cmbs)..... architectural layer with small to large sized 'a'ā cobbles mixed with organic debris.
- Layer II (40-71cmbs) very dark brown (10YR 2/2) sandy silt with approximately 45 percent 'a'ā gravel content.
- Layer III (71-73cmbs)..... dark brown (7.5YR 3/4) fine silt mixed with gravels and decomposing bedrock on bedrock.



Figure 58. SIHP Site 23676, view to the southwest.

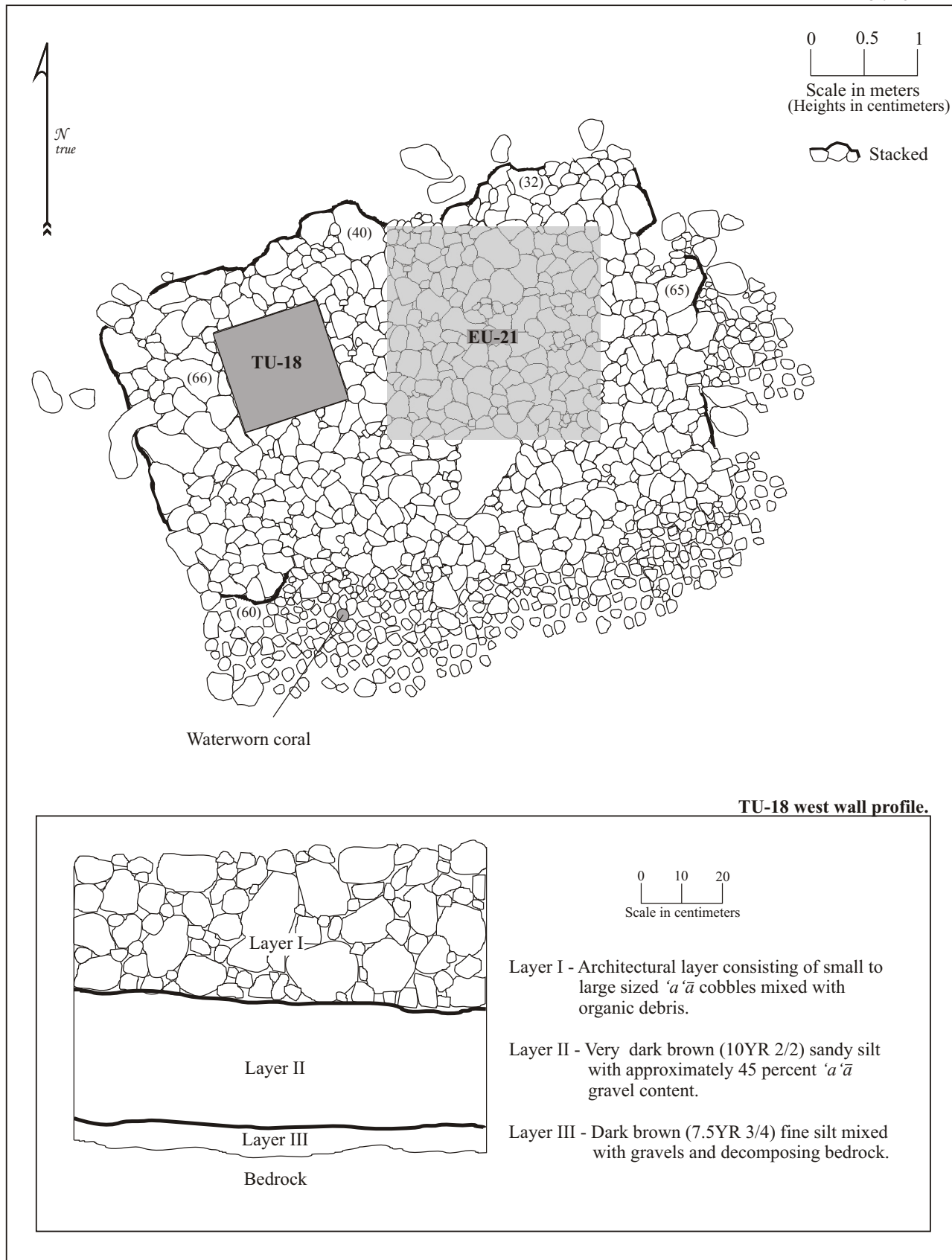


Figure 59. SIHP Site 23676 plan view and TU-18 west wall profile.

TU-18 yielded fish, *Cypraea* sp., a *he'e* lure (Acc# 90 and Figure 60), *Cellana* sp., *Nerita* sp., *Strombina* sp., Echinoidea, *Conus* sp., unidentifiable shell, pig, rodent, unidentifiable small mammal, charcoal, and volcanic glass flakes (Table 21). No stratigraphic changes or trends in species or artifact types are apparent within TU-18, even though the species and types from Layer II clearly outnumber those from Layer I.



Figure 60. SIHP Site 23676 *he'e* lure recovered from TU-18.

Table 21. Recovered items from SIHP Site 23676, TU-18.

ACC #	Layer	Depth (cmbs)	Material	Species/type	Count	MNI	Weight (g)
87	I	0-40	Marine shell	<i>Cypraea</i> sp.	9	3	9.4
88	I	0-40	Marine shell	<i>Cellana</i> sp.	1	1	0.1
89	I	0-40	Marine shell	Unidentified	1	1	1.0
90	I	0-40	Marine shell	<i>He'e</i> lure	1	1	32.0
91	I	0-40	Organic	<i>Kukui</i> nutshell	5	-	4.5
92	I	0-40	Fish bone	Unidentified	1	1	0.1
93	I	0-40	Mammal bone	<i>Sus</i> sp.	1	2	1.4
79	I	0-40	Mammal bone	Rodent	3		0.3
94	I	0-40	Volcanic glass	Flake	2	-	2.6
Layer I Total:					24	9	51.4
95	II	40-50	Organic	Charcoal	-	-	0.5
96	II	40-50	Organic	<i>Kukui</i> nutshell	10	-	2.3
97	II	40-50	Echinoderm	Echinoidea	25	1	1.6
98	II	40-50	Marine shell	<i>Conus</i> sp.	1	1	0.2
99	II	40-50	Marine shell	<i>Cypraea</i> sp.	39	14	22.3
100	II	40-50	Marine shell	<i>Drupa</i> sp.	1	1	0.1
101	II	40-50	Marine shell	<i>Nerita</i> sp.	1	1	0.2
102	II	40-50	Marine shell	<i>Cellana</i> sp.	3	1	0.4
103	II	40-50	Marine shell	<i>Strombina</i> sp.	1	1	0.3
104	II	40-50	Marine shell	Unidentified	17	-	0.3

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Table 21. Continued

<i>ACC #</i>	<i>Layer</i>	<i>Depth (cmbs)</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
105	II	40-50	Bone	Small mammal	4	2	0.8
106	II	40-50	Volcanic glass	Flake	8	-	6.4
107	II	40-50	Organic	<i>Kukui</i> nutshell	1	1	0.1
108	II	50-60	Echinoderm	Echinoidea	25	1	1.9
109	II	50-60	Marine shell	<i>Nerita</i>	1	1	0.1
110	II	50-60	Organic	Charcoal	-	-	0.2
111	II	50-60	Marine shell	<i>Cypraea</i>	12	3	10.9
112	II	50-60	Volcanic glass	Flakes	2	-	0.9
113	II	60-71	Echinoderm	Echinoidea	11	1	0.9
114	II	60-71	Marine shell	<i>Cypraea</i>	6	1	2.1
115	II	60-71	Volcanic glass	Flakes	2	-	1.1
Layer II Total:					170	30	53.6
TU-18 Total:					194	39	105.0

EU-21 was excavated on the northwest portion of Site 23676 and revealed the following stratigraphic profile (Figure 61):

- Layer I (0-30cmbs).....architectural layer with large 'a'ā cobbles on the surface transitioning to smaller cobbles with depth particularly in the southeastern quadrant.
- Layer II, Levels 1-4 (30-70cmbs).....dark brown (10YR 3/3) silt mottled with dark yellowish brown (10YR 3/4) silt and 'a'ā cobbles.

Recovered items from EU-21 include shark, *Serpuloris* sp., *Cypraea* sp., *Drupa* sp., *Morula* sp., *Cellana* sp., *Chama* sp., *Nerita* sp., coral, Echinoidea, *Nassarius* sp., *Fimbria* sp., *Conus* sp., unidentifiable shell, bird, *Sus* sp., *Canis* sp., *Rattus* sp., unidentifiable mammal, *kukui* nutshell, charcoal, and volcanic glass flakes (Table 22). A bone awl fragment (Acc# 337) from Level 2 of Layer II has a chipped point. This awl fragment is 12.4 millimeters long, 8.9 millimeters wide, and 5.4 millimeters thick. A second bone awl (Acc# 352) came from Level 3 in Layer II (Figure 62). This awl is 46.4 millimeters long, 11 millimeters wide, and 7.1 millimeters thick. Items recovered from EU-21 display an unusually high variety and abundance in all the excavated layers. However, no significant change in species or types of items from one layer to the next is apparent within the unit. Species and artifact types peak in Level 1 of Layer II and then increasingly drop off towards bedrock.



Figure 62. SIHP Site 23676 bone awl recovered from EU-21 (Acc# 352).

Table 22. Recovered items from SIHP Site 23676, EU-21.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
310	I		Marine shell	<i>Serpuloris variabilis</i>	2	-	2.9
304	I		Marine shell	<i>Cypraea</i> sp.	73	4	68.0
302	I		Marine shell	<i>Drupa</i> sp.	2	1	6.6
302	I		Marine shell	<i>Morula</i> sp.	1	1	0.6
301	I		Marine shell	<i>Cellana</i> sp.	2	1	0.8
306	I		Marine shell	<i>Conus</i> sp.	2	1	0.2
305	I		Marine shell	Unidentified	44	-	0.2
312	I		Coral	Unidentified	14	-	15.0
313	I		Coral	Unidentified	2	-	9.1
311	I		Echinoderm	Echinoidea	5	-	0.4
309	I		Mammal bone	<i>Sus</i> sp.	6	1	2.0
307	I		Mammal bone	<i>Canis</i> sp. tooth	1	1	0.4
308	I		Small mammal	<i>Rattus</i> sp.	1	1	0.1
300	I		Volcanic glass	Flake	12	-	20.0
299	I		Organic	<i>Kukui</i> nutshell	4	-	0.8
298	I		Organic	Charcoal	-	-	3.0
Layer I Total:					171	11	130.1

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Table 22. Continued.

ACC#	Layer	Level	Material	Species/type	Count	MNI	Weight (g)
318	II	1	Fish	Shark tooth burnt	1	1	0.4
325	II	1	Marine shell	<i>Serpuloris variabilis</i>	1	1	0.3
319	II	1	Marine shell	<i>Cypraea</i> sp.	81	6	33.7
324	II	1	Marine shell	<i>Drupa</i> sp.	5	2	9.9
323	II	1	Marine shell	<i>Morula</i> sp.	2	2	1.4
321	II	1	Marine shell	<i>Cellana</i> sp.	7	1	3.2
327	II	1	Marine shell	<i>Chama</i> sp.	1	1	4.0
320	II	1	Marine shell	<i>Nerita</i> sp.	5	4	1.0
326	II	1	Marine shell	<i>Nassarius</i> sp.	2	2	1.6
322	II	1	Marine shell	<i>Conus</i> sp.	7	2	1.9
328	II	1	Marine shell	Unidentified	26	-	3.2
329	II	1	Coral	Unidentified	1	-	16.9
330	II	1	Coral	Unidentified	22	-	119.2
331	II	1	Echinoderm	Echinoidea	10	-	1.2
317	II	1	Mammal bone	<i>Sus</i> sp.	18	1	3.4
316	II	1	Volcanic glass	Flake	17	-	10.8
315	II	1	Organic	<i>Kukui</i> nutshell	10	-	4.3
314	II	1	Organic	Charcoal	-	-	2.4
Layer II, Level 1 Total:					216	23	218.8
343	II	2	Marine shell	<i>Cypraea</i> sp.	52	7	29.2
341	II	2	Marine shell	<i>Drupa</i> sp.	3	1	3.7
340	II	2	Marine shell	<i>Morula</i> sp.	3	3	1.8
338	II	2	Marine shell	<i>Cellana</i> sp.	1	1	0.1
342	II	2	Marine shell	<i>Nassarius</i> sp.	6	5	2.8
339	II	2	Marine shell	<i>Conus</i> sp.	2	1	2.0
344	II	2	Marine shell	Unidentified	22	-	3.2
345	II	2	Coral	Waterworn	1	-	0.6
346	II	2	Coral	Unidentified	10	-	5.9
347	II	2	Echinoderm	Echinoidea	20	-	0.9
337	II	2	Mammal bone	Unidentified/awl	1	-	0.4
336	II	2	Mammal bone	<i>Sus</i> sp. burnt	5	1	3.4
335	II	2	Small mammal	<i>Rattus</i> sp. jaw	1	1	0.1
334	II	2	Volcanic glass	Flake	11	-	5.4
333	II	2	Organic	<i>Kukui</i> nutshell	19	-	3.1
332	II	2	Organic	Charcoal	-	-	3.3
Layer II, Level 2 Total:					157	20	65.9
358	II	3	Marine shell	<i>Cypraea</i> sp.	37	6	23.1
353	II	3	Marine shell	<i>Drupa</i> sp.	1	1	4.0
355	II	3	Marine shell	<i>Nerita</i> sp.	2	2	0.5
356	II	3	Marine shell	<i>Nassarius</i> sp.	3	3	1.4
357	II	3	Marine shell	<i>Fimbria</i> sp.	1	1	0.3
354	II	3	Marine shell	<i>Conus</i> sp.	1	1	0.3
359	II	3	Marine shell	Unidentified	13	-	1.5
360	II	3	Coral	Unidentified	3	-	0.8
361	II	3	Echinoderm	Echinoidea	15	-	1.5
350	II	3	Mammal bone	<i>Canis</i> sp. teeth/burnt	2	1	0.5
352	II	3	Mammal bone	Unidentified/awl	1	-	2.8
351	II	3	Mammal bone	Unidentified/burnt	4	-	1.0
349	II	3	Volcanic glass	Flake	8	-	3.9
348	II	3	Organic	Charcoal	-	-	1.6
Layer II, Level 3 Total:					91	15	43.2

Continued on next page

Table 22. Continued.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
374	II	4	Fish bone	Shark tooth	1	1	0.1
372	II	4	Marine shell	<i>Serpuloris variabilis</i>	1	1	0.9
367	II	4	Marine shell	<i>Cypraea</i> sp.	5	2	6.2
369	II	4	Marine shell	<i>Drupa</i> sp.	1	1	2.6
368	II	4	Marine shell	<i>Morula</i> sp.	1	1	0.5
371	II	4	Marine shell	<i>Nassarius</i> sp.	2	2	0.8
370	II	4	Marine shell	<i>Conus</i> sp.	2	1	0.5
373	II	4	Marine shell	Unidentified	2	-	0.1
375	II	4	Coral	Unidentified	1	-	0.2
376	II	4	Coral	Unidentified	1	-	0.3
377	II	4	Echinoderm	Echinoidea	3	-	0.2
366	II	4	Bird bone	Unidentified bird	2	-	0.2
365	II	4	Mammal bone	<i>Canis</i> sp. tooth	1	1	0.8
364	II	4	Med. mammal	Unidentified/cut	1	-	0.4
363	II	4	Volcanic glass	Flake	2	-	0.5
362	II	4	Organic	Charcoal	-	-	0.1
Layer II, Level 4 Total:					26	10	14.4
EU-20 Total:					661	79	472.4

Charcoal collected from Layer II Level 2 in EU-21 of SIHP Site 23676 was submitted for radiocarbon assaying. The sample (Beta-212765) intercepts the tree-ring calibration curve at AD 1520, 1590, and 1620 and has a 2-sigma standard deviation calibrated date range of AD 1440 to 1660. Charcoal collected from Layer I in EU-21 of SIHP Site 23676 was also submitted for radiocarbon assaying. The sample (Beta-212763) intercepts the tree-ring calibration curve at AD 1460 and has a 2-sigma standard deviation calibrated date range of AD 1420 to 1640. Charcoal collected from Layer II Level 1 in EU-21 of SIHP Site 23676 yielded a radiocarbon assay (Beta-212764) that intercepts the tree-ring calibration curve at AD 1460 and has a 2-sigma standard deviation calibrated date range of AD 1410 to 1650. A calibrated weighted average of the three “linked” raw assays intercepts the tree-ring calibration curve at AD 1470, with a calibrated standard deviation that ranges between AD 1450 and 1620.

SIHP Site 23677

Site 23677 is located in the east-central portion of the project area (see Figure 3). It consists of a small square platform remnant (Feature A) constructed in the southwest corner of a rough enclosure (Feature B) (Figures 63 and 64). The features are constructed of ‘a’ā cobbles and boulders formerly stacked, but now largely collapsed. The interior of the enclosure consists of thin soil covered by dense vegetation. A waterworn cobble, a piece of coral, and *Cypraea* sp. shell fragments were observed on ground surface within the site. A 1 x 1 meter test unit (TU-16) was excavated in the center of Feature A. A second 1 x 1 meter excavation unit (EU-22) was located immediately northeast of TU-16, near the eastern edge of the Feature B platform. Two abutting excavation units (EU-23 and EU-24) were placed across the southeastern corner of Feature B. Each excavation unit was 2 x 1 meters. Considering that Excavation Units 23 and 24 were abutting, combined these units comprised a trench that was four meters long by one meter wide. This trench covered the entire width of the corner section of the Feature B enclosing wall.

Feature A

Feature A is a small platform remnant (2.9 meters long by 2.5 meters wide) located in the northwest corner of the enclosure area (Feature B). The platform is constructed with large ‘a’ā cobbles stacked around the outside edges (90 centimeters high) and small cobbles paving its roughly level surface. Much of Feature A has collapsed leaving a rubble scatter around the entire feature. A piece of waterworn coral was found on the platform’s surface.

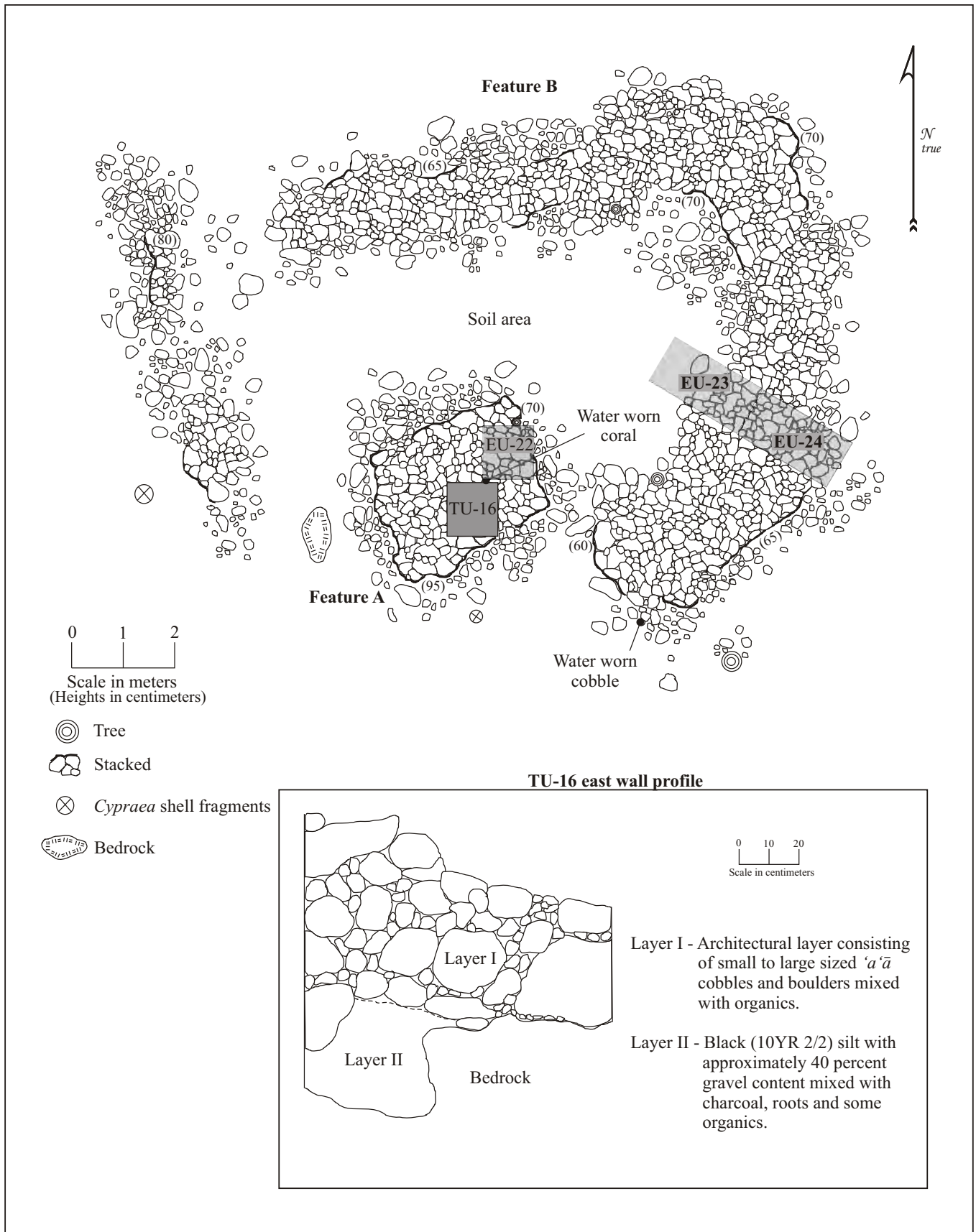


Figure 63. SIHP Site 23677 plan view and TU-16 profile.



Figure 64. SIHP Site 23677, view to the southwest.

TU-16 was excavated in the south-central area of Feature A (see Figure 63) and revealed the following stratigraphic profile:

- Layer I (0-65cmbs)..... architectural layer with small to large sized 'a'ā cobbles and boulders mixed with organics.
- Layer II (65-95cmbs) black (10YR 2/2) silt with approximately 40% gravel content mixed with roots and some organics (charcoal staining?) on bedrock.

Items recovered from TU-16 include fish, *Cypraea* sp., *Drupa* sp., *Cellana* sp., *Nerita* sp., coral, Echinoidea, *Cantharus* sp., *Conus* sp., *Venus* sp., unidentifiable shell, mammal, charcoal, and volcanic glass flakes and shatter (Table 23). Other than Layer II yielding far more and a greater variety of items than Level I, no meaningful changes could be detected between the layers.

Table 23. Recovered items from SIHP Site 23677, Feature A, TU-16.

ACC #	Layer	Depth(cmbs)	Material	Species/type	Count	MNI	Weight (g)
26	I	0-65	Organic	Charcoal	-	-	0.4
27	I	0-65	Echinoderm	Echinoidea	2	1	0.3
28	I	0-65	Marine shell	<i>Cypraea</i> sp.	3	2	5.0
29	I	0-65	Marine shell	<i>Conus</i> sp.	1	1	0.7
30	I	0-65	Marine shell	<i>Drupa</i> sp.	1	1	3.5
31	I	0-65	Marine shell	<i>Nerita</i> sp.	1	1	0.2
Layer I Total:					8	6	10.1
32	II	65-75	Organic	Charcoal	-	-	2.2
34	II	65-75	Echinoderm	Echinoidea	28	1	3.6
35	II	65-75	Marine shell	<i>Nerita</i> sp.	5	5	1.7
36	II	65-75	Marine shell	Unidentified	1	1	0.1
37	II	65-75	Coral	Waterworn	8	-	4.1
38	II	65-75	Marine shell	<i>Drupa</i> sp.	2	1	0.6
39	II	65-75	Marine shell	<i>Cantharus</i> sp.	1	1	0.1

Continued on next page

Table 23. Continued

<i>ACC #</i>	<i>Layer</i>	<i>Depth(cmbs)</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
40	II	65-75	Marine shell	<i>Cypraea</i> sp.	30	4	14.7
41	II	65-75	Marine shell	<i>Cellana</i> sp.	1	1	0.1
42	II	65-75	Marine shell	<i>Venus</i> sp.	1	1	0.1
43	II	65-75	Fish bone	Unidentified	1	1	0.2
44	II	65-75	Bone	Small mammal	1	1	2.4
45	II	65-75	Volcanic glass	Flakes	2	-	0.5
46	II	75-85	Organic	Charcoal	-	-	1.3
47	II	75-85	Echinoderm	Echinoidea	16	1	1.6
48	II	75-85	Marine shell	<i>Cypraea</i> sp.	5	1	1.1
49	II	75-85	Marine shell	<i>Nerita</i> sp.	1	1	0.1
50	II	75-85	Marine shell	<i>Cellana</i> sp.	1	1	0.1
51	II	75-85	Bone	Small mammal	1	1	1.0
52	II	75-85	Volcanic glass	Debitage	1	-	0.3
53	II	75-85	Organic	Charcoal	-	-	0.9
54	II	75-85	Echinoderm	Echinoidea	2	1	0.3
55	II	75-85	Marine shell	<i>Cypraea</i> sp.	3	1	2.7
56	II	75-85	Marine shell	<i>Nerita</i> sp.	1	1	0.1
57	II	75-85	Marine shell	<i>Venus</i> sp.	1	1	0.3
Layer II Total:					113	26	39.3
TU-16 Total:					121	32	49.4

A charcoal sample from Layer II was sent to Beta Analytic, Inc. for AMS radiocarbon analysis (Beta-175917). The resulting conventional radiocarbon age is 160±40 BP, with a 2-sigma range of AD 1660 to 1950 (Clark and Rechtman 2003).

EU-22 was excavated near the northeast-central edge of Feature A (see Figure 63) and revealed the following stratigraphic profile (Figures 65 and 66):

Layer I (0-20cmbs).....architectural layer with angular 'a' cobbles.
 Layer II, Levels 1-3 (20-80cmbs)....dark brown (10YR 3/3) silt with approximately 70% 'a' cobbles.
 Layer III, Level 1-3 (80-130cmbs).black (10YR 2/1) silt with approximately 70% 'a' cobbles.

Items recovered from EU-22 include *Cypraea* sp., *Drupa* sp., *Chama* sp., *Nerita* sp., coral, Echinoidea, *Conus* sp., unidentifiable shell, rodent, unidentifiable mammal, *kukui* nutshell, charcoal, and volcanic glass flake (Table 24). No items were recovered in the architectural Layer I, while items peaked in Level 2 of Layer III. Volcanic glass flakes were limited to Layer III. Other than these stratigraphic differences, no significant trends for species by depth are apparent within EU-22.

Charcoal collected from Layer II Level 1 in EU-22, SIHP Site 23677 was submitted for radiocarbon assaying. The sample (Beta-212766) intercepts the tree-ring calibration curve at AD 1950 and has a 2-sigma standard deviation calibrated date range of AD 1680 to 1960. Charcoal collected from Layer III Level 3 in EU-22 was also submitted for radiocarbon assaying. The sample (Beta-212767) intercepts the tree-ring calibration curve at AD 1680/1740/1800/1930/1950 and has a 2-sigma standard deviation calibrated date range of AD 1660 to 1950. Charcoal collected from Layer I in TU-16 of SIHP Site 23677 yielded a radiocarbon assay that intercepts the tree-ring calibration curve at AD 1680/1740/1800/1930/1950 and has a 2-sigma standard deviation calibrated date range of AD 1660 to 1950. A calibrated weighted average of the three "linked" raw assays intercepts the tree-ring calibration curve at AD 1690/1730/1810/1920/1950, with a calibrated standard deviation that ranges between AD 1690 and 1950.

Table 24. Recovered items from SIHP Site 23677, Feature A, EU-22.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
380	II	1	Marine shell	<i>Cypraea</i> sp.	2	1	2.8
381	II	1	Coral	Unidentified	15	-	3.1
379	II	1	Small mammal	<i>Rattus</i> sp.	1	1	0.2
378	II	1	Organic	Charcoal	-	-	1.0
Layer II, Level 1 Total:					18	2	7.1
383	II	2	Marine shell	<i>Cypraea</i> sp.	1	1	1.2
382	II	2	Marine shell	<i>Conus</i> sp.	2	1	0.7
384	II	2	Coral	Unidentified	1	-	5.1
385	II	2	Coral	Unidentified	2	-	3.7
386	II	2	Echinoderm	Echinoidea	1	-	0.1
387	II	3	Marine shell	<i>Cypraea</i> sp.	4	3	5.2
388	II	3	Marine shell	<i>Drupa</i> sp.	1	1	1.1
389	II	3	Coral	Unidentified	1	-	0.6
Layer II, Level 2 Total:					13	6	17.7
392	III	1	Marine shell	<i>Cypraea</i> sp.	4	1	5.8
394	III	1	Marine shell	<i>Nerita</i> sp.	2	2	0.5
393	III	1	Marine shell	<i>Conus</i> sp.	3	1	1.1
395	III	1	Coral	Unidentified	1	-	0.1
396	III	1	Echinoderm	Echinoidea	2	-	0.3
391	III	1	Volcanic glass	Flake	1	-	0.4
390	III	1	Organic	Charcoal	-	-	0.2
Layer III, Level 1 Total:					13	4	8.4
402	III	2	Marine shell	<i>Cypraea</i> sp.	35	5	26.4
405	III	2	Marine shell	<i>Drupa</i> sp.	1	1	0.1
404	III	2	Marine shell	<i>Nerita</i> sp.	7	5	1.4
403	III	2	Marine shell	<i>Conus</i> sp.	3	1	1.0
406	III	2	Marine shell	Unidentified	9	-	2.2
407	III	2	Coral	Unidentified	4	-	3.9
408	III	2	Echinoderm	Echinoidea	45	-	4.6
401	III	2	Mammal bone	Unidentified/burnt	2	-	0.9
400	III	2	Volcanic glass	Flake	3	-	2.8
399	III	2	Organic	<i>Kukui</i> nutshell	1	-	0.2
397	III	2	Organic	Charcoal	6	-	0.4
398	III	2	Organic	Charcoal in situ	14	-	0.2
Layer III, Level 2 Total:					130	12	44.1
411	III	3	Marine shell	<i>Cypraea</i> sp.	6	1	9.2
413	III	3	Marine shell	<i>Drupa</i> sp.	1	1	0.3
414	III	3	Marine shell	<i>Pseudochama</i> sp.	2	1	0.3
412	III	3	Marine shell	<i>Nerita</i> sp.	1	1	0.4
410	III	3	Volcanic glass	Flake	1	-	1.2
409	III	3	Organic	Charcoal	37	-	1.5
Layer III, Level 3 Total:					48	4	12.9
EU-22 Total:					222	28	90.2



Figure 65. SIHP Site 27677 Feature A EU-22 base of excavation, view to the west.

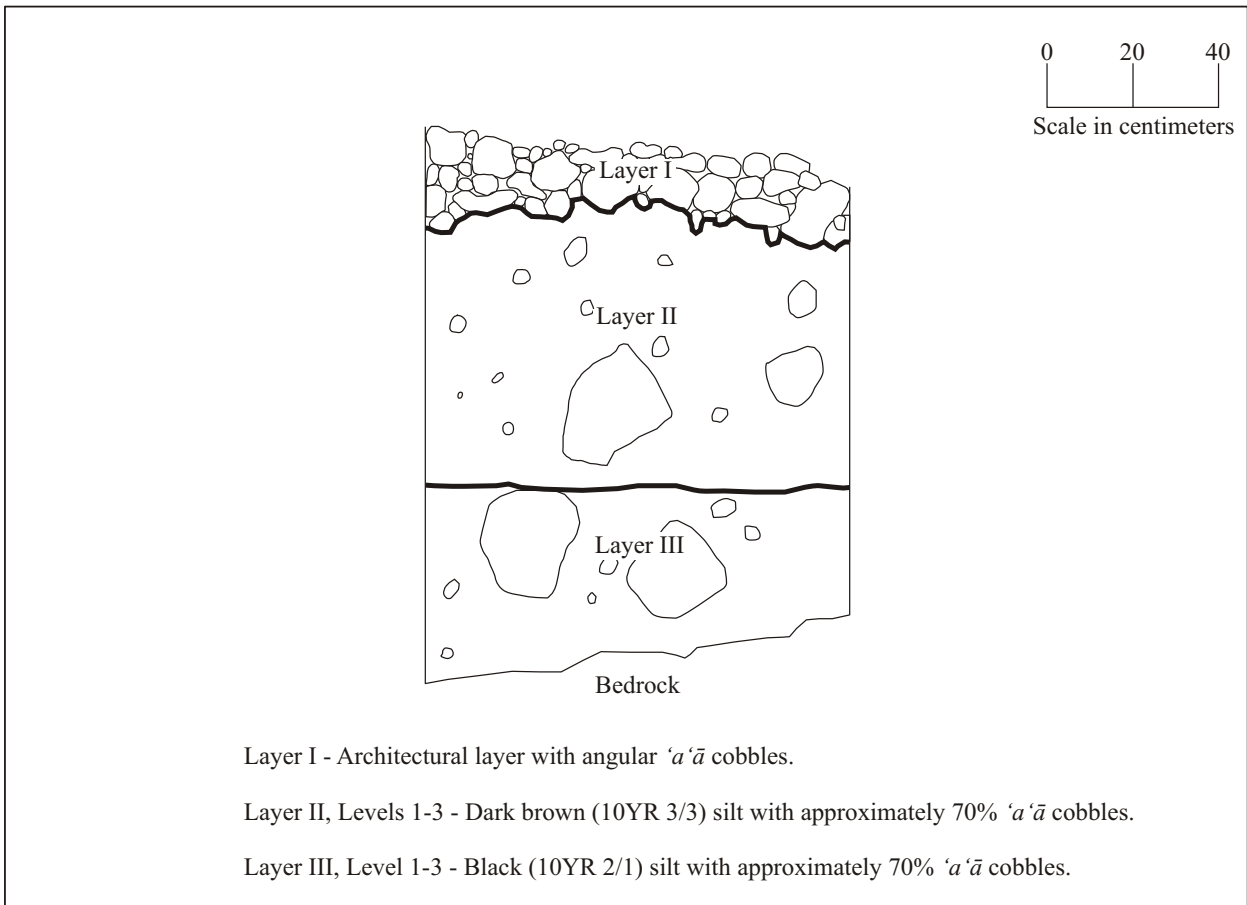


Figure 66. SIHP Site 27677 Feature A EU-22 west wall profile.

Feature B

Feature B is a rough wall partially enclosing Feature A to the north, east, and south. The wall which was formerly stacked, but is now mostly collapsed, measures up to 2.5 meters wide 70 centimeters high, and encompasses an area approximately 13.2 meters long by 9.5 meters wide. This 'a'ā cobble wall is absent in the site's southwest corner near Feature A, and only a faint trace of the western wall remains intact. The central area enclosed by the wall consists primarily of thin soil.

EU-23 and EU-24 were placed back-on-back across the southeastern corner of the Feature B wall and revealed the following stratigraphic profile (Figures 67, 68, and 69):

- Layer I (0-40cmbs)..... architectural layer with small to large sized 'a'ā cobbles and boulders with an upright in the center of the wall.
 Layer II (65-95cmbs) dark brown (10YR 3/3) loose silt with approximately 90% small 'a'ā cobbles and pebbles on weathered bedrock.

No items were recovered from EU-23, which fell on the northwestern half of the wall. *Cypraea* sp. and cone shell fragments were recovered from Level 2 of Layer II (Table 25).

Table 25. Recovered items from SIHP Site 23677, EU-24.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
562	II	2	Marine shell	<i>Cypraea</i> sp.	1	1	5.2
563	II	2	Marine shell	<i>Conus</i> sp.	1	1	0.3
EU-24 Total:					2	2	5.5

SIHP Site 23678

Site 23678 is an enclosure in the northeast quadrant of the project area (see Figure 3) constructed within the center of a *kuaiwi* remnant (Site 23686 Feature 291) (Figure 70). The oval shaped enclosure (12.5 meters long by 5.5 meters wide) is constructed of partially stacked (mostly collapsed) 'a'ā cobbles and boulders (Figure 71). In several locations the tops of the walls, which stand up to 60 centimeters above ground surface and measure 1.0 meter wide, and are topped with smooth *pāhoehoe* cobbles. The interior of the enclosure area (7.7 meters long by 2.6 meters wide) consists primarily of thin soil (at least 8 centimeters thick) covered by dense vegetation. An engineered opening (1.0 meter wide) located in the center of the north wall allows access to the enclosure. A *Cypraea* shell fragment and a small piece of coral were found on ground surface within Site 23678. Judging by the continuous construction, it appears that the enclosure was built prior to, or at the same time as, the *kuaiwi* (Site 23686 Feature 291), which extends in both directions from the enclosure's east and west ends.

EU-14 (2 x 1m aligned west-east) was placed within the oval-shaped enclosure, east of the possible northern entrance (see Figure 70) and revealed EU-14 revealed the following stratigraphic profile (Figure 72):

- Layer I, Levels 1-2 (0-20cmbs) dark brown (10YR 3/3) silt with 40% small 'a'ā cobbles and pebbles.
 Layer I, Level 3 (20-30cmbs)..... dark yellowish brown (10YR 3/4) silt on undulating and decomposing bedrock.

EU-14 yielded items that include *Cypraea* sp., *Drupa* sp., *Cellana* sp., *Isognomon* sp., coral, Echinoidea, *Conus* sp., *Venus* sp., unidentifiable shell, charcoal, fire cracked basalt, a basalt adze fragment, basalt flake, waterworn basalt, and volcanic glass flakes and shatter (Table 26). Most of the recovered items came from Levels 1 and 2. The fine-grained basalt adze fragment (Acc# 223) from Level 3 of Layer I has one polished face (Figure 73). This fragment is 13.05 millimeters long, 9.9 millimeters wide, and 1.55 millimeters thick. Other than these differences, no significant change in species or artifact types is apparent.



Figure 67. EU-23 base of excavation, view to the northeast.



Figure 68. EU-24 base of excavation, view to the northeast.

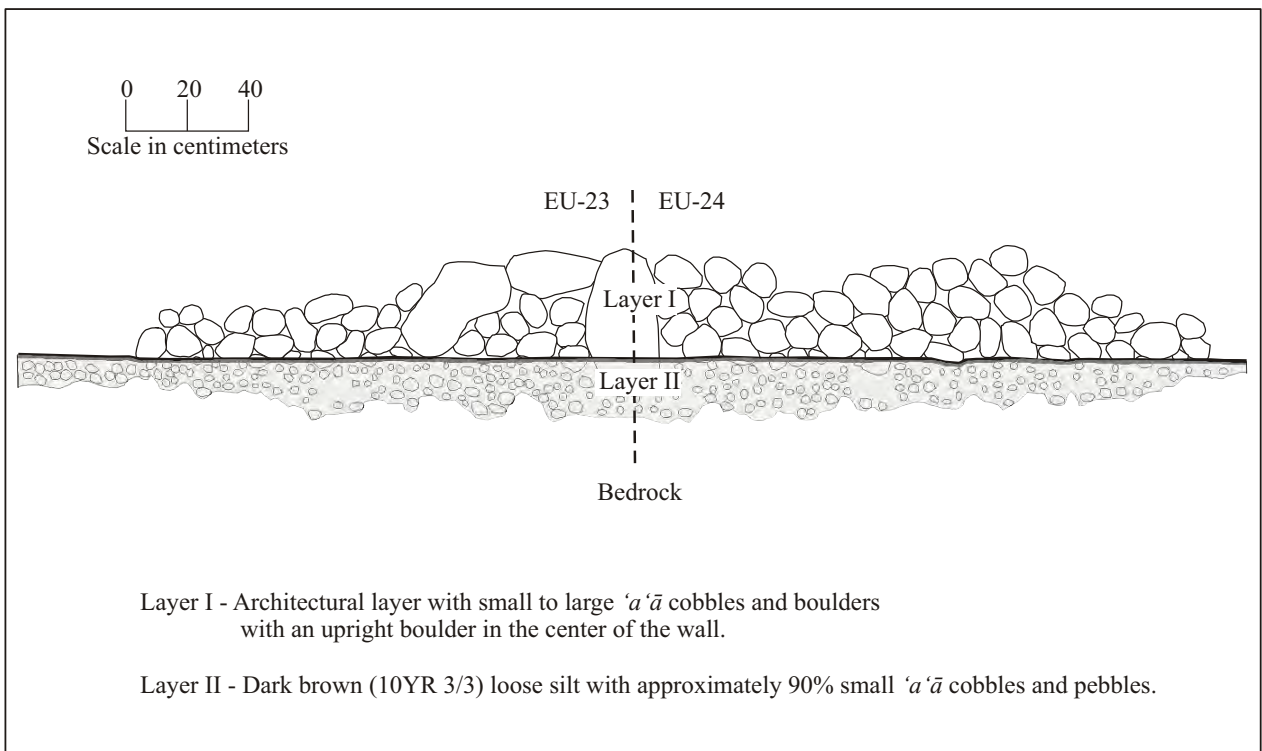


Figure 69. SIHP Site 23677 Feature B EU-23 and 24 northeast wall profile.

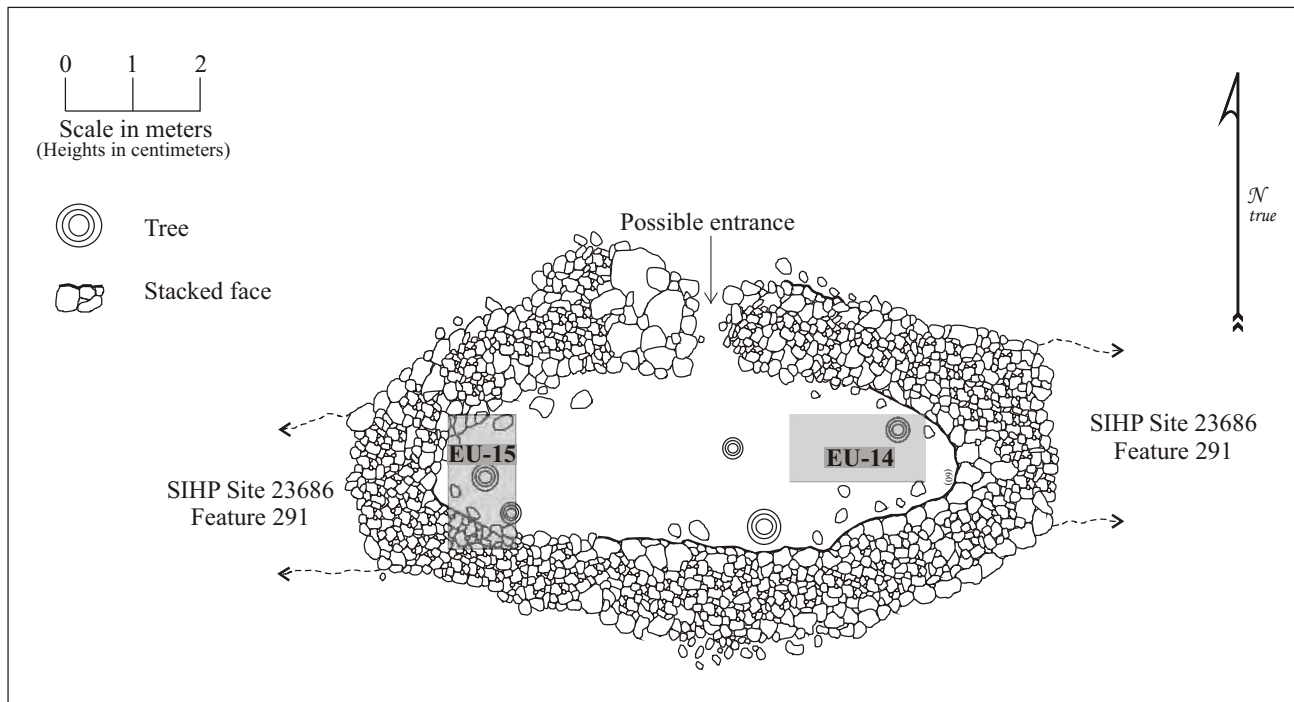


Figure 70. SIHP Site 23678 plan view.



Figure 71. SIHP Site 23678, view to the east .

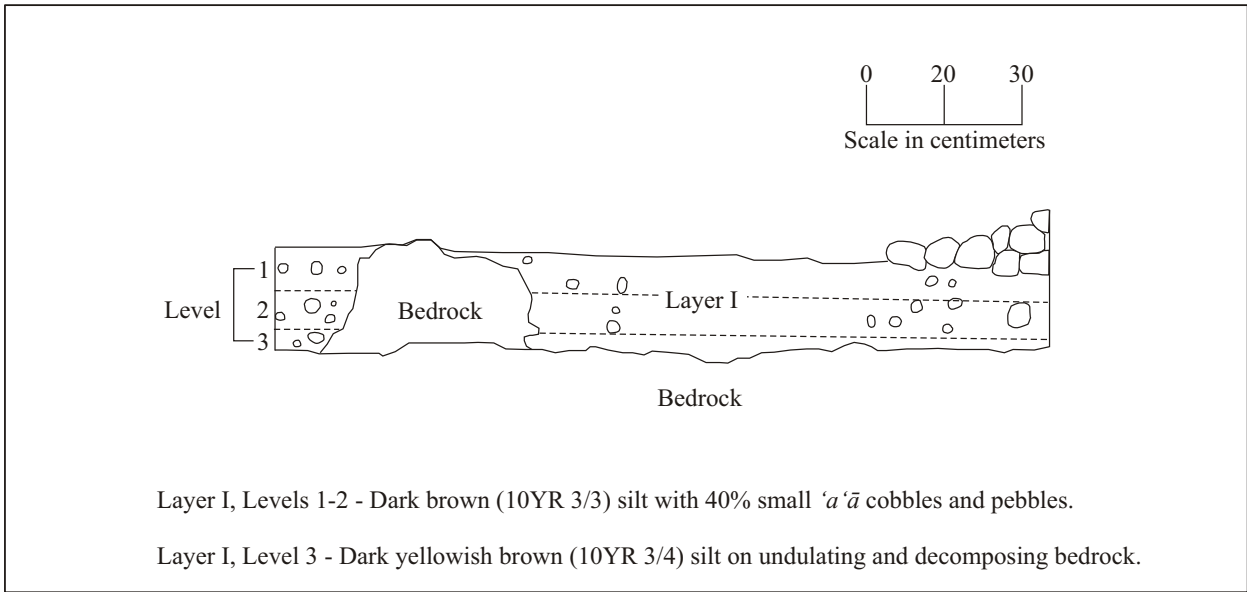


Figure 72. SIHP Site 23678 EU-14 north wall profile.



Figure 73. SIHP Site 23678 EU-14 basalt adze fragment (Acc.# 223).

Table 26. Recovered items from SIHP Site 23678, EU-14.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
204	I	1	Marine shell	<i>Cypraea</i> sp.	37	4	29.1
203	I	1	Marine shell	<i>Cellana</i> sp.	1	1	0.1
567	I	1	Marine shell	<i>Cellana</i> sp.	1	1	0.5
202	I	1	Marine shell	<i>Conus</i> sp.	6	-	2.8
568	I	1	Marine shell	<i>Conus</i> sp.	1	1	1.0
569	I	1	Marine shell	Unidentified bivalve	3	-	1.9
205	I	1	Marine shell	Unidentified	4	-	0.7
206	I	1	Coral	Unidentified	12	-	12.2
207	I	1	Coral	Unidentified	19	-	22.2
208	I	1	Coral	Waterworn	11	-	6.5
200	I	1	Basalt	Flake	1	-	0.7
199	I	1	Basalt	Fire cracked	1	-	54.2
201	I	1	Volcanic glass	Flake	9	-	4.7
198	I	1	Organic	Charcoal	-	-	0.2
Layer I, Level 1 Total:					106	7	136.8
217	I	2	Marine shell	<i>Cypraea</i> sp.	30	3	17.5
215	I	2	Marine shell	<i>Drupa</i> sp	5	-	2.3
216	I	2	Marine shell	<i>Isognomon</i> sp.	2	1	0.1
214	I	2	Marine shell	<i>Conus</i> sp.	7	3	3.8
219	I	2	Marine shell	Unidentified	20	-	6.0
220	I	2	Coral	Unidentified	22	-	2.0
221	I	2	Coral	Unidentified	30	-	30.5
222	I	2	Coral	Waterworn	3	-	0.6
218	I	2	Echinoderm	Echinoidea	11	-	0.9
213	I	2	Basalt	Waterworn pebble	1	-	0.5
212	I	2	Volcanic glass	Flake	18	-	7.5
211	I	2	Volcanic glass	Shatter	1	-	2.5
209	I	2	Organic	Charcoal	-	-	1.0
210	I	2	Organic	Wood	1	-	0.1
Layer I, Level 2 Total:					151	7	75.3
224	I	3	Marine shell	<i>Cypraea</i> sp.	7	1	4.0
226	I	3	Marine shell	Unidentified	6	-	2.0
227	I	3	Coral	Unidentified	2	-	0.4
228	I	3	Coral	Unidentified	5	-	2.8
225	I	3	Echinoderm	Echinoidea	1	-	0.1
223	I	3	Basalt	Adze fragment	1	-	0.2
Layer I, Level 3 Total:					22	1	9.5
EU-14 Total:					279	15	221.6

Charcoal collected from Level 2 in Layer I of EU-14, SIHP Site 23678 was submitted for radiocarbon assaying. The sample (Beta-212762) intercepts the tree-ring calibration curve at AD 1660 and has a 2-sigma standard deviation calibrated date range of AD 1640 to 1950.

EU-15 (2 x 1m aligned south-north) was placed partly within the oval-shaped enclosure and partly on the enclosing wall, southwest of the possible northern entrance (see Figure 70). EU-15 revealed the following stratigraphic profile (Figures 74 and 75):

Layer I (0-30cmbs).....architectural layer with small to large sized 'a'ā cobbles and boulders with an upright in the center of the wall.
 Layer II, Levels 1-4 (30-60cmbs)....dark brown (10YR 3/3) silt with 'a'ā cobbles and pebbles.
 Layer III (60-70cmbs).....dark yellowish brown (10 YR3/4) silt on weathered and uneven 'a'ā bedrock.

EU-15 yielded fish, *Cypraea* sp., *Drupa* sp., *Morula* sp., *Cellana* sp., *Isognomon* sp., *Nerita* sp., *Strombina* sp., coral, Echinoidea, *Conus* sp., *Venus* sp., unidentifiable shell, bird, charcoal, basalt flakes, waterworn basalt, and volcanic glass flakes and shatter (Table 27). Species and artifact types peak in Level 2 of Layer II and then drops off to bedrock. Other than these shifts in numbers, no meaningful stratigraphic trends for recovered items are apparent. EU-15 is unusual in terms of the density of recovered items.

Table 27. Recovered items from SIHP Site 23678, EU-15.

ACC#	Layer	Level	Material	Species/type	Count	MNI	Weight (g)
229	I	1	Marine shell	<i>Cypraea</i> sp.	2	1	2.9
230	I	1	Coral	Branch	2	-	67.0
231	I	1	Coral	Unidentified	3	-	12.2
232	I	1	Coral	Unidentified	15	-	66.4
Layer I, Level 1 Total:					22	1	148.5
235	II	1	Fish bone	Unidentified	1	-	0.1
238	II	1	Marine shell	<i>Cypraea</i> sp.	16	2	12.0
237	II	1	Marine shell	<i>Drupa</i> sp.	2	1	0.5
241	II	1	Marine shell	<i>Drupa</i> sp.	2	1	0.6
239	II	1	Marine shell	<i>Morula</i> sp.	2	2	0.3
236	II	1	Marine shell	<i>Conus</i> sp.	7	3	3.5
240	II	1	Marine shell	Unidentified	15	-	4.3
242	II	1	Coral	Unidentified	16	-	12.2
243	II	1	Coral	Unidentified	42	-	43.9
244	II	1	Echinoderm	Echinoidea	5	-	0.3
234	II	1	Basalt	Waterworn pebble	1	-	2.3
233	II	1	Volcanic glass	Flake	1	-	0.8
Layer II, Level 1 Total:					110	9	80.8
250	II	2	Marine shell	<i>Cypraea</i> sp.	58	4	36.5
252	II	2	Marine shell	<i>Drupa</i> sp.	3	1	0.9
253	II	2	Marine shell	<i>Morula</i> sp.	2	1	0.7
255	II	2	Marine shell	<i>Cellana</i> sp.	1	1	0.1
254	II	2	Marine shell	<i>Isognomon</i> sp.	2	1	0.3
257	II	2	Marine shell	<i>Strombus</i> sp.	2	2	0.6
251	II	2	Marine shell	<i>Conus</i> sp.	20	3	9.4
256	II	2	Marine shell	Unidentified bivalve	3	-	1.4
258	II	2	Marine shell	Unidentified	59	-	19.7
260	II	2	Coral	Unidentified	32	-	13.2
261	II	2	Coral	Unidentified	72	-	75.3
259	II	2	Echinoderm	Echinoidea	44	-	2.6
249	II	2	Bird bone	Unidentified	1	-	0.1
246	II	2	Basalt	Flake	4	-	2.8
247	II	2	Volcanic glass	Flake	10	-	7.7
248	II	2	Volcanic glass	Shatter	1	-	1.8
245	II	2	Organic	Charcoal	-	-	0.3
Layer II, Level 2 Total:					314	13	173.4

Continued on next page

Table 27. Continued.

<i>ACC#</i>	<i>Layer</i>	<i>Level</i>	<i>Material</i>	<i>Species/type</i>	<i>Count</i>	<i>MNI</i>	<i>Weight (g)</i>
266	II	3	Marine shell	<i>Cypraea</i> sp.	16	2	13.5
264	II	3	Marine shell	<i>Drupa</i> sp.	5	2	2.6
265	II	3	Marine shell	<i>Nerita</i> sp.	1	1	0.1
263	II	3	Marine shell	<i>Comus</i> sp.	17	3	8.2
267	II	3	Marine shell	Unidentified bivalve	3	-	1.7
268	II	3	Marine shell	Unidentified	18	-	8.0
270	II	3	Coral	Unidentified	12	-	3.7
271	II	3	Coral	Unidentified	30	-	30.0
272	II	3	Coral	Waterworn	3	-	1.2
269	II	3	Echinoderm	Echinoidea	24	-	1.1
262	II	3	Volcanic glass	Flake	1	-	0.8
Layer II, Level 3 Total:					130	8	70.9
274	II	4	Marine shell	<i>Cypraea</i> sp.	4	1	2.8
275	II	4	Marine shell	<i>Comus</i> sp.	2	1	1.2
277	II	4	Marine shell	Unidentified bivalve	1	-	0.6
276	II	4	Marine shell	Unidentified	5	-	1.2
279	II	4	Coral	Unidentified	3	-	2.0
280	II	4	Coral	Unidentified	8	-	6.2
281	II	4	Coral	Waterworn pebble	1	-	0.1
278	II	4	Echinoderm	Echinoidea	4	-	0.9
273	II	4	Basalt	Waterworn pebble	1	-	0.5
Layer II, Level 4 Total:					29	2	15.5
EU-15 Total:					605	33	489.1

SIHP SITE 23686

Site 23686 consists of the entire archaeological agricultural landscape contained within the project area. The site encompasses 297 distinct agricultural features including 199 mounds (67.0%), 59 modified outcrops (19.6%), 22 terraces (7.4%), 7 enclosures (2.4%), 7 *kuaiwi* (2.4%), and 3 pavements (1.0%). See Clark and Rechtman (2003) for a discussion of feature type definitions. These features stretch over the entire landscape but, by far, the greatest numbers are concentrated in the southeast quadrant of the project area (see Figure 3). This area may have received less Historic Period use, which would point to a higher number of preserved features in this area, rather than increased Precontact use of this portion of the project area. Features in the *makai* third to one half of the project area are constructed primarily of *pāhoehoe* while the *mauka* features are constructed primarily of 'a'ā, as dictated by the readily available source materials. A complete listing of the features at Site 23686 is shown in Table 7, and the locations of the features are shown on Figure 76.

During the Inventory Survey (Clark and Rechtman 2003) ten test units were excavated within five mounds (Features 187, 189, 262, 266, and 271) and five modified outcrops (Features 183, 201, 204, 239, and 297) at various elevations within Site 23686. No cultural material was recovered from any of these test units; and no terraces, enclosures, *kuaiwi*, or pavements were tested during the inventory survey. During data recovery seventeen excavation units were excavated within fifteen features (2 excavation units were placed within each of Features 282 and 289). The fifteen excavated features include two square enclosures (Features 293 and 294), one rectangular enclosure (Feature 251), two rectangular pavements (Features 250 and 282), one irregular pavement (Feature 289), five linear terraces (Features 81, 185, 212, 247 and 254), one irregular terrace (Feature 286), and three linear *kuaiwi* (Features 17, 82, and 291).



Figure 74. SIHP Site 23678 EU-15 base of excavation, view to the north.

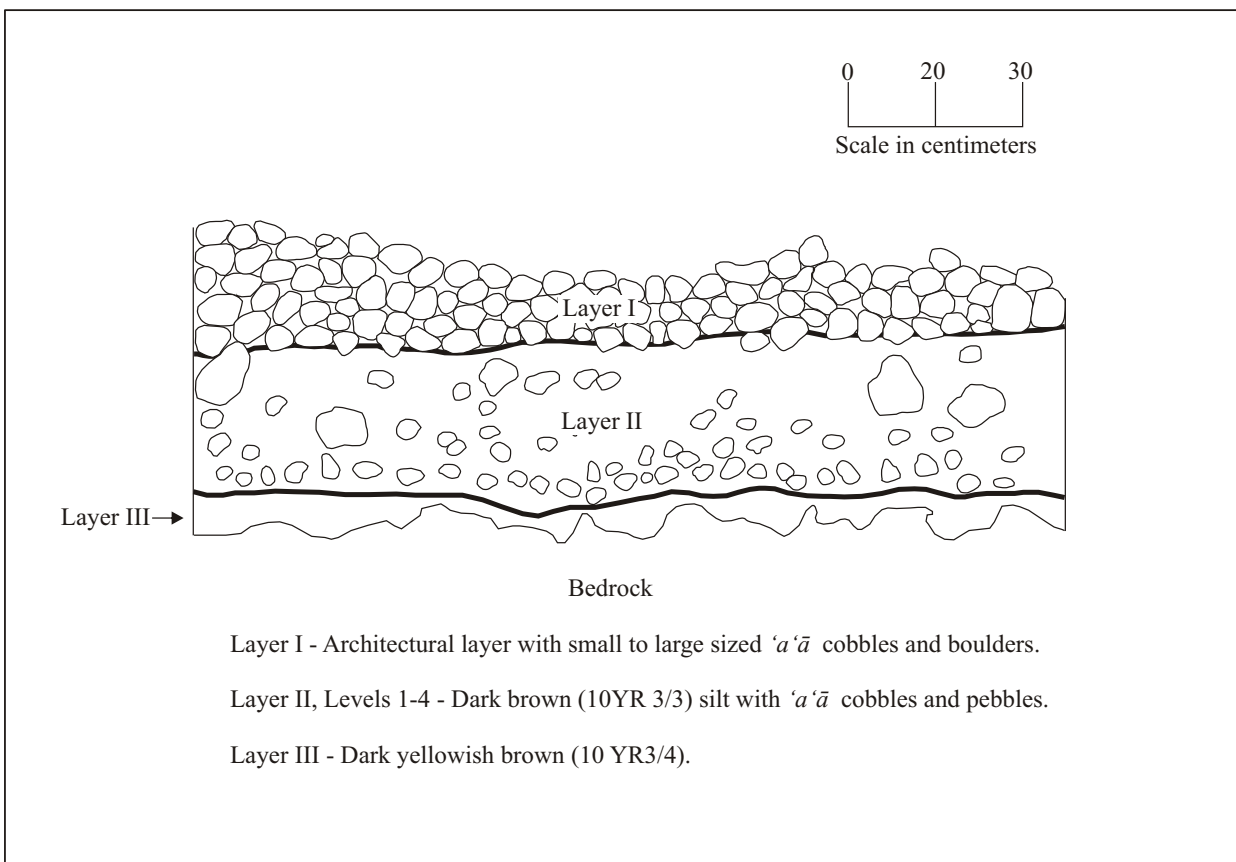


Figure 75. SIHP Site 23678 EU-15 west wall profile.



Figure 76. SHP Site 23686 Plan view.

Table 28. SIHP Site 23686 agricultural features.

<i>Feature #</i>	<i>Feature type</i>	<i>Attribute*</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Height (m)</i>	<i>Shape</i>
1	Mound	S/P	5.2	2.9	0.8	Irregular
2	Mound	S	2.8	2.7	0.8	Oval
3	Modified outcrop	S	4.3	2.2	1.8	Irregular
4	Modified outcrop	P	4.6	2.9	1.1	Linear
5	Modified outcrop	P	5.8	4.2	0.6	Irregular
6	Mound	P	5.0	2.1	0.4	Linear
7	Modified outcrop	P	4.4	3.6	0.6	Triangular
8	Mound	P	2.8	2.8	0.5	Circular
9	Modified outcrop	S	5.2	2.9	0.8	Irregular
10	Mound	P	2.0	1.5	0.5	Oval
11	Mound	P	3.9	1.8	0.8	Linear
12	Mound	P	3.7	2.1	0.7	Linear
13	Mound	P	3.8	2.7	0.9	Linear
14	Mound	P	2.7	2.7	0.7	Circular
15	Mound	P	3.5	3.0	1.0	Oval
16	Mound	P	2.3	2.3	0.8	Circular
17	<i>Kuaiwi</i>	P	38.7	2.0	0.8	Linear
18	Mound	P	2.7	2.4	0.7	Circular
19	Mound	P	2.1	0.9	0.9	Linear
20	Mound	P	3.1	1.9	0.9	Oval
21	Mound	P	2.7	1.6	1.0	Irregular
22	Mound	P	3.2	2.9	0.5	Rectangular
23	Mound	P	3.3	0.9	0.9	Linear
24	Mound	P	3.8	3.0	0.9	Irregular
25	Mound	P	3.1	2.5	0.5	Irregular
26	Modified outcrop	P	4.5	3.5	0.7	Irregular
27	Mound	P	2.1	2.1	0.7	Circular
28	Mound	P	3.5	2.0	0.4	Irregular
29	Mound	P	4.1	3.5	0.9	Oval
30	Mound	P	10.7	2.7	0.4	Linear
31	Mound	P/S	2.1	1.9	0.7	Irregular
32	Mound	P	1.8	1.6	0.6	Irregular
33	Mound	P	4.0	3.6	0.8	Oval
34	Mound	P	2.2	2.2	1.0	Circular
35	Enclosure	P	3.0	2.5	0.4	Oval
36	Modified outcrop	P/S	2.1	1.4	1.1	Irregular
37	Terrace	P	4.8	3.1	0.9	Linear
38	Mound	P	2.0	1.7	0.5	Oval
39	Mound	P	1.8	1.4	0.5	Oval
40	Mound	P	2.8	2.1	0.7	Oval
41	Mound	P	1.4	1.4	0.4	Circular
42	Mound	S	2.1	1.8	0.8	Irregular
43	Mound	P	1.9	1.8	0.5	Circular
44	Mound	P	2.3	2.0	0.5	Oval
45	Mound	P	2.3	1.5	0.5	Oval
46	Mound	P	3.2	1.0	0.4	Linear
47	Mound	P	2.5	1.9	0.6	Oval
48	Mound	P	2.6	2.0	0.4	Oval
49	Mound	P	2.3	1.9	0.5	Oval
50	Mound	P	3.2	2.1	0.5	Irregular
51	Mound	P	2.7	1.8	0.5	Irregular
52	Mound	P	1.3	1.3	0.6	Circular

*S=Stacked; P=Piled.

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Table 28. Continued.

<i>Feature #</i>	<i>Feature type</i>	<i>Attribute*</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Height (m)</i>	<i>Shape</i>
53	Mound	P	4.4	2.9	0.6	Oval
54	Mound	P	1.8	1.3	0.4	Irregular
55	Mound	P	1.9	1.3	0.4	Rectangular
56	Mound	P	2.5	1.7	0.7	Oval
57	Mound	P	2.5	1.6	0.7	Linear
58	Mound	P	4.5	3.2	0.7	Irregular
59	<i>Kuaiwi</i>	P	18.6	1.1	0.4	Linear
60	Mound	P	1.4	1.4	0.6	Linear
61	Mound	P	3.3	1.5	0.7	Linear
62	Mound	P	2.1	2.1	0.3	Circular
63	Mound	P	1.7	1.0	0.5	Irregular
64	Mound	P	3.3	1.9	0.3	Oval
65	Mound	P	2.1	1.5	0.2	Oval
66	Mound	P	1.7	2.1	0.3	Circular
67	Mound	P	3.5	0.8	0.4	Linear
68	Mound	P	1.8	1.0	0.5	Circular
69	Mound	P	2.7	2.7	0.6	Circular
70	Mound	P	2.2	1.2	0.4	Oval
71	Mound	P	4.8	3.3	0.4	Irregular
72	Mound	P	1.9	1.5	0.8	Oval
73	Mound	P	1.9	1.9	0.4	Circular
74	Mound	P	1.7	1.7	0.3	Circular
75	Mound	P	2.1	1.4	0.6	Oval
76	Mound	P	1.3	1.3	0.5	Circular
77	Mound	P	1.9	1.2	0.3	Oval
78	Mound	P	1.8	1.1	0.5	Oval
79	Mound	P	1.4	1.4	0.4	Circular
80	Mound	P	3.2	1.4	0.7	Linear
81	Terrace	S	60.0	1.0	0.5	Linear
82	<i>Kuaiwi</i>	S	108.0	2.1	0.7	Linear
83	Mound	S	1.8	1.3	0.5	Circular
84	Mound	S	3.4	2.1	0.8	Rectangular
85	Mound	P	3.1	2.2	0.8	Oval
86	Mound	P	3.0	1.7	0.5	Oval
87	Mound	S	1.8	1.1	0.4	Rectangular
88	Mound	P	2.1	1.1	0.4	Oval
89	Mound	P	1.5	1.5	0.5	Circular
90	Mound	P	3.4	1.7	0.6	Linear
91	Mound	P	1.9	1.9	0.6	Circular
92	Mound	P	5.6	2.1	0.7	Linear
93	Mound	P	3.4	1.9	0.4	Rectangular
94	Mound	P	1.9	1.9	0.7	Circular
95	Mound	P	6.4	1.8	1.4	Crescent
96	Mound	P	2.6	1.2	0.7	Irregular
97	Mound	P	1.9	1.4	0.5	Oval
98	Mound	P	2.0	1.2	0.4	Rectangular
99	Mound	P	4.0	1.4	0.4	Linear
100	Mound	P	11.9	1.9	0.5	Circular
101	Mound	P	2.0	2.0	0.5	Circular
102	Mound	P	1.4	1.4	0.4	Circular
103	Mound	P	3.4	1.7	0.5	Irregular
104	Mound	P	1.6	1.1	0.4	Oval

*S=Stacked; P=Piled.

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Table 28. Continued.

<i>Feature #</i>	<i>Feature type</i>	<i>Attribute*</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Height (m)</i>	<i>Shape</i>
105	Mound	P	2.4	2.4	0.4	Circular
106	Mound	P	1.7	1.7	0.4	Circular
107	Terrace	P	5.2	2.4	0.3	Linear
108	Mound	P	1.7	1.5	0.5	Irregular
109	Mound	P	1.7	1.2	0.5	Oval
110	Mound	P	1.6	1.6	0.5	Circular
111	Mound	P	1.8	1.2	0.5	Oval
112	Modified outcrop	P	3.6	2.3	0.8	Linear
113	Mound	P	2.8	1.8	0.6	Linear
114	Mound	P	2.2	1.5	0.3	Rectangular
115	Mound	P	2.1	2.0	0.5	Irregular
116	Mound	P	2.3	1.4	0.5	Oval
117	Mound	P	2.4	1.2	0.3	Oval
118	Terrace	P	7.0	0.7	0.6	L-shaped
119	Mound	P	2.8	1.9	0.4	Oval
120	Terrace	S	29.0	1.0	0.6	Linear
121	Mound	P	2.7	1.3	0.4	Oval
122	Mound	S	2.8	1.7	0.6	Oval
123	Mound	P	2.3	1.2	0.5	Linear
124	Mound	P	2.3	1.3	0.4	Oval
125	Mound	P	2.0	1.4	0.5	Oval
126	Mound	S	2.6	1.6	0.7	Rectangular
127	Mound	P	5.2	1.2	0.4	Linear
128	Mound	P	3.2	2.2	0.6	Oval
129	Mound	P	3.5	3.2	1.0	Oval
130	Modified outcrop	S	4.7	2.8	0.3	Linear
131	Mound	S	3.4	2.3	0.5	Triangular
132	Mound	P	1.8	1.3	0.8	Oval
133	Modified outcrop	P	2.2	2.0	0.7	Irregular
134	Mound	P	1.9	1.3	0.4	Oval
135	Modified outcrop	P	1.8	1.1	0.6	Irregular
136	Mound	P	2.3	1.9	0.6	Irregular
137	Modified outcrop	P	2.8	2.0	0.8	Rectangular
138	Mound	P	1.3	1.3	0.3	Circular
139	Modified outcrop	P	1.5	1.1	0.7	Oval
140	Mound	S	2.3	1.8	0.7	Irregular
141	Terrace	P	4.7	2.5	1.0	Rectangular
142	Mound	S	1.3	0.9	0.9	Oval
143	Terrace	P	3.6	1.8	0.8	Rectangular
144	Mound	P	2.6	2.1	0.8	Oval
145	Modified outcrop	P	1.8	2.1	0.7	Oval
146	Mound	P	2.6	2.2	0.6	Oval
147	Mound	P	3.7	1.6	0.5	Linear
148	Mound	P	2.3	1.2	0.6	Oval
149	Mound	P	2.0	2.0	0.7	Circular
150	Mound	P	4.4	2.5	0.6	Linear
151	Mound	P	1.4	1.4	0.3	Circular
152	Mound	P	4.9	3.2	0.7	Linear
153	Mound	P	1.4	0.8	0.3	Oval
154	Mound	P	3.6	2.3	0.7	Linear
155	Mound	P	1.5	1.0	0.4	Triangular
156	Mound	P	3.2	2.1	0.6	Oval

*S=Stacked; P=Piled.

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Table 28. Continued.

<i>Feature #</i>	<i>Feature type</i>	<i>Attribute*</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Height (m)</i>	<i>Shape</i>
157	Mound	P	1.8	1.5	0.5	Circular
158	Mound	S	2.5	1.6	0.7	Oval
159	Mound	P	1.5	1.2	0.7	Oval
160	Mound	S	1.8	1.3	0.6	Irregular
161	Modified outcrop	S/P	6.0	3.0	1.4	Rectangular
162	Mound	P	1.3	1.3	0.6	Circular
163	Modified outcrop	P	12.2	1.1	1.1	Irregular
164	Modified outcrop	P	5.8	4.8	1.9	Rectangular
165	Mound	P	1.8	1.8	0.4	Irregular
166	Mound	P	3.2	1.7	0.8	Linear
167	Mound	P	1.3	1.3	0.4	Circular
168	Mound	S/P	5.7	3.9	0.9	Oval
169	Mound	P	2.2	1.6	0.7	Oval
170	Mound	P	1.3	1.3	0.5	Circular
171	Mound	P	2.2	1.7	0.8	Irregular
172	Mound	P	2.3	1.8	0.5	Oval
173	Mound	P	3.0	2.2	0.9	Oval
174	Mound	P	1.8	1.8	0.3	Circular
175	Modified outcrop	P	2.3	2.1	1.0	Irregular
176	Mound	P	1.1	1.0	0.5	Circular
177	Modified outcrop	P	2.9	2.6	0.6	Crescent
178	Mound	P	2.6	2.1	0.5	Irregular
179	Modified outcrop	P	1.4	2.3	0.4	Irregular
180	Mound	P	1.8	1.8	0.6	Circular
181	Mound	P	2.8	1.7	0.8	Irregular
182	Mound	P	2.2	2.2	0.5	Circular
183	Modified outcrop	S	6.7	5.3	0.8	Irregular
184	Mound	P	2.0	2.0	0.4	Circular
185	Terrace	P	17.0	0.6	0.9	Linear
186	Mound	S/P	2.6	1.4	0.9	Oval
187	Mound	S/P	3.0	1.7	0.8	Rectangular
188	Modified outcrop	P	3.5	2.7	1.0	Irregular
189	Mound	P	2.4	2.2	0.7	Irregular
190	Modified outcrop	S/P	3.9	2.3	0.9	Linear
191	Modified outcrop	P	4.4	2.1	0.8	Linear
192	Modified outcrop	S	2.5	1.8	0.8	Oval
193	Modified outcrop	P	9.2	3.1	1.1	Irregular
194	Mound	P	3.0	2.1	0.6	Oval
195	<i>Kuaiwi</i>	S/P	16.0	1.0	0.5	Linear
196	Modified outcrop	P	5.2	2.8	0.8	Linear
197	Mound	S/P	6.0	2.3	1.1	Rectangular
198	Modified outcrop	P	3.1	2.7	0.6	Irregular
199	Modified outcrop	P	6.5	4.8	0.7	L-shaped
200	Terrace	P	7.2	2.1	0.8	Crescent
201	Modified outcrop	S/P	6.2	3.8	0.7	Oval
202	Mound	P	2.1	2.1	0.6	Circular
203	Mound	P	3.4	2.8	0.8	Circular
204	Modified outcrop	S/P	3.4	2.7	0.7	Irregular
205	Modified outcrop	P	3.0	2.3	0.6	Irregular
206	Mound	S	2.3	2.3	0.6	Circular
207	Mound	S	3.2	3.2	0.8	Irregular
208	Modified outcrop	P	2.7	0.9	0.4	Linear

*S=Stacked; P=Piled.

continued on next page.

Table 28. Continued.

<i>Feature #</i>	<i>Feature type</i>	<i>Attribute*</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Height (m)</i>	<i>Shape</i>
209	Modified outcrop	P	3.7	2.6	0.6	Oval
210	Modified outcrop	P	5.2	3.4	0.9	Irregular
211	Mound	P	3.6	2.8	0.8	Irregular
212	Terrace	P	5.2	1.4	0.5	Linear
213	<i>Kuaiwi</i>	P	50.2	1.8	0.7	Linear
214	Mound	S/P	2.6	2.1	0.9	Oval
215	Modified outcrop	S/P	10.3	3.9	1.7	Irregular
216	Mound	P	2.7	2.4	0.2	Circular
217	Modified outcrop	S	1.6	0.4	0.4	Linear
218	Modified outcrop	P	2.0	1.8	0.7	Oval
219	Modified outcrop	P	3.0	1.8	1.0	Irregular
220	Modified outcrop	S	1.8	1.0	1.5	Crescent
221	Mound	S/P	3.5	1.9	1.1	Irregular
222	Mound	P	3.6	2.7	1.0	Rectangular
223	Mound	P	2.5	2.0	0.8	Irregular
224	Mound	S/P	3.3	1.9	0.9	Rectangular
225	Mound	P	1.4	1.4	0.7	Circular
226	Mound	P	2.0	2.0	0.6	Circular
227	Mound	P	4.1	3.7	0.8	Irregular
228	Mound	P	2.3	2.1	1.0	Oval
229	Mound	S/P	4.3	2.0	0.9	Rectangular
230	Modified outcrop	P	3.4	2.3	0.9	Oval
231	Modified outcrop	P	2.3	2.0	0.7	Irregular
232	Modified outcrop	P	1.9	1.7	0.9	Oval
233	Mound	P	2.3	1.7	0.8	Irregular
234	Mound	S/P	2.0	1.7	1.0	Irregular
235	Modified outcrop	S/P	3.9	1.9	1.0	Irregular
236	Modified outcrop	S/P	2.1	1.6	1.1	Irregular
237	Terrace	S/P	6.0	4.0	2.1	Rectangular
238	Modified outcrop	P	3.4	2.8	1.0	L-shaped
239	Modified outcrop	S/P	4.0	2.5	0.7	Rectangular
240	Mound	P	2.5	2.1	0.8	Circular
241	Mound	P	4.4	3.1	1.0	Irregular
242	Modified outcrop	S/P	3.4	2.2	0.8	Irregular
243	Terrace	S/P	11.8	7.9	0.9	Crescent
244	Terrace	S/P	9.0	5.6	0.7	Linear
245	Modified outcrop	S/P	13.9	7.8	1.7	Irregular
246	Mound	S/P	2.2	1.0	0.6	Irregular
247	Terrace	S/P	11.0	2.6	0.9	Linear
248	Modified outcrop	P	3.5	1.9	0.7	Irregular
249	Mound	P	4.1	2.3	0.6	Oval
250	Pavement	P	2.5	1.8	0.5	Rectangular
251	Enclosure	P	12.5	11.5	0.6	Rectangular
252	<i>Kuaiwi</i>	P	38.0	2.3	0.8	Linear
253	Terrace	S/P	15.0	2.5	0.7	Linear
254	Terrace	S/P	20.0	2.7	0.8	Linear
255	Mound	P	9.5	2.8	0.8	Linear
256	Mound	P	1.5	1.4	0.5	Circular
257	Mound	S/P	2.9	2.1	0.6	Rectangular
258	Mound	P	1.2	1.0	0.5	Oval
259	Mound	P	2.8	1.2	0.6	Rectangular
260	Mound	S	3.3	2.3	1.2	Triangular

*S=Stacked; P=Piled.

continued on next page.

Table 28. Continued.

<i>Feature #</i>	<i>Feature type</i>	<i>Attribute*</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Height (m)</i>	<i>Shape</i>
261	Mound	S	5.1	3.0	1.2	Oval
262	Mound	S	3.4	1.7	1.2	Irregular
263	Mound	S/P	4.2	2.2	1.4	Oval
264	Terrace	S/P	36.0	2.1	0.7	Linear
265	Terrace	P	5.2	1.4	0.4	Linear
266	Mound	S	2.4	1.2	0.7	Rectangular
267	Terrace	S/P	5.0	5.0	1.0	L-shaped
268	Modified outcrop	P	3.1	2.1	0.9	Irregular
269	Terrace	S/P	22.5	1.8	0.8	Linear
270	Enclosure	S/P	11.0	9.5	0.9	U-shaped
271	Mound	S	2.4	1.2	0.7	Rectangular
272	Modified outcrop	P	4.6	4.5	0.7	Oval
273	Modified outcrop	P	5.5	3.0	1.1	Irregular
274	Mound	P	4.0	2.5	1.0	Oval
275	Modified outcrop	S/P	5.0	4.5	1.2	Oval
276	Mound	P	2.7	1.4	0.8	Linear
277	Mound	S/P	5.0	2.7	0.9	Oval
278	Mound	P	3.2	2.4	0.9	Oval
279	Enclosure	S/P	3.5	2.6	0.7	Oval
280	Mound	P	2.2	2.2	0.6	Circular
281	Modified outcrop	P	6.4	4.3	1.0	L-shaped
282	Pavement	P	12.5	8.5	0.2	Rectangular
283	Mound	P	7.4	1.7	0.8	Linear
284	Mound	P	4.5	2.9	0.7	Irregular
285	Mound	S/P	5.0	1.3	0.8	Linear
286	Terrace	P	16.0	1.8	0.6	Irregular
287	Modified outcrop	S/P	3.5	1.7	0.9	Irregular
288	Modified outcrop	P	3.0	1.1	0.8	Crescent
289	Pavement	P	9.0	5.5	0.2	Irregular
290	Terrace	S/P	11.0	6.5	0.8	Crescent
291	<i>Kuaiwi</i>	P	78.0	3.5	0.3	Linear
292	Modified outcrop	P	5.6	4.7	0.9	Rectangular
293	Enclosure	P	1.9	1.9	0.5	Square
294	Enclosure	P	2.2	2.2	0.6	Square
295	Enclosure	P	5.5	3.4	0.5	U-shaped
296	Mound	P	2.3	1.3	0.7	Oval
297	Modified outcrop	S/P	4.5	4.0	0.7	Oval

*S=Stacked; P=Piled.

Five mounds (Features 187, 189, 262, 266, 271), ones that appeared to have the most time invested in their construction, underwent subsurface testing in the form of 1 x 1 meter test units.

Feature 187

Feature 187 is a partially stacked rectangular shaped *pāhoehoe* cobble mound located in the extreme western end of Site 23686 (see Figure 76). The mound rests on exposed bedrock. Its edges are mostly stacked, but have collapsed in small sections (Figure 77). Feature 187 measures 3.0 meters long by 1.7 meters wide and 80 centimeters tall. Its surface slopes slightly to the north following the natural bedrock contours.



Figure 77. SIHP Site 23686 Feature 187, view to the southeast.

A 1 x 1 meter test unit (TU-1) was excavated into the north-central portion of Feature 187 (Figure 78) and revealed a single architectural layer (Layer I) resting on bedrock. Layer I consisted of small to medium sized *pāhoehoe* cobbles mixed with some organics. This layer rested directly on bedrock and at the base of the layer a single piece of water rounded coral was discovered. Along the unit's northern edge, a small amount of brown (10YR 4/3) sandy silt (less than 1 centimeter thick) had accumulated subsequent to the feature's construction. No cultural material (with the exception of the coral fragment) was recovered from TU-1 and the excavation terminated at bedrock (Figure 79).

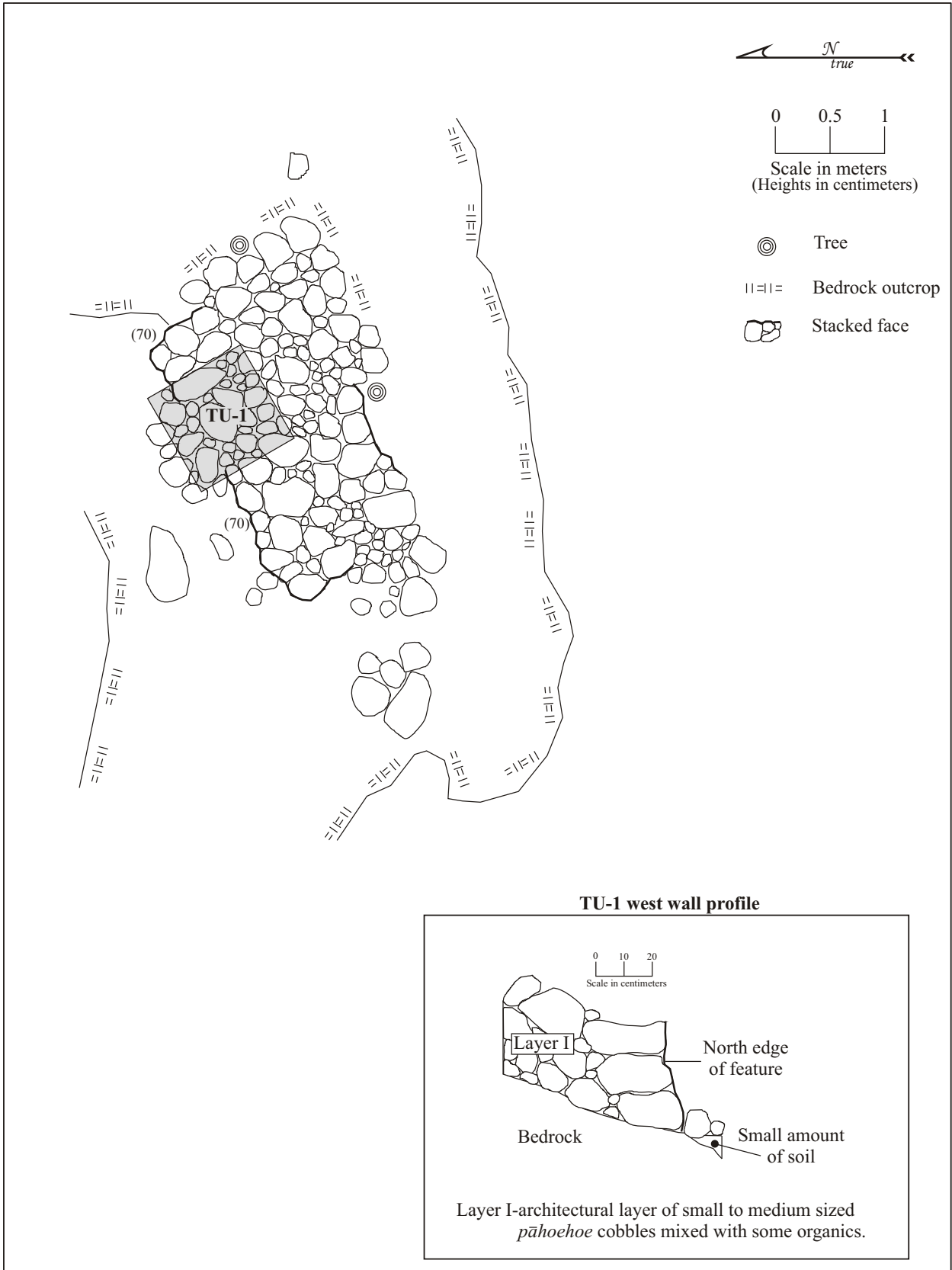


Figure 78. SIHP Site 23686 Feature 187 plan view and TU-1 profile.



Figure 79. SIHP Site 23686 Feature 187 TU-1 base of excavation, view to the southwest.

Feature 189

Feature 189 is a piled irregular shaped *pāhoehoe* cobble mound located in the extreme western end of the project area (see Figure 76). The mound rests on exposed bedrock and may have been formerly stacked around its edges, but is now largely collapsed (Figures 80 and 81). In its current condition Feature 189 measures 2.4 meters long by 2.2 meters wide and 70 centimeters tall. A small rounded piece of coral was found resting on the feature's southwest corner.



Figure 80. SIHP Site 23686 Feature 189, view to the northeast.

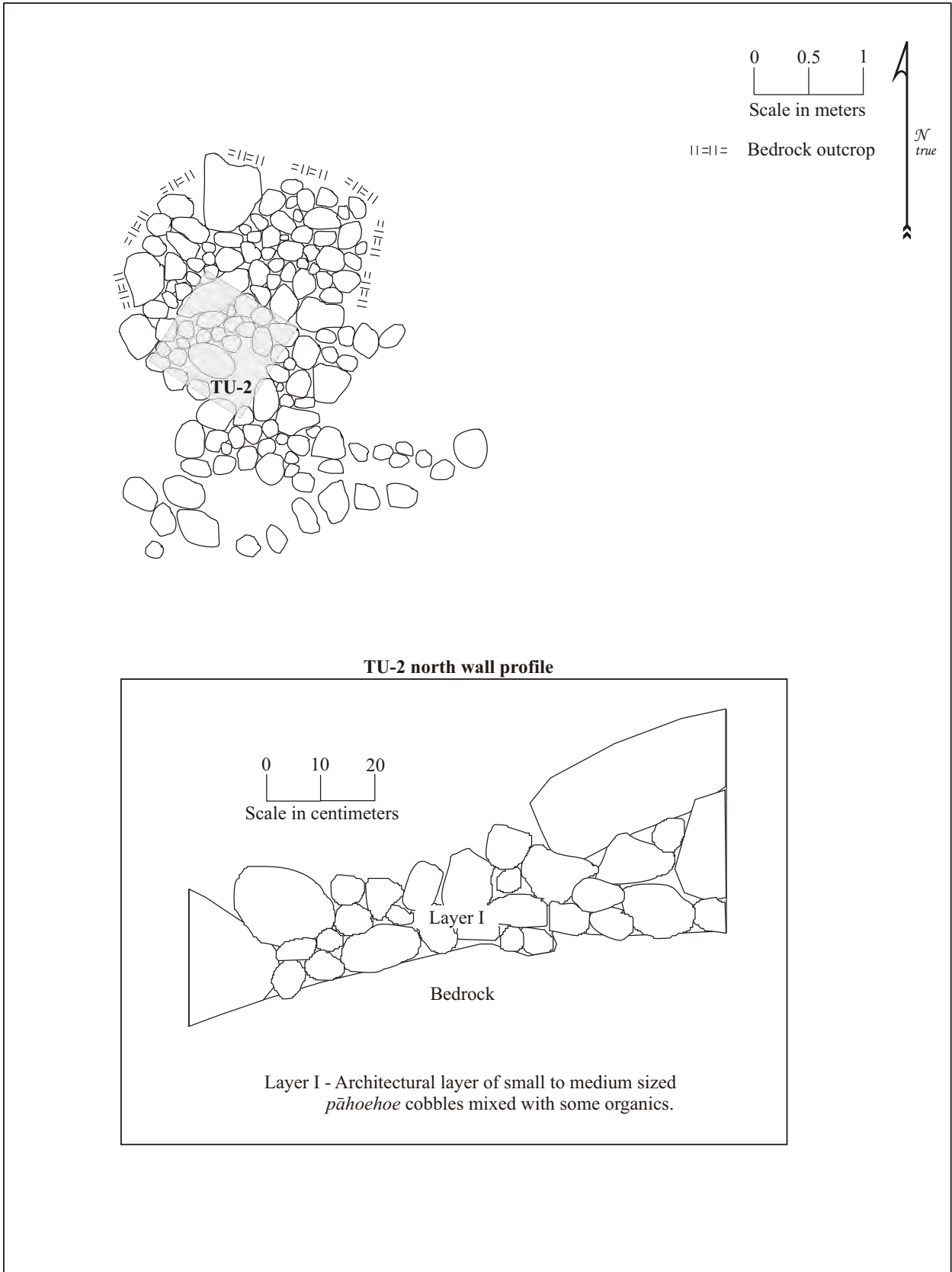


Figure 81. SIHP Site 23686 Feature 189 plan view and TU-2 profile.

A 1 x 1 meter test unit (TU-2) was excavated into the central portion of Feature 189 (see Figure 81). Excavation of TU-2 revealed a single architectural layer (Layer I) resting on bedrock. Layer I consisted of small to medium sized *pāhoehoe* cobbles mixed with some organics. This layer rested directly on bedrock. However, along its southwestern edge, in a bedrock depression, a small amount of brown (7.5YR 3/4) fine silt (less than 1 centimeter thick) had accumulated subsequent to the feature's construction. No cultural material of any kind was recovered from TU-2 and the excavation terminated at bedrock (Figure 82).



Figure 82. SIHP Site 23686 Feature 189 TU-2 base of excavation, view to the northeast.

Feature 262

Feature 262 is an irregular shaped mound constructed of stacked 'a'ā cobbles located in the southeast quadrant of the project area along the north side of Feature 82, a *kuaiwi* (see Figure 76). The mound measures 3.4 meter long by 1.7 meters wide and up to 1.25 meters tall (Figure 83). It has a squared north side and a slightly rounded south side with a rounded top surface (Figure 84). Feature 262 rests on a soil ground surface covered by dense vegetation.

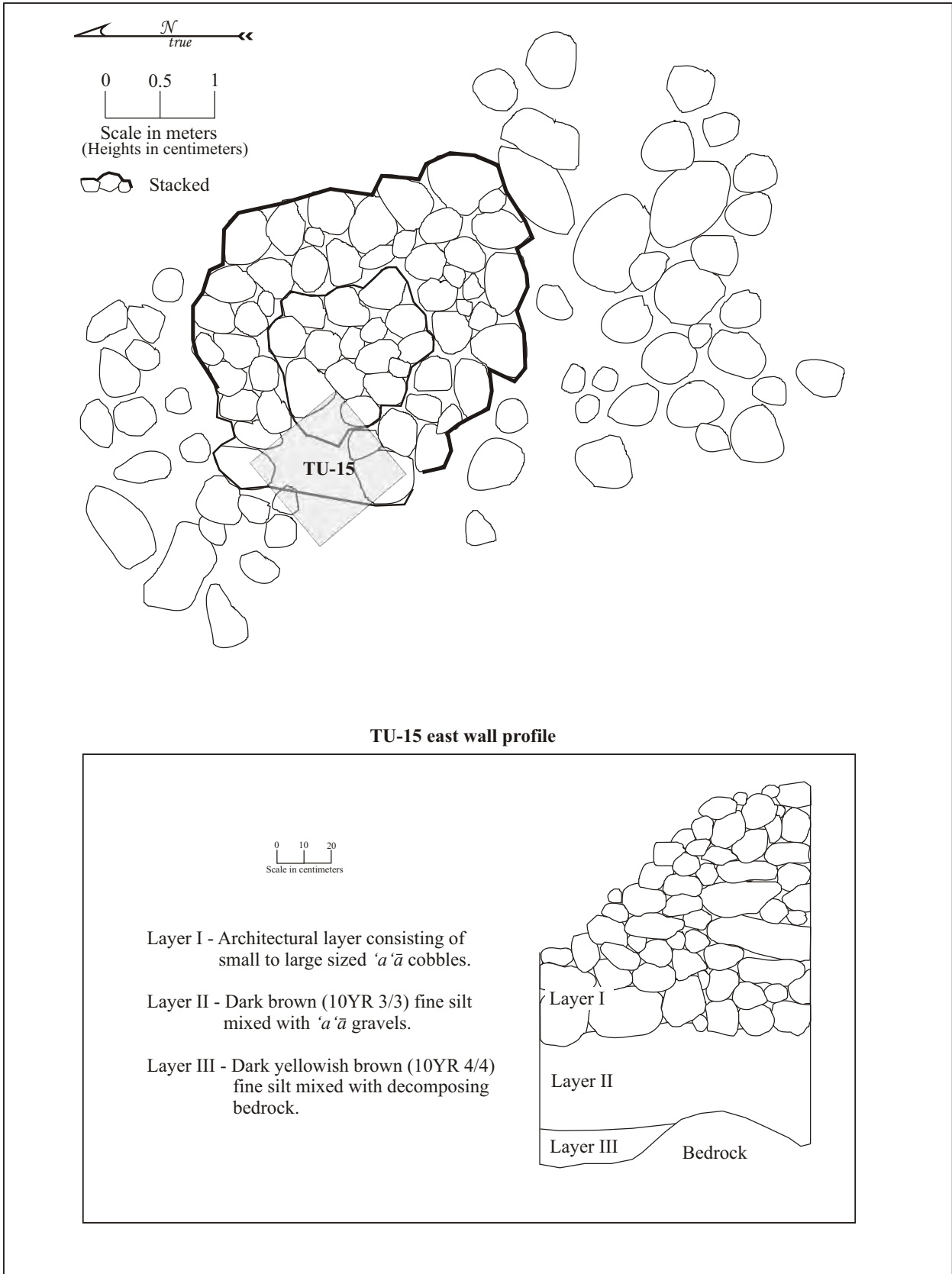


Figure 83. SIHP Site 23686 Feature 262 plan view and TU-15 profile.



Figure 84. SIHP Site 23686 Feature 262, view to the east.

A 1 x 1 meter Test Unit (TU-15) was excavated in the northwest corner of Feature 262 (see Figure 83) and revealed the following stratigraphic profile (which contained no cultural items):

- Layer I (0-92cmbs)..... architectural layer with small to large sized 'a'ā cobbles stacked along the exterior edges of the feature and piled within the interior.
- Layer II (92-141cmbs) dark brown (10YR 3/3) fine silt mixed with 'a'ā gravels on bedrock in the southern portion of TU-15.
- Layer III (141-147cmbs).. dark yellowish brown (10YR 4/4) fine silt mixed with decomposing bedrock on bedrock.

Feature 266

Feature 266 is a stacked 'a'ā cobble mound located in the southeast quadrant of the project area amongst a number of less formal mounds (see Figure 76). This mound, which is roughly rectangular in shape, measures 2.4 meters long by 1.2 meters wide and stands up to 70 centimeters above the surrounding soil ground surface (Figures 85 and 86). The west end of the feature is neatly stacked and an upright 'a'ā slab (70 centimeters long) is located at the eastern end of the feature.

A 1 x 1 meter test unit (TU-19) was excavated within the center of Feature 266 (see Figure 85 and 87) and revealed the following stratigraphic profile (which contained no cultural items):

- Layer I (0-48cmbs)..... architectural layer with large sized 'a'ā cobbles on top and smaller ones beneath mixed with organics (Figure 41).
- Layer II (48-67cmbs) dark grayish brown (10YR 3/2) silt with approximately 50% gravel on undulating bedrock.

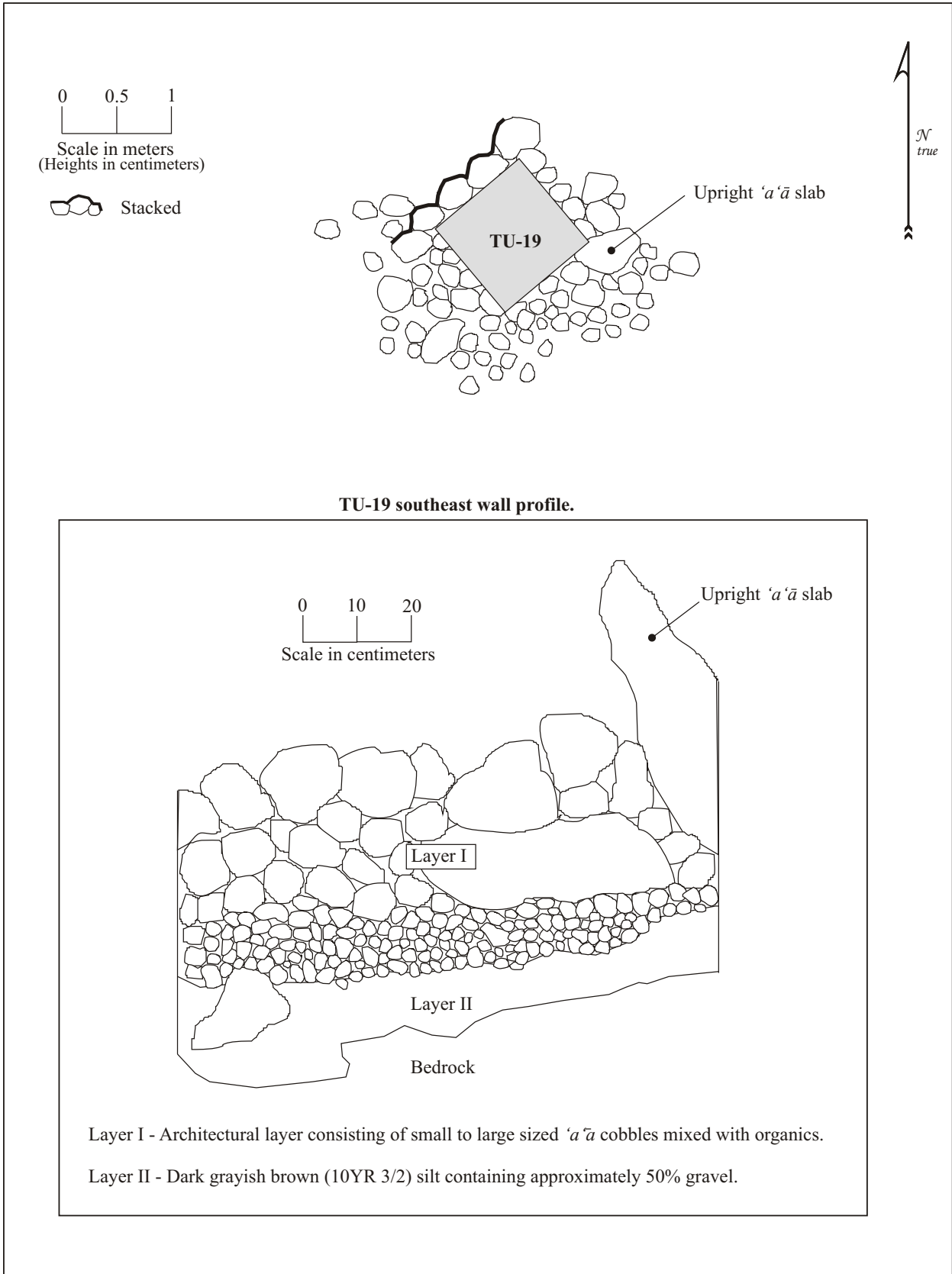


Figure 85. SIHP Site 23686 Feature 266 plan view and TU-19 profile.



Figure 86. SIHP Site 23686 Feature 266, view to the east.



Figure 87. SIHP Site 23686 Feature 266 TU-19 base of excavation, view to the northeast.

Feature 271

Feature 271 is a stacked ‘a’ā cobble mound located in the southeast quadrant of the project area along the southern property boundary amongst a number of less formal mounds (see Figure 76). The mound, which is roughly rectangular in shape, measures 2.9 meters long by 2.5 meters wide and stands up to 90 centimeters above the surrounding soil ground surface (Figures 88 and 89). An aluminum site tag with the inscription “PHRI Site T2235-10” was found on the surface of the feature and there was evidence that a 1 meter by 1

meter test unit had been previously excavated at Feature 271. A fragment of water-rounded coral was discovered along the eastern edge of the mound and three coconut husks were resting on its northeast corner.



Figure 89. SIHP Site 23686 Feature 271, view to the southeast.

A 1 x 1 meter test unit (TU-21) was excavated in the northeast corner of Feature 271 adjacent to the north edge of the previously excavated PHRI test unit (Figure 88). Excavation of TU-21 revealed a single architectural layer (Layer I) resting on bedrock. Layer I consisted of small to large sized 'a'ā cobbles mixed with organics 61 centimeters thick resting on bedrock. A small amount of soil (approximately 2 centimeters thick) had accumulated in the southwest corner of the unit on top of the bedrock subsequent to the construction of the feature. Excavation of TU-21 terminated at bedrock 61 centimeters below the feature's surface and no cultural material was recovered from Feature 271.

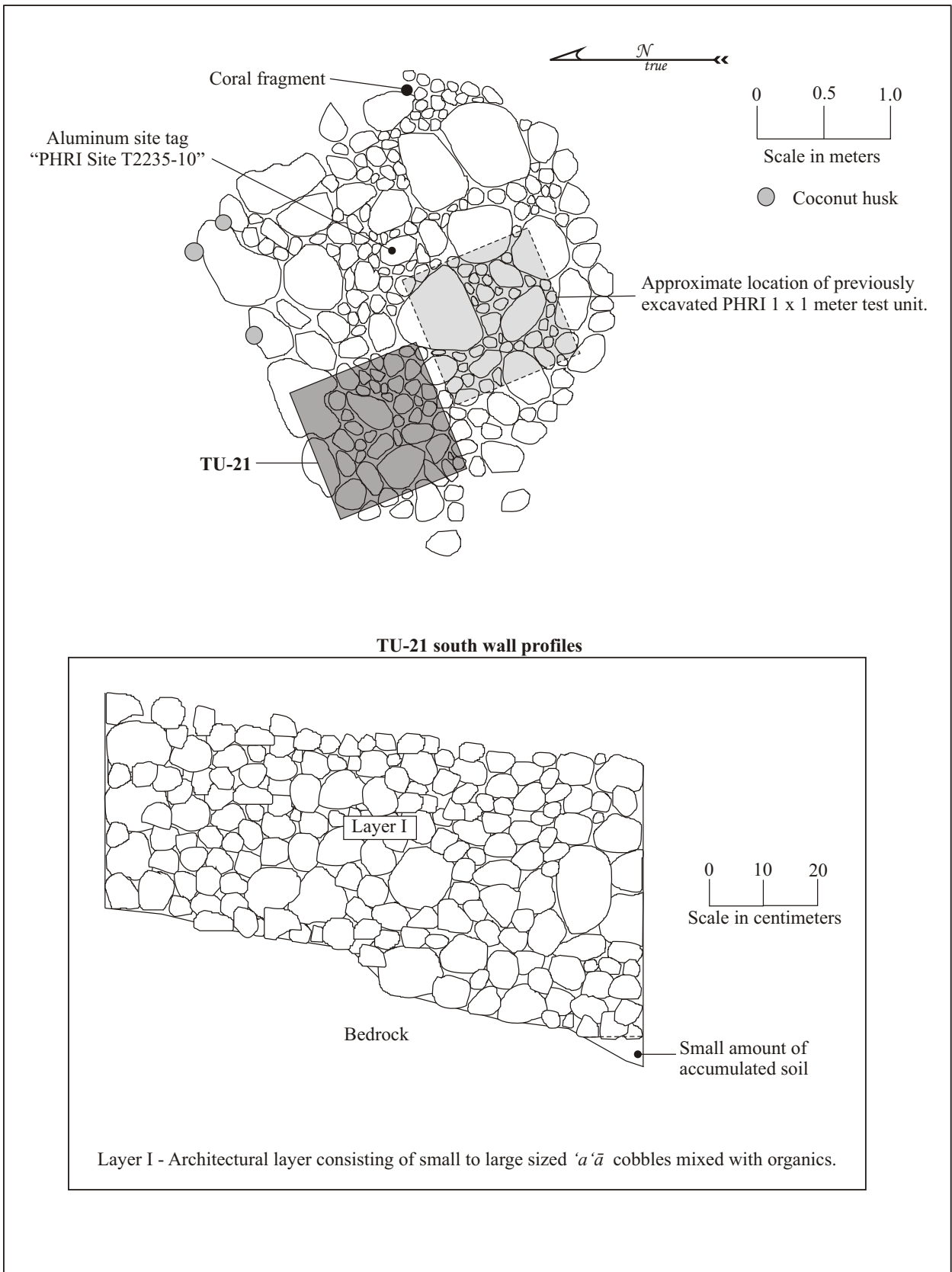


Figure 88. SIHP Site 23686 Feature 271 plan view and TU-21 profile.