

OVERLAP ASSEMBLAGE INTRUSIVE ROCKS

- TERTIARY: Quartz-feldspar a biotite porphyry, grey rhyolite porphyry, dated at 55.0±1.7 Ma and 56.3±0.2 Ma (U-Pb zircon) [105LJ,13].
LATE CRETACEOUS: mKq Medium-grained, equigranular biotite granite, K-feldspar megacrystic granite [105LJ,2,6,11,13,14].
EARLY CRETACEOUS: Gienlyon Batholith: Medium to coarse-grained biotite granite, biotite-muscovite granite, biotite-hornblende granodiorite, locally weakly foliated; (3) variably foliated, coarse-grained equigranular to hornblende porphyritic, hornblende-biotite granodiorites. (Phases listed from young to old) [105LJ,3,5,6,12, 115/9].
EARLY JURASSIC: Tatchun Batholith: (1) Beige weathering, fine-grained leucogranite and apatite (dated at 197.1±4.4 Ma - U-Pb zircon), rare pegmatite; (2) medium-grained K-feldspar megacrystic granodiorite, locally weakly foliated; (3) medium-grained K-feldspar megacrystic granodiorite to hornblende porphyritic, hornblende-biotite granodiorites. (Phases listed from young to old) [105LJ,3,5,6,12, 115/9].
EARLY JURASSIC (?): Jgb Coarse to very coarse-grained hornblende - biotite gabbro, locally pegmatitic; anorthositic; locally ultramafic [105LJ,5,11, 115/9].
PERMIAN - JURASSIC (?): Cornwall Pluton: PJCm Medium-grained hornblende ± biotite quartz monzonite, locally weakly foliated (magnetic foliation?) [105LJ,13].

LAYERED ROCKS

- TERTIARY (PLIOCENE ?): Walsh Creek formation: Tw Resistant, thick bedded to massive, well-indurated conglomerate with minor interbedded sandstone [105LJ,2].
TERTIARY: T Rhyolite and quartz-feldspar porphyry, commonly spherulitic and/or flow banded; locally, intermedial ash tuff and crystal-lithic ash tuff [105LJ,2,3, 115/16].
UPPER CRETACEOUS: Carmacks Group: UKCv Dark green to black, reddish brown weathering aphanitic basalt, commonly amygdaloidal (open); agglomerate [105LJ,1,2,3,4,13, 115/16].
LOWER CRETACEOUS: Tantalus Formation (?): KT Light grey tuffaceous siltstone, lignite, tuff (U-Pb zircon date - 92±1.3 Ma) [105LJ,3].
TRIASSIC: Ts Finely laminated, soft, dark grey, buff weathering shale/siltstone and siltstone; fine-grained sandstone; commonly contains oolitic micas; minor dark grey limestone [105LJ,6,7,11].
PERMIAN - TRIASSIC (?): PTCq Dark grey to black polymictic pebble conglomerate and breccia; white and black quartzite, light green, fine-grained arkosic sandstone, brown weathering, black siliceous phyllite [105LJ,6,7,11].

STIKINE TERRANE LAYERED ROCKS

- LOWER JURASSIC: Laberge Group: JLL Red weathering polymictic pebbles to cobble conglomerate with graded sandstone matrix; red to dark brown siltstone; orange weathering brecciated limestone [105LJ,3,4,5].
UPPER TRIASSIC: Lewes River Group: ULG Red weathering polymictic pebbles to cobble conglomerate with graded sandstone matrix; red to dark brown siltstone; orange weathering brecciated limestone [105LJ,3,4,5].
Aksasia Formation: Hancock Member: uLk Grey, fine-grained, massive limestone [105LJ,3,4].
Povungas Formation (?): uLV Massive to variably foliated, brown and green augite - (s) olivine) phryic basalt, local pillow, locally tuff; rare quartz-feldspar-phryic rhyolite [105LJ,3,4,5].

YUKON-TANANA TERRANE LAYERED ROCKS (2)

- PERMIAN (?): Pd Medium- to coarse-grained, weakly to moderately foliated, hornblende diorite [105LJ,1].
Psn Serpentinic; talc - antigorite (s) brucite) schist; locally relic cumulate texture [105LJ,1].
PENNSYLVANIAN TO LOWER PERMIAN (?): Pm Greenish grey, fine to medium-grained, foliated andesite and basaltic andesite; olive-green weathering fragmental basalt, locally spherulitic grey weathering, medium green tuff [105LJ,1,5,7,8,11].
PPc Foliated, pale green, greenish-grey, mafic and red, pale grey to tan weathering, massive to finely bedded chert; fine-grained vitreous quartzite; minor grey, red and black argillite and phyllite, locally graphitic [105LJ,1,6,7,11].

YUKON-TANANA TERRANE INTRUSIVE ROCKS

- PALEOZOIC (?): Pd Coarse-grained, foliated hornblende diorite to granodiorite [115/9].
CARBONIFEROUS: Semenov formation: JCSv Dark green, massive to foliated andesite and basalt; medium-grained plagioclase-phryic diorite; dark green to black biotite amphibolite and gneiss; plagioclase-phryic gneiss; white marble [105LJ,2,3,4,5,6,11,12, 115/9,16].
JCSs Foliated greywacke and volcanic-thic sandstone (volcaniclastic rocks) [105LJ,4].
JCSa Pink to pale green, feldspar-phryic dachse and dacite breccia; felsic tuff [105LJ,4].
Boswell formation (?): JCSv Dark grey siltstone and siliceous argillite; chert pebble to boulder conglomerate [105LJ,4].
JCSs Dark grey weathering, thick bedded to massive, finely crystalline limestone; medium- to coarse-grained, white and grey streaky marble [105LJ,2,3,4,5,8,12].

YUKON-TANANA TERRANE LAYERED ROCKS (2)

- PALEOZOIC (?): Bearhead formation: PBP Dark grey siliceous phyllite; graded sandstone; minor dark grey marble and carbonate-cobble conglomerate [105LJ,2,7].
MIDDLE MISSISSIPPIAN: Little Salmon Plutonic Suite: mMqd Fine to medium-grained, foliated hornblende quartz diorite to granodiorite; U-Pb zircon dates range from 338-340 Ma [105LJ,2].
mMgb Fine to coarse-grained, massive augite gabbro, weakly foliated (U-Pb zircon - 339.4±0.9 Ma); medium-grained, equigranular, weakly foliated hornblende megacrystic [105LJ,2,7].
Tatmain Batholith: mTg Unfoliated, homogeneous, medium- to coarse-grained, equigranular biotite (s hornblende) quartz diorite to granite (U-Pb zircon - 339.7±0.9 Ma); rare K-feldspar porphyritic granite, weak magnetic foliation [105LJ,11,12,13, 115/16].

EARLY MISSISSIPPIAN

- Little Katzas Plutonic Suite: mKq Fine to medium-grained, medium to dark green, variably foliated, biotite ± hornblende ± K-feldspar granodiorite; locally K-feldspar megacrystic; coarse-grained biotite granites strongly foliated (U-Pb zircon dates - 343-347 Ma) [105LJ,13,14].
Telegraph Plutonic Suite: mTqd Fine-grained, moderately to strongly foliated hornblende - biotite quartz diorite to granodiorite (U-Pb zircon dates - 348-349 Ma), may be equivalent to Little Katzas Plutonic Suite [105LJ,1,2].
Ragged Pluton: mMs Coarse-grained augite syenite and gabbro (U-Pb zircon date - 356.4±1 Ma) [105LJ,11,12].
DEVONIAN - MISSISSIPPIAN (?): Undivided: DMgd Strongly foliated, dark grey to dark green, fine- to medium-grained, equigranular hornblende ± biotite biotite; hornblende diorite ± granodiorite; locally contains garnet, leucite crystals [105LJ,2,3,5,6,11,12, 115/9,16].
PALEOZOIC (?): Psn Serpentinic; talc - antigorite (s) brucite) schist; locally relic cumulate texture [105LJ,1,7,12, 115/9].

YUKON-TANANA TERRANE LAYERED ROCKS (2)

- Little Salmon formation: CLSs Light grey, slick and purple siliceous oolite; at the top, 1-2 metre-thick horizon of bedded, white, light green and red Mn chert (oolite) [105LJ,7].
UPPER MISSISSIPPIAN - MIDDLE PENNSYLVANIAN (LATE WISEAN - MOSCOVIAN): CLSm Light to medium grey marble, light grey phyllite marble, black calcareous phyllite and minor dark grey calcareous phyllite, locally calcareous mylonite with poorly sorted carbonate micro-conglomerate beds; locally contains rugose corals and crinoid fragments [105LJ,2,6,7].
MIDDLE MISSISSIPPIAN - PENNSYLVANIAN (?): CLSv Intermediate to mafic meta-volcanic rocks - predominantly medium green, massive chlorite - plagioclase - epidote ± biotite schist; locally intercalated with minor light green, laminated calcareous schist, dark grey calcareous schist and marble, locally display yellow structures; plagioclase-phryic crystal lithic tuff, polymictic volcanic conglomerate and breccia.
Meta-volcanic rocks - predominantly light grey, light green and medium green sandstone intercalated with dark grey phyllite, brown-weathering calcareous schist and olive-green phyllite; locally graded (epidote); banded chlorite - epidote - plagioclase schist (intermediate to mafic tuff); minor barite [105LJ,2,6,7].

MIDDLE MISSISSIPPIAN

- MLSp Quartz - feldspar meta-phryic; light grey to light green meta-rhyolite (U-Pb zircon date - 340.1±1 Ma) [105LJ,2].
CLStg Coarse-grained, K-feldspar crystal grit and conglomerate (youngest detrital zircons 347 Ma - U-Pb) [105LJ,14].
CLSp Quartzite cobble to boulder conglomerate [105LJ,1,2].

NOTES:

- (1) Stratigraphic units in the Semenov Block were first introduced by Timpelman-Klut (1984) but were never formally defined.
(2) A number of new stratigraphic units in Yukon-Tanana Terrane are introduced informally on this map. These units will be formally defined in a report in preparation.

LEGEND

SLIDE MOUNTAIN TERRANE (?) INTRUSIVE ROCKS

- PERMIAN (?): Pd Medium- to coarse-grained, weakly to moderately foliated, hornblende diorite [105LJ,1].
Psn Serpentinic; talc - antigorite (s) brucite) schist; locally relic cumulate texture [105LJ,1].
PENNSYLVANIAN TO LOWER PERMIAN (?): Pm Greenish grey, fine to medium-grained, foliated andesite and basaltic andesite; olive-green weathering fragmental basalt, locally spherulitic grey weathering, medium green tuff [105LJ,1,5,7,8,11].
PPc Foliated, pale green, greenish-grey, mafic and red, pale grey to tan weathering, massive to finely bedded chert; fine-grained vitreous quartzite; minor grey, red and black argillite and phyllite, locally graphitic [105LJ,1,6,7,11].

LAYERED PERMIAN (?)

- PALEOZOIC (?): Pd Coarse-grained, foliated hornblende diorite to granodiorite [115/9].
CARBONIFEROUS: Semenov formation: JCSv Dark green, massive to foliated andesite and basalt; medium-grained plagioclase-phryic diorite; dark green to black biotite amphibolite and gneiss; plagioclase-phryic gneiss; white marble [105LJ,2,3,4,5,6,11,12, 115/9,16].
JCSs Foliated greywacke and volcanic-thic sandstone (volcaniclastic rocks) [105LJ,4].
JCSa Pink to pale green, feldspar-phryic dachse and dacite breccia; felsic tuff [105LJ,4].
Boswell formation (?): JCSv Dark grey siltstone and siliceous argillite; chert pebble to boulder conglomerate [105LJ,4].
JCSs Dark grey weathering, thick bedded to massive, finely crystalline limestone; medium- to coarse-grained, white and grey streaky marble [105LJ,2,3,4,5,8,12].

SEMIENOV BLOCK INTRUSIVE ROCKS

- PALEOZOIC (?): Pd Coarse-grained, foliated hornblende diorite to granodiorite [115/9].
CARBONIFEROUS: Semenov formation: JCSv Dark green, massive to foliated andesite and basalt; medium-grained plagioclase-phryic diorite; dark green to black biotite amphibolite and gneiss; plagioclase-phryic gneiss; white marble [105LJ,2,3,4,5,6,11,12, 115/9,16].
JCSs Foliated greywacke and volcanic-thic sandstone (volcaniclastic rocks) [105LJ,4].
JCSa Pink to pale green, feldspar-phryic dachse and dacite breccia; felsic tuff [105LJ,4].
Boswell formation (?): JCSv Dark grey siltstone and siliceous argillite; chert pebble to boulder conglomerate [105LJ,4].
JCSs Dark grey weathering, thick bedded to massive, finely crystalline limestone; medium- to coarse-grained, white and grey streaky marble [105LJ,2,3,4,5,8,12].

LAYERED ROCKS (1)

- PALEOZOIC (?): Pd Coarse-grained, foliated hornblende diorite to granodiorite [115/9].
CARBONIFEROUS: Semenov formation: JCSv Dark green, massive to foliated andesite and basalt; medium-grained plagioclase-phryic diorite; dark green to black biotite amphibolite and gneiss; plagioclase-phryic gneiss; white marble [105LJ,2,3,4,5,6,11,12, 115/9,16].
JCSs Foliated greywacke and volcanic-thic sandstone (volcaniclastic rocks) [105LJ,4].
JCSa Pink to pale green, feldspar-phryic dachse and dacite breccia; felsic tuff [105LJ,4].
Boswell formation (?): JCSv Dark grey siltstone and siliceous argillite; chert pebble to boulder conglomerate [105LJ,4].
JCSs Dark grey weathering, thick bedded to massive, finely crystalline limestone; medium- to coarse-grained, white and grey streaky marble [105LJ,2,3,4,5,8,12].

YUKON-TANANA TERRANE (?) LAYERED ROCKS (2)

- PALEOZOIC (?): Bearhead formation: PBP Dark grey siliceous phyllite; graded sandstone; minor dark grey marble and carbonate-cobble conglomerate [105LJ,2,7].
MIDDLE MISSISSIPPIAN: Little Salmon Plutonic Suite: mMqd Fine to medium-grained, foliated hornblende quartz diorite to granodiorite; U-Pb zircon dates range from 338-340 Ma [105LJ,2].
mMgb Fine to coarse-grained, massive augite gabbro, weakly foliated (U-Pb zircon - 339.4±0.9 Ma); medium-grained, equigranular, weakly foliated hornblende megacrystic [105LJ,2,7].
Tatmain Batholith: mTg Unfoliated, homogeneous, medium- to coarse-grained, equigranular biotite (s hornblende) quartz diorite to granite (U-Pb zircon - 339.7±0.9 Ma); rare K-feldspar porphyritic granite, weak magnetic foliation [105LJ,11,12,13, 115/16].

EARLY MISSISSIPPIAN

- Little Katzas Plutonic Suite: mKq Fine to medium-grained, medium to dark green, variably foliated, biotite ± hornblende ± K-feldspar granodiorite; locally K-feldspar megacrystic; coarse-grained biotite granites strongly foliated (U-Pb zircon dates - 343-347 Ma) [105LJ,13,14].
Telegraph Plutonic Suite: mTqd Fine-grained, moderately to strongly foliated hornblende - biotite quartz diorite to granodiorite (U-Pb zircon dates - 348-349 Ma), may be equivalent to Little Katzas Plutonic Suite [105LJ,1,2].
Ragged Pluton: mMs Coarse-grained augite syenite and gabbro (U-Pb zircon date - 356.4±1 Ma) [105LJ,11,12].
DEVONIAN - MISSISSIPPIAN (?): Undivided: DMgd Strongly foliated, dark grey to dark green, fine- to medium-grained, equigranular hornblende ± biotite biotite; hornblende diorite ± granodiorite; locally contains garnet, leucite crystals [105LJ,2,3,5,6,11,12, 115/9,16].
PALEOZOIC (?): Psn Serpentinic; talc - antigorite (s) brucite) schist; locally relic cumulate texture [105LJ,1,7,12, 115/9].

YUKON-TANANA TERRANE LAYERED ROCKS (2)

- Little Salmon formation: CLSs Light grey, slick and purple siliceous oolite; at the top, 1-2 metre-thick horizon of bedded, white, light green and red Mn chert (oolite) [105LJ,7].
UPPER MISSISSIPPIAN - MIDDLE PENNSYLVANIAN (LATE WISEAN - MOSCOVIAN): CLSm Light to medium grey marble, light grey phyllite marble, black calcareous phyllite and minor dark grey calcareous phyllite, locally calcareous mylonite with poorly sorted carbonate micro-conglomerate beds; locally contains rugose corals and crinoid fragments [105LJ,2,6,7].
MIDDLE MISSISSIPPIAN - PENNSYLVANIAN (?): CLSv Intermediate to mafic meta-volcanic rocks - predominantly medium green, massive chlorite - plagioclase - epidote ± biotite schist; locally intercalated with minor light green, laminated calcareous schist, dark grey calcareous schist and marble, locally display yellow structures; plagioclase-phryic crystal lithic tuff, polymictic volcanic conglomerate and breccia.
Meta-volcanic rocks - predominantly light grey, light green and medium green sandstone intercalated with dark grey phyllite, brown-weathering calcareous schist and olive-green phyllite; locally graded (epidote); banded chlorite - epidote - plagioclase schist (intermediate to mafic tuff); minor barite [105LJ,2,6,7].

MIDDLE MISSISSIPPIAN

- MLSp Quartz - feldspar meta-phryic; light grey to light green meta-rhyolite (U-Pb zircon date - 340.1±1 Ma) [105LJ,2].
CLStg Coarse-grained, K-feldspar crystal grit and conglomerate (youngest detrital zircons 347 Ma - U-Pb) [105LJ,14].
CLSp Quartzite cobble to boulder conglomerate [105LJ,1,2].

NOTES:

- (1) Stratigraphic units in the Semenov Block were first introduced by Timpelman-Klut (1984) but were never formally defined.
(2) A number of new stratigraphic units in Yukon-Tanana Terrane are introduced informally on this map. These units will be formally defined in a report in preparation.

YUKON-TANANA TERRANE LAYERED ROCKS (2)

- LOWER MISSISSIPPIAN: Little Katzas formation: MLKq White, green and pink dolomitic quartzite; buff weathering dolomitic marble [105LJ,13].
MLKv Medium grey to greenish-grey, plagioclase-phryic meta-andesite; minor felsic quartz-muscovite-feldspar schist and metarhyolite (U-Pb zircon dates - 344-345 Ma); light green quartz-muscovite-chlorite phyllite and light green quartzite and grit (meta-volcaniclastic rocks); metabasalt (chlorite-epidote-actinolite-plagioclase schist); minor calcareous phyllite and micaceous quartzite [105LJ,13,14, 115/16].
MLKn Light grey to white marble, locally dolomitic and/or cherty; crinoidal packstone; carbonate breccia; phyllite marble [105LJ,13,14, 115/16].
MLKc Pale green to grey chert and argillite; grey marble [105LJ,13,14].
MLKs White to dark grey quartzite [105LJ,13].

Palmeis formation

- MLPq Massive, white to light grey quartzite, locally gritty; minor dark grey to black calcareous phyllite and micaceous quartzite, locally calcareous; minor brown-weathering dolomitic marble [105LJ,2,3,4,5,6,11,12,13,14, 115/16].
MLPv Light green quartz-muscovite-chlorite (carbonate) phyllite and felspathic grit (meta-volcaniclastic rocks); minor greenstone [105LJ,13].
MLPw Beige weathering, medium to dark grey quartz-muscovite-dolomite schist; dark grey dolomitic quartzite, coarse-grained quartz with dolomitic cement; minor light green quartz-muscovite-chlorite schist; minor calcareous phyllite and micaceous quartzite [105LJ,13,14].
MLPd Foliated, fine to medium-grained quartz-feldspar porphyry, up to 50% phenocryst; fine-grained green to maroon tuffaceous volcaniclastic rocks (U-Pb zircon date - 355.4±1.3 Ma) [105LJ,1].
MLVv Mint green to yellow-green foliated intermediate volcanic and volcaniclastic rocks. Minor marble, psammitic schist intercalations [105LJ,1].

UPPER DEVONIAN TO LOWER MISSISSIPPIAN

- Dryden formation: DMds Coarse-grained arkosic grit; grey and light green quartzite; minor dark grey phyllite, psammitic schist, marl (detrital zircons 365-370 Ma - U-Pb) [105LJ,2,6,7,8,11].
DEVONIAN AND OLDER (?): Snowcap Assemblage: PSm Unwelded; light to medium grey quartzite and psammitic schist, commonly garnetiferous; medium to dark grey calcareous muscovite - quartz (s garnet) schist; light green chlorite - actinolite - carbonate schist; light green quartzite; minor marble [105LJ,1,2,3,5,6,7,11,12, 115/9,16].
PScq Light grey to light green quartzite, locally calcareous, locally gritty; minor dark grey phyllite; quartz - muscovite (s calcite) schist; minor light grey schistose marble [105LJ,2,6,11].
PScs Fine- to medium-grained, dark green, hornblende - biotite - garnet - plagioclase ± calcite amphibolite; greenstone; minor brown-weathering marble [105LJ,2].
PScm Grey marble, yellow, buff and cream-weathering dolomitic marble; polymictic pebble to boulder conglomerate with either calcareous or siliceous matrix; light to dark grey quartzite; calcareous schist [105LJ,2,11,12, 115/9,16].

ANCESTRAL NORTH AMERICA (Selwyn Basin) LAYERED ROCKS

- Mount Christie formation: CMCh Intersbedded greenish grey cherty shale and green shale; black siliceous slate and siltstone; locally calcareous and/or graphitic [105LJ,14].
Lower Mississippian (Late Tournaian): MKv Grey and buff weathering, greenish-brown, thick-bedded to massive, dark grey to black field limestone; fine crystalline to cryptocrystalline; commonly bioclastic; minor argillite and chert [105LJ,14].
Devonian - Lower Mississippian: Eern Group: DMDe Thin-bedded, laminated slate intersbedded with fine- to medium-grained chert-quartz sandstone; chert pebble conglomerate; black siliceous siltstone; rare limestone [105LJ,13,14].
ORDOVICIAN - DEVONIAN: Road River Group: ODRI Black, gun-blue, or silvery white weathering, black graphitic shale; minor thin-bedded limestone and sandstone [105LJ,1,14].
ORDOVICIAN: Merze Creek Formation (?): OMSv Green, mafic volcanic flows, breccia, and buff, varicolored volcaniclastic siltstone, mudstone and grit; tuffaceous chert; minor limestone [105LJ,14].

CAMBRIAN - ORDOVICIAN

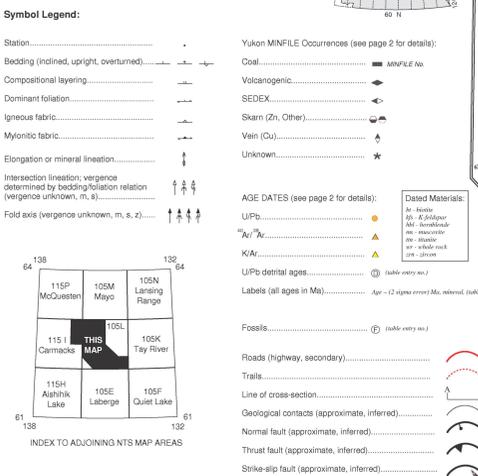
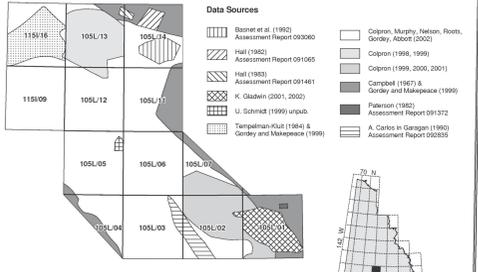
- Rabbittkilt (Vangorda) Formation: COH Thin-bedded, wavy bedded, grey lustrous calcareous phyllite intersbedded with silt limestone and dolomite; minor light green tuffaceous phyllite [105LJ,13,14].
LOWER CAMBRIAN: Gull Lake (Mount Mee) Formation: OGL Chlorite - muscovite ± biotite phyllite; locally calcareous and/or graphitic [105LJ,13,14].
NEOPROTEROZOIC - LOWER CAMBRIAN: Hyland Group: PCh Thin- to thick-bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit and quartz-pebble conglomerate [105LJ,13,14].

ANCESTRAL NORTH AMERICA (Cassiar Terrane) LAYERED ROCKS

- Devonian - Lower Mississippian: Eern Group: DMDe Dark grey, massive weathering, thin-bedded, black siliceous slate with interbeds of quartz-chert greywacke, chert granule grit and chert pebble to cobble conglomerate; chert; minor limestone and mafic volcanic rocks; rare limestone [105LJ,1,14].
Silurian - Devonian: Askin Group: SDa Medium- to thick-bedded to massive, grey orthoquartzite [105LJ,11,14].
MLSp Medium grey to buff weathering, medium to thick bedded dolomite, ally and sandy dolomite, limestone; light to medium grey to black, fine- to coarse-grained marble, locally graphitic; minor quartzite [105LJ,1,11,14].
SDAs Dark grey argillite, locally dolomitic; rare andesite [105LJ,14].

CAMBRIAN - ORDOVICIAN

- Kechika Group: COK Thin-bedded, lustrous, calcareous, grey to black slate, phyllite; thin, buff weathering dolomite interbeds; to 105LJ,1; quartz-muscovite-biotite-garnet schist; light green to white, medium- to coarse-grained diopside-wollastonite ± garnet calc-silicate [105LJ,6,7,11,14].
LOWER CAMBRIAN: Rosella Formation: ICR Light to dark grey, thin bedded limestone [105LJ,6,7,11].



Indian and Northern Affairs Canada Exploration and Geological Services Division Yukon Region Open File 2002-9 Geological Survey of Canada Open File 1457 (Sheet 1 of 2)

PRELIMINARY GEOLOGICAL MAP OF GLENLYON (105L/1-7,11-14) AND NORTHEAST CARMACKS (115I/9,16) AREAS, YUKON TERRITORY (1:125 000 scale)

M. Colpron, D.C. Murphy, J.L. Nelson, C.F. Roots, K. Gaden, S.P. Gorden, G. Abbott and P.S. Lipovsky Yukon Geology Program British Columbia Geological Survey Geological Survey of Canada University of Victoria

Geological Survey of Canada Open File 2002-9 Geological Survey of Canada Open File 1457 (Sheet 1 of 2)

CONTOUR INTERVAL 100 FEET (30 METERS) North American Datum 1983 Transverse Mercator Projection UTM ZONE 12N