

Township Elevation Diagrams on Compact Disk

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Background

The Director of Surveys office is the repository of 225 township elevation diagrams. These diagrams were scanned in 2001 and are now available for distribution as a single digital image or as a complete set on a CD.

Use these elevations with extreme caution.

Please note that although no instructions on how these surveys were to be conducted were found, a letter from B.M. Rustad, Alberta Land Surveyor (ALS) to the Director of Surveys dated November 18, 1965, indicates these elevations were established in accordance with the DLS Manual and the instructions for provincial boundary surveys. It can only be speculated that all the surveys were conducted under these standards since Mr. Rustad conducted a significant number of these surveys.

These elevations should not be given a high degree of reliability. They were established from GSC Bench Marks between the years 1953 to 1972. Since then, the GSC Bench Marks may have been re-levelled and adjusted. The elevations on the diagrams were never adjusted with these revised elevations.

The elevations on all diagrams are expressed in feet.

Note: This data is available through a FTP site upon request, see contact information below.

Included with the images is a MS Excel spreadsheet and a tab delimited text file. These files list the following information about the images:

- **File Name:** The name of the image file. This name is taken from the title of the hard copy diagram. In most cases it identifies the township, range and meridian of the diagram.

More information about surveys can be found at [Director of Surveys | Alberta.ca](https://www.alberta.ca/director-of-surveys)

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Classification: Public



- **Datum:** What elevation datum was used. In all cases it was CGVD 28 (Canadian Geodetic Vertical Datum 28).
- **Confirmed:** This states whether the elevations were checked and approved by the surveyor. It does not mean the Director of Surveys confirmed the diagram.
- **Surveyor:** The name of the Alberta Land Surveyor who performed the levelling.
- **Date:** The date of the diagram.
- **Comments:** This field contains comments on the diagram as to where the elevations were taken to and what was the Bench Mark used.