

Longwall Visual Analysis

Information Sheet



Overlaying Data onto a DXF File

Revision 1, (9 March 2011)

1. Introduction

This outlines the process and options for importing, creating and saving a DXF file in LVA

2. Details

Create a DXF mine plan in CAD, it's best to strip it down as much as possible so its just a basic outline of the roadways etc. You may also need to save it in an older DXF format.

- Click on Overlays in LVA
- Click on Open file icon (see Fig 1.)

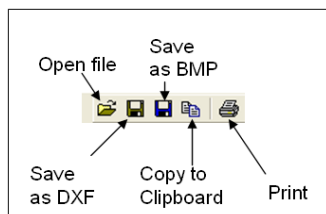


Fig 1.

- Select the DXF file you wish to open
- Once opened, choose the boundaries of the panel by clicking on the coordinates box for the Maingate and Tailgate start and end points and selecting the corresponding location on the DXF mine plan. (see Fig 2.)

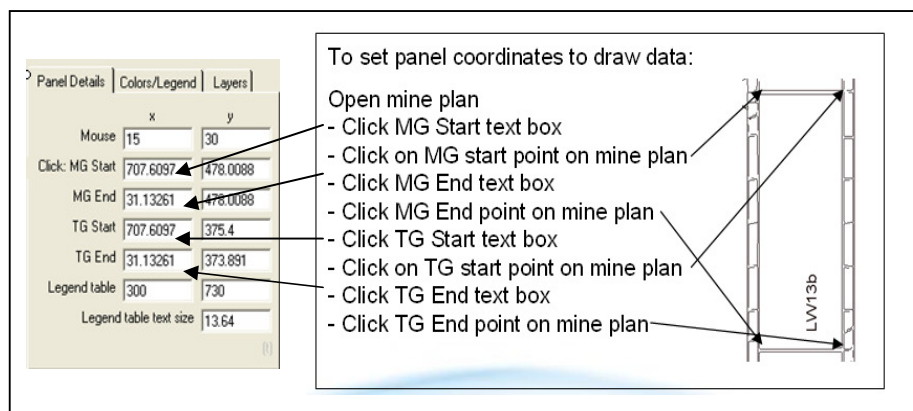


Fig 2.

- To confirm the entered coordinates are correct click on Preview Data Panel, this will draw a yellow rectangle within your boundaries. (see Fig 3.)
- You can select to draw every support or every 2nd, 3rd or 4th support. (see Fig 3.)
- To draw the whole panel of data just click on Draw Data Panel or to draw a range of data change the values in the Chainage range start and end boxes. (see Fig 3.)

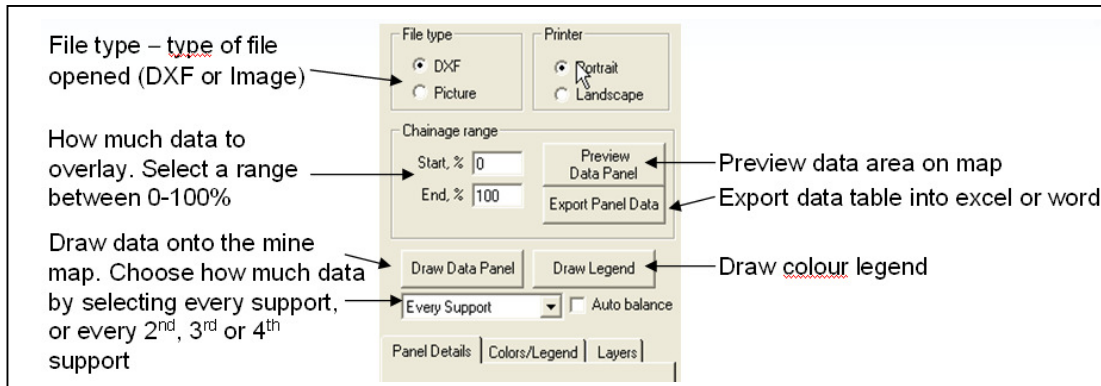


Fig 3.

- To save your drawing as a DXF or Bitmap (BMP) choose the relevant save icon (See Fig 1.)