

SUPPLEMENTAL DATA_02: Summary of raw point-count data

Northern New Mexico - Jemez Mtns. (Guadalupe River) and Sangre de Cristo Mtns. (Taos Trough)																				
Sample	Formation	Qm	Qp	C	P	K	Ls	Lsm	Lss	Lslm	Lsl	Lm	Lmp	Lms	Lmq	Lmg	Lv	M	D	Cal.
ABO-Jemez-01a	Abo	125	62	0	91	83	0	0	0	0	0	2	1	0	0	1	2	7	0	28
ABO-Jemez-01b	Abo	109	83	0	68	85	0	0	0	0	0	0	0	0	0	0	4	0	0	51
ABO-Jemez-01c	Abo	133	49	0	88	118	0	0	0	0	0	3	1	0	0	2	4	4	0	1
ABO-Jemez-01d	Abo	159	54	0	49	93	0	0	0	0	0	0	0	0	0	0	0	0	0	45
ABO-Jemez-01e	Abo	195	44	0	33	62	0	0	0	0	0	1	0	0	1	0	0	0	0	65
SDC-Taos-02a	Sangre de Cristo	160	5	0	217	1	0	0	0	0	0	2	2	0	0	0	1	12	0	2
SDC-Taos-02b	Sangre de Cristo	199	7	0	120	64	6	0	0	6	0	2	0	0	0	2	0	1	1	0
Central New Mexico - Zuni Mtns. (southeast) and Manzano Mtns. (Abo Pass)																				
Sample	Formation	Qm	Qp	C	P	K	Ls	Lsm	Lss	Lslm	Lsl	Lm	Lmp	Lms	Lmq	Lmg	Lv	M	D	Cal.
ABO-Zuni-01a	Abo	134	34	0	167	48	0	0	0	0	0	2	0	0	0	2	4	11	0	0
ABO-Zuni-01b	Abo	216	4	0	158	10	0	0	0	0	0	0	0	0	0	0	0	12	0	0
ABO-Zuni-01c	Abo	148	29	0	142	66	0	0	0	0	0	2	0	0	1	1	3	10	0	0
ABO-Manz-01	Abo	204	1	0	171	0	14	0	0	14	0	0	0	0	0	0	0	1	0	9
Southern New Mexico - Robledo Mtns. (Prehistoric Trackways), Doña Ana Mtns. (Lucero Arroyo), and Sacramento Mtns. (La Luz Canyon)																				
Sample	Formation	Qm	Qp	C	P	K	Ls	Lsm	Lss	Lslm	Lsl	Lm	Lmp	Lms	Lmq	Lmq	Lv	M	D	Cal.
HUE-Rob-01	Hueco	290	79	0	14	0	7	5	0	2	0	0	0	0	0	0	0	2	0	8
HUE-Doña-01	Hueco	221	5	0	168	0	1	0	0	1	0	2	0	1	0	1	0	3	0	0
ABO-Sac-03a	Abo	270	62	0	49	10	5	3	2	0	0	0	0	0	0	0	2	0	0	2
ABO-Sac-03b	Abo	167	35	0	178	1	17	15	2	0	0	0	0	0	0	0	1	0	0	1
ABO-Sac-03c	Abo	107	38	0	224	1	27	12	0	15	0	0	0	0	0	0	0	0	0	3

* M=Mica grains, D=Dense mineral grains, Cal.=Calcite grains