348000E 350000E 352000E 354000E 356000E 358000E 360000E 362000E 364000E

6886000N 6884000N 6882000N 6880000N 6878000N 6876000N

DDD North

Shamrock

Qtz-Kspar Veinlets

Zone of Strong Silicification and stockwork quartz veining

Fig. 1A

0 1.0 km 2.0 km

Legend

Lithologies

uncosolidated 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, geenschist; 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

rhyolite porphyry

Subvolcanic Porphyry Intrusions:

PPApr dacite porphyry

PPApd

Symbols

fold axis plunge direction and dip

foliation (inclined, vertical)

bedding (inclined, vertical)

epithermal quartz vein

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