

and diffraction data. The stacked data was filtered with a series of zero phase bandpass filters. These following filters were selected from a series of filter test panels:

Time (in msec.)	Low Freq/slope	High Freq/slope
0	14/18	65/36
600	14/18	65/36
1500	10/18	50/36
3000	8/18	35/36
4000	8/18	30/36
5000	8/18	30/36

3.10 TIME VARIANT SCALING

For display purpose, a multi-gated balance was applied to the data after filtering to bring the data to the desired amplitude level. The average absolute value (AABS) of the gate is computed and a scalar is applied to the centre point of the gate. This is repeated for each gate with the scalar interpolated between gate centres.

Gate Time Start (msec.)	Gate Time End (msec.)
0	200
200	400
400	800
700	1700
1200	2200
1700	2700
2200	3200
2700	3700
3200	4200
3700	4700

3.2f DISPLAY

The final stack and migrated data were plotted on film with the following parameters :

1. Vertical scale : 9.525 cm per second (3.75 in/sec.)
2. Horizontal scale : 20 traces per cm. (50.8 traces per in.) (1:25,000)
3. Display mode : Wiggle trace variable area
4. Display gain : 80%

