



An illustration of clay minerals as sedimentary tracers in an arctic environment. Relationship of three clay mineral families to sediments from two different drainage basins—Figs. a to e, & f–g—underlain by different geological formations, is shown. Grouping of analyses indicates significance of parent rock on distribution of clay minerals in sediments at source area and site of deposition.

Figure 3. Ternary diagrams of clay mineral analyses of Arctic sediments from the vicinity of Ellef Ringnes Island, District of Franklin