

How to use this figure:

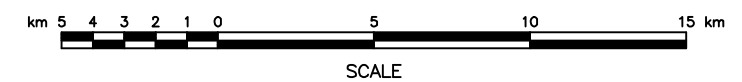
A well capture zone is defined as the area that specifically contributes recharge water to a pumping well. Potential contaminants within the capture zone can move along the same flow paths as the recharge zone water to the well. Accordingly, these areas should be designated as wellhead protection areas with appropriate protective management practices put in place to prevent any contaminants from reaching the well.

Preliminary capture zones for the higher-use municipal wells are shown on the adjacent figure. All municipal wells are completed in the Grimshaw Gravels Aquifer except where shown otherwise. For municipal wells with average groundwater use less than 40 m<sup>3</sup>/day (6 igpm), well capture zones are too small to be shown on a map of this scale.

These capture zones are preliminary only as our current knowledge of groundwater flow directions and local aquifer conditions is insufficient to more accurately define the capture zones. More detailed field investigations are required to confirm the 'final' well capture zone areas that should be used for each municipal well.

LEGEND

- Approximate extent of Grimshaw Gravels Aquifer
- Municipal well
- Preliminary well capture zones
- Areas vulnerable to contamination: extent of clay cover less than or equal to 4 metres
- Contour showing depth to clay cover (metres)



GRIMSHAW GRAVELS AQUIFER

**PRELIMINARY WELL CAPTURE ZONES**

Scale AS SHOWN	Date JULY, 1996	PFRA No.	FIGURE B13
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