Buffers

The Early Days of Digital Mapping
Provincial Digital Base Mapping Program

ABSM computer room mid 1980s. 50th Street Atria, Edmonton.

Intergraph Stereo Plotter, Eric Cormack Building, 1980s

1:60,000 Air Photo

ABSM computer room mid 1980s. 50th Street Atria, Edmonton. 9-track tapes in the background.
Provincial Digital Base Mapping Program
The Virginia Hills Fire

The Base Features Program
Virginia Hills Fire - 1998
The Base Features Program - 1998

IRS Imagery - 5 metres

Supplemental Data
The Base Features Program - 1998

Today 22% of Roads and 28% of Cutline/Trail originate from PDBM
Surveys

Digital Integrated Dispositions (DIDs)
Rural Cadastral
Digital Integrated Dispositions - 2005

- Feature Identification
- Boundaries
- Footprint
  - 2008
AHFMP

Collaboration
AHFMP - 2014

• Started by ABMI
  – Improve ABMI’s Footprint data
  – Improve Spatial and Attribute Accuracy

• GOA - Provide access to better data and Subject Matter Experts
  – Wells, pipelines, roads, facilities, seismic.

• Collaborate on ideas
  – Includes NGOs
### AHFMP

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<th>VERGE_SOURCE</th>
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- **ROAD VERGE SOURCE**
  - [ ] Cadastral
  - [ ] DIDs
  - [ ] Buffer
World Class Dataset

- Projects Using AHFMP
  - Biodiversity Management Framework (Regional Planning)
  - Moose Lake Access Management Plan
  - Porcupine/Livingstone
  - Recreational Opportunity Mapping (ROM)
  - Others
“Within these contours are represented the mountains, the lakes, the rivers, the hills, and the prairies out of which the roots of all Albertans grow. This is your heritage and your future. Guard it well.”
Questions?