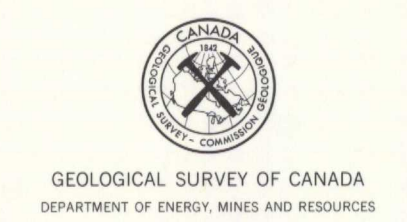


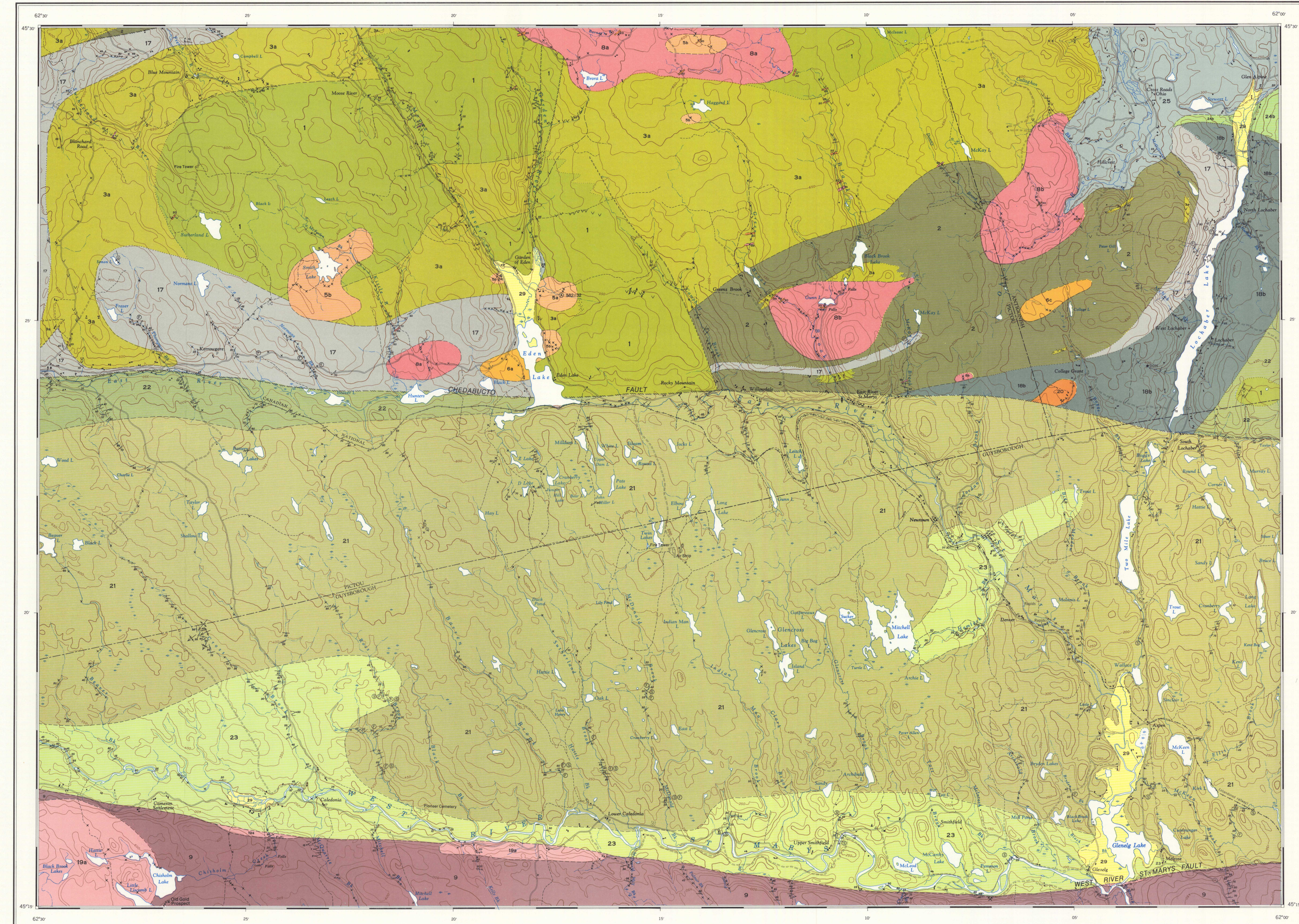
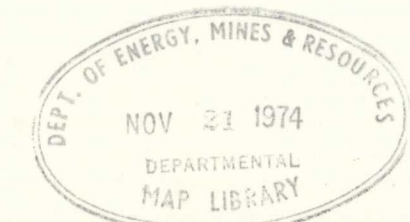
LEGEND  
Map-units shown by uncoloured legend blocks do not appear on this map



- QUATERNARY  
PLEISTOCENE AND RECENT
- 29 Sand and gravel
- CARBONIFEROUS  
UPPER CARBONIFEROUS  
PICTOU GROUP
- 28 Light grey medium- to coarse-grained arenite and wacke and minor conglomerate
- CUMBERLAND GROUP
- 27 NEW GLASGOW CONGLOMERATE: Medium greyish red pebble to cobble conglomerate and interbedded medium- to coarse-grained wacke
- 26 CANIO GROUP  
26B: medium grey fine-grained wacke, siltstone and silty shale with calcareous layers; minor greyish red siltstone; 26A: LISMORE FORMATION: greyish red and greenish grey wacke, siltstone and conglomerate; greyish red and light grey mudstone, siltstone and minor red conglomerate
- LOWER CARBONIFEROUS  
WINDSOR GROUP
- 25 25A: medium grey argillaceous limestone, calcitic limestone and minor calcareous shale; 25b: as 25c with gypsum and anhydrite; 25c: light grey and greyish red mudstone and siltstone, medium grey calcareous shale and argillaceous limestone, minor red conglomerate
- HORTON GROUP (21-24)
- 24 RIGHTS RIVER FORMATION: 24a: greyish red fine-grained micaceous wacke and siltstone, cobble conglomerate and amygdaloidal basalt and minor calcareous siltstone and argillaceous limestone; 24b: greyish red boulder conglomerate and micaceous wacke, (stratigraphic equivalent to 21, 22 & 23)
- 23 AINSLIE FORMATION: greyish red and greenish grey mudstone and siltstone. Greyish red pebble to boulder conglomerate (may be partly equivalent to 22)
- 22 STRATHLORNE FORMATION: medium to dark grey siltstone, shale and fine-grained quartz wacke. Minor black carbonaceous shale
- 21 CRAIGNISH FORMATION: light to medium grey fine- to coarse-grained quartz arenite and quartz feldspar arenite, dark grey siltstone and minor grit
- DEVONIAN AND EARLIER (?)
- 20 Dark green fine- to medium-grained diabase
- 19 19a: light grey biotite and muscovite granite, minor moderate orange pink granite; 19b: moderate red fine- to medium-grained granite
- 18 LOWER DEVONIAN (Lower and Middle Dittonian and Upper Downtonian)  
MOYDART FORMATION: 18a: greyish red mudstone, siltstone and fine-grained wacke; 18b: greyish red siltstone, fine-grained wacke and shale, greenish grey and greyish purple shale and argillite, minor calcareous mudstone (Gedinnian and Skala)
- 16 ARISAIG GROUP (11-17)  
STONEHOUSE FORMATION: bluish grey calcareous wacke and siltstone
- SILURIAN  
UPPER SILURIAN (Ludlow)
- 15 MOYDART FORMATION: greenish grey mudstone, wacke and siltstone, minor fragmental limestone; red calcareous mudstone at top of formation (Wenlock)
- 14 MCADAM FORMATION: grey mudstone, wacke, shale, calcareous wacke, arenaceous limestone and dark grey nodular wacke
- 13 FRENCH RIVER FORMATION: bluish grey fine-grained wacke and mudstone
- LOWER SILURIAN (Middle and Upper Llandovery)
- 12 ROSS BROOK FORMATION: dark grey mudstone and shale overlain by bluish grey interbedded mudstone and wacke (Lower Llandovery)
- 11 BEECHHILL COVE FORMATION: greenish and bluish grey wacke and siltstone
- ORDOVICIAN  
UPPER ORDOVICIAN (?)
- 10 DUNN POINT VOLCANICS: red rhyolite and tuff and dark green amygdaloidal andesite and volcanic breccia
- LOWER ORDOVICIAN (?)
- 9 MEGUMA GROUP (8)  
GOLDENVILLE FORMATION: greenish grey to medium grey quartzite, quartz wacke and phyllite, minor greywacke and andesite and staurolite schist (stratigraphic relationships to Browns Mountain Group unknown)
- 8 8a: brownish grey medium-grained hornblende granite (in part cataclastic) to syenite; 8b: pale red quartz feldspar granodiorite to granite and minor dykes
- ORDOVICIAN AND LATER
- 7 MALIGNANT COVE FORMATION: greyish red pebble to boulder conglomerate and wacke
- CAMBRO-ORDOVICIAN
- 6 6a: dark greenish grey to black medium-grained diorite; 6b: dark greenish grey medium- to coarse-grained hornblende diorite; 6c: dark greenish grey medium-grained gabbro to diorite (may be intrusive equivalent to volcanics of 3)
- 5 5a: light grey to light pinkish grey medium-grained hornblende andesite (intrudes 1); 5b: pale red to light grey fine- to medium-grained granodiorite (intrudes 1 and possibly 3)
- BROWNS MOUNTAIN GROUP (1, 3, 3 and 4)
- 4 LITTLE HOLLOW FORMATION: greyish red and dark grey siltstone and quartzite and minor ferruginous wacke
- 3 BRIERLY BROOK FORMATION: 3a: dark green andesite, tuff and breccia and dark green and dusky red greywacke, wacke and minor laminated argillite; 3b: almost entirely andesite; 3c: light grey dacite included with 3a. Minor amphibolite near contact with intrusive bodies, in particular 5 and 6
- 2 BAXTER BROOK FORMATION: light olive grey to greenish grey laminated fine-grained siltstone and argillite, and tuff with minor interbedded dark green andesite
- 1 KEPPOCH FORMATION: light grey to brownish grey and pale red leuco-dacite to rhyolite, porphyritic rhyolite and minor rhyolite breccia and tuff. Minor medium grey quartzite and black phyllite

- Rock outcrop .....  
Outcrop of volcanic rock .....  
Geological boundary (defined, approximate, assumed) .....  
Bedding, tops known (horizontal, inclined, vertical, overturned) .....  
Bedding, tops unknown (inclined, vertical) .....  
Schistosity (inclined, vertical) .....  
Foliation (inclined, vertical) .....  
Joint (inclined, vertical) .....  
Drag-fold (arrow indicates plunge) .....  
Fault (defined, approximate, assumed) .....  
Anticline (defined, arrow indicates direction of plunge) .....  
Syncline (defined, arrow indicates direction of plunge) .....  
Glacial striae (direction of ice movement known, unknown) .....  
Gravel deposit .....  
Fossil locality .....  
Spore sample .....  
Quarry .....  
Mineral occurrence .....  
Age determination (in millions of years) .....  
Diamond drill hole .....  
Sink holes .....  
SHO

| MINERALS     |         |
|--------------|---------|
| Copper       | .....S  |
| Gypsum       | .....Zn |
| Lead         | .....Po |
| Salt springs | .....   |



MAP 1360A  
GEOLOGY  
**LOCHABER**  
NOVA SCOTIA  
Scale 1:50,000

Published by the Survey and Mapping Branch, 1973

Base-map at the same scale published by the Army Survey Establishment, R.C.E. in 1953. Roads and drainage were revised by the Geological Survey of Canada for this edition.

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

Approximate magnetic declination 1973, 23° as 2° West, decreasing 2° annually

Elevations in feet above mean sea-level

Geology by D.G. Benson 1962-1966  
To accompany Memoir 376 by D.G. Benson  
Geological cartography by the Geological Survey of Canada  
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

MINERALS  
Copper .....S  
Gypsum .....Zn  
Lead .....Po  
Salt springs .....

INDEX MAP

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