Author's Accepted Manuscript

Reactive Silica Fractions in Coastal Lagoon Sediments from the Northern Gulf of Mexico

Jeffrey W. Krause, Elizabeth S. Darrow, Rebecca A. Pickering, Ruth H. Carmichael, Ashley M. Larson, Jose L. Basaldua



PII:S0278-4343(17)30367-9DOI:https://doi.org/10.1016/j.csr.2017.09.014Reference:CSR3680

To appear in: Continental Shelf Research

Received date: 13 July 2017 Revised date: 21 September 2017 Accepted date: 28 September 2017

Cite this article as: Jeffrey W. Krause, Elizabeth S. Darrow, Rebecca A. Pickering, Ruth H. Carmichael, Ashley M. Larson and Jose L. Basaldua, Reactive Silica Fractions in Coastal Lagoon Sediments from the Northern Gulf of Mexico, *Continental Shelf Research*, https://doi.org/10.1016/j.csr.2017.09.014

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Reactive Silica Fractions in Coastal Lagoon Sediments from the Northern Gulf of Mexico

Jeffrey W. Krause^{1,2,*}, Elizabeth S. Darrow1^{1,2,^}, Rebecca A. Pickering², Ruth H. Carmichael^{1,2}, Ashley M. Larson¹, Jose L. Basaldua¹

¹Dauphin Island Sea Lab, Dauphin Island, AL, United States

²University of South Alabama, Department of Marine Sciences, Mobile, AL, United States *Corresponding Author (jkrause@disl.org)

[^]Current Address: University of North Carolina Wilmington, Wilmington, NC, United States

Key words: biogenic silica, sediment, Silicon, reverse weathering, Gulf of Mexico, carbon isotopes

Abbreviations: BA, Bangs Lake; BB, Bayou la Batre; HE, Bayou Heron; bSiO₂, biogenic silica;

Si-HCl, acid-leachable silica; Si-Alk, sodium-carbonate digestible silica after acid leach

Download English Version:

https://daneshyari.com/en/article/8884121

Download Persian Version:

https://daneshyari.com/article/8884121

Daneshyari.com