

Outercrop or group of small outcrops

Geologic contact

Long dashed where approximately located, short dashed where inferred, queried where doubtful, and dotted where concealed. Most contacts covered by deposits of Pleistocene or Recent age.

Probably fault

Dotted where concealed

Anticline

Approximate position of trace of axial plane. Arrow shows direction of plunge

Syncline

Approximate position of trace of axial plane. Arrow shows direction of plunge

Overturnd anticline

Approximate position of trace of axial plane, showing direction of dip of limbs and bearing of axis

Overturnd syncline

Approximate position of trace of axial plane, showing direction of dip of limbs and bearing of axis

Plunge of minor anticline

Plunge of minor syncline

Dragfold

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25

Bearing and plunge of lineation

70

Strike and dip of foliation and plunge of lineation

65

Strike and dip of beds and plunge of lineation

15

Strike and dip of beds and plunge of lineation
Direction of top determined by graded bedding

55

Strike and dip of beds and plunge of lineation
Direction of top determined by graded bedding

Strike and dip of joint

Strike of vertical joint

Strike and dip of joints in a system

Abandoned exploration shaft

Trench

Test pit

Diamond drill hole, vertical

Diamond drill hole, inclined

Diamond drill hole, inclined

Showing horizontal projection of bottom of hole
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25
Closely spaced minor folds
Trace of bedding diagrammatic but shows generalized strike. Arrow shows approximate bearing and plunge of fold axes

20
Strike and dip of beds

70
Strike and dip of beds
Direction of top determined by graded bedding

85
Strike and dip of beds
Direction of top determined by cross bedding

85
Strike and dip of overturned beds

Strike and dip of overturned beds
Direction of top determined by graded bedding

Strike of vertical beds

Strike of vertical beds
Direction of top determined by cross bedding

Direction of top of layer determined by ellipsoidal structure. Arrow shows direction of top

35
Strike and dip of foliation

Strike of vertical foliation

20
Bearing and plunge of axes in folded foliation

Strike and dip of cleavage

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ABBREVIATIONS

agg:	agglomerate	mag:	magnetic
am:	amphibolite	mar:	marcasite
amyg:	amygdaloidal	mg:	metagabbro
ap:	aplite	micro:	micaceous
bi:	biotite	ms:	massive
bl:	black	ox:	oxide
brc:	breccia	pbl:	pebble
carb or cb:	carbonate	pg:	pegmatite
cg:	coarse-grained	ph:	phyllite
cgl:	conglomeratic	por:	porphyritic
db:	diabase	poss:	possible
dk:	dark	prob:	probable
el:	ellipsoidal	pyr:	pyritic
fe:	ferruginous	qt:	quartz
fg:	fine-grained	qz:	quartzite
fol:	foliated	rhy:	rhyolite
gar:	garnet	sch:	schist
gu:	gneissic	ser:	sericitic
gr:	granite	sh:	shale
gran:	granular	sid:	sideritic
graph:	graphitic	sil:	siliceous
grn:	granular	sl:	slate
gr:	gruneritic	stau:	staurolite
gs:	greenstone	st:	
gw:	graywacke	tf:	tuffaceous
gr:	gray	ves:	vesicular
hem:	hematite	vn:	vein
hb:	hornblende	wn:	white
lim:	limonitic		
loc:	locally		

NOTE: 6-74,75 Numbers near outcrops, test pits, and drill holes indicate last digit of year collected (1955-62), specimen number, and thin section number if underscored.

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EXPLANATION

hgr: Hoskins Lake Granite
gr: Granite dike
peg: Pegmatite dike
ap: Aplitic dike

pc: Peavy Pond Complex
Chiefly hornblende metagabbro

mg: Metagabbro and metadiabase sills and dikes

pr: Fortune Lakes Slate
Mainly sericitic slate with interbedded graywacke

ps: Stambaugh Formation
Cherty laminated rock, flinty slate, and green chlorite slate. Locally contains graywacke

pru: Post-Riverton undivided

ph: Hiawatha Graywacke
Mostly massive graywacke and dark-gray slate. Commonly sideritic

pru: Riverton Iron-Formation
Hematite, limonite, or both, with interbedded chert. Some chloritic slate or phyllite

pd: Dunn Creek Slate
Upper part: laminated graphitic slate and massive graphitic slate breccia. Lower part: sericitic slate, siltstone, and quartz graywacke. Local outcrops of iron-formation, possibly Riverton

bb: Badwater Greenstone
Greenstone, chloritic schist, amphibolite

gru: Gruneritic iron-formation and magnetic crests

slate: Agglomerate

dk: Dark phyllite

bm: Quartzite and conglomerate

mi: Michigamme Slate
Mainly quartz graywacke and micaceous quartz slate

garn: Garnetiferous schist

am: Amphibolite, gruneritic iron-formation, slate, and graywacke

he: Heslock (?) Formation
Amphibolite, mostly massive

qf: Felsic metavolcanic rocks

met: Metasedimentary rocks

M(200)

R290

no. 66-34

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C.1

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