

LEGEND

APHEBIAN	AMY	DUBAWUNT GROUP (AMY)
	▲	Martell intrusions: pyroxene syenite, minor quartz syenite; AMI, lamprophyre dyke
	AI	Granite, massive, very coarse- to coarse-grained, fluorite bearing in part
	Ag	Granitic rocks, massive to weakly foliated, medium- to coarse-grained; Agr, granite; Agd, granodiorite; Agt, tonalite
	Ad	Metagabbro; Ap, metapyroxenite
	An	Undifferentiated gneiss; Ang, granite gneiss; Ant, granodiorite / tonalite gneiss; And, diorite / gabbro gneiss; Anp, biotite-quartz schist / gneiss, paragneiss; Ana, hornblende schist / gneiss amphibolite; Anm, migmatite; Ano, massive granitic rocks
ARCHEAN	AWq	WOODBURN LAKE GROUP (AWq-AWv) Quartzite, minor muscovite-quartz schist; AWI, quartzite with interbedded meta-argillite and phyllite; AWK, quartzite with interbedded metagreywacke, biotite-quartz schist, and meta-argillite; AWm, migmatite
	AWc	Carbonate / calc-silicate rocks
	AWu	Ultrabasic rocks; AWuk, komatiitic metaperidotite; AWs, serpentinite
	AWv	Metavolcanics with intercalated metasediments: minor metagabbro; AWW, metagreywacke; AWP, pelitic schist / gneiss; AWR, calc-silicate rocks; AWb, basic to intermediate metavolcanics; AWI, intermediate metavolcanics; AWh, amphibolite, hornblende schist / gneiss
	Ah	Granulite complex; Ahg, massive to foliated hypersthene granite; Aht, hypersthene granodiorite and tonalite; Ahd, hypersthene diorite and gabbro; Ahn, hypersthene metasediments / metavolcanics; Ahm, migmatite

Rock outcrop	x
cataclastic rock	cc
mylonite	my
Geological boundary (approximate, assumed)	-----
Bedding, tops unknown (inclined)	50° /
Cleavage, schistosity, foliation (inclined, dip unknown)	50° /
Gneissosity (horizontal, inclined, vertical, dip unknown)	50° /
Layering foliation (horizontal, inclined, vertical, dip unknown)	50° /
Cataclastic foliation (inclined, vertical, dip unknown)	50° /
Lineation (horizontal, inclined)	50° /
Lineation, axis of minor fold (inclined)	50° /
Structural trend (from air photos)	50° /
Topographic lineament (from air photos)	50° /
Fault (approximate, assumed)	50° /
Joint (inclined, vertical)	50° /
Antiform, trace of axial plane (approximate, arrow indicates plunge)	50° /
Synform, trace of axial plane (approximate, arrow indicates plunge)	50° /
Glacial striae (direction of ice movement known, unknown)	50° /
Zircon (U-Pb) isotopic age, millions of years	2662
Mineral occurrence	x

MINERALS

Actinolite / tremolite	ac	Gossan	G
Andalusite	ad	Hypersthene	hy
Banded iron-formation	Fe	Kyanite	ky
Chalcopyrite	cp	Muscovite / sericite	mu
Clinopyroxene	cy	Pyrite	py
Cordierite	cd	Sillimanite	sl
Cummingtonite	cm	Spinel	sp
Garnet	gt		

Geology by J.A. Fraser, 1981

Geological cartography by M. Sigouin, Geological Survey of Canada

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base map at the same scale published by Surveys and Mapping Branch in 1985

Copies of the topographical edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, Ontario, K1A 0E9

The proximity of the North Magnetic Pole causes the magnetic compass to be erratic in this area
 Mean magnetic declination 1987, 4°34' West, increasing 48.5' annually.
 Readings vary from 8°33' W in the NE corner to 0°53' W in the SW corner of the map

Elevations in feet above mean sea level

Geographical names subject to revision

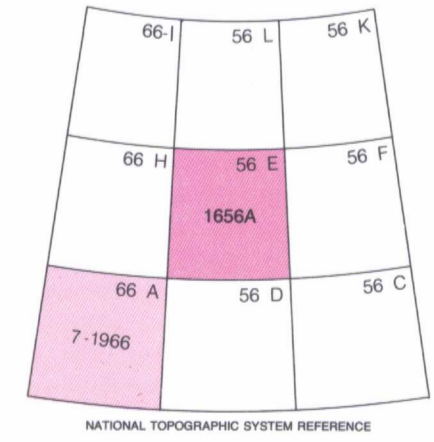
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MAP 1656A
GEOLOGY
WOODBURN LAKE
 DISTRICT OF KEEWATIN
 NORTHWEST TERRITORIES
 Scale 1:250 000 - Échelle 1/250 000

Kilometres 5 0 5 10 15 20 Kilometres

Universal Transverse Mercator Projection
 Projection transversale universelle de Mercator
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