HUGHES-OWENS
313 1102

REF. or DRAWING No. 775
DETAILS CODROY 110/14

110/14/97.
HUGHES-OWENS
313 1102

MINERAL DEVELOPMENT DIVISION
DEPARTMENT OF MINES AND ENERGY
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

CODROY SHEET LEGEND

CARBONIFEROUS

PENNSYLVANIAN

Barachois Group

13 Searston Formation. Green-grey and red, arkosic and micaceous sandstone, intraformational conglomerate, red, green, blue-grey, grey and black siltstone and mudstone, fining upward fluviatile cycles

12 Overfalls Formation Dark red to brown conglomerate, breccia and pebbly sandstone, red, micaceous and arkosic sandstone, red siltstone, rare grey shale Probably in part equivalent to the Searston Formation, disconformable upon 10

MISSISSIPPIAN

Codroy Group

11 Woody Head Formation Green-grey, calcareous, micaceous and arkosic sandstone, green-grey siltstone, grey to black mudstone, algal limestone, concretionary limestone, pale grey calcrudite, and concretionary limestone, pale grey calcareous shale, occasional red siltstone - probably in part equivalent to lower part of North Branch Formation (10)

10 North Branch Formation Red siltstone, green siltstone, numerous thin, fine-grained green-grey sandstone, red coarse conglomeratic units (10a), thin fossiliferous limestone, dolomitic limestone, nodular massive limestone and dolomite (10b), thick sandstone, alternating with red and grey siltstones and shale, rare dark grey fossiliferous limestone and abundant pale grey caliche limestone at top of formation

9 Woodville Formation Grey gypsiferous shale, red, green, blue-grey, grey siltstone and shale, thin very fine red and green sandstone, black fossiliferous limestone (9a), yellow dolomitic fossiliferous limestone, black calcareous, bioturbated, fossiliferous mudstone (9b), gypsum, yellow calcareous sandstone interbedded with red siltstone, yellow limestone breccia (9c)

8 Ship Cove Formation Laminated grey micritic limestone, stromatolitic (LLH type), intraformational breccia, massive micrite, pel-oo-micrite, argillaceous limestone with solution molds of evaporite minerals, interbedded with clean sandstone in south, with green calcareous shale in northeast

DISCONFORMITY

Anguille Group

7 Spout Falls Formation Green-grey and red, calcareous, arkosic, micaceous, friable sandstone interbedded with red and rarely green siltstone containing caliche, fining upwards cycles

6 Friars Cove Formation. Basal conglomerate (Cape Anguille conglomerate) interbedded with and overlain by grey subarkosic sandstone, grey shale and mudstone with thin sandstone, minor red pebble conglomerate, red sandstone, sandy limestone, stromatolitic limestone, dark grey siltstone and fine sandstone in southeast beneath unit 8, well sorted clean sandstone in south beneath unit 8

5 Mary Ann's Cove Formation Black slate with thin sandstone and thick deformed units at base, regularly bedded grey turbidite sandstone and black slate, with thick units of black siliceous mudstone with thin sandstone, siltstone and dolomitic mudstone, lensoid quartz pebble conglomerate, in the upper part

Pre-Anguille?

4 Kennel's Brook Formation Green-grey and red, indurated micaceous and arkosic sandstone, pebble sandstone, red and green slate, caliche No basal contact exposed

DEVONIAN OR EARLIER

3 Long Range Mafic-Ultramafic Complex. 3a Lower sheet comprising dunite with minor harzburgite, lherzolite and wehrlite 3b Amphibolite 3c Upper sheet comprising well banded, feldspathic dunite, troctolite, olivine gabbro, and norite overlain by massive coarse to fine grained gabbro

2 Cape Ray Granite Pink, mafic-poor, fine grained equigranular to coarse grained megacrystic quartz monzonite

GRENVILLIAN ?

1 Long Range Gneiss Tonalitic gneiss with inclusions of amphibolite and garnet-biotite paragneiss

GEOLOGICAL SYMBOLS

- Drift covered area
- Geological boundaries (defined, approximate, assumed)
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, tops unknown (inclined, vertical)
- Bedding, general trend (dip unknown, dip known, top unknown)
- Primary igneous layering, tops known (inclined)
- Primary igneous layering, tops unknown (inclined)
- Gneissic banding
- Gneissic foliation (inclined)
- Schistosity S_1 (inclined, vertical)
- S_2 (inclined, vertical)
- Drag fold, plunge indicated by arrow
- Structural trend (from air photographs)
- Fault (defined, approximate, assumed)
- Fault (inclined, vertical)
- Fault (solid circle indicates down throw side, arrows indicate relative movements)
- Thrust fault (teeth in direction of dip, defined, approximate, assumed)
- Vein (defined, inclined)
- Anticline (defined, approximate)
- Syncline (defined, approximate)
- Anticline and syncline (overturned)
- Fossil locality
- Gypsum or sinkhole
- Quarry (abandoned)
- Drill Hole (dry abandoned)
- Mineral occurrence

Copper	Cu	Barium	Ba
Lead	Pb	Fluorine	Fl
Uranium	u	Limestone	Ls
Zinc	Zn	Quartz	q

Geology by P Brown (1975) and I Knight (1974, 1975)

Geological cartography by Mineral Development Division, Department of Mines and Energy, Government of Newfoundland

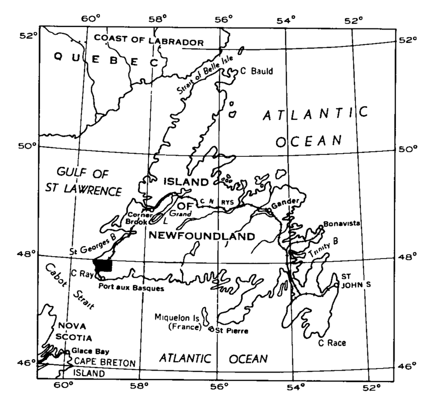
Copies of this map may be obtained from the Mineral Development Division, of Mines and Energy, St John's, Newfoundland

Base maps at same scale published by the Surveys and Mapping Branch Department of Energy, Mines and Resources, Ottawa

Approximate magnetic declination, 1972, 27°10′, decreasing 3 4′ annually

Elevation in feet above mean sea level

This map is available as map 775 to accompany report 77-4 by P Brown and I Knight



Roads	Routes
hard surface all weather	pavee toute saison
hard surface all weather	pavee toute saison
loose or stabilized surface all weather	gravier aggloméré toute saison
loose surface dry weather and unclassified streets	de gravier temps sec et rues hors classe
cart track	de terre
trail or portage	sentier ou portage

dual highway / 2 chaussees separees; more than 2 lanes / plus de 2 voies; 2 lanes / 2 voies; less than 2 lanes / moins de 2 voies; 2 lanes or more / 2 voies ou plus; less than 2 lanes / moins de 2 voies

MAP 775
CODROY
NEWFOUNDLAND

Scale 1 50,000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Metres
Yards 1000 0 1000 2000 3000 4000 Verges