Date:

Described by:

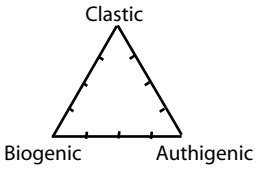
Sample label	Depth (cm)	Reason

Lithology: Dominant Minor

Special treatment: CF, FF, HCl, H_2O_2, etc.

Comments:

Sediment Classification / Name:



estimate each component as wt % of whole

Clastic Components %

Sorting

Rounding

Clay mineral fraction <4µm

Quartz

Feldspar (K-spar, plag?)

Mafics

Mica (biotite, muscovite?)

Detrital carbonate corroded / pitted / rhombic size range:

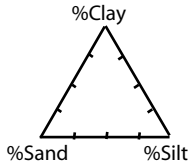
Others

Grain Size Distribution
(clastic fraction)

Sand %

Silt %

Clay %



Authigenic / Diagenetic Components %

Calcite size range: corroded / rhombic / twinned

Other carbonate

Micrite indeterminate size range: loose / aggregated / associated with organic matter

Pyrite / monosulfides / opaque indeterminate

Vivianite

Others

Biogenic Components total % = +
siliceous organic

Common diatom forms (sketch below):

Siliceous remains

Diatoms

Sponge spicules

Phytoliths

Organic Matter

Aquatic amorphous

Peat / aquatic vascular

Charcoal

Terrestrial (incl. pollen, carbonized soil organic matter)

Invertebrates

Ostracods

Insect parts

Calcareous remains

Phacotus loricae

Special Components (other diagenetic minerals, vertebrate parts, anthropogenic debris …)