

**Table 2-1**

Hardware and Calibration Information for Station SRU\*

	<b>Com- ponent</b>	<b>Sept. 9, 1998 to Sept. 26, 1998, 21:00 UTC</b>	<b>Sept. 26, 1998, 21:00 UTC to April 15, 1999, 15:00 UTC</b>	<b>April 15, 1999, 15:00 UTC to present</b>
<b>Refraction Technology (REF TEK) Digitizer</b>				
Model and Serial No.	All	72A-07 7789	72A-07 7789	72A-07 7789
Digitizing Constant, volts/count	All	$1.9073 \times 10^{-6}$	$1.9073 \times 10^{-6}$	$1.9073 \times 10^{-6}$
<b>Guralp Systems Seismometer</b>				
Model and Serial No.	All	CMG-3T T3650	CMG-40T T4182	CMG-3T T3650
Calibration Resistance, Ohms	All	51000	10000	51000
Feedback Coil Constant, amp/(m/sec <sup>2</sup> )	Vertical East North	.03207 .03383 .03144	.004448 .003862 .004001	.03207 .03383 .03144
<i>Free Period, sec</i>	<i>Vertical</i> <i>East</i> <i>North</i>	<i>99.96</i> <i>101.44</i> <i>100.41</i>	<i>20.75</i> <i>20.13</i> <i>20.21</i>	<i>99.81</i> <i>100.91</i> <i>100.28</i>
<i>Damping Factor</i>	<i>Vertical</i> <i>East</i> <i>North</i>	<i>.7026</i> <i>.7077</i> <i>.7113</i>	<i>.6812</i> <i>.7002</i> <i>.7062</i>	<i>.7004</i> <i>.7094</i> <i>.7053</i>
<b>Total System Pole-Zero Response</b>				
Zeros, rad/sec	All All All All	$0.0 + 0.0i$ $0.0 + 0.0i$ $0.0 + 0.0i$ $945.6 + 0.0i$	$0.0 + 0.0i$ $0.0 + 0.0i$ $0.0 + 0.0i$ $923.6 + 0.0i$	$0.0 + 0.0i$ $0.0 + 0.0i$ $0.0 + 0.0i$ $945.6 + 0.0i$
<i>Seismometer Poles, rad/sec</i>	<i>Vertical</i> <i>East</i> <i>North</i>	<i><math>-.04417 \pm .04473i</math></i> <i><math>-.04384 \pm .04376i</math></i> <i><math>-.04451 \pm .04398i</math></i>	<i><math>-.2063 \pm .2217i</math></i> <i><math>-.2185 \pm .2228i</math></i> <i><math>-.2196 \pm .2202i</math></i>	<i><math>-.04409 \pm .04493i</math></i> <i><math>-.04417 \pm .04388i</math></i> <i><math>-.04420 \pm .04442i</math></i>
Other Poles, rad/sec	All	$-505.8 \pm 193.5i$	$-305.4 + 0.0i$	$-505.8 \pm 193.5i$
<i>Gain Constant, counts/micron</i>	<i>Vertical</i> <i>East</i> <i>North</i>	<i>-250347</i> <i>-249126</i> <i>-249705</i>	<i>-143.2</i> <i>-142.3</i> <i>-143.3</i>	<i>-249304</i> <i>-250340</i> <i>-248435</i>

\* Values in italics are from UUSS calibrations. All others are from the equipment manufacturers. The station coordinates are 39° 6.65' N, 110° 31.43' W, 1804 m elevation.