



Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources
 MINERAL RESOURCE DIVISION
 GEOLOGICAL SURVEY BRANCH
 OPEN FILE 1989-8 (SHEET 1 OF 2)
GEOLOGY AND MINERAL OCCURRENCES OF THE GALORE CREEK AREA
 NTS 104G/3 AND 04
 JAMES M. LOGAN, VICTOR M. KOYANAGI AND DAVID RHYS
 SCALE 1:50 000

LEGEND

LAYERED ROCKS

QUATERNARY

Qal UNCONSOLIDATED GLACIAL FILL AND POORLY SORTED ALLUVIUM

MIDDLE JURASSIC(?)

mla ANTRON, SILTSTONES, ARENACEOUS SANDS

LOWER TO MIDDLE(?) JURASSIC

mln HELIO TURFITE, AIRFALL TURF, MAY CONTAIN COALY MATERIAL

mls LIMY SILTSTONES, FRAGILE SHALE, MAROON VOLCANIC CONGLOMERATE

mljg POLYFRACTIC BOULDER CONGLOMERATE, GRANITE, VOLCANIC CLASTS

UPPER TRIASSIC

utsa SILTSTONE, SANDSTONE, CONGLOMERATE, MAROON LAMINATED SANDSTONE

utsb WELL-BEDED GREEN AND MAROON LAPILLASH TURFS AND EPICLASTICS

utsp FROGNE-PORPHYRY FLOWS AND FRAGMENTALS

utsd INTERMEDIATE TO MAFIC FRAGMENTALS, BRECCIA, TURF, LAPPA

MIDDLE TO UPPER TRIASSIC

utsv MASSIVE ANDESITE FLOWS AND TURFS, AMPHIBOLIC, BASALT

MIDDLE TRIASSIC

mts CARBONACEOUS SILTY SHALE WITH ELIPTICAL CLONATIONS, SILICEOUS AND LIMY SILTSTONES CONTAINING MAROON

STIKINE ASSEMBLAGE

pi1 LIGHT GREY MASSIVE TO THICKLY-BEDED BUFF, BIOCLASTIC CALCARENITE

pi2 DARK GREY TO BUFF THIN-BEDED, BIOCLASTIC LIMESTONE, CHEST INTERBEDS, AMPHIBOLIC SILTY SHALE

ps FOLIATED MAROON AND GREEN EPICLASTICS AND LAPILL TURFITE

PERMAN AND OLDER

pv PLAGIOCLASE PORPHYRY FLOWS, VOLCANICLASTICS, PURPLE ASH TURF, CHLORITE BONET

ps SILVER PHYLITE, SLATE AND PHYLITIC ARGILLITE

pu UNDIVIDED GREEN AND MAROON FOLIATED METAVOLCANICS AND METASANDSTONES

MISSISSIPPIAN

mi1 DARK GREY, MASSIVE TO THIN-BEDED CALCARENITE, CHEST INTERBEDS

ma PHYLITIC TURF, INTERFINGERING LIMESTONE CONGLOMERATE

mi2 PALE GREY COARSE-GRAINED CRINOIDAL CALCARENITE, INTERBEDDED TURFS AND FLOWS

INTRUSIVE ROCKS

tp PLAGIOCLASE PORPHYRY DIORITE

tm BIOTITE QUARTZ MONZONITE

JURASSIC TO TERTIARY

jtg MEDIUM-GRAINED, PINK, BIOTITE GRANITE

jtd MEDIUM-GRAINED, BIOTITE HORNBLENDE DIORITE

jtm POTASSIUM-FELDSPAR MEGACRYSTIC GRANITE TO MONZONITE

EARLY TO MIDDLE JURASSIC

emjg SILICEOUS, ORTHOCLASE PORPHYRY MONZONITE

emjg MEDIUM-GRAINED, HORNBLENDE, BIOTITE GRANODIORITE TO MONZONITE

MIDDLE TRIASSIC

mtsh MEDIUM-GRAINED, BIOTITE HORNBLENDE DIORITE

mtsh COARSE TO MEDIUM-GRAINED, BIOTITE, HORNBLENDE, AUGITE DIORITE TO GABBRO

ULTRAMAFICS

p PYROXENITE

Geological contact (defined, approximate, assumed) ————

Unconformable contact (defined, assumed) ————

Bedding (horizontal, inclined, overturned) ————

Foliation ————

Fault (observed, inferred) ————

Thrust or high angle reverse fault (defined, assumed) ————

Anticline (direction of plunge indicated) ————

Syncline (direction of plunge indicated) ————

Minor fold axis (S, Z, and M symmetry), lineation ————

Joint ————

Dyke ————

Vein ————

Limit of geologic mapping (limit of permanent snow and ice) ————

Macro fossil locality (indefinite, positive identification) ————

Micro fossil locality ————

Isotopic age determination site ————

Assay sample site ————

MINFILE location ————

Regional Geochem Survey sample site ————

Massive outcrop visited ————



