Appendix 5. Clast count data from Pliocene sedimentary deposits

Site:	J1		J78B		J19		J72		J16J		J82		J84		J44D		GTM-756		A-68		GTM-752a		GTM-752b		A-58		J46f		A-52		A-54		TJ-7		ELF-lower^		ELF-middle^	
Petrofacies:	Tsun		Tsus		Tsun		Tsus		Tsus		Tsus		Tsus		Tsus		Tsui		Tsl		Tsl		Tsui		Tsl		Tslbg		Tslbg		Tsl		Tsui					
	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%	count	%
Quartzite	15	14%	8	8%	9	8%	16	15%	14	13%	25	25%	22	22%	23	25%	9	9%	14	17%	16	13%	14	14%	10	19%	60	61%	70	49%	46	38%	21	21%	70	48%		11%
Tertiary intermediate volcanic	10	9%	4	4%	16	15%	6	6%	10	9%	4	4%	7	7%	2	2%	6	6%	5	6%	14	12%	4	4%	4	8%	3	3%	10	7%	7	6%	16	16%	6	4%		incl w/ felsic
Tertiray felsic volcanic	42	38%	8	8%	70	65%	20	19%	31	28%	15	15%	16	16%	30	33%	50	53%	14	17%	34	29%	59	59%	10	19%	13	13%	21	15%	34	28%	45	45%	14	10%		58%
Paleozic sedimentary	0	0%	49	49%	0	0%	47	44%	24	21%	23	23%	28	28%	10	11%	3	3%	16	20%	24	20%	1	1%	4	8%	1	1%	14	10%	5	4%	0	0%	10	7%		0
Vein quartz	8	7%	2	2%	4	4%	2	2%	4	4%	4	4%	3	3%	0	0%	4	4%	6	7%	3	3%	4	4%	2	4%	0	0%	0	0%	12	10%	7	7%	10	7%		14%
Proterozoic amphibolite	5	5%	0	0%	0	0%	1	1%	2	2%	5	5%	5	5%	2	2%	1	1%	1	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		0%		0
Pilar slate	0	0%	0	0%	0	0%	0	0%	trace	trace	0	0%	1	1%	0	0%	0	0%	0	0%	3	3%		0%	0	0%	16	16%	8	6%	1	1%	1	1%	23	16%		13%
Granitic	16	14%	24	24%	5	5%	15	14%	27	24%	22	22%	16	16%	23	25%	9	9%	10	12%	12	10%	6	6%	11	21%	5	5%	3	2%	6	5%	4	4%	6	4%		4%
Sevilleta Basalt	9	8%	5	5%	2	2%	0	0%	0	0%	0	0%	0	0%	1	1%	10	11%	0	0%	9	8%	12	12%	0	0%	0	0%	0	0%	6	5%	5	5%	4	3%		0
Proterozoic schist	3	3%	0	0%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5	6%	0	0%	0	0%	6	11%	0	0%	7	5%	0	0%	0	0%	1	1%		0
Epidote	2	2%	0	0%	0	0%	1	1%	0	0%	2	2%	2	2%	1	1%	2	2%	0	0%	2	2%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%		0
Gabbro	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%	1	1%	4	5%	trace	trace	0	0%	2	4%	0	0%	0	0%	0	0%	1	1%	0	0%		0
Other	1	1%		0%	0	0%	0	0	0	0%	0	0%	0	0%	0	0%	1 un-i.d	1%	3	4%	0	0%	0	0%	1	2%	0	0%	3	2%	1	1%	0	0%	0	0%		
Qtz-porphyry*																			4	5%					3	6%			6	4%	4	3%	tr		3	2%		
Total clasts counted:	111		100		108		108		112		101		100		92		95		82		119		100		53		99		142		122		100		147			
Comments	Other = carb nodule		Basal 1-2 m : 2 Pz sltst, 1 lm				6 Pz sltst		well-rnded pea gravel				1 Pz lm		1 lm, 2 sltst						21 Pz ss, 3 Pz sltst		1.7-1.8 m above base				sillimanite in qtzite?								3 oliv basalt 3 Amalia Tuff		Int volc are included w/ felsic volcanics	
Easting (m)**	419560		419390		419924		419716		419867		419853		419954		419633		419367		419347		419281		419295		418842		418462		418285		418375		417913		417391		417388	
Northing (m)**	4022316		4022042		4020992		4020032		4019893		4018329		4017130		4017007		4015310		4015182		4015125		4015138		4013652		4013407		4013270		4013237		4012972		4011344		4011357	

Notes

* This clast type was subsumed into "Tertiary felsic volcanics" where shaded.

** These are UTM coordinates in NAD83 (zone 13)

^ ELF = Embudo local fauna site