Amoco Production Company

Surface Log

Name Windy Mnt. 3022

AREA OR QUAD Port Heiden STATE Alaska

LOCATION Sec 30 SE¼ TWN 41S RNG 59W

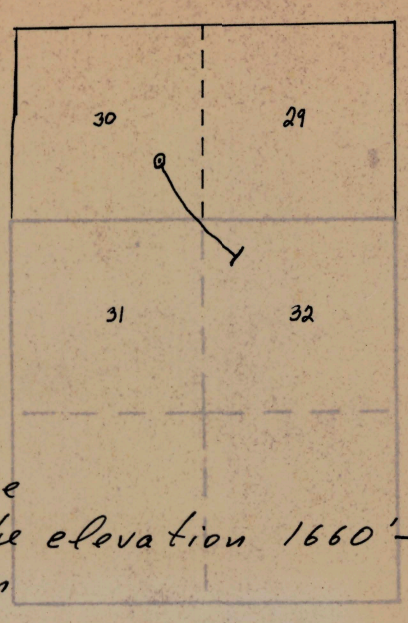
MEASURED BY L. Smirnov, B. Connelly DATE 8/26/77

INTERVAL Pliocene?

REMARKS The beginning of the section at the top of Mnt 3022, the end - at the elevation 1660' - base of valley. Measured down section

LOCATION 56°35' N 158°37' W

PLOTTED BY L. Smirnov DATE 9/7/77



PERIOD | EPOCH | GROUP - MEMBER | FOSSILS (TYPE) | FOSSILS | CORE & SHOWS | DEPTH | LITHOLOGY | POROSITY | SAMPLES | DESCRIPTION

Lava flow - porphyritic pyroxene andesite

Tuffecious congl. and ss. Pure exposed.

Agglomerates, clasts of red andesite porphyry with plag. phenocrysts and gray ~~andesite porphyry~~ with plag.-hornblende phenocrysts.

Ss, gray, m-fg, poorly sorted, poorly cemented, porous, volcanogenic; thin breccia lenses; gray tuff, at the base up to 2' thick.

Medium to thick interbedded ss and congl. Congl. gray, pebble to boulder size, volcanic clasts with tuffecious matrix. Ss brown-gray, m-cg, pure cemented, good porosity, tuffecious Locally ss lenses in congl.

Conglomeratic ss, gray-brown, f-cg, moderately sorted, poorly cemented, good porosity, clasts - volcanic and feldspathic; loccal sorted with heavy minerals interlayers. Occasinal lenses of conglomerates.

Agglomerates, black, brown, gray, red, composed of different volcanic rocks, v. big clasts.

AP-2250 G : 14.9 my BP
Too old: see text.

Covered interval

Summary: Section composed of agglomerates and volcanic conglomerates and ss.

Pliocene ?