



TRIASSIC		LEGEND		SYMBOLS (not all symbols shown on map)	
Tm	NORTH MOUNTAIN BASALT: * basalt.			Rock outcrop, probable outcrop, float	X A ⊗
Ts	BLOMDEN FORMATION: * siltstone, arenaceous shale and minor claystone.			Geological boundary (defined, approximate, assumed, defined by till clasts)	— — — — —
Tw	WOLFVILLE FORMATION: * sandstone and arkose.			Geological boundary – gradational (< 100 m; > 100 m)	— — — — —
DEVONO-CARBONIFEROUS				Exposed intrusive contact (arrow pointing toward younger unit, age relative not determined)	↗ ↘
SOUTH MOUNTAIN BATHTHOLTH				Unconformity (hatching on younger side)	— — — — —
Dm	INGLISVILLE LEUCOMONZOGRAHITE: buff, pink and reddish, fine to medium-grained, slightly porphyritic to equigranular, with minor coarse grained phenocrysts and/or pegmatite pods, may contain 1-20 cm pegmatite pods, biotite 0-6%, muscovite 1-5%, may contain trace amounts of garnet or tourmaline.			Limit of mineralogical or textural variation	— — — — —
	as above with consistently equigranular texture			Bedding (horizontal, inclined, vertical, overturned, dip unknown, younging direction unknown)	+ / / / /
Dm	LEUCOMONZOGRAHITE: grey, fine grained, equigranular or porphyritic biotite 5-7%, muscovite 1%.			Anticline (defined, approximate)	+ / / / /
Dm	MORSE ROAD LEUCOMONZOGRAHITE: buff to pinkish grey, medium- to coarse-grained, porphyritic, seriate or (20-35%) are often small (eq. < 2 cm), biotite 3-10% (av. 5-7), muscovite 1-8% (av. 2-1), cordierite 0.4-0.6% (av. 2%), may contain trace 0-2% garnet, often has heterogeneous texture with minor megacryst-rich pods (up to 50%) and megacrystic-poor muscovite with > 10% biotite, selective hematization of plagioclase cores diagnostic.			Syncline (defined, approximate)	+ / / / /
				Preferred orientation of feldspar megacrysts (horizontal, inclined, vertical, dip unknown)	+ / / / /
Dm	BUTTON BROOK LEUCOMONZOGRAHITE: light grey to buff, fine to coarse-grained, porphyritic, seriate or megacrystic, biotite 3.5-9% (av. 4.5%), muscovite 0.2-4% (av. 1.2%), may contain garnet and/or garnet. Fine grained and non-megacrystic near contact with Dm and Dm (chilled margin ?).			Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)	+ / / / /
Dm	WEST DALHOUSIE MONZOGRAHITE: light to medium-grey, buff, fine to coarse-grained, megacrystic (20-35%), biotite 5-12% (av. 7.4%), muscovite trace. 0.8% (av. 0.4%), cordierite 1.4% (av. 2.7%), euhedral alkali feldspar megacrysts (phenocrysts which average 1.0 x 2.5 cm in size are diagnostic, metasedimentary ?) xenoliths common, minor igneous xenoliths ? contain similar sized porphyroblasts/megacrysts.			Breccia	▲ / / / /
Dm	CLOUD LAKE MONZOGRAHITE: light to medium-grey, fine to medium-grained, seriate to slightly megacrystic (1-4%) with minor coarse grained megacrysts and quartz eyes, biotite 7-17% (av. 6.8%), muscovite 0.2% (av. 1.2%), locally has trace cordierite and garnet, very homogeneous texture, finer grained than Dm, small subhedral to anhedral alkali feldspar megacrysts (generally 1-3 cm) are diagnostic, common small metasedimentary ? xenoliths (< 5-15 cm). One area with pervasive biotite foliation and minor feldspar augen.			Schlieren banding (horizontal, inclined, vertical, dip unknown) poorly developed isolated bands and well developed (thin and heavy lines respectively)	▲ / / / /
Dm	SCRAG LAKE GRANODIORITE: light to medium-grey, medium- to coarse-grained, megacrystic (5-15%), sub-rounded quartz eyes to 1.5 cm, biotite 7-16% (av. 11%), muscovite trace-1%, may contain garnet (< 0.7%) and/or cordierite (trace), common to abundant metasedimentary ? xenoliths (5 cm- > 1 m) that are generally larger than in Dm.			Lineament (from air photos)	— — — — —
Dm	SCRAG LAKE MONZOGRAHITE: very similar to Dm except is monzogranitic in composition.			Fault (defined, approximate, assumed, inclined, vertical)	— — — — —
Dm	MAFIC INTRUSIONS: * mostly sills of gabbro; some peridotite and quartz gabbro.			Fault (sinistral, dextral)	— — — — —
ORDOVICIAN-DEVONIAN				Shearing and intense fracturing, fracture cleavage (horizontal, inclined, vertical, dip unknown)	— — — — —
Dm	TROBROOK FORMATION: ** shale, siltstone and quartzite; minor shaly limestone and iron formation.			Joint (horizontal, inclined, vertical, dip unknown)	— — — — —
Dm	KENTVILLE FORMATION: ** shale, siltstone and slate.			Striations: Sense of ice flow (known or unknown)	— — — — —
Dm	WHITE ROCK FORMATION: ** slate and subordinate siltstone, quartzite, and volcanic rocks.			Dyke or vein: ALB-albite; APG-aplite with minor pegmatite; DIAB-diabase; ELVA-elvan; LUGR-leucogranite; LUMZ-leucogranite; LUPD-leucoporphry; MAP-mica aplite; MONZ-monzogranite; PSAP-pegmatite with minor aplite; PEGM-pegmatite; PEGMZ-zoned pegmatite; PORP-porphry; QTZ-quartz (indicated if mineralized); all unlabelled dykes are aplites; < 1 m-thin lines, > 1 m-heavy lines (inclined, vertical, dip unknown)	— — — — —
CAMBRO-ORDOVICIAN				Stockwork (type indicated)	X / / / /
Dm	MEGUMA GROUP			Sheeted complex (type indicated)	— — — — —
Dm	HALIFAX FORMATION: * siltstone and slate.			Area of abundant dyking (type or map unit indicated)	— — — — —
Dm	GOLDENVILLE FORMATION: * metagreywacke and minor slate.			Greisen (< 1 m, > 1 m (indicated if mineralized))	— — — — —
* Geology modified after:				Megacryst-rich area	— — — — —
SMITHINGALE, W.G. 1973. Geology of parts of Digby, Bridgewater and Gaspeau Lake map areas, Nova Scotia. Geological Survey of Canada, Memoir 358, p.78.				Xenoliths (< 1 m, > 10 m, concentration of xenoliths) map unit indicated when known	— — — — —
TAYLOR, F.C. 1969. Geology of the Annapolis-St. Mary's Bay map area, Nova Scotia. Geological Survey of Canada, Memoir 358, p.63.				Diamond-drill hole (DDH; reference number from N.S.O.N.R. Drill hole database)	— — — — —
** Geology modified after:				Trench, adit, shaft	— — — — —
SMITHINGALE, W.G. 1973.				Mineral occurrence (commodities indicated at top; number on bottom refers to U.S.O.I. mineral occurrence cards)	X / / / /
				Mine, Prospect, Quarry (active, abandoned)	X / / / /
				Skarn	SK
				COMMON MINERAL ABBREVIATIONS	
				ad-andalusite; am-amethyst; ap-apatite; as-arsenopyrite; at-augite; bi-biotite; ca-calcite; ch-chalcocite; ch-cassiterite; ch-chalcophy; ch-chlorite; cd-cordierite; cy-chrysoberyl; fl-fluorite; gn-garnet; gr-garnet; he-hematite; il-ilmenite; ka-kasolite; ma-malachite; man-manganese minerals; mo-molybdenite; mu-muscovite; po-pyrrhotite; py-pyrite; qtz-quartz; sh-scheelite; sl-sillimanite; sp-sphalerite; se-sericite; to-torbenite; tr-tourmaline; wol-wolframite.	
				COMMON ALTERATION ABBREVIATIONS	
				ALB-albitization; CH-chloritization; KFS-decalcification; HAA-high alumina; HEM-hematization; KAO-kaoization; LIM-limonization; POT-potassic (which includes biotitization and K-feldspar dissolution); SAU-saundersization; SIL-silicification; <i>intense and pervasive in capitals; slight to moderate in lower case.</i>	
				1. LEUCOMONZOGRAITE: A granitoid rock of monzogranite composition with less than 6% combined mafic minerals.	
				2. PORPHYRY: A granitoid rock with predominantly fine-grained groundmass and medium- to coarse-grained phenocrysts (i.e. bimodal grain size). Phenocrysts rarely exceed 2 cm (i.e. porphyritic).	
				3. PERCENT MUSCOVITE, CORDIERITE, BI	