

Table 2. Raman measurements of two samples of the Bali beds (LS75 and LS104) and two samples of the PQ s.str. (LS110 and LS255).

Sample	D1					G					D2					R1	R2	T [°C] after Beyssac et al. (2002)		T [°C] after Rahl et al. (2005)	
	Amplitude	Position	FWHM	Analytic Area	Area %	Amplitude	Position	FWHM	Analytic Area	Area %	Amplitude	Position	FWHM	Analytic Area	Area %			Mean T	St.dev	Mean T	St.dev
LS75_1	329.49	1353.54	39.28	19764.53	55.72	329.49	1586.42	28.06	13682.48	38.57	90.17	1621.77	20.20	2027.25	5.71	1.00	0.56	393	383		
LS75_2	635.04	1352.41	39.28	38993.60	56.91	573.50	1586.98	28.06	25152.93	36.71	166.67	1621.21	23.57	4371.56	6.38	1.11	0.57	388	387		
LS75_3	1778.04	1351.86	34.80	93174.54	48.76	1882.48	1583.61	28.06	78654.20	41.16	685.90	1620.65	17.96	19253.13	10.08	0.94	0.49	424	448		
LS75_4	567.09	1351.85	39.28	34627.18	54.57	555.13	1585.30	29.18	25321.47	39.91	175.21	1620.65	17.96	3501.52	5.52	1.02	0.55	398	399		
LS75_5	891.88	1351.85	43.77	60682.74	57.98	717.95	1586.98	32.55	36526.98	34.90	271.37	1619.53	24.69	7456.74	7.12	1.24	0.58	383	393		
LS75_6	486.32	1352.41	39.28	28034.50	50.24	540.17	1584.74	29.18	23560.65	42.22	172.22	1621.21	15.71	4206.41	7.54	0.90	0.50	417	425		
LS75_7	673.08	1352.41	37.04	38750.08	52.36	669.23	1585.30	29.18	30526.12	41.24	223.08	1621.77	19.08	4736.66	6.40	1.01	0.52	408	420		
LS75_8	498.29	1350.73	53.87	41961.04	59.68	396.58	1586.98	39.28	24351.32	34.63	139.32	1620.65	25.81	4002.19	5.69	1.26	0.60	375	376		
LS75_9	1465.81	1351.29	51.63	118290.00	58.07	1209.40	1588.10	40.40	72765.19	35.72	482.91	1619.53	23.57	12666.31	6.22	1.21	0.58	383	388		
LS75_10	327.78	1352.41	43.77	22426.75	53.22	332.91	1585.86	33.67	16902.84	40.11	93.59	1619.53	21.33	2810.58	6.67	0.98	0.53	404	407		
LS104_1	1797.01	1350.73	47.14	132410.00	63.73	1070.51	1586.98	35.91	57252.24	27.56	514.96	1617.85	29.17	18089.94	8.71	1.68	0.64	357	369		
LS104_2	1797.01	1350.73	58.36	159560.00	67.45	974.36	1590.35	40.40	61538.06	26.01	440.17	1617.85	29.17	15462.77	6.54	1.84	0.67	341	335		
LS104_3	857.26	1351.85	41.53	55646.66	59.08	630.77	1586.98	33.67	33198.16	35.25	237.61	1621.21	20.20	5341.95	0.67	1.36	0.59	378	394		
LS104_4	3363.25	1346.80	58.36	306820.00	63.98	2098.29	1585.86	42.65	139890.00	29.17	833.33	1615.60	28.06	32867.14	6.85	1.60	0.64	356	362		
LS104_5	607.69	1352.41	42.65	40512.55	58.09	481.20	1585.86	32.55	24481.77	35.10	211.11	1621.21	20.20	4746.26	6.81	1.26	0.58	382	394		
LS104_6	957.69	1351.29	43.77	63116.55	59.36	755.56	1584.74	31.43	37114.77	34.90	257.26	1619.53	20.20	6104.52	5.74	1.27	0.59	377	381		
LS104_7	1583.33	1351.29	39.28	97221.58	52.31	1583.33	1584.18	30.30	74999.51	40.36	589.74	1619.53	17.96	13620.52	7.33	1.00	0.52	408	419		
LS104_8	1371.79	1350.17	58.36	121800.00	61.75	918.80	1589.79	44.89	64477.01	32.69	311.97	1618.41	29.17	10959.05	5.56	1.49	0.62	366	378		
LS104_9	1465.81	1350.73	53.87	120140.00	58.84	1220.09	1587.54	40.40	70716.90	34.63	493.59	1619.53	22.44	13338.01	6.53	1.20	0.59	379	379		
LS104_10	1269.23	1350.73	38.16	75708.00	54.76	1166.67	1584.18	28.06	51168.03	37.01	457.26	1620.65	17.96	11383.69	8.23	1.09	0.55	397	407		
LS110_1	621.37	1352.41	44.89	43604.45	57.53	470.94	1585.86	38.16	28090.98	37.06	149.57	1619.53	21.32	4102.20	5.41	1.32	0.58	385	406		
LS110_2	400.00	1351.85	46.02	28771.74	60.20	266.67	1587.54	39.28	16374.16	34.26	79.49	1619.53	21.32	2649.56	5.54	1.50	0.60	373	395		
LS110_3	614.53	1352.97	39.28	36726.54	50.95	511.97	1586.42	39.28	31409.39	43.57	139.32	1622.90	23.56	3952.88	5.48	1.20	0.51	414	463		
LS110_4	3363.25	1346.80	58.36	306820.00	64.64	2166.67	1585.30	42.65	144440.00	30.43	833.33	1615.60	26.40	23421.45	4.93	1.55	0.65	353	351		
LS110_5	579.06	1351.85	40.40	35595.51	57.64	453.42	1585.30	31.43	21658.09	35.07	196.15	1621.21	19.08	4505.48	7.30	1.28	0.58	385	401		
LS110_6	827.35	1350.73	43.77	56607.82	59.52	592.31	1585.86	35.91	33252.14	34.96	216.24	1619.53	22.80	5248.81	5.52	1.40	0.60	376	393		
LS110_7	715.38	1351.85	43.77	48947.05	59.34	480.77	1588.10	39.28	29520.72	35.79	165.38	1621.77	22.80	4014.40	4.87	1.49	0.59	377	403		
LS110_8	495.30	1351.29	43.77	33888.67	55.95	363.68	1588.10	42.65	24244.85	40.03	100.43	1621.21	22.80	2437.69	4.02	1.36	0.56	392	428		
LS110_9	835.90	1351.85	43.77	57192.61	60.18	570.94	1586.98	40.41	31660.39	33.31	211.97	1620.65	23.57	6183.34	6.51	1.46	0.60	373	392		
LS110_10	723.08	1351.29	43.77	48152.42	58.57	492.31	1586.98	38.16	29365.53	35.72	165.38	1620.65	23.56	4692.53	5.71	1.47	0.59	380	410		
LS255_1	405.13	1349.05	39.28	23353.87	53.41	389.74	1583.05	33.67	19205.20	43.92	53.85	1621.21	20.40	1169.43	2.67	1.04	0.53	403	414		
LS255_2	380.77	1350.17	43.77	26052.46	56.80	361.54	1583.05	33.67	17815.35	38.84	71.15	1619.53	26.40	1999.83	4.36	1.05	0.57	388	380		
LS255_3	252.14	1351.29	41.53	15283.65	55.14	228.21	1582.49	33.67	11245.15	40.57	51.71	1617.85	21.60	1189.09	4.29	1.10	0.55	396	405		
LS255_4	1072.65	1350.17	40.40	64090.25	54.08	1038.46	1583.05	33.67	51171.74	43.18	115.38	1619.53	26.40	3242.97	2.74	1.03	0.54	400	406		
LS255_6	995.73	1349.05	40.41	56883.61	54.63	901.71	1583.05	33.67	44433.07	42.68	115.38	1619.53	22.80	2800.75	2.69	1.10	0.55	398	410		
LS255_7	458.97	1350.17	41.53	27821.43	53.86	435.90	1583.61	33.09	22655.21	43.86	51.28	1618.97	21.60	1179.26	2.28	1.05	0.54	401	411		
LS255_8	2076.92	1349.61	40.41	118650.00	54.39	2000.00	1581.93	33.67	90469.44	41.47	371.79	1617.85	22.80	9024.63	4.14	1.04	0.54	399	403		
LS255_9	564.10	1350.17	40.41	32225.91	55.66	486.32	1583.61	33.67	23964.38	41.39	70.51	1619.53	22.80	1711.57	2.96	1.16	0.56	393	407		
LS255_11	351.92	1351.85	40.41	20104.57	53.37	321.15	1583.61	34.79	16352.84	43.41	55.77	1620.65	20.40	1211.20	3.22	1.10	0.53	404	423		
LS255_12	570.09	1349.61	40.41	32567.70	49.62	669.23	1582.49	31.42	30778.85	46.90	105.13	1619.53	20.40	2283.18	3.48	0.85	0.50	420	423		
																400	8	408	11		

A ductile extensional shear zone at the contact area between HP-LT metamorphic units in the Talea Ori, central Crete, Greece – deformation during early stages of exhumation from peak metamorphic conditions

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