**DCIF\_Task3-1\_StressTest\_Westerly\_Metadata.txt**

**Location Datafiles**

|  |  |  |
| --- | --- | --- |
| **File Name** | **X-direction stress** | **Y-direction stress** |
| **DCIF\_Task3-1\_Location\_blockC.TXT** | 11.6 MPa | 11.6 MPa |
| **DCIF\_Task3-1\_Location\_blockD.TXT** | 5.8 MPa | 5.8 MPa |
| **DCIF\_Task3-1\_Location\_blockE.TXT** | 2.9 MPa | 2.9 MPa |
| **DCIF\_Task3-1\_Location\_blockF.TXT** | 5.8 MPa | 11.6 MPa |

**File content descriptions**

|  |  |  |
| --- | --- | --- |
| Column#(s) | Title | Description |
| 1 | Time(s) | Logging time 1) |
| 2 | T0offset(s) | Determined source time against trigger time |
| 3-5 | x(m) y(m) z(m) | Source location  |
| 6 | Error(s) | Location error in travel time (RMS) |
| 7-9 | X Y Z | Ohtsu’s moment tensor classification parameters(computed from a moment tensor) 2) |
| 10 | RelativeAmp | Absolute value of the largest moment tensor eigenvalue |

1) Time stamp offset : 180s (Liquid nitrogen poured at T=180s in the file)

2) J. Geol. Res. 96, B4, 6211-6221, 1991

**DCIF\_Task3-1\_Westerly\_blockC\_AEmovie.avi**

**DCIF\_Task3-1\_Westerly\_blockD\_AEmovie.avi**

**DCIF\_Task3-1\_Westerly\_blockE\_AEmovie.avi**

**DCIF\_Task3-1\_Westerly\_blockF\_AEmovie.avi**

Animation of located AE events in the sample over time.

**DCIF\_Task3-1\_blockC\_Thermocouple.TXT**

Thermocouple temperature readings as a function of time. Time T=0s is when liquid nitrogen was poured.



|  |  |  |
| --- | --- | --- |
| Column#(s) | Title | Description |
| 1 | Time(s) | Logging time  |
| 2 | Date&Time | Date and Time |
| 3-14 | th1 th2 th3 th4 ch5 ch6 ch7 ch8 th13 th14 th15 th16 | Thermocouple channel readings (in degree C) |

**DCIF\_Task3-1\_Time vs AE rate summary.TIF**

Graphical presentation of the time vs AE rate

**DCIF\_Task3-1\_Time vs cumulative AE count summary.TIF**

Graphical presentation of the temperature vs cumulative AE counts