

LEGEND

PALEOPROTEROZOIC

Pg

Non-foliated flourite and tourmaline-bearing granite

Pdcif

Unmetamorphosed, non-foliated lamprophyre dyke

----- intrusive contact -----

HURWITZ GROUP

PHKm

KINGA FORMATION: Maguse Member: Grey and white subarkose to quartz arenite. Local black parallel- and cross-stratified heavy mineral bands.

PHKmqpc

Framework-intact quartz-pebble conglomerate containing clasts of well rounded spherical white quartz, blue and grey chert in sheets 20 cm to 10 m thick

PHPP

PADLEI FORMATION: Massive cobble-boulder conglomerate; local channels, graded sheets; subarkose with parallel and trough cross stratification. PHPP: polymictic clast suite (granitic, mafic and felsic volcanic, quartzite, chert); PHPm: monomictic conglomerate with different types of granitic clasts; PHPm ± p: monomictic conglomerate with polymictic interbeds

PHPm

PHN

NOOMUT FORMATION: Parallel-stratified subarkose to quartz arenite, local quartz-pebble conglomerate, semipelite

----- unconformity -----

Kdy

Kaminak dykes. Northeast- and northwest- trending, well foliated gabbro dykes; with feldspar megacrysts

----- intrusive contact -----

ARCHEAN

Ag

Well-foliated granodiorite, granite, diorite

----- intrusive contact -----

KAMINAK GROUP

Af

Felsic to intermediate flows; tuffs; local mafic volcanic layers

Am

Mafic flows, locally pillowed; local felsic volcanic layers. Metre-scale tuffaceous sandstones, siltstones; local pelite

Geological boundary (approximate)

Fault (approximate)

Axial trace fold (syncline)

Axial trace fold (anticline, syncline overturned)

Outcrop

Frost heave; probable subjacent outcrop

Bedding
(inclined, overturned, tops unknown)

Bedding from pillow lavas (overturned)

Foliation (Hurwitz Group) (inclined)

Foliation (Kaminak Group and related plutonic rocks;
likely in part Paleoproterozoic) (inclined)

Minor fold (azimuth and plunge)

Stretching lineation (azimuth and plunge)

Base metal prospect

Axial projection line

Cross-section line

