

Map 1294A Banff East Half (Geological). Geological Survey of Canada Department of Energy, Mines and Resources. Contains information licensed under the Open Government Licence – Canada, http://open.canada.ca/en/open-government-licence-canada

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DEVONIAN

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CAMBRIAN

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WINDERMERE

SKOKI FORMATION: dolomite, mainly grey, finely and very finely crystalline, partly siliceous

TIPPERARY FORMATION: light grey to dark grey quartz sandstone, dolomitic sandstone, and

OUTRAM FORMATION: limestone, grey, dense, nodular, rhythmically bedded, with argillaceous and siliceous tracery; much chert; minor brown shale, (up to 400')

SURVEY PEAK FORMATION: interbedded shale, grey, calcareous, and limestone (partly dense,

partly fragmental, partly algal masses); minor chert; basal shales: grey to olive, calcareous,

weathering pale greenish grey; with minor limestone (mainly flat pebble conglomerate) and

MISTAYA FORMATION: limestone, partly dense. partly fragmental; dolomitized equivalents;

BISON CREEK FORMATION: interbedded shale and mudstone, grey and greenish grey, calcareous;

LYELL FORMATION: limestone, partly dense, dolomite-mottled; partly dense, laminated; locally

SULLIVAN FORMATION: interbedded shale, greenish grey to brown, calcareous; and limestone,

WATERFOWL FORMATION: limestone, mainly dense, with dolomite mottling and liminae; partly

ARCTOMYS FORMATION: interbedded shale, purple-red, green, grey; and siltstone, yellow,

PIKA FORMATION: limestone, dense, mainly flaggy; with dolomite partings and mottling; minor

flat-pebble conglomerate and oolite; derived secondary dolomite; minor shale near the base

ELDON FORMATION: limestone, mainly dense, dolomite-mottled, massive; dolomite, fine to

STEPHEN FORMATION: interbedded shale, grey to green; and limestone, partly dense, flaggy

CATHEDRAL FORMATION: limestone, mainly dense massive, dolomite mottled, dolomitized

MOUNT WHYTE FORMATION: interbedded shale, greenish grey; siltstone, green to grey; and

Mainly sandstone and quartzite, yellow-grey to white, thin to thick bedded, partly glauconitic; minor shale, grey, green, purple-red

Grey slate, shale, and siltstone; poorly sorted grey and greenish grey feldspathic quartz

sandstone and pebble and granule conglomerate; green and purple slate; dense

coarse-crystalline, largely mottled, largely or entirely secondary

with dolomite partings, partly fragmental, minor oolite

mestone, mainly fragmental, partly oolitic

mestone and sandy limestone conglomerate

equivalents; mainly mottled

LOWER CAMBRIAN AND EARLIER(?)

MIETTE GROUP (HADRYNIAN)

GOG GROUP

dolomitic; minor dolomite, grey to yellow; mud-cracks, ripple marks, salt crystal casts

silty and sandy, minor fragmental and oolitic limestone; derived secondary dolomite

partly fossiliferous; minor chert masses

dolomitic siltstone

ORDOVICIAN AND UPPER CAMBRIAN

LYNX GROUP (€wf-€m)

MIDDLE AND UPPER CAMBRIAN

MIDDLE CAMBRIAN

minor chert; prominent algal stromatolites

and limestone, partly fragmental, partly dense

silty and sandy; massive; dolomitized equivalents

mainly fragmental, partly oolitic; dense, algal masses

siltstone

UPPER CAMBRIAN



Map 1294A BANFF (East Half) ALBERTA - BRITISH COLUMBIA

