

**Table 1.** Summary of archaeology and stratigraphy described from the Fahien rock shelter. Bold font indicates the contexts sampled for phytolith analysis.

Layers (Wijeyapala 1997)	Thickness (m)	Contexts	Archaeological phases	Litho-stratigraphy	Colour	Bio-stratigraphy	Cultural density
Bedrock	NA	95	I	NA	NA	NA	NA
NA	0.40	<b>92</b>	II	Consolidated clast-rich loam	Yellowish brown	Ashy habitation deposits ( <b>hearths</b> ), human bone, fragments of microlithic flakes	Relatively low
L5	0.15	90, <b>91</b> , 89	III	Moderately unconsolidated clast-rich loam	Pinkish grey to greyish brown	Ashy habitation deposits, charcoal, fragment of small mammals and human bones, burnt shells, hearths, microliths	Relatively high
L4		<b>89, 88, 87</b>	IV	Moderately unconsolidated clast-rich loam	Dark grey to brown	Ashy habitation deposits, charcoal, burnt shells, unburnt shell, human bones, <i>Canarium</i> nuts, microliths, red ochre, grindstones, postholes	High
NA	1.00	70	V				
L3		12/42/72	VI				
L3		<b>10, 11</b> , 38, 48, 50, 62, <b>81</b>	VI				
NA/Pit fill		<b>6</b> , 7, 51, <b>52,53, 68</b> , <b>86</b>	VII	Moderately unconsolidated loam		Charcoal rich habitation deposits, ashy, <i>Canarium</i> nuts, carnivore coprolites, bones, shells, unburnt shells, carnivores coprolites, wood, microliths. Fragmentary human skeleton found from the context 81, which has been directly dated to around 12,000 BP.	Relatively high
Re-worked	0.25	5, 26, <b>31, 32</b>	VIII		Brown		
L2	1.10	3, 4, 33, <b>44</b> , 49	IX	Moderately unconsolidated loam	Yellowish light brown to grey	Ashy habitation deposits, Charcoal, ash and shell rich habitation deposits, shell ash, red ochre coated human skull, red ochre, bones, unburnt shells, burnt shells, <i>Canarium</i> nuts, <i>Artocarpus</i> epicarps, graphite, microliths	High
L1	1.25	1, 2/8/9, 17, 18, 19, 20, 40	X	Moderately unconsolidated loam	Brown to reddish brown	Disturbed deposits, prehistoric occupation debris mixed with historical artefacts, animal burrows, shells, bones, <i>Canarium</i> nut	Low

**Table 2.** Chronology of the Fahien rock shelter.

Layers	Context (1986-2012 excavation)	Archaeological phase	Lab number	Lab age (BP)	$\delta^{13}\text{C}$	Calibrated dates BP (2 $\sigma$ )	Date range BC	Materials	Reference
Bedrock	95	I							Wijeyapala (1997)
	91/92	II	SUTL-2327 (OSL2)	39,300 $\pm$ 2,500	NA	Not applicable	Not applicable	Sediment	Kinnaird and Sanderson (2010)
	91/92	II	SUTL-2327 (OSL2 TL low De)	39,900 $\pm$ 2,300	NA	Not applicable	Not applicable		
			SUTL-2327 (OSL2 TL avr. De)	61,700 $\pm$ 12,400	NA	Not applicable	Not applicable		
	88/89	IV	SUTL-2326 (OSL1 High De)	22,000 $\pm$ 1,300	NA	Not applicable	Not applicable	Sediment	Kinnaird and Sanderson (2010)
	88/89	IV	SUTL-2326 (OSL1)	12,300 $\pm$ 600	NA	Not applicable	Not applicable		
	92	II	Beta-354918	43,030 $\pm$ 720	-27.0	44,952-47,854	45,905-43,003	Charred	Perera (2015)
	91	III	Beta-354920	34,610 $\pm$ 320	-25.7	38,477-39,852	37,903-36,528	Charred	Perera (2015)
L5	91	III	Beta-33294	33,070 $\pm$ 630	NA	35,768-38,716	36,767-33,819	Charcoal	Wijeyapala (1997)
	91	III	Beta-354914	32,890 $\pm$ 240	-26.9	36,263-37,844	35,895-34,314	Charred	Perera (2015)
	88	IV	Beta-33296	32,060 $\pm$ 630	NA	34,688-37,753	35,804-32,739	Charcoal	Wijeyapala (1997)
L4	87	IV	Beta-33299	30,060 $\pm$ 290	NA	33,674-34,644	32,695-31,725	Charcoal	Wijeyapala (1997)
	87	IV	Beta-33295	24,470 $\pm$ 290	NA	27,860-29,089	27,140-25,911	Charcoal	Wijeyapala (1997)
NA	81	VI	UBA-19332	10,402 $\pm$ 45	-12.3	12,071-12,426	10,477-10,122	Freshwater shell	This paper
NA	81	VI	UBA-19331	10,344 $\pm$ 52	-29.7	11,991-12,402	10,453-10,042	Charred wood	This paper
NA	81	VI	Beta-354919	10,440 $\pm$ 40	-28.3	12,121-12,445	10,496-10,172	Charred	Perera (2015)
NA	81	VI	Beta-354921	10,390 $\pm$ 40	-29.1	12,064-12,418	10,469-10,115	Charred	Perera (2015)
NA	81	VI	Beta-354912	10,430 $\pm$ 40	-29.2	12,460-12,526	10,488-10,157	Charred	Perera (2015)
NA	81	VI	Beta-354911	10,340 $\pm$ 40	-31.0	12,258-12,388	10,304-10,059	Charred	Perera (2015)
NA	81	VI	Beta-354910	10,350 $\pm$ 40	-27.1	12,025-12,391	10,442-10,076	Charred	Perera (2015)
NA	81	VI	Beta-354913	10,290 $\pm$ 40	-27.6	11,936-12,239	10,290-9,987	Charred	Perera (2015)
NA	81	VI	Beta-354909	7,720 $\pm$ 40	-27.1	8,423-8,581	6,632-6,474	Charred	Perera (2015)
L3	12/42/72	VI	Beat-33293	6,850 $\pm$ 80	NA	7,906-7,915	5,904-5,621	Charcoal	Wijeyapala (1997)
L3	12/42/72	VI	Beta-33298	7,100 $\pm$ 60	NA	7,817-8,019	6,070-5,868	Charcoal	Wijeyapala (1997)
NA	6	VII	Beta-354908	6,970 $\pm$ 30	-28.5	7,706-7,865	5,916-5,757	Charred	Perera (2015)
NA	51	VII	Beta-354916	6,920 $\pm$ 40	-31.5	7,674-7,838	5,889-5,725	Charred	Perera (2015)
NA	52	VII	Beta-355793	7,240 $\pm$ 40	-28.9	7,978-8,162	6,213-6,029	Charred	Perera (2015)
NA	53	VII	Beta-354917	6,900 $\pm$ 40	-33.8	7,665-7,829	5,880-5,716	Charred	Perera (2015)
L3	11	VI	UBA-19329	5,319 $\pm$ 32	-29.3	5,994-6,194	4,245-4,045	Charred wood	This paper
L2	48	VI	Beta-33297	4,750 $\pm$ 60	NA	5,441-5,593	3,6441-3,492	Charcoal	Wijeyapala (1997)
L2	48	VI	Beta-354907	4,820 $\pm$ 30	-27.6	5,475-5,547	3,598-3,526	Charred	Perera (2015)
L2	44	IX	UBA-19330	3,619 $\pm$ 28	-29.9	3,845-3,985	2,036-1,896	<i>Canarium zeylanicum</i> nut	cf. This paper
L1		X	NA	NA	NA	Historic	Historic		Perera (2015)

Table 3. Morphological differences of volcaniforms between wild and domesticated banana.

<b>Wild banana volcaniform</b>	<b>Domesticated banana volcaniform</b>
Crater length is smaller than 8.22 $\mu\text{m}$	Crater length is larger than 8.22 $\mu\text{m}$
Basal length is smaller than 21.24 $\mu\text{m}$	Basal length is larger than 21.24 $\mu\text{m}$
V2, V7 variants are absent	V2, V4, V7, V8 variants are present
Protuberances rarely occur on V3	Protuberances commonly occur on V3
Psilate to granulate pattern is commonly found.	Granulate to verrucate pattern is found in moderate level