Table 2.4: Possible sources of calcite found in Kahoolawe sediments using X-ray diffraction analysis based on mole % Mg content.

Station	Fraction	Mole % Mg	Foraminiferans	Echinoids	Asteroids	Ophiuroids	Bryozoans	Brachiopods	Annelid worms	Bivalves	Gastropods	Crustaceans	Calcareous algae
SM10	silt	0.81				X	X	X		X	X		
		14.1	X	X	X				X			X	X
	fine sand	3.25	X			X	X			X		X	
		16.48	X	X	X				X			X	X
	coarse sand	3.33	X			X	X	X		X		X	
		5.92	X	X		X	X	X				X	
		15.88	X	X	X				X			X	X
SM3	silt	3.46	X			X	X	X		X		X	
		14.98	X	X	X				X			X	X
	fine sand	2.87	X			X	X	X		X		X	
		15.44	X	X	X				X			X	X
	coarse sand	7.31	X	X		X	X	X	X			X	
		14.4	X	X		X	X	X	X			X	
		18.06	X	X	X				X			X	X
		23.91											X
TW10	silt	1.45	X			X	X	X		X	X	X	
		5.68	X	X		X	X	X				X	
		12.86	X	X	X	X	X		X			X	X
		16	X	X	X				X			X	X
		21.31											X
	fine sand	3.91	X			X	X	X				X	
		17.3	X	X	X				X			X	X
	coarse sand	4.86	X	X		X	X	X				X	
		13.34	X	X	X				X			X	X
		16.03	X	X	X				X			X	X
		18.4	X	X	X				X			X	X
TW3	silt	0											

Table 2.4: con't

	fine sand	2.97	X			X	X	X		X	X	
		16.39	X	X	X				X		X	X
	coarse sand	3.49	X			X	X	X		X	X	
		13.7	X	X	X				X		X	X
		17.14	X	X	X				X		X	X
OP10	silt	3.11	X			X	X			X	X	
		11.05	X	X	X	X	X	X	X		X	X
		14.18	X	X	X				X		X	X
		17.17	X	X	X				X		X	X
OP10	fine sand	2.64	X			X	X	X		X	X	
		16.01	X	X	X				X		X	X
	coarse sand	5.36	X	X		X	X	X			X	
		15.94	X	X	X				X		X	X
OP3	silt	3.38	X			X	X	X		X	X	
		12.03	X	X	X	X	X		X		X	X
		14.9	X	X	X				X		X	X
		18	X	X	X				X		X	X
	fine sand	14.9	X	X	X				X		X	X
		16.72	X	X	X				X		X	X
	coarse sand	5.06	X	X		X	X	X			X	
		16.26	X	X	X				X		X	X
		18.99	X	X	X				X		X	X
KUS	silt	0										
	fine sand	0										

Table 2. 4. con't

	Coarse sand	4.54	X			X	X				X	
		14.33	X	X	X				X		X	X
WA10	silt	12	X	X	X	X	X		X		X	X
		14.3	X	X	X				X		X	X
		17.42	X	X	X				X		X	X

		21.13									X
	fine sand	0									
	coarse sand	16	X	X	X				X	X	X
		18.48	X	X	X				X	X	X
WA3	silt	14.93	X	X	X				X	X	X
		17.46	X	X	X				X	X	X
	fine sand	13.6	X	X	X				X	X	X
		16.64	X	X	X				X	X	X
		19.58							X		X
	coarse sand	16.37	X	X	X				X	X	X
		18.24	X	X	X				X	X	X
		20.94									X
HK10	silt	0									
	fine sand	0									
	coarse sand	15.8	X	X	X				X	X	X
		18.29	X	X	X				X	X	X
		20.93									X
BC10	silt	13.64	X	X	X				X	X	X
		15.86	X	X	X				X	X	X
		18.5	X	X	X				X	X	X
	fine sand	12.4	X	X	X	X	X		X	X	X
Table 2.4 con't.											
	fine sand	15.21	X	X	X				X	X	X
		19.24							X		X
	coarse sand	4.08	X			X	X	X		X	
		12.34	X	X	X	X	X		X	X	X
		15.36	X	X	X				X	X	X
BC3	Silt	10.45	X	X		X	X	X	X	X	X
		13.53	X	X	X				X	X	X
		17.65	X	X	X				X	X	X
	fine sand	14.39	X	X	X				X	X	X

		18.79	X	X	X				X		X	X
	coarse sand	10.37	X	X		X	X	X	X		X	X
		15.89	X	X	X				X		X	X
KM10	silt	0										
	fine sand	4.56	X			X	X	X			X	
		14.22	X	X	X				X		X	X
	coarse sand	9.02	X	X		X	X	X	X		X	X
		16.22	X	X	X				X		X	X
KM3	Silt	0										
	fine sand	0										
	coarse sand	0										