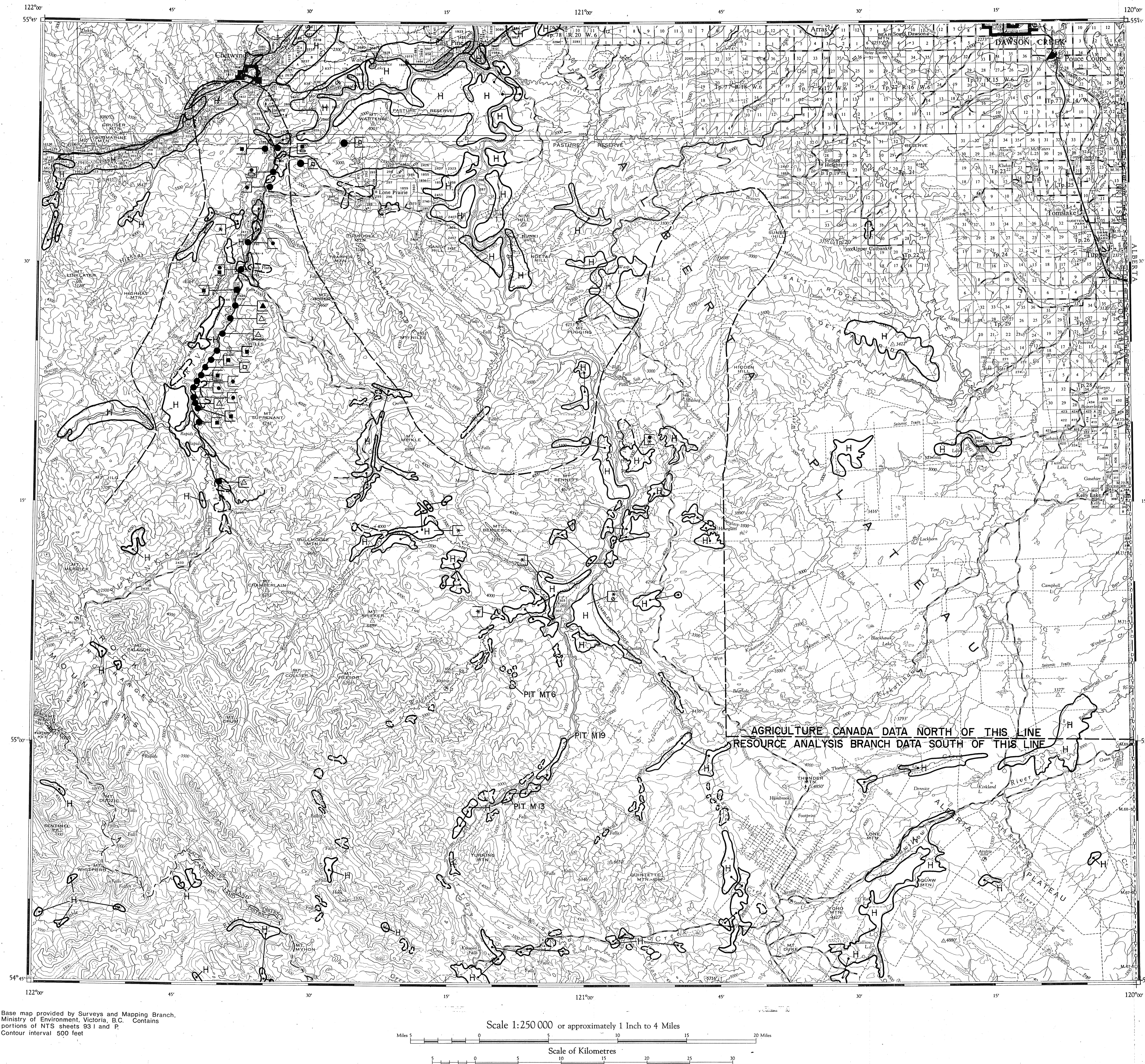


NORTHEAST COAL STUDY CORE AREA RESOURCE PLANNING FRAMEWORK

SAND AND GRAVEL RESOURCES



REGIONAL SOILS MAPPING DATA

- AREAS OF HIGH POTENTIAL FOR SAND AND GRAVEL (based on soils analysis)
- OTHER AREAS OF POTENTIAL SAND AND GRAVEL RESOURCES (information obtained from a variety of sources).

NOTES ON REGIONAL SOILS DATA

- The areas of high sand and gravel potential consist of fluvial and glacio-fluvial deposits which occur above present-day (active) floodplains.
- Active floodplain materials may contain sand and gravel deposits, but are not mapped here because their utilization could be detrimental to fisheries.
- Ratings are based on an assessment of soils. Potential sources of sand and gravel which are located beneath a mantle of finer-textured materials are not mapped; nor are relatively widespread bedrock and colluvial materials which have been used as aggregate from time to time.
- No attempt is made here to infer from soils data the types of uses to which the sand and gravel materials could be put.

SPECIFIC PIT DATA

- PRODUCING PIT (SAND AND/OR GRAVEL)
- POTENTIAL PIT SITE
- POTENTIAL BORROW MATERIAL
- PROVEN (TESTED) BORROW MATERIAL
- POTENTIAL BASE AND SURFACING GRADE
- PROVEN (TESTED) BASE AND SURFACING GRADE
- POTENTIAL CONCRETE AND ASPHALT GRADE
- △ SAND AND/OR GRAVEL POTENTIAL (SUITABILITY NOT IDENTIFIED)
- * QUALITY OF MATERIALS SAID TO BE EXCELLENT FOR STATED PURPOSE

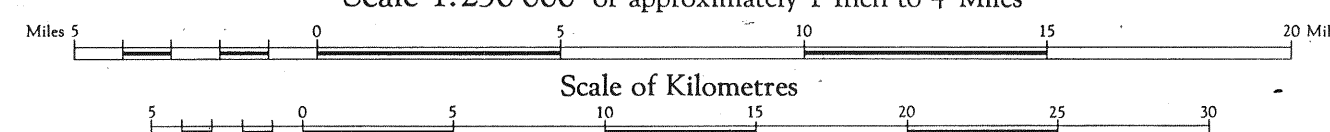
SOURCES

- Regional soils data north of the dashed line date from the 1960's, and were mapped by Agriculture Canada.
- Regional soils data south of the dashed line were mapped in 1976 by the (then) Resource Analysis Branch for the Northeast Coal Study.
- Other information has been obtained from:
 - Environmental Aspects of Proposed B.C.R. Branch Line-Chetwynd South Route - Stage 2 Assessment, Sept., 1980.
 - Gravel Resources in the Quintette Area-A Preliminary Study, Denison Coal Ltd., Feb., 1976.
 - Construction Aggregate Status Report-Northeast Coal Block, Bayrock and Reimchen, Dec., 1976.
 - Gravel Prospects-Tumbler Ridge Area, Geotechnical and Materials Branch, Jan., 1978.
 - Miscellaneous data from Geotechnical and Materials Branch, 1980.

Map 14

Base map provided by Surveys and Mapping Branch, Ministry of Environment, Victoria, B.C. Contains portions of NTS sheets 931 and P. Contour interval 500 feet

Scale 1:250 000 or approximately 1 Inch to 4 Miles



307235