

Trans Pac Sta. 40-1

30 Aug 1953

755 fm.

Total core length 34 cm.

0-2 cm Brown clay (oxidized zone)

2-13.5 cm Dark greenish-grey clay, with a 0.5 cm pebble near the bottom.

13.5 cm Abrupt change

13.5-34 cm Light greenish-grey clay.

Trans Pac

Sta 40-1

53° 57' N

171° 10.8' E

6-8 cm. — Many sand grains + sponge spicules — rather many fine Rads, prob. Quat.  
(Smear slide — Sandy silt with diatoms, sponge spicules + Rads —  
no calc. microfossils seen).

20-22 cm — Many sand grains, <sup>mod. no. sponge spicules.</sup> and many fine Rads which appear to be Quaternary  
(Smear slide — Clayey silt with some diatoms, Rads + sponge spicules —  
no calc. microfossils seen). ← No forams, though  
no acid used.

Trans. Pac

Stn. 50

N.E. Pacific

Clay in pipe-dredge.

46° 16.5' N

168° 52.2' E

Many fine Rads. + diatoms.

Trans Pac Sta 71

5050 m (2760 fm.)

Total length of core 49 cm.

(Core dried out when cut, and a little contamination from one level to another may have occurred.)

The entire core seems to be a homogeneous, diatomaceous, greenish-grey clay.

40° 05' N  
146° 45' E

Trans Pac

Sta 71

0-4cm - Many fine diatoms + a mod. no. Rads - Quat.  
(Smear slide - Diatom ooze - no calcareous microfossils)

40-44cm - Many fine diatoms + a mod. no. Rads - Quat.  
(Smear slide - Diatom ooze - no calcareous microfossils)

Trans Pac Sta 97 (McAllister #1)

730 fm - 1361m

25 Oct 1953

Total length 60 cm

[Dry when cut, so may be somewhat contaminated.]

Entire core an apparently homogeneous greenish-grey silt.

32°02.3'N  
139°25.1'E

Trans Pac

Sta 97

0-4cm — Many pyroclastics, + mod. no. fine Rads — Quat.

(Smear slide — Clayey silt with forams, sponge spicules, diatoms etc. —  
no discs found)

28-32cm — Many pyroclastics, + mod. no. fine Rads — Quat.

(Smear slide — silt with forams, sponge spicules, diatoms etc. — no discs found.)

56-60cm — Many pyroclastics, + mod. no. fine Rads — Quat.

(Smear slide — silt with forams, sponge spicules, diatoms etc. — no discs found.)

Trans Pac

Sta. 121

~~34~~

32°34'N, 176°45'E

5040 m.

0-13 cm. Many good Rads, apparently pure Qvrt. Few large mineral grains + few large zeolites.  
No forams though no acid used.  
(Smear slide - Silty clay with a mod. no. silic. microfossils - no CaCO<sub>3</sub> nor zeolite found)



Trans Pac Sta 129 (McAllister #3)

15 Nov 1953 0500 hrs

Depth 2460 fm

approx 26.5°N  
170.4°W

Total length 70 cm

An apparently homogeneous brown clay with a few light ~~is~~ mottles.

26°28.5'N  
170°23'W

Trans Pac

Sta 129

0-2cm - Rather many Rads (Quat.), somewhat corroded, + rather many sponge spicules.  
Also clay aggregates.  
(Smear slide - Slightly silty clay with some siliceous microfossils +  
possibly some <sup>calcite?</sup> ~~detonite~~ rhombs).

60-62cm - Many Rads (Quat.), somewhat corroded, + rather many sponge spicules.  
(Smear slide - Slightly silty clay with some siliceous microfossils  
+ possibly some ?calcite? rhombs).