

Data Repository item 2003095

TABLE DR1. POINT-COUNT DATA OF PRIMARY AND SECONDARY FRAMEWORK PARAMETERS FOR 20 CRETACEOUS FOREARC-SANDSTONE SAMPLES FROM NORTHWESTERN COSTA RICA

Sample	Primary Parameters					Secondary Parameters					
	Qm	Qp	F	Lvm	Lsm	Lp+iQF	rC	Px	uralPx*	Hbl	Bt
Calle Codornices sandstones											
BB-14/1	19	47	90	225	21	16	19	40	9	1	1
BB-14/2	24	57	92	255	28	15	26	52	3	0	0
BB-14/4	9	40	64	284	35	18	13	39	5	0	0
BB-14/4a	11	76	53	382	13	24	25	49	12	0	0
BB-14/7	28	63	36	301	15	34	31	44	25	0	0
La Tigra sandstones											
LT-1/1	13	15	125	269	8	24	12	37	22	0	0
LT-1/4	14	11	129	243	14	15	9	30	15	0	1
LT-1/5	26	52	53	286	10	21	42	26	8	0	0
LT-2/2	6	11	53	328	9	3	8	3	0	11	0
LT-2/6	25	20	51	302	31	12	18	15	0	0	0
LT-4/1	15	40	60	280	20	1	35	10	0	5	0
LT-4/1a	18	11	103	267	23	2	8	7	0	0	0
Quebrada Pilas sandstones											
BB-4/1b	26	129	226	92	47	6	70	7	0	13	1
BB-4/2b	22	111	201	128	71	3	57	32	0	28	0
BB-4/5b	24	140	154	166	57	0	75	2	0	4	0
BB-4/1a	18	138	300	159	35	1	129	14	0	20	1
BB-4/2a	8	182	385	143	34	2	163	45	0	26	0
BB-4/5a	15	194	266	171	40	5	149	4	0	7	2
BB-4/6b	26	32	400	73	9	0	22	2	0	37	1
BB-4/6a	20	35	408	56	11	2	31	4	0	28	0

Note: * Counted unalitized pyroxene grains of additional 100 point-counts for total pyroxene

TABLE DR2. RECALCULATED MODAL VALUES OF PRIMARY DETRITAL PARAMETERS FOR TWENTY FOREARC SANDSTONES OF EL VIEJO AND RIVAS FORMATIONS (UPPER CRETACEOUS) FROM NORTHWESTERN COSTA RICA

Sandstone Suite	Calle Codornices	La Tigra	Quebrada Pilas*	
n	5	7	8	
<u>QFL%</u>				
Q	16±4	9±5	23±8	9±5
F	15±6	20±8	50±16	50±16
L	69±6	71±7	27±9	41±13
<u>QpLvmLsm%</u>				
Qp	16±2	7±5	41±7	11±7
Lvm	78±2	88±5	46±9	46±9
Lsm	6±3	5±2	13±5	43±8

Notes: *in data set right, counts for radiolarian chert fragments (rC) were alternatively added to the lithic fragment populations L and Lsm, respectively

± standard deviation of mean values, plotted on ternary diagrams of Figure 3

n number of samples