

SUPPLEMENTAL FILE S5 B. P. SEQUENCE RESULTS FOR AGES IN THE 2004 SASZ EARTHQUAKE REGION.

Core	Name	Unmodelled (BP)										Modelled (BP)										Amodel 131.5		Aoverall 111.7		sigma	median	95.4% error
		from	to	%	from	to	%	mu	sigma	median	from	to	%	from	to	%	mu	sigma	median	A	P	C	L	P	C			
96	Curve Marine13 Delta_R LocalMarine P_Sequence RR0705-96PC Boundary Start RR0705_96PC_399_401_SUM-232+N(13,20) R_Date RR0705_96PC_399_401_SUM-232 N(13,20) RR0705_96PC_374_376_SUM-090+N(7,18) R_Date RR0705_96PC_374_376_SUM-090 N(7,18) RR0705_96PC_287.5_289.5_SUM-089+N(3,27) R_Date RR0705_96PC_287.5_289.5_SUM-089 N(3,27) RR0705_96PC_222_224_SUM-228+N(9,36) R_Date RR0705_96PC_222_224_SUM-228 N(9,36) RR0705_96PC_206_208_SUM-227+N(10,105) R_Date RR0705_96PC_206_208_SUM-227 N(10,105) RR0705_96PC_206_208_SUM-227+N(61,105) R_Date RR0705_96PC_206_208_SUM-227 N(61,105) Boundary Revele 2007	-63.5	95.5	68.2	-140.5	172.5	95.4	16	78	16	-72	2.5	68.2	-99.5	42.5	95.4	-32.8101	36.96	-34.5			109.2			95	-30	-70	
103	Curve Marine13 Delta_R LocalMarine P_Sequence RR0705-103PC Boundary Start RR0705_103PC_383_385_SUM-253+N(13,44) R_Date RR0705_103PC_383_385_SUM-253 N(13,44) RR0705_103PC_324_326_SUM-224+N(17,58) R_Date RR0705_103PC_324_326_SUM-224 N(17,58) RR0705_103PC_300.5_302.5_SUM-053+N(0,47) R_Date RR0705_103PC_300.5_302.5_SUM-053 N(0,47) RR0705_103PC_277_279_SUM-052+N(0,80) R_Date RR0705_103PC_277_279_SUM-052 N(0,80) RR0705_103PC_209_211_SUM-050+N(3,62) R_Date RR0705_103PC_209_211_SUM-050 N(3,62) RR0705_103PC_174_176_SUM-087+N(123,89) R_Date RR0705_103PC_174_176_SUM-087 N(123,89) RR0705_103PC_111_113_SUM-055+N(28,92) R_Date RR0705_103PC_111_113_SUM-055 N(28,92) RR0705_103PC_092_094_SUM-085+N(36,119) R_Date RR0705_103PC_092_094_SUM-085 N(36,119) RR0705_103PC_049_051_SUM-054+N(18,92) R_Date RR0705_103PC_049_051_SUM-054 N(18,92) RR0705_103PC_020_022_SUM-084+N(5,92) R_Date RR0705_103PC_020_022_SUM-084 N(5,92) Boundary Revele 2007	-64	96	68.2	-141	173	95.4	16	78	16	-99	-25	68.2	-136	203	95.4	-41	65	-58			85.8			96	-60	-170	
104	Curve Marine13 Delta_R LocalMarine P_Sequence RR0705-104PC Boundary Start RR0705_104PC_326_328_SUM-235+N(6,25) R_Date RR0705_104PC_326_328_SUM-235 N(6,25) RR0705_104PC_207_209_SUM-115+N(17,28) R_Date RR0705_104PC_207_209_SUM-115 N(17,28) RR0705_104PC_158_160_SUM-082+N(5,47) R_Date RR0705_104PC_158_160_SUM-082 N(5,47) RR0705_104PC_122_124_SUM-061+N(16,40) R_Date RR0705_104PC_122_124_SUM-061 N(16,40) RR0705_104PC_067.5_069.5_SUM-062+N(9,45) R_Date RR0705_104PC_067.5_069.5_SUM-062 N(9,45) RR0705_104PC_049.5_051.5_SUM-060+N(9,45) R_Date RR0705_104PC_049.5_051.5_SUM-060 N(9,45) Boundary Revele 2007	-64	96	68.2	-141	173	95.4	16	78	16	-60	101	68.2	-172	173	95.4	10	83	11			97.9			99	10	-170	
108	Curve Marine13 Delta_R LocalMarine P_Sequence RR0705-108PC Boundary Start RR0705_108PC_345_347_SUM-195+N(190,272) R_Date RR0705_108PC_345_347_SUM-195 N(190,272) RR0705_108PC_330_332_SUM-041+N(49,110) R_Date RR0705_108PC_330_332_SUM-041 N(49,110) RR0705_108PC_312.5_314.5_SUM-043+N(47,78) R_Date RR0705_108PC_312.5_314.5_SUM-043 N(47,78) RR0705_108PC_290.5_292.5_SUM-044+N(15,50) R_Date RR0705_108PC_290.5_292.5_SUM-044 N(15,50) RR0705_108PC_257_259_SUM-042+N(42,45) R_Date RR0705_108PC_257_259_SUM-042 N(42,45) RR0705_108PC_212.5_214.5_SUM-045+N(35,50) R_Date RR0705_108PC_212.5_214.5_SUM-045 N(35,50) RR0705_108PC_194_196_SUM-194 R_Date RR0705_108PC_194_196_SUM-194 N(23,70) RR0705_108PC_175_177_SUM-046+N(58,193) R_Date RR0705_108PC_175_177_SUM-046 N(58,193) RR0705_108PC_156_158_SUM-083+N(77,86) R_Date RR0705_108PC_156_158_SUM-083 N(77,86) RR0705_108PC_132.5_134.5_SUM-081+N(0,78) R_Date RR0705_108PC_132.5_134.5_SUM-081 N(0,78) RR0705_108PC_039_041_SUM-080 R_Date RR0705_108PC_039_041_SUM-080 N(40,60) Boundary Revele 2007	-64	96	68.2	-141	173	95.4	16	78	16	-130	153	68.2	-182	184	95.4	-4	103	-19			74.8			96	-20	-180	

Supplemental File S5. Radiocarbon Age Modeling. OxCal combinations (Bronk Ramsey, 2009 a) and single ages used to provide age control for timing of turbidite deposition (Fig. 3). Single ages are calibrated as discussed in text and Supplemental File S 2. (A) OxCal output for the regional combine analysis. Age results in this table are direct results from the OxCal code in Supplemental File S2. (B) OxCal output for the single core P_Sequence analyses. Please visit <http://dx.doi.org/10.1130/GES01066.S5> or the full-text article on www.gsapubs.org to view Supplemental File S5.

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