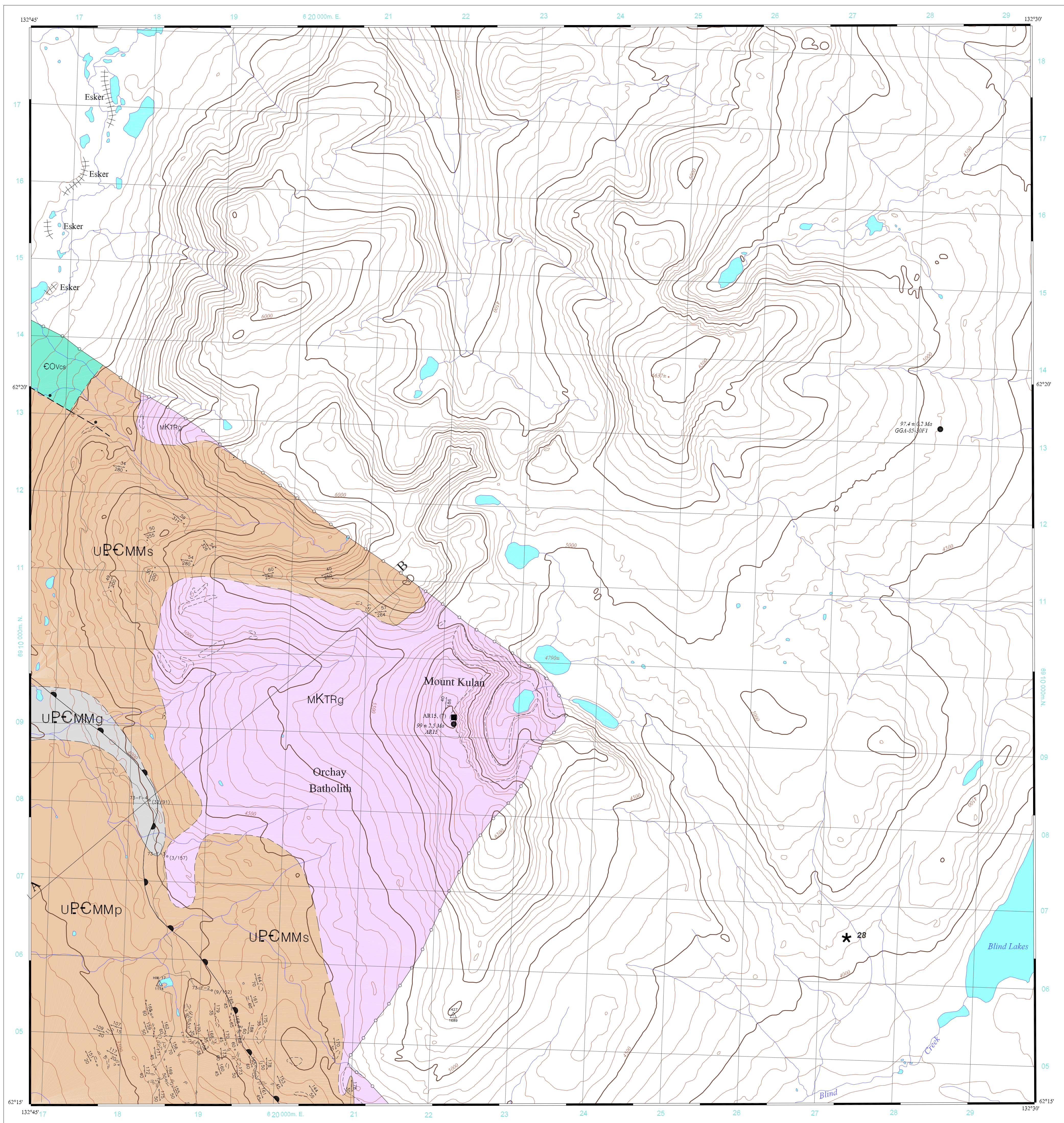
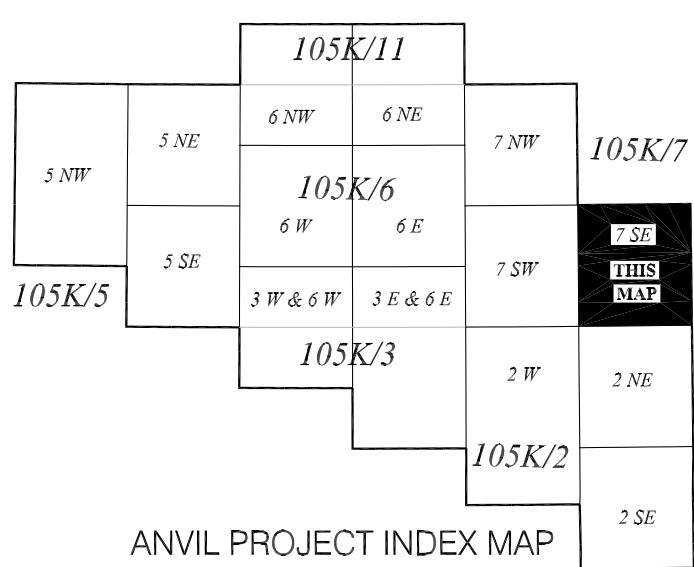
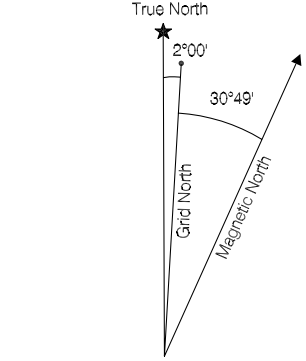
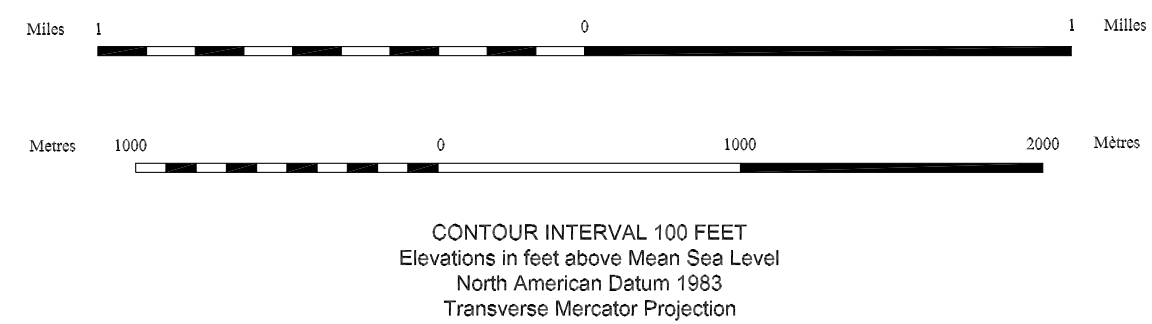




105K/7 SE
YUKON
SCALE 1:25 000



Topographic data provided by
SURVEY AND MAPPING BRANCH
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AND TECHNICAL SURVEYS
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ONE THOUSAND METRE
Universal Transverse Mercator Grid
ZONE 8

CONTOUR INTERVAL 100 FEET
Elevations in feet above Mean Sea Level
North American Datum 1983
Transverse Mercator Projection

USE DATUM TO OBTAIN UTM COORDINATES
APPROXIMATE MEAN OCCUPATION 1978
FOR CENTRE OF MAP
Annual change decreasing 4.2

INTRUSIVE ROCKS

EOCENE

quartz-feldspar porphyry

white-weathering, aphanitic to fine-grained, locally flow-banded quartz-feldspar porphyry; commonly contains phenocrysts of smoky grey quartz, biotite and white feldspar

CRETACEOUS

granite to granodiorite undifferentiated

grey, resistant, generally medium- to coarse-grained, locally megacrystic, undifferentiated Tay River plutonic suite or Anvil plutonic suite granite to granodiorite

Tay River plutonic suite

Orchay phase - biotite ± hornblende granite to granodiorite

Anvil plutonic suite

Mount Mye phase - biotite-muscovite granite; locally foliated

PERMIAN?

gabbro, harzburgite, serpentinite

mafic and ultramafic intrusive rocks; locally extensively sheared and serpentinitized

P₁ - serpentinite; P₁z - harzburgite; P₂ - gabbro

ORDOVICIAN-SILURIAN

gabbro

dark green, locally magnetic, coarse- to fine-grained, massive to foliated gabbro; subvolcanic dykes and sills to Menzies Creek basalt (OSMCb); enclosing phyllites locally display thin contact metamorphic aureoles

pyroxenite

dark green, locally magnetic, coarse-grained, massive to foliated, variably serpentinitized pyroxenite; subvolcanic dykes and sills to Menzies Creek basalt (OSMCb); enclosing phyllites locally display thin contact metamorphic aureoles

LAYERED ROCKS

YUKON-TANANA TERRANE

TRIASSIC

Faro Peak formation

resistant, massive, polymictic conglomerate; clasts include quartzite, chert, limestone and serpentinite; matrix contains detrital muscovite

dark grey carbonaceous, locally calcareous shale or siltstone interbedded with medium to dark grey, fine-grained limestone

interbedded cherty argillite, chert, sandstone and mafic greywacke or conglomerate

normal fault

(defined, approximate, assumed, tooth on hanging wall)

strike-slip fault

(defined, approximate, assumed)

fold surface axial trace

(upright anticline, syncline, overturned anticline, syncline)

metamorphic boundary (symbol on higher grade side)

bedding (tops not known)

foliation (one tick indicates earliest phase of deformation, two or more ticks indicate subsequent phase(s) of deformation)

foliation (phase of deformation unknown)

inversion (one arrow indicates earliest phase of deformation, two or more arrows indicate subsequent phase(s) of deformation)

joint

igneous compositional banding

igneous mineral lineation

fault plane orientation, shear band (C-bands) orientation

shear band plane of flattening (S bands)

mineral lineation/folding associated with shear bands

apparent dip of measured bedding, foliation (in cross-section)

foliation form lines in cross-section

limit of outcrop, subcrop

projection to surface of mineralized volume

limit of mapping

isotopic age determination sample location and age includes radiometric age, 2 sigma error, and sample number

fossil sample, includes sample reference number

barren fossil sample, includes sample reference number

geochemical sample-whole rock with major oxides, minor and trace elements, includes assay number and reference

survey control station with station name and elevation (in metres)

diamond drill hole collar (overburden depth/total depth) in metres

rotary drill hole collar (overburden depth/total depth) in metres

field station

trench

line of cross-section

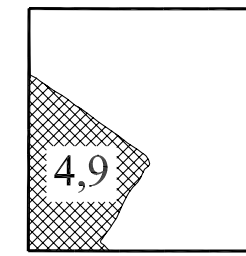
primary road

secondary road, trail, out line

dark grey to black, platy, tan-weathering, thinly laminated, dolomitic siltstone

tan- to orange-weathering, dolomitic, bioturbated, silty mudstone

COMPILATION SOURCES



105K/7 SE

LEGEND

ORDOVICIAN-DEVONIAN

quartz sandstone and dolostone

Massive, medium-grained, quartz sandstone interbedded with pale tan-weathering limestone or dolostone

Road River Group

Duo Lake Formation

dark grey to black, graptolitic argillite; contains lesser medium to pale grey siltstone and fine sandstone, medium grey limestone and basalt flows

Menzies Creek formation

undivided dark grey green, foliated basalt; includes massive and pillowed, locally amygdaloidal flows and heterolithic or monolithic breccias with lesser limestone, argillite and tuff

dark grey green, locally amygdaloidal, massive and pillowed basalt with minor monolithic basalt breccia, volcanoclastic sandstone, siltstone and tuff

dark grey green, monolithic basalt breccia with lesser volcanoclastic sandstone, siltstone and tuff, and massive and pillowed flows

grey to off-white limestone locally interbedded with orange-weathering dolostone

CAMBRIAN-ORDOVICIAN

Vangorda formation

soft, silvery grey, calcareous phyllite with lesser medium crystalline, grey marble, dark grey to black phyllite and dark green gabbro sills and dykes (CS₁)

pale green and dark purplish brown, thinly banded calc-silicate rock with lesser black schist, marble and dark green gabbro dykes and sills (CS₂)

black, locally calcareous, carbonaceous phyllite or schist; commonly contains thin quartzose siltstone interbeds, interbedded with dark green gabbro dykes and sills (CS₃)

pale to dark grey, foliated marble

UPPER PROTEROZOIC-CAMBRIAN

Mount Mye formation

brownish grey, noncalcareous, pervasively foliated phyllite; locally indistinctly bedded; contains minor siltstone, marble, calc-silicate rock, carbonaceous phyllite and dark green gabbro dykes and sills (CS₄)

brownish grey, noncalcareous, pervasively foliated muscovite-biotite schist; may contain staurolite, garnet, andalusite, or fibrolite; locally indistinctly bedded; contains minor siltstone, marble, calc-silicate rock, carbonaceous phyllite and dark green gabbro dykes and sills (CS₅)

pale green and dark purplish brown, thinly banded calc-silicate rock; contains marble and silicified marble beds and dark green gabbro dykes and sills (CS₆)

dark to pale grey, medium crystalline marble; typically contains abundant boudins of calc-silicate rock and/or quartz; locally contains coarsely crystalline garnet-pyroxene skarn

black phyllite to schist; locally contains lenses and beds of black carbonaceous limestone and dark green gabbro dykes and sills (CS₇)

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