The stratigraphy and sedimentology of the Waindalithi Conglomerate of northeast Viti Levu, Fiji: hyperconcentrated flows and Pliocene environmental history

S. J. GALE^{1*} AND B. RAO²

¹Department of Archaeology, The University of Sydney, Sydney, NSW 2006,
Australia.

²School of Geography, Earth Science and Environment, The University of the South
Pacific, Suva, Fiji.

*Corresponding author: sgal8292@uni.sydney.edu.au

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Table 1 Waindalithi Conglomerate Site WC1a: % by number of lithological types as a
function of particle size.

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Table 4 Waindalithi Conglomerate Site WC3a: % by number of lithological types as a
function of particle size.

Table 1 Waindalithi Conglomerate Site WC1a: % by number of lithological types as a function of particle size.

	Particle size (mm)										
	4.0– 4.8	4.8– 5.7	5.7– 6.7	6.7– 8.0	8.0– 9.5	9.5– 11.3	11.3– 13.5	13.5– 16.0	16.0– 19.0	19.0– 22.6	22.6– 26.9
Augite basalts of the Mba Volcanic Group	92.0	89.1	85.0	89.1	87.0	88.5	89.9	91.8	87.3	88.9	88.6
Weathered and zeolite basalts of the Mba Volcanic Group	2.1	2.1	3.6	2.8	4.0	3.5	1.2	2.1	3.9	0.0	0.0
Basalts of the Wainimala Group	1.6	2.0	5.2	4.7	4.1	2.8	2.8	2.1	2.0	4.6	2.5
Andesites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
Dacite tuffs of the Lawalevu Sandstone	3.2	4.7	6.2	3.5	4.9	5.3	6.1	3.9	6.9	6.5	3.8
Sandstone intraclasts	1.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n	2640	1569	1035	833	675	400	326	282	102	108	79

Table 2 Waindalithi Conglomerate Site WC1b: % by number of lithological types as a function of particle size.

	Particle size (mm)				
	4.0–5.7	5.7–8.0	8.0–11.3	11.3–16.0	16.0–22.6
Augite basalts of the Mba Volcanic Group	2.4	8.4	2.1	2.1	2.3
Basalts of the Wainimala Group	74.1	57.0	67.8	62.8	62.8
Dacite tuffs of the Lawalevu Sandstone	21.8	32.7	26.0	29.8	25.6
Limestones	1.0	1.9	1.7	4.3	0.0
Sandstone intraclasts	0.7	0.0	2.1	1.1	9.3
Diorites	0.0	0.0	0.4	0.0	0.0
n	413	107	242	94	43

Table 3 Waindalithi Conglomerate Site WC2: % by number of lithological types as a function of particle size.

	Particle size (mm)			
	8.0–11.3	11.3–16.0	16.0–22.6	22.6–32.0
Augite basalts of the Mba Volcanic Group	64.0	45.9	37.3	43.6
Weathered and zeolite basalts of the Mba Volcanic Group	14.7	19.6	25.4	14.5
Basalts of the Wainimala Group	14.0	12.1	5.6	7.3
Andesites	4.4	17.8	26.8	30.9
Dacite tuffs of the Lawalevu Sandstone	2.9	2.8	0.7	1.8
Sandstone	0.0	1.8	4.2	1.8
<i>n</i>	408	281	142	55

Table 4 Waindalithi Conglomerate Site WC3a: % by number of lithological types as a function of particle size.

	Particle size (mm)							
	5.7–8.0	8.0–11.3	11.3–16.0	16.0–22.6	22.6–32.0	32.0–45.3	45.3–64.0	64.0–90.5
Augite basalts of the Mba Volcanic Group	48.3	47.5	68.8	74.2	87.5	81.3	83.3	84.6
Weathered and zeolite basalts of the Mba Volcanic Group	3.4	16.4	12.5	17.7	12.5	18.8	16.7	15.4
Dacite tuffs of the Lawalevu Sandstone	44.8	36.1	15.6	8.1	0.0	0.0	0.0	0.0
Other	3.4	0.0	3.1	0.0	0.0	0.0	0.0	0.0
<i>n</i>	29	61	32	62	40	32	18	13