
APPENDIX TWO

STABLE ISOTOPE DETERMINATIONS AND CALIBRATIONS

Table A.2.1: Analytical results of aliquot C/O stable isotope determinations.

Sample	Description	Analysis	yield [mbar]	$\delta^{13}\text{C}$ ‰ PDB	$\delta^{18}\text{O}$ ‰ PDB	$\delta^{18}\text{O}$ ‰ SMOW
NC-4	dolomite I	C4794	0.336	-3.499	-19.773	10.477
		C4795	0.330	-3.503	-19.801	10.447
		avg.:		-3.501	-19.787	10.462
NC-10	dolomite I	C4796	0.323	-3.495	-19.653	10.600
		C4797	0.347	-3.498	-19.647	10.606
		avg.:		-3.497	-19.650	10.603
NC-14	dolomite I	C4798	0.334	-3.639	-19.940	10.305
		C4799	0.345	-3.646	-19.959	10.285
		avg.:		-3.642	-19.949	10.295
NC-15.2	dolomite I	C4800	0.317	-4.147	-22.471	7.696
		C4801	0.319	-4.139	-22.432	7.736
		avg.:		-4.143	-22.452	7.716
NC-9	dolomite II	C4808	0.074	-4.428	-21.802	8.385
		C4809	0.081	-4.402	-21.784	8.403
		avg.:		-4.415	-21.793	8.394
NF-3	dolomite III	C4810	0.294	-4.081	-21.540	8.655
		C4811	0.285	-4.085	-21.526	8.670
		avg.:		-4.083	-21.533	8.662

Reaction Temperature at 50 °C

* = small volume

Table taken from report by U. Horstmann of the Stable Isotope Laboratory at the Council for Geoscience.