Table I for GSA Data Repository. Fission track data from the Los Cabos block, Baja California Sur, Mexico.

Sample no.	Location Longitude -W / Latitude-N	Elevation (m)	Lithology	Mineral	Number of grains	Standard track density ($x10^6$ cm^{-2})	Fossil track density ($x10^6 cm^{-2}$)	Induced track density ($x10^6 cm^{-2}$)	Uranium content (ppm)	Chi square probability%	Age dispersion %	*Fission track age (Ma) (± 1 σ)	Mean track length ± st. error (μm)	Std. dev. (μm)
West side														
169	110.182442 / 24.07465	465	granite	apatite	29	1.279 (4470)	0.252 (375)	1.275 (1897)	11	23.1	19.01	48 ± 3	12.74 ± 0.21 (74)	1.81
169	110.182442 / 24.07465	465	granite	zircon	16	0.459 (2559)	7.559 (2504)	3.493 (1157)	305	14.8	8.63	63 ± 3	-	-
169	110.182442 / 24.07465	465	granite	zircon	12	0.465 (2559)	6.212 (1701)	2.958 (810)	254	43.3	2.42	62 ± 3	-	-
176	110.157131 / 23.913291	480	granite	apatite	25	1.298 (4470)	0.319 (309)	1.490 (1446)	14	98.6	0.00	53 ± 4	12.88 ± 0.20 (65)	1.58
176	110.157131 / 23.913291	480	granite	zircon	9	0.472 (2559)	4.953 (955)	2.412 (465)	204	90.5	0.00	61 ± 4	-	-
189	110.204705 / 24.14901	200	granite	apatite	23	1.377 (4470)	0.192 (245)	0.192 (1220)	9	99.5	0.04	53 ± 4	13.02 ± 0.24 (61)	1.88
189	110.204705 / 24.14901	200	granite	zircon	17	0.499 (2559)	6.448 (3335)	3.277 (1695)	262	1.8	10.99	63 ± 3	-	-
East side														
185	109.797131 / 23.219417	240	migmatite	apatite	18	1.318 (4470)	0.146 (110)	3.826 (2887)	32	99.9	0.00	10 ± 1	13.93 ± 0.59 (12)	1.46
186	109.797628 / 23.468255	205	granite	apatite	21	1.338 (4470)	0.059 (66)	1.634 (1839)	15	84.6	0.02	9 ± 1	13.69 ± 0.45 (12)	1.54
186	109.797628 / 23.468255	205	granite	zircon	14	0.479 (2559)	7.067 (1935)	5.047 (1382)	421	8.0	8.49	43 ± 2	-	-
188	109.814045 / 23.733285	280	tonalite	apatite	23	1.358 (4470)	0.114 (99)	3.011 (2625)	28	43.0	1.70	10 ± 1	14.02 ± 0.37 (28)	1.94
188	109.814045 / 23.733285	280	tonalite	zircon	16	0.486 (2559)	9.576 (2327)	6.387 (1552)	526	14.8	7.53	46 ± 2	-	-
188	109.814045 / 23.733285	280	tonalite	zircon	14	0.493 (2559)	9.916 (2323)	7.107 (1665)	577	66.6	0.52	44 ± 2	-	-

Brackets show number of tracks counted or measured. Standard and induced track densities measured on external mica detectors (g= 0.5) and fossil track densities on internal mica surfaces.
**Ages are pooled ages, but central age is used when the chi-square test fails at <5%. All ages determined by BPK. apatites calculated using zeta = 383.5 for dosimeter glass Corning-5, zircons calculated using zeta = 127.1 for dosimeter glass Corning-1.*
Central age used when χ^2 test fails at <5%.

Westside

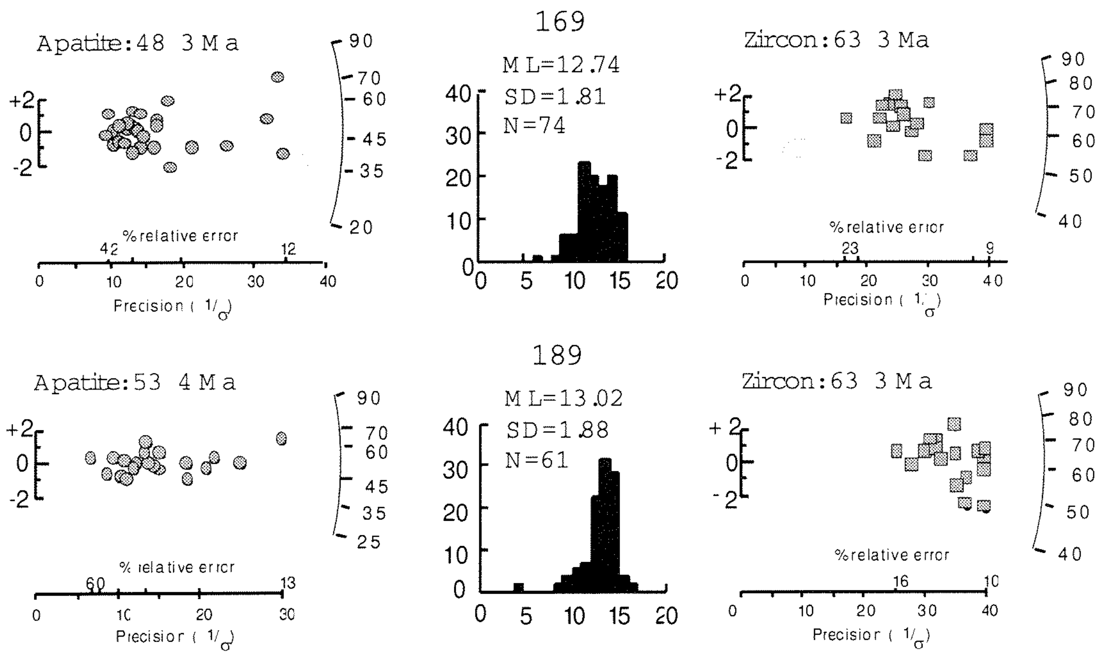

Figure Ia for GSA Data Repository. Representative apatite (AFT) and zircon fission-track (ZFT) data from rocks exposed in the western Los Cabos block. For each sample the following is shown: AFT or ZFT ages (in Ma ± 1σ), AFT track length data in middle graph, ML = mean confined track length (μm), SD = standard deviation of track-length distribution (μm), N = number of confined track lengths determined in sample. Radial plots showing single apatite and zircon grain-age results are also shown for samples. In these plots the slope of a straight line from the origin (0) is equivalent to the fission track age read off radially around the perimeter of the plot on a logarithmic scale. The value read along the x-axis is a measure of the precision of each grain age, the further a grain plots to the right, the more precise its individual grain age. If all grains belong to a single age population then they should scatter within the ± 2σ age range shown on the y-axis (see also Galbraith, 1990).

Galbraith, R.F., 1990, The radial plot: Graphical assessment of spread in ages: Nucl. Tracks Radiat. Meas., v. 17, p. 207-214.

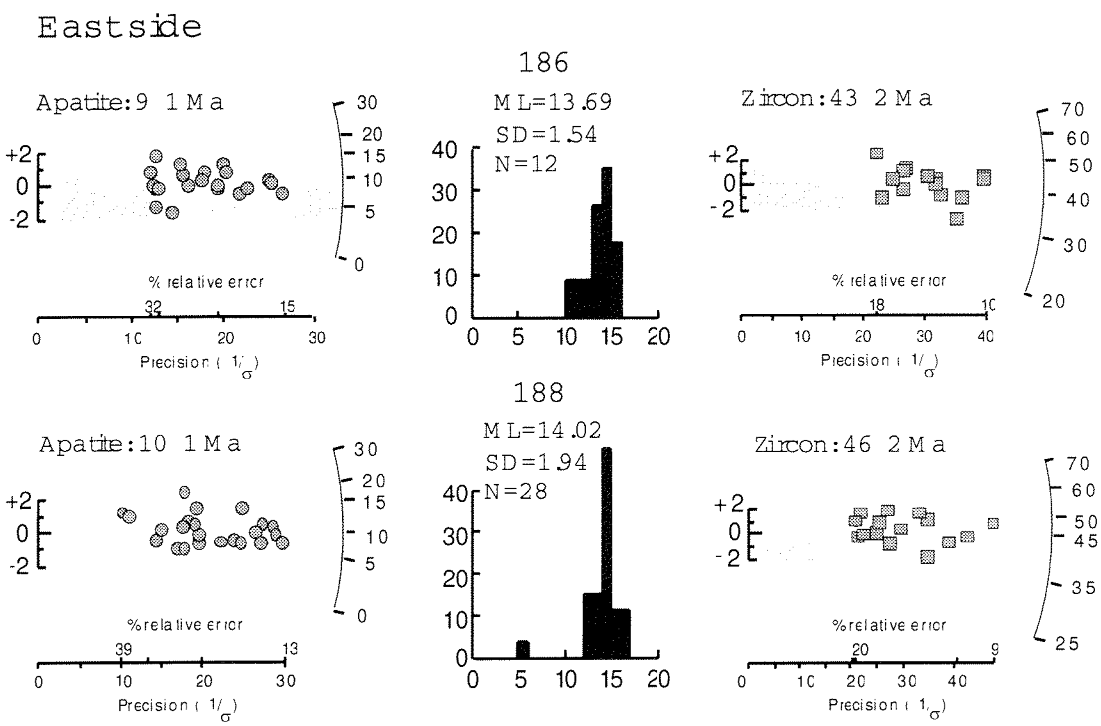

Figure Ib for GSA Data Repository. Representative apatite (AFT) and zircon fission-track (ZFT) data from rocks exposed in the eastern Los Cabos block. Same format as described for Figure Ia.