

Bee Estate, Humphrey Head, Lopez Island, San Juan Co., Washington
 May 29, 1986

Sun up 5:40 A.M. Sunshine intense.

8:30 A.M. Recorder following photos, all taken near Bee House.

Photo 860529-1 madrona and Douglas fir tree directly below dining room window of Bee House. Both tree on edge of bank above rocky shoreline below. Submerged vegetation in tidal zone.

Photo 860529-2 madrona and Douglas fir just to right of above scene. madrona showing red bark and gaining a new yellowish green bark.

Photo 860529-3 stonecrop Sedum spathulifolium - From Boundary Point 15' above water.

Photo 860529-4 ibid. Both on Jurassic - Cret conglomerate.

Photo 860529-5 Jurassic - Cretaceous conglomerate showing movement on slickensides contact and subsequent fracture filled with quartzite. There has not been movement of fault along slickensides since the quartz filled fractures.

Photo 860529-6 Slickensides closeup of right hand side of above photo. Direction is approx. SSW. These 2 photos are directly below Bee house half way between bank of upper slope and water level. This fracture zone traceable 20'-30' each side of photo along an irregular fracture zone.

Photo 860529-7 Stratification Jurassic - Cret. Conglomerate E of NE corner Bee House on rocky shoreline, showing bedding plane and slight anticline left side. Fracture systems in every conceivable direction, here mainly 40° dipping to S of bedding plane. Others 70° E etc. note thinning of some beds.

Photo 860529-8 Closeup of lower right hand side of above photo showing bend in bedding plane and thinning of beds. Certain parts of beds show concentration of conglomerates.

Photo 860529-9 Directly below dining room window of Bee House, showing complex fracture system of stratification and dovetailing of bedding.

Photo 860529-10 Same complex of above² photos.

Photo 860529-11 Boundary Point showing bedding planes continuing NE and prominent fault running N-S, yellow ridge upper part of photo. Rock surfaces above at at this fault line show glacial striae. Photo taken to N.

Photo 860529-12. From Boundary Point to S, Lichen Pt upper right, Frost Island above + Spencer Spit beyond.