

# LEGEND

## ARCHEAN

### ENGLISH RIVER SUBPROVINCE

ERs	<i>Metasedimentary rocks</i>
ERm	<i>Migmatite</i>

### UCHI SUBPROVINCE

Ga	<i>Gabbros (various ages: &gt;2844–2699 Ma)</i>
	<i>Young granitoids (2725–2700 Ma): mostly granodiorite, minor quartz monzonite, diorite, tonalite and granite; includes sanukitoid suites</i>

### CONFEDERATION ASSEMBLAGE (2745–2725 Ma)

Css	<i>Sundown Lake sedimentary sequence: conglomeritic to medium grained lithic wacke extensional basin fill deposits (&lt;2735 Ma)</i>
Cjm	<i>Jackson Manion dykes: quartz feldspar phyric dykes (c.2739 Ma)</i>

### EARNGEY BELT (c.2740 Ma)

Cmv	<i>Mafic volcanic rocks: Wabanook tholeiites and Neepewa Bay calc-alkaline basalts - pillow basalts, pillow breccias, and volcanoclastic/epiclastic units</i>
Cwb	<i>Wabunk volcanics: andesite to dacitic tuffs</i>
Cds	<i>Drake Lake sedimentary sequence: massive to thinly bedded, light grey, volcanoclastic siltstone. Locally interbedded with Wabunk volcanic rocks</i>

### AGNEW BELT (c.2740 Ma)

Cg	<i>Granophric granodiorite</i>
Ckb	<i>Keewatin Bay porphyries: quartz-feldspar phyric volcanoclastic and effusive flows, locally includes subvolcanic intrusions</i>
Cw	<i>Washagomis tholeiites (MORB/BAB); dominantly pillowed flows and pillow breccia</i>
Cmf	<i>Honeywell Lake volcanics; predominantly dacitic flow, locally perlitic (minor tuffs)</i>
Cmt	<i>Nekapean Bay volcanics; felsic lapilli tuff/volcanic breccia (minor flows). In Lost Bay includes Earngey belt clasts</i>
CLL	<i>Lost Bay calc-alkaline basalt (arc-like): pillowed flows, pillow breccia and tuffs</i>

### KNOTT BELT (c.2742 Ma)

Cs	<i>Knott belt sedimentary rocks: volcanoclastic sandstone and breccia, locally interbedded with felsic volcanic rocks. May in part include Sundown Lake sedimentary sequence rocks</i>
Cfv	<i>Knott belt: felsic volcanic rocks; ignimbritic rhyolite flows</i>
Cca	<i>Dog Lake calc-alkaline basalts (arc-like): massive to pillowed flows</i>
Cdb	<i>Dent tholeiites (arc-like): predominantly pillowed flows</i>

WRfi	<i>Woman River quartz-feldspar porphyry dykes (c.2813 Ma)</i>
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	<i>Trout Lake Batholith: massive to schistose tonalite (2806 to 2856 Ma)</i>
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### WOMAN ASSEMBLAGE (c.2771 Ma)

WOI	<i>Little Woman limestone: stromatolitic marble</i>
WOfv	<i>Woman Lake Tuff: ignimbritic to tuffaceous rhyolitic and dacitic flows</i>
WOMv	<i>Shanty Bay mafic volcanic rocks: mostly pillow basalts</i>
WOMs	<i>Medicine Rock sedimentary sequence: interbedded hematitic iron formation and grey to brown siltstone</i>

### NARROW LAKE ASSEMBLAGE (<2975; >2880)

NLbi	<i>Bathurst Lake tholeiitic pillow basalts: chemically MORB-like, continental rift sequence</i>
NLqi	<i>Quartz Lake tholeiitic pillow basalts: chemically MORB-like, continental rift sequence</i>
NLsl	<i>Surprise Lake tholeiitic pillow basalts: chemically MORB-like, continental rift sequence</i>
NLs	<i>Narrow Lake assemblage sedimentary rocks: massive lithic wackes, locally conglomeritic</i>

### BALMER ASSEMBLAGE (2975–2989 Ma)

BAsl	<i>Spot Lake dacite (c.2975 Ma)</i>
BAfv	<i>Skinner porphyries: thinly bedded to massive quartz and feldspar phyric tuffs (c.2989 Ma)</i>
BAmv	<i>Tims Creek volcanics: massive basaltic andesite to andesite</i>
BAAs	<i>Balmer assemblage sedimentary rocks: predominantly thinly bedded to massive medium grained greywacke and siltstone</i>

Geological contact (approximate)	
Fault (approximate or assumed)	
Unconformity (approximate or assumed, with ticks towards younger unit)	
Approximate trace of assemblage boundary through lakes	
Rock outcrop, area of rock outcrop mapped by author	
Bedding, top known (inclined, overturned), unknown, vertical	
Bedding in pillow lava; dip if known (upright, overturned)	
Foliation, unknown generation (inclined, vertical)	
Foliation, S <sub>1</sub> generation	
Foliation, S <sub>2</sub> generation	
Igneous contact/dyke	
Shear zone (motion unknown, dextral, sinistral)	
Stretching and mineral lineation (generation unknown, S <sub>1</sub> )	
M-fold (generation unknown, S <sub>1</sub> , S <sub>2</sub> )	
S-fold (generation unknown, S <sub>2</sub> )	
Z-fold (generation unknown, S <sub>2</sub> )	
General younging direction from sedimentary structures	
U/Pb zircon age	