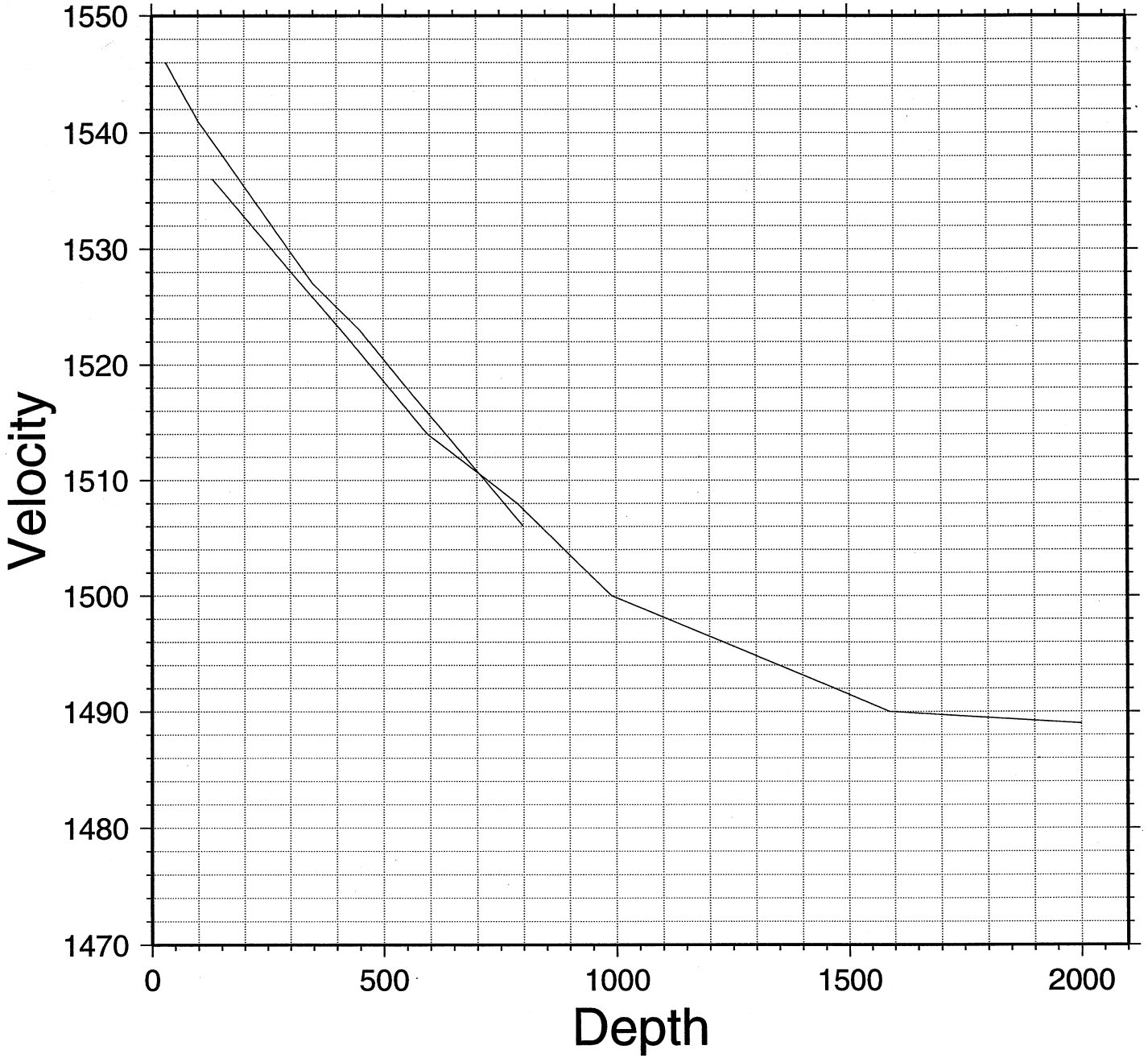
Average Velocity From XBT

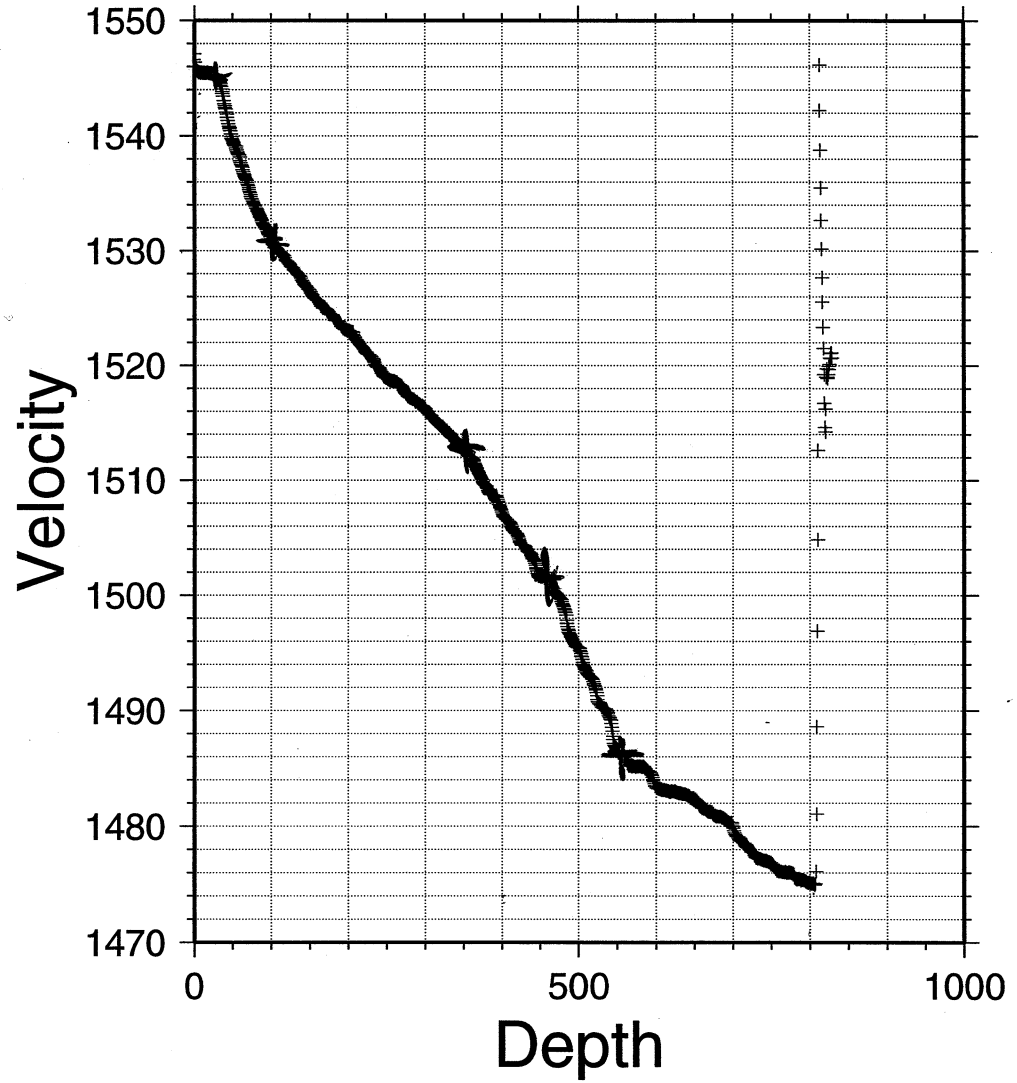


Short curve
Computed from
on XBT derived
vel. vs depth

Longer curve
from similar
and extrapolated
computer program
Ewing.

I converted to
by picking points
calculating $\bar{v}$ bet
points then w
the $\bar{v}$ with th
layer thickne

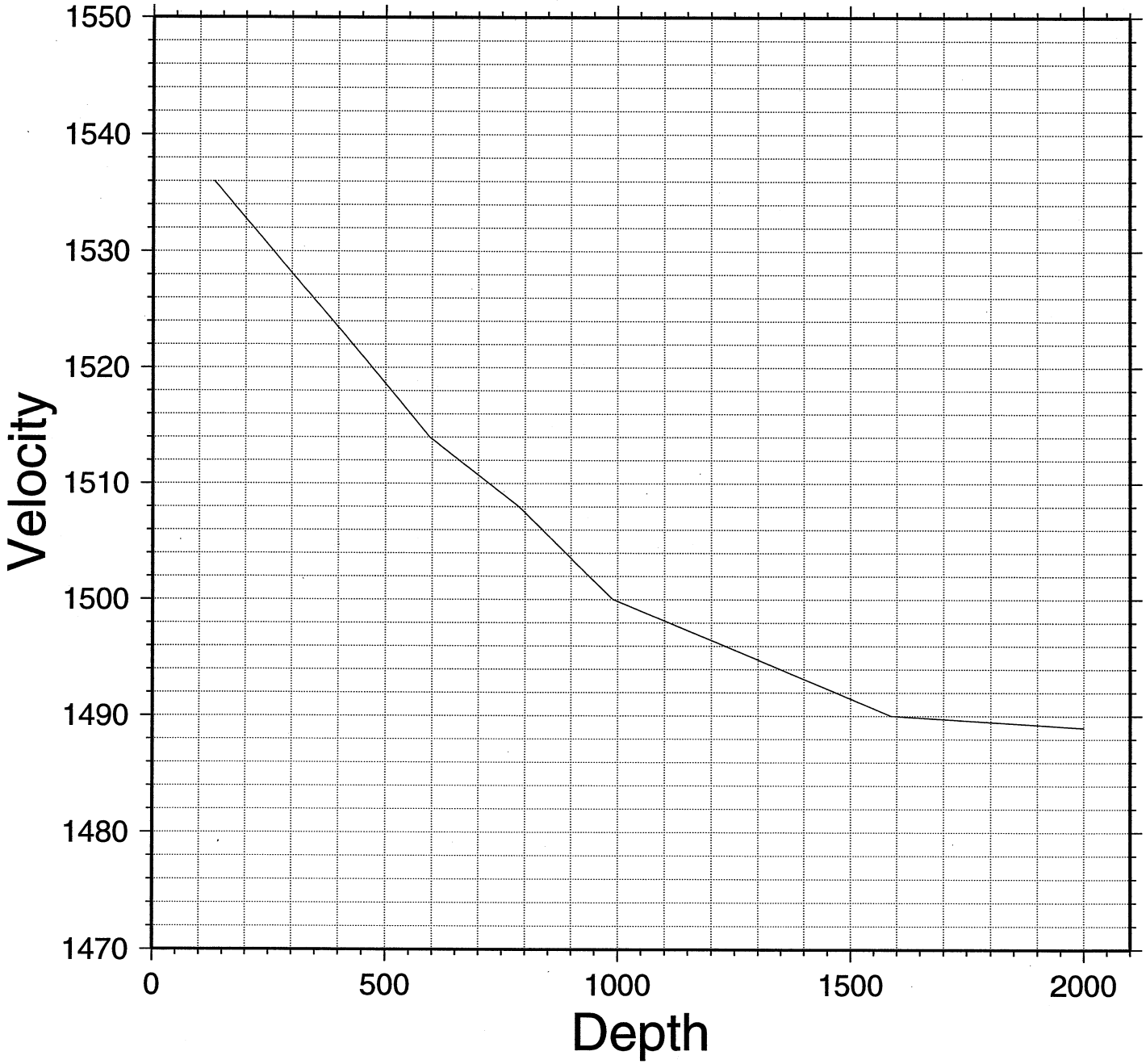
XBT Results



0				
30	1540	1546	46380	15
100	1531	1536.5	107695	15
350	1513	1522	380500	15
450	1502	1507.5	150750	15
550	1486	1494	149400	151
800	1475	1480.5	370125	15

```
# Water velocity profile created by program HSVELOCITYTOOL
# Version $Id: hsvelocitytool.c,v 1.1 1993/08/16 23:28:30 caress Exp $
# Run by user <hs> on cpu <heezen> at <Fri Aug 25 11:08:46 1995>
0.000000 1539.663300
111.386139 1524.511785
222.772277 1500.942761
386.138614 1494.208754
512.376238 1483.265993
1240.099010 1483.265993
1678.217822 1486.632997
2168.316832 1493.367003
2955.445545 1505.993266
4000.000000 1500.000000
5000.000000 1500.000000
#7000.000000 1500.000000
#9000.000000 1500.000000
#12000.000000 1500.000000
# Water velocity profile created by program HSVELOCITYTOOL
# Version $Id: hsvelocitytool.c,v 1.1 1993/08/16 23:28:30 caress Exp $
# Run by user <hs> on cpu <heezen> at <Sun Aug 27 06:49:41 1995>
0.000000 1544.632997
131.188119 1527.616162
410.891089 1506.121212
594.059406 1483.730640
787.128713 1473.878788
990.099010 1468.505051
1588.118812 1477.461279
2000.000000 1500.000000
3000.000000 1500.000000
4000.000000 1500.000000
5000.000000 1500.000000
#7000.000000 1500.000000
#9000.000000 1500.000000
#12000.000000 1500.000000
```

Average Velocity From XBT



Velocity vs. Depth From XBT Measurements