



Legend

Lithologies

unconsolidated colluvium and alluvium

LATE CRETACEOUS TO TERTIARY

white, fine-grained rhyolitic tuff

fine-grained, rhyolitic to dacitic quartz-feldspar porphyry dykes(a) and flows(b)

MIDDLE CRETACEOUS

Whitehorse Suite: intermediate intrusions

mKgW biotite-hornblende granodiorite, diorite; locally porphyritic

CARBONIFEROUS AND PERMIAN

Anvil Suite: mafics, ultramafics

CPA1 dark green serpentinite, peridotite, pyroxenite
CPA2 medium- to coarse-grained mafic diorite, gabbro

LATE PROTEROZOIC AND PALEOZOIC

Nisling Assemblage:

PPA biotite and muscovite-biotite gneiss and schist, quartzite

PPAls limestone

Mafic Metavolcanics:

PPAm hornblende and hornblende-biotite gneiss, amphibolite, greenstone, gneiss; local thin beds of limestone and felsic tuff.

Intermediate Metavolcanics:

PPAi light green, well-foliated, dacite crystal tuff

Felsic Suite:

PPAf1 quartz-sericite schist

PPAf2 fine-grained rhyolitic and dacitic tuffs interbedded with biotite gneiss, limestone and greenstone

PPAf3 interbedded quartz-muscovite schist and biotite gneiss

Subvolcanic Porphyry Intrusions:

PPApr dacite porphyry

PPApd

Symbols

20 ← fold axis plunge direction and dip

19 ↗ foliation (inclined, vertical)

19 ↘ bedding (inclined, vertical)

— epithermal quartz vein

x epithermal quartz float

Peg lenses and veins of pegmatite and pegmatitic quartz

Tr trench

— fault trace

— claim boundary

Wolverine Minerals Corp.

Dawson Range Project, Y.T.
DDD-Shamrock Property
Geology

G. Belik, P.Geo	Fig. 11WMDRDDD-1
September, 2011	Scale: 1:50,000