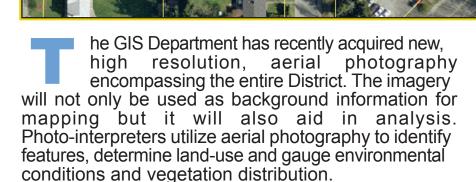
DISTRICT OF NORTH VANCOUVER

2003 AERIAL IMAGERY





late April 2003.

patches of snow had a chance to melt. The urban region of North Vancouver, including the City of North Vancouver, was captured at a flight elevation of 7,000 feet. A large digital camera mounted on a Cessna aircraft was used to capture the photography. A total

criss-crossing the area were needed obtain all of the photography in the developed

images were taken the data was sent to Ohio, USA for processing



Utilities: Water (blue), Sanitary (red)

Part of the image processing took place here in Vancouver where the images were *sewed* together and colour balanced. This process ensured a seamless look and eliminated sun angle and glare effects specific to each frame.



Utilities: Fire Hydrants

were being processed **AcElhanney** was busy preparing a digital elevation model, or DEM. The digital images needed to be stretched

over a terrain model representing our earth's surface. This process also places the images in their correct spatial location. By using GIS software one can then select a point on any one of the images and the exact location is known. This allows technicians to make precise measurements between two locations. Once all of the images were colour balanced and stretched over the DEM they were ready for delivery.

Over the past 50 years, aerial photography has played a crucial role in the development of major engineering projects such as the Trans-Canada Highway and the St. Lawrence Seaway. Aerial imagery has proved invaluable in the development of northern Canada and in the evaluation of Canada's forest resources. Today, aerial photography remains an essential tool in forestry management, pollution control, urban planning, and





