

	AAN-xmas-mos	AAN-xmat-mas	AAN-xmat-musr	AAN-mat	
	AAN-xog-mog	AAN-xog-od	AAN-ogly	AAN-ogl	
	AAN-ogy	AAN-og	AAN-om	AAN-ax	
	AAN-jmod-mib	Metadolerite typically with la		s of metamorphosed band	ed iron-formation;
	AAN-mod	locally strongly sheared Amphibolitic metadolerite wi	,	texture: minor enidote	
	AAN-mog	Metagabbro; includes deepl		texture, minor epidote	
	AAN-moga	Metagabbro with amphibole pseudomorphs after pyroxene			
	AAN-xmas-mos	Interlayered serpentinite and ultramafic schist; locally strongly sheared (section only)			
	AAN-xmat-mas	Interlayered ultramafic schist and mafic schist; locally strongly sheared			
	AAN-xmat-musr	Interlayered serpentinite and talc-tremolite-chlorite schist; locally strongly sheared			
	AAN-mat	Serpentinite with local relict olivine cumulate texture; strongly sheared locally			
	AAN-xog-mog	Interlayered gabbro and metagabbro			
	AAN-xog-od	Interlayered gabbro and dol	erite; metamorphosed		
	AAN-ogly	Layered leucogabbro; moda locally abundant clinopy	al layering of plagioclase an roxene oikocrysts up to 30		scale;
	AAN-ogl	Leucogabbro; medium to co	oarse grained; weakly defor	med and metamorphosed	
	AAN-ogy	Layered gabbro; modal layering of plagioclase and pyroxene on a decimetre scale; locally abundant clinopyroxene oikocrysts up to 30 mm; metamorphosed			
	AAN-og	Gabbro locally grading into leucogabbro and pegmatitic gabbro; metamorphosed			
	AAN-om	Gabbronorite, locally with modal layering of pyroxene and plagioclase, grading into			
		leucogabbronorite; minor intercumulus magnetite; metamorphosed			
	AAN-ax	Pyroxenite, medium to coars locally abundant; metam		idomorphs after pyroxene	are
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	AANK-xgt-mgg	AANK-gnap	AANK-g	AANK-gth	AANcb-gth
	AANK-xgt-mgg Tonalite and metatonalite interlayered with metagranodiorite				
	AANK-gnap Fine-grained felsic rock, as dykes; locally quartz and/or feldspar porphyritic; metamorphosed				
	AANK-g	Granitic rock; metamorphos	sed; includes deeply weathe	ered rock	
	AANK-gth	Hornblende tonalite; locally	weakly deformed; metamo	rphosed	
	AANcb-gth	COURLBARLOO TONALI		h 3–8 mm hornblende phe	nocrysts;
		locally weakly deformed	i; metamorphosed		

2813 Ma

2819 Ma<sup>2</sup>

AANwz-mog AANwz-xotl-amy AANwz-am AANwz-mog Metagabbro with amphibole pseudomorphs after pyroxene, grading into metagabbronorite; locally sheared; locally magnetite and/or ilmenite bearing AANwz-xotl-amy Interlayered magnetite- and ilmenite-bearing leucotroctolite and layered magnetitite units <0.5 m thick; metamorphosed Magnetitite layers <1 m thick in magnetite-rich gabbro; locally with undulating bases; magnetite encloses plagioclase chadacrysts; metamorphosed AANwl-xogl-gmv AANwl-odl AANwl-xogl-gmv Leucogabbro grading into gabbro, intruded by abundant muscovite granite sheets, typically 10-100 m thick; metamorphosed AANwl-ogl Leucogabbro grading into anorthosite and gabbro; locally abundant clinopyroxene oikocrysts up to 30 mm enclose euhedral, cumulate, plagioclase crystals; metamorphosed AANwl-ogp Plagioclase-phyric gabbro with 8–12 mm plagioclase phenocrysts in 5–8 mm gabbroic matrix; metamorphosed Pyroxene gabbro; locally very coarse grained and grading into pyroxenite and gabbro; AANwl-ogx minor modal layering; metamorphosed AANwl-omd Very coarse grained gabbronorite with crystals up to 30 mm; metamorphosed AANwl-oc Clinopyroxene-rich melanocratic gabbro; metamorphosed Border zone: metagabbro with 35 mm grain size and amphibole pseudomorphs after pyroxenes; locally grading into dolerite; metamorphosed AANyo-moga AANyo-mog AANyo-masr AANyo-mas AANyo-mod Metadolerite, typically with amphibole pseudomorphs after pyroxene up to 4 mm; locally sheared Metagabbro, with locally abundant amphibole porphyroblasts up to 10 mm; locally sheared AANyo-moga Metagabbro, typically with amphibole pseudomorphs after pyroxene up to 6 mm; locally sheared AANyo-masr Tremolite-rich ultramafic schist derived from intrusive rocks; locally grades into metapyroxenite; locally strongly sheared Ultramafic schist derived from intrusive rocks; serpentine dominant, with locally abundant AANyo-mas talc and tremolite; strongly sheared AANyz-oh AANyz-ogl AANyz-xogl-amy AANyz-am AANyz-xam-ogl Upper zone: magnetitite interlayered with modally layered magnetite-bearing leucogabbro: metamorphosed AANyz-oh Hornblende gabbro with 8–15 mm hornblende oikocrysts in 5–8 mm gabbroic matrix; locally modally layered with layers of fewer hornblende crystals; metamorphosed AANyz-ogl Leucogabbro, locally grading into gabbro and leuconorite; minor magnetite cumulate crystals 2-4 mm; metamorphosed Leucogabbro interlayered with thin magnetitite horizons on a 50 cm scale; metamorphosed AANyz-xogl-amy Magnetitite cumulate with 3–8 mm grain size; interstitial pseudomorphed plagioclase crystals AANyz-am typically form 5% of the rock; metamorphosed AANym-xmog-ow -AANym-mog AANym-ogl AANym-xog-ogx AANym-ax AANym-xom-og Middle zone: gabbronorite interlayered with gabbro on a 50 m scale; contacts locally gradational; metamorphosed AANym-mog Metagabbro; locally weakly deformed Interlayered metagabbro and norite; locally units grade into gabbro and metanorite; metamorphosed AANym-xmog-ow AANym-ogl Leucogabbro, locally grading into gabbro and leuconorite; metamorphosed AANym-xog-ogx Gabbro interlayered with lesser pyroxene-rich gabbro on a 50 m scale; contacts locally gradational; metamorphosed AANym-ax Pyroxenite with 4-8 mm grain size; amphibole pseudomorphs after pyroxene locally abundant: metamorphosed AANyl-xogx-mat AANyl-mog AANyl-ol AANyl-xog-od AANyl-xogx-mat

AANyl-mog

Lower zone: modally layered pyroxenitic gabbro interlayered with serpentinite; metamorphosed
Tremolite-bearing ultramafic schist derived from intrusive rock; local poorly preserved AANyl-mog cumulate textures; locally strongly sheared Metagabbro, locally strongly sheared AANyl-xog-od Olivine gabbro grading into olivine gabbronorite; metamorphosed Ultramafic zone: Ultramafic layered cumulate rocks; may include peridotite, pyroxenite, and chromitite; metamorphosed (section only) AANyb-od AANyb-mod AANyb-od Border zone: dolerite; metamorphosed AANyb-mod Metadolerite with amphibole pseudomorphs after clinopyroxene; locally weakly deformed

MURCHISON DOMAIN
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