

Map Features

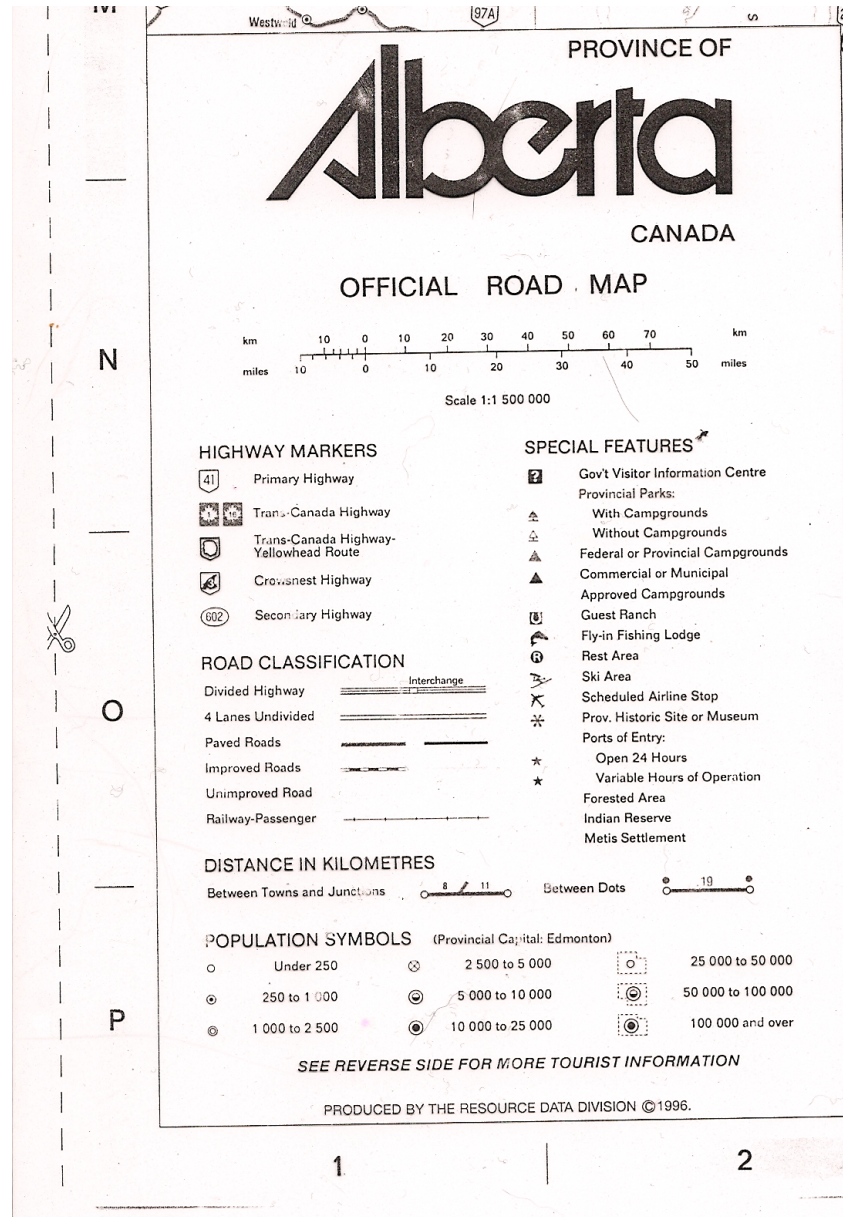
Navigation Lessons

Chris Jorgensen Jan 2013

Maps Legends

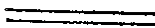
- Map Name
- North indicator
- Scale
- Grid referencing/ Cartesian
- Symbols
- Date
- Declination
- Topo Interval

Provincial Road Map

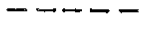


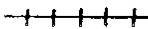
BASIC MAP SYMBOLS

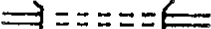
 (RED) **HARD SURFACE ROAD**

 **DIRT, GRAVEL ROAD**

 **DIRT ROAD (POOR)**

 **TRAIL**

 **RAILROAD**

 **TUNNEL**

 **HOME, BUSINESS LOC.**

 **SCHOOL, CHURCH**

 **BARN, WAREHOUSE, ETC.**

 **POWER LINE**

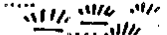
 **OPEN PIT, MINE, QUARRY**

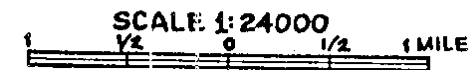
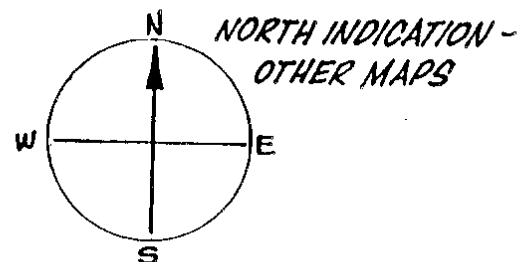
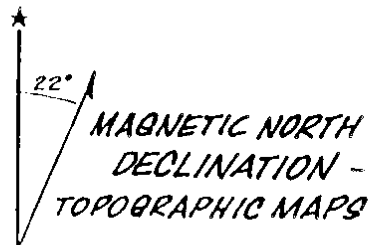
 **SHAFT, TUNNEL ENTRANCE**

 **ELEVATION LOCATION**

 **CONTOUR LINES**

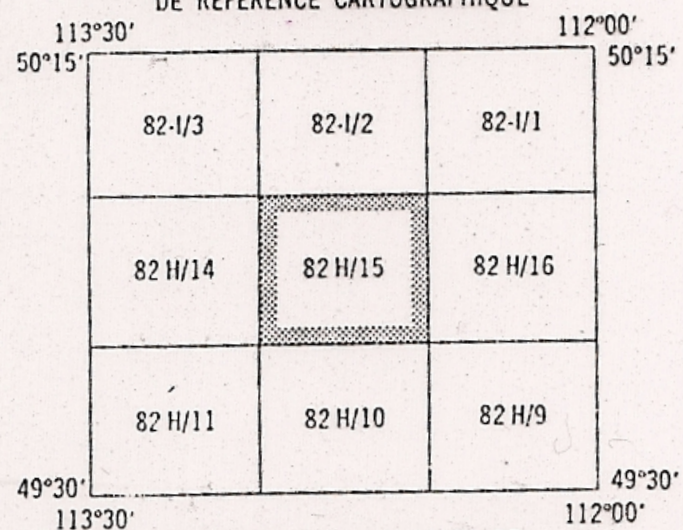
 **STREAM**

 **MARSH**



Map Name and Reference

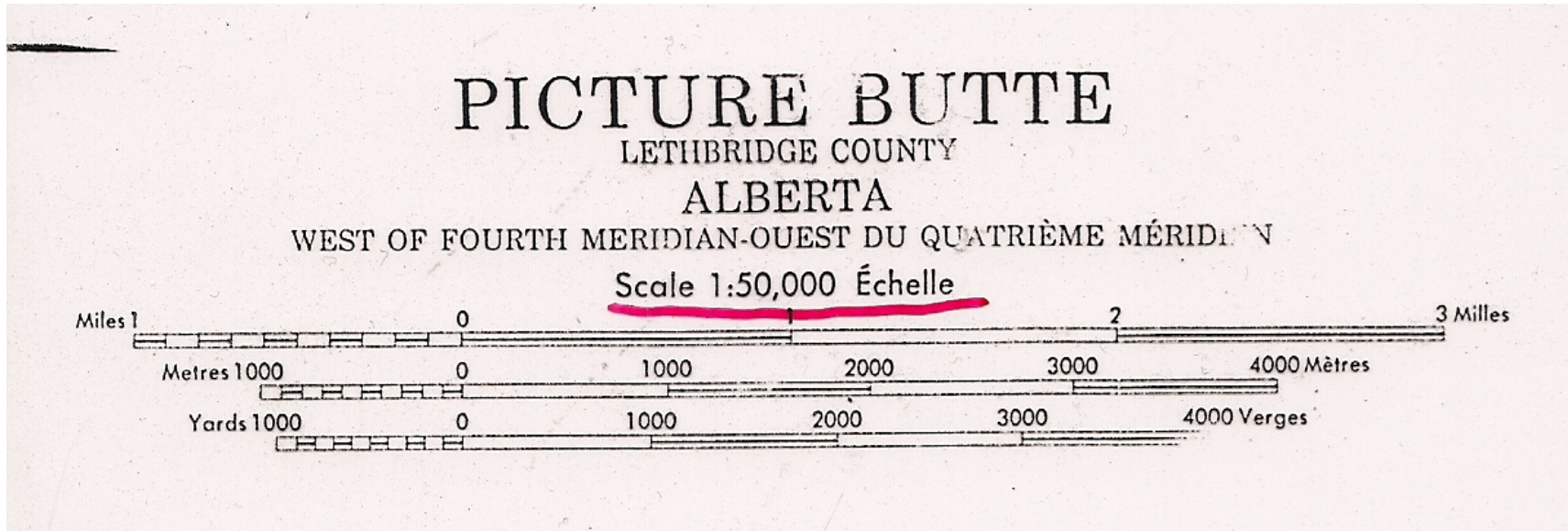
TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE



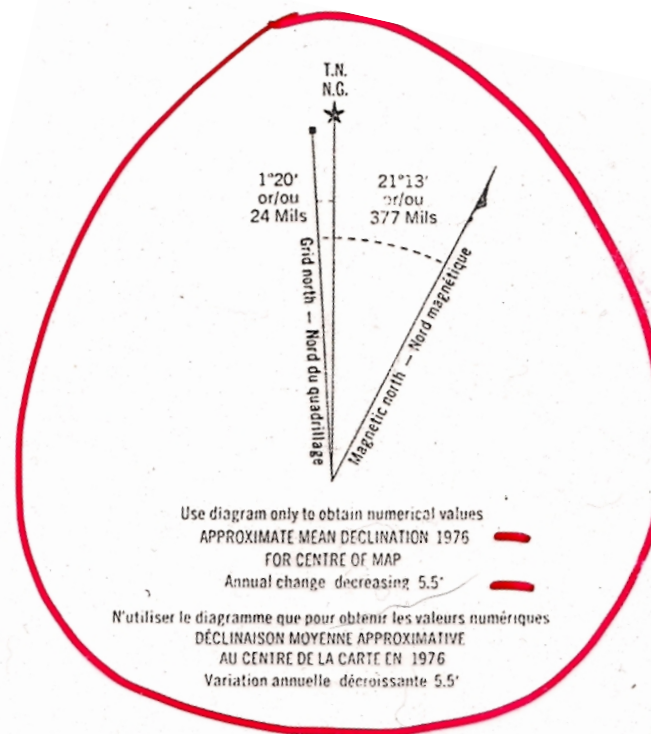
INDEX TO ADJOINING MAPS OF
THE NATIONAL TOPOGRAPHIC SYSTEM

PICTURE BUTTE
82 H/15
EDITION 2

Map Scale



Map Declination

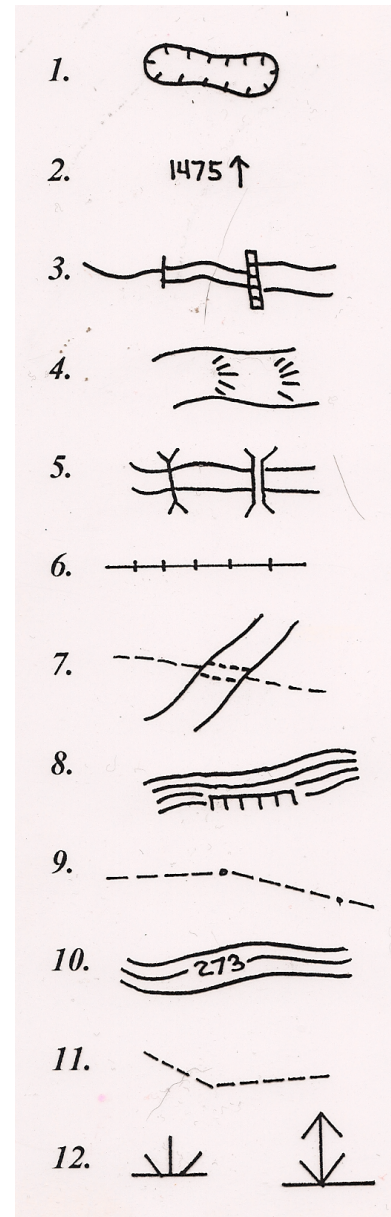


ONE THOUSAND METRE
 UNIVERSAL TRANSVERSE MERCATOR GRID
 ZONE 12
 QUADRILLAGE DE MIL ET MÈTRES
 TRANSVERSE UNIVERSEL DE MERCATOR

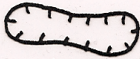
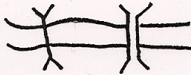
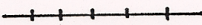
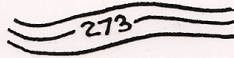
GRID ZONE DESIGNATION: DÉSIGNATION DE LA ZONE DU QUADRILLAGE:	100,000 M. SQUARE IDENTIFICATION IDENTIFICATION DU CARRÉ DE 100,000 M.
12U	UL

Legend Exercise

Write down what you think each symbol represents



Exercise Answers

1.		<i>DEPRESSION</i>
2.	1475 ↑	<i>BENCH MARK/ELEVATION</i>
3.		<i>DAM</i>
4.		<i>RAPIDS</i>
5.		<i>FOOT/TRUCK BRIDGE</i>
6.		<i>RAILWAY</i>
7.		<i>FORD</i>
8.		<i>CLIFF</i>
9.		<i>POWER LINE</i>
10.		<i>CONTOUR ELEVATION</i>
11.		<i>CUT LINE OR TRAIL</i>
12.		<i>MARSH/MUSKEG</i>

Exercise Beaver Mines 82G/8

- 1) What is the scale?
- 2) What is the grid zone designation?
- 3) What is the year of update/ culture check?
- 4) What is the contour interval?
- 5) What is the next sheet to the north?
- 6) What is the Datum of this sheet?
- 7) What feature is SE corner of Beauvais Lake?

Exercise Beaver Mines 82G/8

Answers

- 1) What is the scale? 1:50 000
- 2) What is the grid zone designation? 11U
- 3) What is the year of update? 1975 (vary)
- 4) What is the contour interval? 100'
- 5) What is the next sheet to the north? 82G/9
- 6) What is the Datum of this sheet? NAD 27
- 7) What feature is SE corner of Beauvais Lake?

Swamp/ marsh



MY GOD...
I **AM** ONE OF THOSE
FOOFY LITTLE DOGS.

guy &
rGod