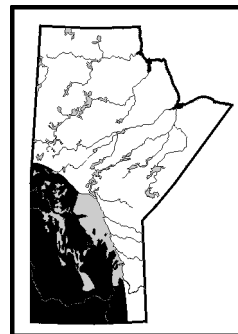


**GS-31 THE MANITOBA STRATIGRAPHIC DATABASE AND CAPITAL REGION STUDY:  
AN UPDATE  
by G.G. Conley**



Conley, G.G. 2002: The Manitoba Stratigraphic Database and Capital Region Study: an update; *in* Report of Activities 2002, Manitoba Industry, Trade and Mines, Manitoba Geological Survey, p. 273.

### **SUMMARY**

The Manitoba Stratigraphic Database continues to be updated with formation tops for 1663 wells added this summer to make a total of 3348 wells with formation tops, out of a total of 4713 wells.

The Capital Region Study report and final maps are being released in November 2002. New maps indicate near-surface bedrock, within and near the city of Winnipeg, that has high potential for the production of crushed stone aggregates.

### **MANITOBA STRATIGRAPHIC DATABASE: AN UPDATE**

The Manitoba Stratigraphic Database continues to be updated. With the help of a Quebec exchange student, 1663 historical formation tops picked by H.R. McCabe (formerly of this department) were entered into the database. Combined with 1675 wells that were previously relogged and entered, this brings the total to 3348 wells with formation tops. The remaining 1365 wells still need to have formation tops entered. It is hoped that we will be able to acquire the assistance of another student in 2003 to complete the project. For more detailed information on both the Manitoba Stratigraphic Map Series and the Manitoba Stratigraphic Database, see Conley and Bezys (1998) and Bezys and Conley (1999).

### **THE CAPITAL REGION STUDY**

The Capital Region Study has been completed and the report and final maps will be released in November 2002. The report consists of sixteen 1:50 000 scale map sheets, a report and several appendices. The appendices contain detailed quarry descriptions, quarry mineral inventory cards, section descriptions and quarry photographs. The report will be available in both digital and paper format. For more detailed information about the maps, please refer to Conley (2001).

The maps have indicated some new areas of near-surface bedrock close to and within the City of Winnipeg that have the potential for the production of crushed stone aggregates; aggregate similar to that currently being produced further to the north of the City, northeast of the Town of Stonewall. For further information see Bezys, Bamburak and Conley (GS-30, this volume; Bezys et al., in press).

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### **REFERENCES**

- Bezys, R.K., Bamburak, J.D. and Conley, G.G. in press: Bedrock mineral resources of Manitoba's capital region; Manitoba Industry, Trade and Mines, Manitoba Geological Survey, Geoscientific Report GR2002-1.
- Bezys, R.K. and Conley, G.G. 1999: Manitoba Stratigraphic Database and the Manitoba Stratigraphic Map Series; Manitoba Energy and Mines, Geological Services, Open File Report OF98-7, 1 CD-ROM.
- Conley, G.G. 2001: Manitoba Stratigraphic Database and the Capital Region Study, 2001; *in* Report of Activities 2001, Manitoba Industry, Trade and Mines, Manitoba Geological Survey, p. 150–151.
- Conley, G.G. and Bezys, R.K. 1998: The Manitoba Stratigraphic Map Series (Paleozoic and Mesozoic maps) and the Manitoba Stratigraphic Database: new and previously released subsurface geological data; *in* Report of Activities 1998, Manitoba Energy and Mines, Geological Services, p. 210–211.