

# LEGEND

Note: this legend is common to maps 1282A, 1283A and 1284A

## NORTHERN PART

CENOZOIC	QUATERNARY	26	Unconsolidated glacial and alluvial deposits
	CRETACEOUS AND TERTIARY (?)	22	MONSTER FORMATION: 22a, brown-weathering, thin-bedded, brown chert-grain sandstone, siltstone, shale, and fine chert-peggle conglomerate
MESOZOIC		20a	Orange- to brown-weathering diorite and gabbro; altered equivalents; may be older than 20
	TRIASSIC	16	Black-weathering, platy, black limy shale and limestone; thin bands of grey- to buff-weathering limestone
PALEOZOIC	PERMIAN	15	TAHKANDIT FORMATION: white, light grey, and dark grey chert, cherty limestone, and limestone
	CARBONIFEROUS TO PERMIAN	14	Buff-weathering, dark grey, thin- to medium-bedded limestone; minor black shale, chert, and chert-peggle conglomerate; 14a, dark shale, argillaceous limestone, and thin-bedded brown sandstone; minor chert-peggle conglomerate; 14b, black- and silvery-weathering shale and slate; minor platy, buff-weathering grey limestone, impure sandstone
	DEVONIAN TO CARBONIFEROUS	13	MIDDLE DEVONIAN TO CARBONIFEROUS: Black shale, argillite, and slate, black platy limestone, chert; minor chert-peggle conglomerate and quartzite; 13a, Nation River Formation: brown-weathering fine chert-peggle conglomerate and chert-grain sandstone may, in part, be younger Monster Formation (22)
	DEVONIAN	11	LOWER MIDDLE DEVONIAN: Limestone, dark grey, brown and black, massive to thin-bedded, very fine grained, buff-grey-weathering
	DEVONIAN	10	Limestone and dolomite, light grey and dark brownish grey, fine to medium grained, mostly alternating dark and light beds 2 to 5 feet thick
	ORDOVICIAN AND SILURIAN	9	ROAD RIVER FORMATION: mainly interbedded black chert and black argillite, also grey-green, olive-green, and grey chert and grey-green argillite; minor quartzite, and chert-peggle conglomerate
	CAMBRIAN	8	Grey- and buff-weathering dolomite and limestone, mostly medium to thick bedded; minor platy black argillaceous limestone and dolomite (may include some 9, 10, and 11); 8a, grey- to dark grey-weathering, dark volcanic rocks many partly serpentinized, brown-weathering grey-green limy tuff and argillite, and thin-bedded brown limestone
	CAMBRIAN (?)	6	MIDDLE (?) AND UPPER CAMBRIAN: Buff, brown, and grey-weathering, thin- to medium-bedded limestone, and grey-weathering thin- to thick-bedded dolomite; minor brown and green shale and orange-weathering dolomite
	CAMBRIAN (?)	5	Mainly brick-red, thick-bedded to massive sandstone and red to buff massive conglomerate; minor red shale; local andesite or basaltic flows and sills
	PROTEROZOIC	2	Orange-weathering, platy, grey-green dolomite, dark slate; minor phyllite and quartzite; 2a, pink-, orange- and grey-weathering dolomite, grey and maroon shale, white, green and mauve quartzite, minor conglomerate, mottled green and maroon shale and black limestone; 2b, buff and orange dolomite, dark shale; minor quartzite limestone and conglomerate; 2c, massive cherty and quartzose, grey dolomite; thin-bedded, buff-weathering, grey dolomite; minor black shale and white quartzite; 2d, buff-weathering dolomite-boulder conglomerate; 2e, dark shale and argillite, buff-weathering, grey siltstone; minor buff- to orange-weathering dolomite
		1	Mainly dark grey, grey-green, and black, thin-bedded argillite, slate and phyllite; minor grey quartzite, orange-weathering dolomite, and conglomerate; 1a, grey-weathering, thinly laminated, silicified limestone

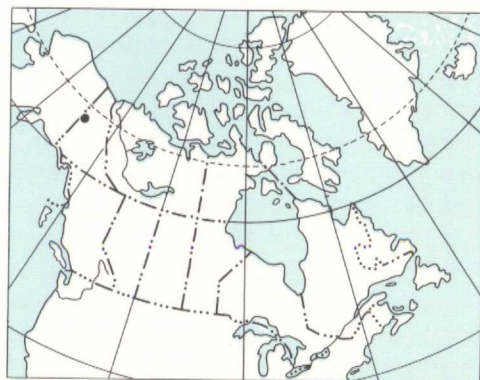
## SOUTHERN PART

CENOZOIC	QUATERNARY	26	Unconsolidated glacial and alluvial deposits
	TERTIARY	25	Quartz porphyry
MESOZOIC		24	Dark grey and brown andesite and basalt, commonly porphyritic; minor shale, sandstone, and conglomerate
		23	Poorly consolidated, brown, buff, and grey, arkosic and micaceous sandstone, light and dark shale, poorly sorted conglomerate; minor lignite
	CRETACEOUS	21	21a, fine- to coarse-grained, uneven textured, biotite granodiorite and biotite quartz monzonite; 21b, mainly hornblende and hornblende/biotite syenite, commonly porphyritic (potassium feldspar phenocrysts), uneven textured, mostly medium grained, locally fine or coarse grained; minor diorite
		20	Orange- to brown-weathering diorite and gabbro; altered equivalents; 20a, may be older
		19	Mottled green and maroon shale and brown-weathering, thin-bedded, brown siltstone, commonly limy
		18	KEND HILL QUARTZITE: grey and blue-grey, massive quartzite; minor slate and phyllite, commonly graphitic, argillaceous quartzite; 18a, thin-bedded and phyllitic quartzite, graphitic and chloritic slate and phyllite; minor limestone and massive quartzite; 18b, as 18 but may be older
	JURASSIC	17	LOWER SCHIST division: dark grey argillite, slate, and phyllite, commonly graphitic, thin-bedded dark grey quartzite, platy to phyllitic quartzite; minor phyllite and limy quartzite; 17a, probable equivalent ?
	TRIASSIC	16	Black-weathering, platy, black limy shale and limestone; thin bands of grey- to buff-weathering limestone
	PERMIAN	15a	Limestone with some chert
	ORDOVICIAN AND SILURIAN	9	ROAD RIVER FORMATION: mainly interbedded black chert and black argillite, also grey-green, olive-green, and grey chert and grey-green argillite; minor quartzite, and chert-peggle conglomerate
	PRECAMBRIAN AND/OR LATER	4	Dark brown- and green- to light grey-weathering dark green volcanic rocks, commonly with calcite filled vesicles, breccia, tuff, and agglomerate; minor interbedded shale, chert, siltstone, and limestone; 4a, dark brown to dark green-weathering dark green volcanic rocks, commonly with calcite-filled vesicles, breccia, tuff, and agglomerate. Interbedded with 2d and may be older; 4b, dark green, fine-grained andesite
	PRECAMBRIAN AND/OR CAMBRIAN	3	Mainly buff-, brown-, and rusty-weathering, gritty quartzite, sandstone and quartz-peggle conglomerate; black, maroon and green shales, and slates; schistose quartzite, quartz chlorite schist, quartz-mica schist and phyllite, minor limestone and black chert; 3a, thin- to medium-bedded, dark grey limestone

## METAMORPHIC ROCKS SOUTHWEST OF TINTINA TRENCH (occurs only on Map 1284A, Dawson)

E	Reddish brown-weathering, dark green serpentinized ultrabasic rocks
D	Fine- to medium-grained, granitic textured, quartz-biotite gneiss; minor quartzite, quartz-mica and biotite-chlorite schist, and quartz-feldspar pegmatite
C	Dark weathering greenstone and banded amphibolite gneiss; minor chloritic quartz-mica schist, graphitic quartz-mica schist, quartzite, and limestone
B	KLONDIKE "SCHIST": mainly buff weathering, light pale green quartz-muscovite-chlorite schist, and schistose, chloritic quartzite, with all intermediate rock types also present; minor silvery muscovite schist, fine-grained quartz-biotite gneiss, thinly laminated quartz-graphite-sericite schist and quartzite
A	NASINA "SERIES": grey and grey-green, micaceous quartzite; dark grey, light grey and silvery quartz-mica schist; minor fine-grained quartz biotite gneiss, graphitic schist and quartz-muscovite-chlorite schist; Aa, higher rank metamorphic rocks with biotite and garnet; Ab, coarsely crystalline, whitish limestone

Geological boundary (defined, approximate, assumed)	
Bedding, tops known (horizontal, inclined, vertical)	
Bedding, tops unknown (dip known)	
Bedding, estimated attitudes, may in part be of foliation: horizontal, inclined, vertical (dip: g, gentle; m, medium; s, steep)	
Foliation (horizontal, inclined, vertical)	
Fault (defined, approximate, assumed)	
Thrust fault (teeth in direction of dip: defined, approximate, assumed)	
Anticline (defined, approximate; arrow indicates plunge)	
Syncline (defined, approximate; arrow indicates plunge)	
Anticline, syncline (overturned)	
Fossil locality	
Mineral occurrence	
Goldfield	



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