Table DR-1. SHRIMP-RG U-Th-Pb analytical data for zircon of the eclogite block-in-matrix in the Banded Gneiss Formation (Cabo Ortegal Complex, NW Iberia).

Spot number and description[a]		Common ^{206}Pb (%)[b]	U (ppm)	Th (ppm)	Th/U	^{207}Pb corrected		Uncorrected ratios	
						^{206}Pb/^{238}U age	^{206}Pb*/^{238}U[c]	^{238}U/^{206}Pb	^{207}Pb/^{206}Pb
COZ-4: Eclogite block-in-matrix in the Banded Gneiss Formation. UTM: 0591082, 4842464, 2.									
1	s	0.94	48	6	0.14	384.3 ± 4.4	0.0614 ± 0.0007	16.13 ± 1.1	0.0619 ± 3.7
2.1	c,o	0.22	538	158	0.30	389.9 ± 1.6	0.0624 ± 0.0003	16.00 ± 0.4	0.0563 ± 1.2
2.2	r,h	0.48	1182	436	0.38	368.5 ± 1.2	0.0588 ± 0.0002	16.92 ± 0.3	0.0578 ± 1.0
3.1	c,mv	3.55	10	5	0.50	474.4 ± 11.2	0.0764 ± 0.0019	12.63 ± 2.3	0.0854 ± 6.1
3.2	r,sb	6.21	8	0	0.00	361.2 ± 11.5	0.0576 ± 0.0019	16.27 ± 3.0	0.1038 ± 7.8
4	s	0.50	116	14	0.13	383.8 ± 3.0	0.0614 ± 0.0005	16.22 ± 0.8	0.0583 ± 2.5
5	s	0.19	87	15	0.18	383.2 ± 3.3	0.0612 ± 0.0005	16.30 ± 0.8	0.0558 ± 2.9
6	o	0.28	266	76	0.29	391.1 ± 2.3	0.0625 ± 0.0004	15.94 ± 0.6	0.0567 ± 1.7
7	s	0.32	165	33	0.20	381.7 ± 2.7	0.0610 ± 0.0004	16.34 ± 0.7	0.0568 ± 2.0
8	o	-0.08	1297	93	0.07	398.8 ± 1.1	0.0638 ± 0.0002	15.68 ± 0.3	0.0540 ± 0.8
9	o	0.14	983	281	0.30	391.5 ± 1.0	0.0626 ± 0.0002	15.95 ± 0.3	0.0556 ± 0.9
10	s	0.19	385	196	0.52	388.0 ± 1.9	0.0620 ± 0.0003	16.09 ± 0.5	0.0559 ± 1.4
11	o	0.05	250	29	0.12	403.1 ± 2.1	0.0645 ± 0.0003	15.49 ± 0.5	0.0552 ± 1.8
12	sb	0.70	65	13	0.20	401.1 ± 4.0	0.0642 ± 0.0007	15.47 ± 1.0	0.0604 ± 3.2
13	o	0.09	346	115	0.34	399.2 ± 1.7	0.0639 ± 0.0003	15.64 ± 0.4	0.0554 ± 1.5
14	o	0.18	108	16	0.15	391.6 ± 3.0	0.0626 ± 0.0005	15.94 ± 0.7	0.0560 ± 2.5
15	o	0.10	681	256	0.39	389.7 ± 1.3	0.0623 ± 0.0002	16.03 ± 0.3	0.0553 ± 1.0
16.1	c,o	0.70	65	9	0.14	394.3 ± 4.0	0.0631 ± 0.0007	15.74 ± 1.0	0.0602 ± 3.8
16.2	r,s	0.22	221	52	0.24	384.1 ± 2.2	0.0614 ± 0.0004	16.25 ± 0.6	0.0561 ± 1.9
17	d	0.13	105	36	0.35	388.8 ± 3.0	0.0622 ± 0.0005	16.06 ± 0.8	0.0555 ± 2.6

All errors are 1σ.

[a] Zircon characterization: c=core; d=domainal; h=homogeneous; mv=microveining; o=oscillatory; r=rim; s=sector; sb= soccer-ball.

[b] Negative values denote reversely discordant analyses.

[c] Pb* denotes radiogenic lead

Table DR-2. U, Th, REE and Hf zircon compositional data for the eclogite sample.

Spot number and description		Th	U	Hf	Th/U	Chondrite-normalized values La	Ce	Pr_{calc}	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Age
COZ-4: Eclogite block-in-matrix in the Banded Gneiss Formation. UTM: 0591082, 4842464, 2.																				
1	s	12	78	9466	0.15	0.024	5.8	0.34	1.27	10.4	25	55	67	68	60	59	56	55	57	384 ± 4.4
4.2	s	15	113	9340	0.13	0.023	7.5	0.21	0.65	6.3	17	41	58	62	62	56	52	52	46	384 ± 3.0
5.1	o+s	11	70	8917	0.16	0.014	6.3	0.28	1.24	10.0	24	59	63	64	58	54	52	55	58	383 ± 3.3
7	s	34	136	8807	0.25	0.078	8.2	0.72	2.18	16.3	37	94	120	130	126	107	85	86	73	382 ± 2.7
10.1	s	203	370	8945	0.55	0.064	22.1	0.82	2.94	22.9	58	144	171	161	166	137	126	113	102	388 ± 1.9
16.2	s	8	62	11022	0.13	0.018	6.6	0.11	0.26	3.0	8	18	19	21	20	20	19	24	24	384 ± 2.2
2.1	o	148	374	9104	0.39	0.034	21.3	0.75	3.51	30.0	68	161	193	179	171	143	125	119	102	390 ± 1.6
6.1	s	53	226	8593	0.23	0.019	17.5	0.47	2.40	20.5	52	128	165	163	150	129	117	105	90	391 ± 2.3
9.1	o	289	921	10193	0.31	0.032	43.5	0.83	4.19	38.2	91	243	326	313	282	222	181	145	118	392 ± 1.0
14.1	o	17	102	8814	0.17	0.022	9.2	0.34	1.33	11.6	28	74	93	88	82	71	62	57	57	392 ± 3.0
15	o	255	702	11865	0.36	0.037	33.0	0.64	2.67	32.7	82	209	262	233	194	145	116	105	90	390 ± 1.3
16.1	s	8	53	10250	0.16	0.039	6.1	0.18	0.39	3.9	10	22	24	22	20	19	16	18	22	394 ± 5.4
8.1	o	86	1144	10528	0.08	0.018	13.5	0.25	0.96	11.6	32	87	138	151	146	128	123	118	109	399 ± 1.1
11	o+s	18	162	11615	0.11	0.023	8.7	0.26	0.89	9.0	24	65	70	69	67	59	57	49	52	403 ± 2.1
13.1	o+s	28	107	7645	0.26	0.089	6.9	1.01	3.40	17.4	39	82	90	81	83	72	67	63	65	399 ± 1.7
12	sb	11	66	8969	0.17	0.018	5.6	0.17	0.51	5.1	13	32	39	35	35	31	26	25	22	401 ± 4.0
17.1	d	35	115	9551	0.30	0.005	7.9	0.08	0.35	4.4	13	39	64	74	79	67	63	55	45	389 ± 3.0

NOTE.- Pr_{calc} is calculated from La_N and Nd_N contents ($Pr_{calc}=La_N$^1/3*Nd_N^2/3). Zircon description: s=sector; o=oscillatory; o+s=oscillatory and sector; sb=socccer ball; d=domainal.