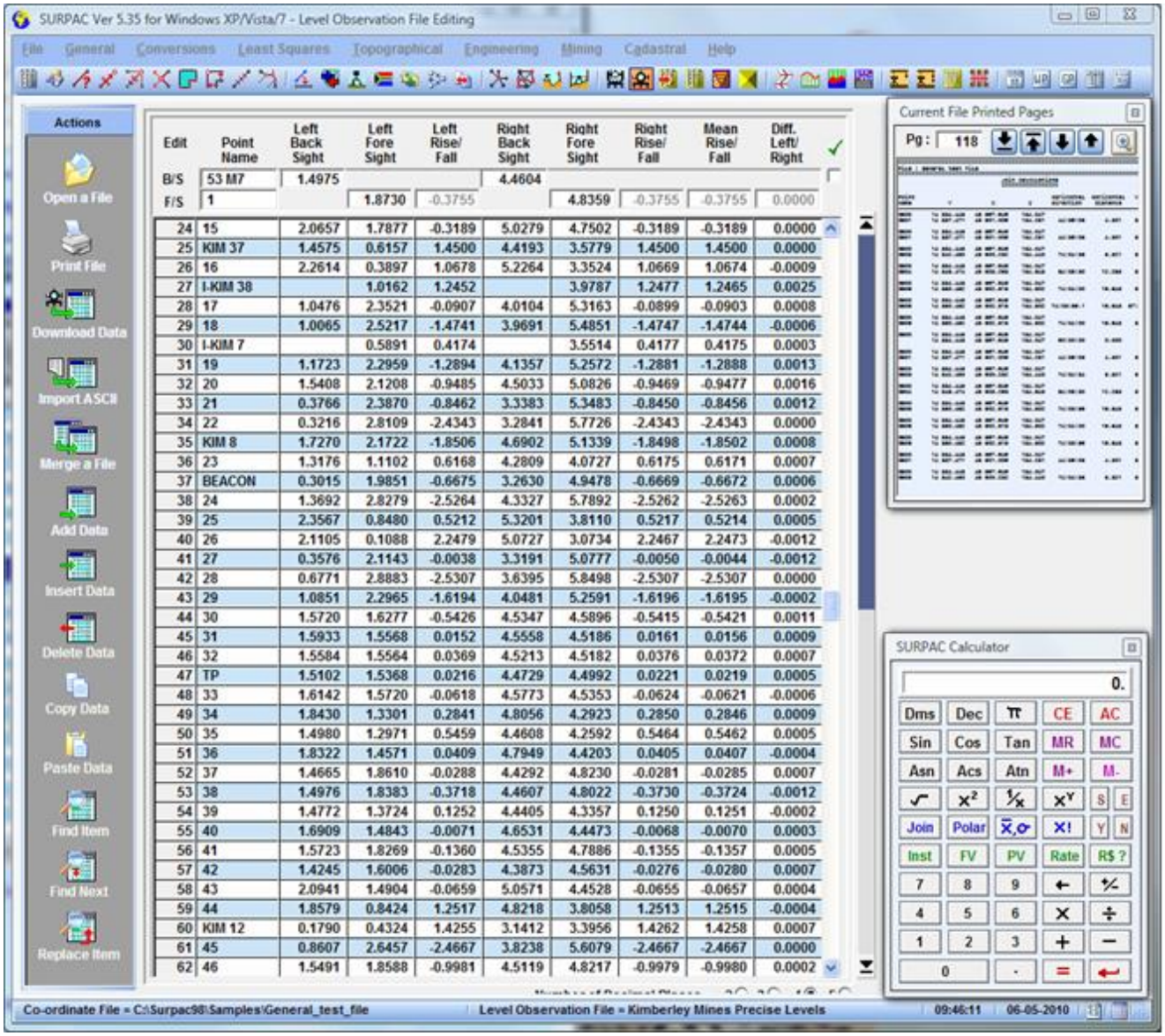

Level Observation File showing a set of Precise Levelling Left and Right Observed values

Level Observation File Loading/Editing

- This programme Loads and/or Edits Level Observation Files, which are used for input Data in the Level Network Least Squares Adjustment Programme.
- Level Observation File Data are required to be in the format :-
  - *Point Name*
  - *Left Back Sight*
  - *Left Fore Sight*
  - *Right Back Site (Optional, only used for precision Levelling)*
  - *Right Fore Site (Optional, only used for precision Levelling)*

- The Point Description Code is a simple value, 1 through 9, which allows the selected application to identify the function of each Data Line
- The Point Name is used to differentiate between Fore Sight, and an Intermediate Sight. If the first two characters of a Point Name are "I-", then the sight is considered to be an Intermediate Site.
- Data input into a Level Observation File is by either :-
  - Direct Downloading from a Total Station or an Electronic Logger,
  - The currently supported Total Stations and/or Electronic Loggers are :-
    -  *The Psion Organiser using the "Handi-Data Solutions Levels" ASCII File,*
    -  *The Psion Workabout, using the "Handi-Data Solutions Levels" ASCII File,*
    -  *The Leica/Wild GIF 10 Digital Level*
    -  *The Sokkia SDL Power Level*
  - Downloading from a variety of ASCII file formats,
  - Copying from the Windows Clipboard,
  - by Manual Data entry.
- Once an Observation File has been generated, various editing/printing functions are available, such as :-
  - Manually modifying, or Deleting, Data Lines,
  - Using the Windows "Cut and Paste" to move blocks of Data around the File,
  - Manually Adding or Inserting new Data Lines,
  - Printing the Observation File in "Field Book" format,
  - Creating an ASCII file of the Data,
  - Sending the Data to the Windows Clipboard.