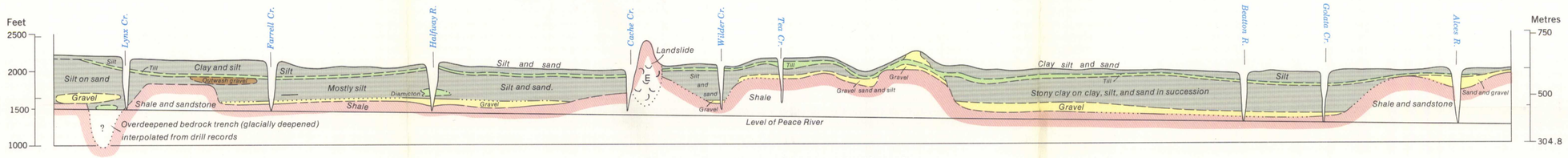
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES



Diagrammatic stratigraphy of the north side of Peace River

Vertical exaggeration X20

LEGEND

- **Ap** — *MODERN ALLUVIUM:* gravel, sand, minor silt, at or near present stream level
- **At** — *TERRACE DEPOSITS:* gravel, sand, minor silt
- **E** — *EOLIAN SAND:* mostly dating from early postglacial time and now fixed by vegetation
- **S** — *STEEP SLOPES:* eroded bluffs
- A_p^G — *FLUVIOGLACIAL DEPOSITS:* sand, largely deltaic and in the form of an apron
- A_h^G gA_p^G — *FLUVIOGLACIAL DEPOSITS:* gravel and sand; A_h^G kames; gA_p^G spillway floor deposits
- L_p^G — *GLACIOLACUSTRINE DEPOSITS:* clay silt, minor sand and shoreline gravel; material generally more than 6 feet thick
- L_v^G — *GLACIOLACUSTRINE DEPOSITS:* silt and stony silty clay; generally less than 6 feet thick
- Mp Mv — *GLACIAL DEPOSITS:* till and stony silty clay, locally including thin and patchy cover of lacustrine material; deposit of the last glaciation; Mp.-thick, Mv.-thin, (thickness on section locally exaggerated for purposes of printing)
- *INTERGLACIAL ALLUVIUM:* mostly gravel (on section only)
- *Bedrock (on section only)*
- a b — *VALLEY FILL:* gravel, sand, silt, clay, stony clay generally underlying glaciolacustrine deposits and/or till.
  a. dating from last interglaciation.
  b. dating from penultimate interglaciation

Occurrence of erratic material:
derived from eastern sources . . . . . E *western sources* . . . . . W

Geological boundary (position defined, approximate, assumed)

Fluted and drumlinized (well defined, poorly defined)

Hummocky terrain

Kame topography

Mapped shoreline

Meltwater channel

Dune topography

Landslide topography

Incipient landslide topography

Gravel pit

GRAVEL PITS

1. Ostero pit
2. Halfway pits
3. Blair pit
4. Burr pit
   Howe pit
5. McLean pit
6. Imperial pit
7. Thomas (?)
8. Unnamed pit
9. Unnamed pit
10. Cameron River pit
11. Cameron River pit
12. Rose Prairie pits
13. Inga pit
14. Doig River pit
15. Milligan Creek pit
16. Upper Beatton River pits

Geology by W.H. Mathews. 1950, 1952, 1971, 1972

To accompany Paper 76-20 by W.H. Mathews

Geological cartography by F.S. Yeager and D.G. Brown, Geological Survey of Canada

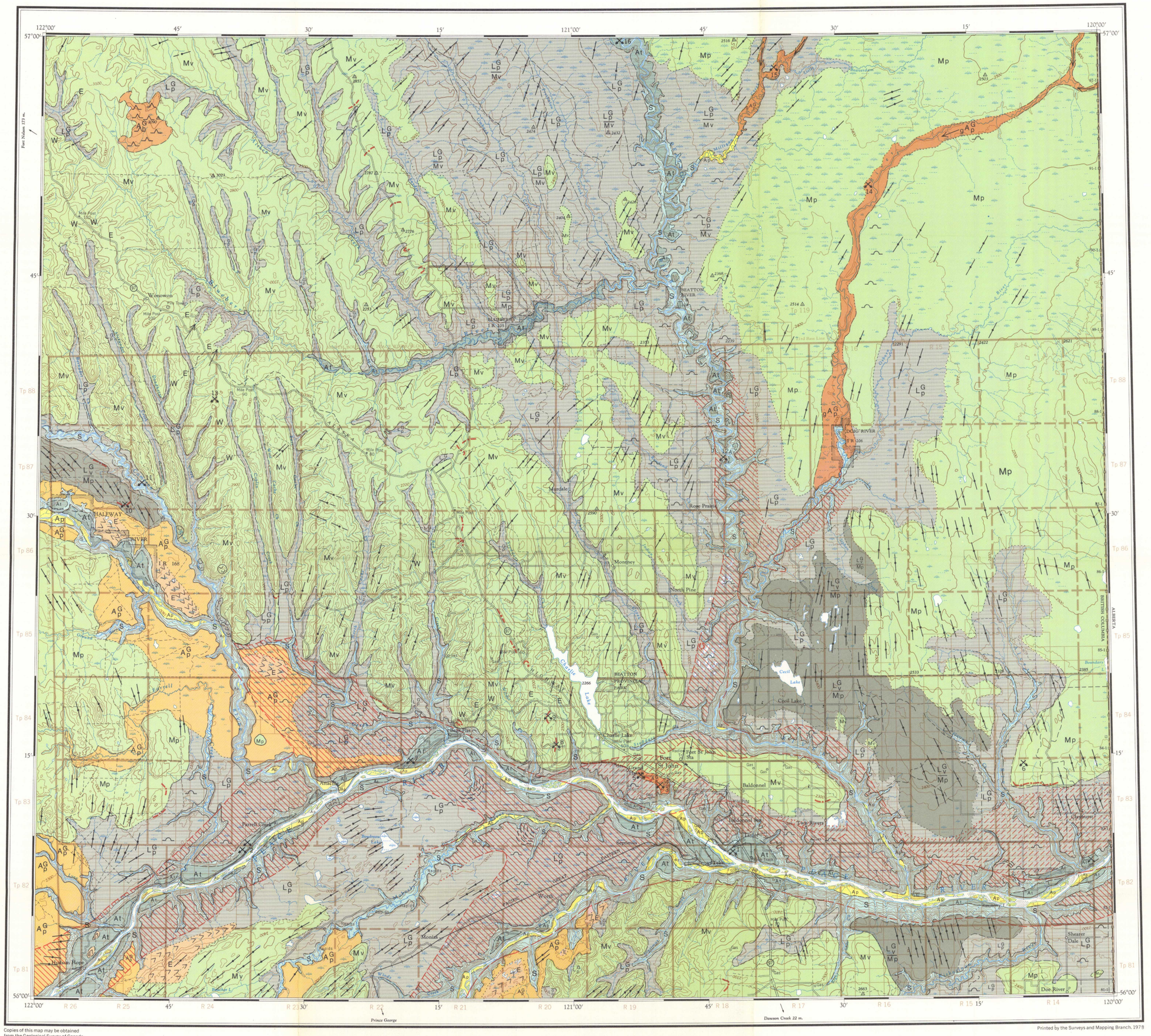
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map at the same scale published by the Surveys and Mapping Branch in 1962

Copies of the topographical edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa

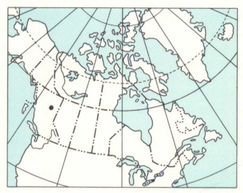
Mean magnetic declination 1977, 27°39' East, decreasing 5.2' annually. Readings vary from 26°56' in the SE corner to 28°20' in the NW corner of the map-area

Elevations in feet above mean sea-level



Printed by the Surveys and Mapping Branch, 1978

Copies of this map may be obtained from the Geological Survey of Canada:
601 Booth Street, Ottawa, Ontario K1A 0E8
3303-33rd Street, N.W., Calgary, Alberta T2L 2A7



INDEX MAP

MAP 1460A

SURFICIAL GEOLOGY

CHARLIE LAKE

PEACE RIVER DISTRICT

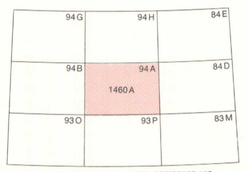
BRITISH COLUMBIA

Scale 1:250,000

Kilometres 6 0 6 12 18 Kilometres

Miles 4 0 4 8 Miles

Universal Transverse Mercator Projection



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO GEOLOGICAL SURVEY OF CANADA MAPS

MAP 1460A
CHARLIE LAKE
BRITISH COLUMBIA
1460A