



Plot of Mean Versus Skewness

Formulas used in calculations (after Mason and Folk, 1958)

$$\text{Mean} = \frac{\phi_{16} + \phi_{50} + \phi_{84}}{3}$$

$$\text{Skewness} = \frac{\phi_{16} + \phi_{84} - 2\phi_{50}}{2(\phi_{84} - \phi_{16})} + \frac{\phi_{5} + \phi_{95} - 2\phi_{50}}{2(\phi_{95} - \phi_{5})}$$

Figure 10. Mean versus skewness of four sand samples from the upper member of the Hecla Bay Formation, as an indicator of depositional environment.

