

APPENDIX C

Example of Standard Connection

Connecting the DL-1 to the Tinker & Rasor Model T-3 Test Station

Below is an example of a common connection using the Model DL-1 *Data Logger*. This example connection is made using a Model T-3 CP Test Station from Tinker & Rasor.

The Black lead from the Channel One pair of leads connected to the DL-1 is clamped to the terminal board of the T-3, which in turn is connected to the buried pipeline (not shown). The Red lead of the Channel One pair is connected to the included Model 6A Half-Cell Reference Electrode, which is then used to obtain a reading from the ground.

After connection, the DL-1 is either started manually by pressing the Start/Stop button, or left to start recording on its own according to its programming. Depending upon the configured sampling time, the technician will wait for the sample to complete or return to retrieve the data. The data may be retrieved in the field using a laptop computer or a handheld device such as a Handspring™ running Palm OS™ software, or the DL-1 can be removed and brought to a desktop computer unit for downloading of data. (See **Appendix B: Recording and Data Transfer Connections** for more information about the included and optional cables used with the DL-1.)

