Cast 49

Station 47

January 21, 18:58:56

-76 50.97, 179 14.92

524 m depth

This station (RBS1) is part of a north to south section across Ross Bank. It is one station south of the bank crest.

There is a 20 m thick mixed layer at the surface with a temperature of 0.2C. The maximum in fluorescence is at about 40 m with a value of 6 mg/m^3.

Temperature and salinity change linearly with depth below 140 m. Temperatures are just above surface freezing.

There is a slight increase in both salinity and oxygen in the bottom 20 m.

There is no evidence for CDW or ISW at this station.


