Cast 50

Station 48

January 21, 20:57:19

-76 59.10, 179 15.07

594 m depth

This station (RBS2) is part of a north to south section across Ross Bank. This is the southernmost station on the section.

There is a surface mixed layer 20 m thick with a temperature of 0.3C. There is higher fluorescence from the surface to 60 m with a peak at 40 m having a magnitude of 8 mg/m^3.

There is a broad subsurface Tmax at 160 m with some indication of an associated reduction in oxygen. This may be CDW.

Salinity increases about linearly from 50 m to the bottom.

There is a Tmin (less than freezing) at about 450 m associated with an increase in oxygen. This is likely a layer of ISW, or water influenced by ISW.



