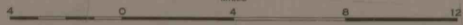


CANADA
DEPARTMENT OF MINES AND RESOURCES
MINES, FORESTS AND SCIENTIFIC SERVICES BRANCH
GEOLOGICAL SURVEY OF CANADA

PINCHER COAL AREA, ALBERTA

OUTER FOOTHILLS BELT

Scale: 1 Inch to 4 Miles = 1:253,440

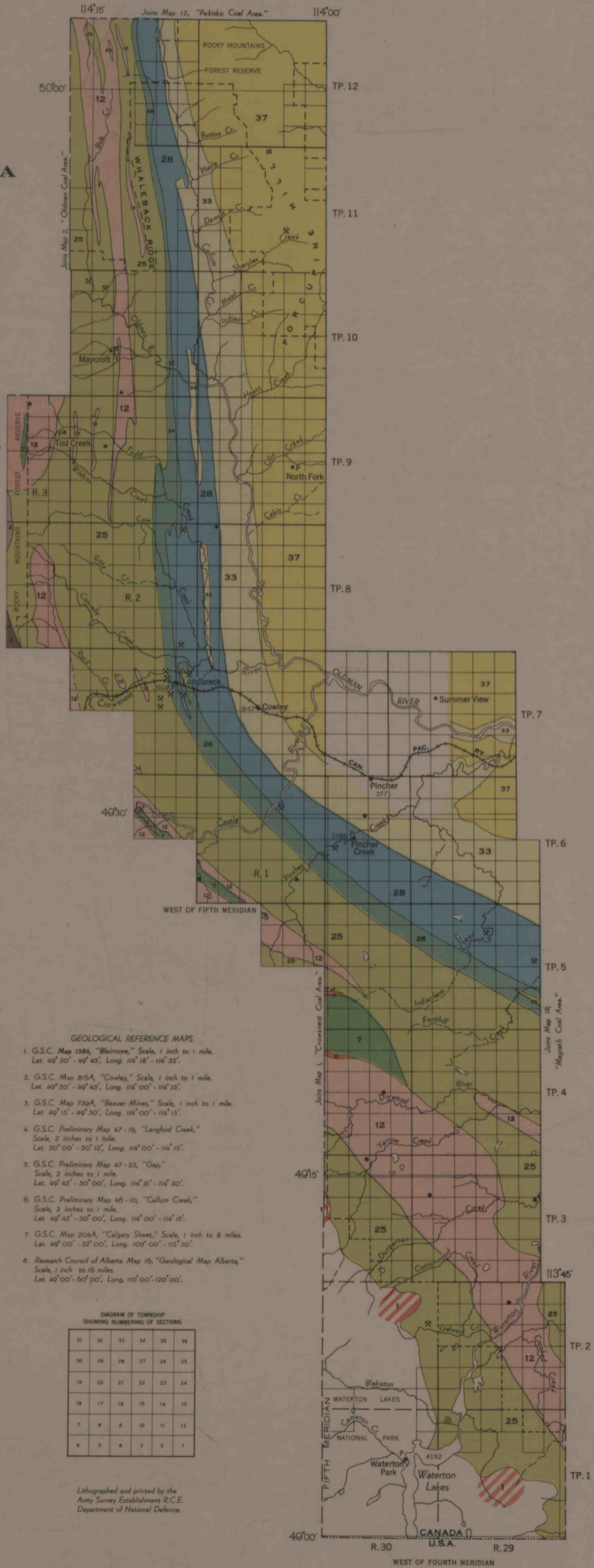


LEGEND

- CENOZOIC**
- TERTIARY PALEOCENE**
- 37 PORCUPINE HILLS FORMATION: sandstone, shale
- CRETACEOUS AND/OR TERTIARY UPPER CRETACEOUS AND/OR PALEOCENE**
- 33 WILLOW CREEK FORMATION: shale, sandstone
- CRETACEOUS UPPER CRETACEOUS**
- 28 ST. MARY RIVER FORMATION: sandstone, shale, coal
- 26 BEARPAW FORMATION: shale
- 25 BELLY RIVER FORMATION: sandstone, shale, coal seams in upper part
- MESOZOIC**
- 12 ALBERTA GROUP (12) BLACKSTONE, BIGHORN AND WAPIABI FORMATIONS: shale, sandy shale, sandstone
- 10 CROW'SNEST FORMATION: agglomerate, tuff
- LOWER CRETACEOUS BLAIRMORE GROUP (7)**
- 7 Sandstone, shale, conglomerate
- 5 KOOTENAY FORMATION: shale, sandstone, coal
- JURASSIC**
- 4 FERME FORMATION: shale
- PRECAMBRIAN PALAEOZOIC**
- 2 Cambrian, Devonian and Carboniferous Quartzite, limestone, dolomite
- Argillite, quartzite, limestone

- Cul mine *
- Bore-hole •
- Post Office PO
- International boundary - - - - -
- Township boundary (surveyed) - - - - -
- Township boundary (unsurveyed) - - - - -
- Section line - - - - -
- Forest Reserve boundary - - - - -
- Park boundary - - - - -
- Intermittent lake and stream ~~~~~
- Height in feet above mean sea level 3788

Cartography by the Geological Mapping Division, 1948.



GEOLOGICAL REFERENCE MAPS

- G.S.C. Map 1584, "Blairmore," Scale, 1 inch to 1 mile. Lat. 49° 30' - 49° 45', Long. 114° 15' - 114° 30'.
- G.S.C. Map 815A, "Cowley," Scale, 1 inch to 1 mile. Lat. 49° 30' - 49° 45', Long. 114° 00' - 114° 15'.
- G.S.C. Map 739A, "Beaver Mines," Scale, 1 inch to 1 mile. Lat. 49° 15' - 49° 30', Long. 114° 00' - 114° 15'.
- G.S.C. Preliminary Map 47-19, "Langford Creek," Scale, 2 inches to 1 mile. Lat. 50° 00' - 50° 15', Long. 114° 00' - 114° 15'.
- G.S.C. Preliminary Map 47-23, "Gap," Scale, 2 inches to 1 mile. Lat. 49° 45' - 50° 00', Long. 114° 00' - 114° 30'.
- G.S.C. Preliminary Map 46-10, "Callum Creek," Scale, 2 inches to 1 mile. Lat. 49° 45' - 50° 00', Long. 114° 00' - 114° 15'.
- G.S.C. Map 206A, "Calgary Sheet," Scale, 1 inch to 8 miles. Lat. 49° 00' - 52° 00', Long. 109° 00' - 115° 30'.
- Research Council of Alberta Map 16, "Geological Map Alberta," Scale, 1 inch to 10 miles. Lat. 49° 00' - 60° 00', Long. 110° 00' - 120° 00'.

DIAGRAM OF TOWNSHIP SHOWING NUMBERING OF SECTIONS

31	32	33	34	35	36
26	27	28	29	30	31
21	22	23	24	25	26
16	17	18	19	20	21
11	12	13	14	15	16
6	7	8	9	10	11

Lithographed and printed by the Army Survey Establishment R.C.E. Department of National Defence.