













LEGEND

CODE DESCRIPTION







BANDALUP ULTRAMAFICS (BU)

	ABi	Banded iron-formation; metamorphosed
	ABk	Komatiite, metamorphosed; chlorite-tremolite rock and schist
	ABp	Peridotite, olivine orthocumulate and mesocumulate; metamorphosed
	ABr	Tremolite-rich rock and schist; local pseudomorphs after metamorphic olivine
	ABt	Talc(-chlorite-tremolite-carbonate) schist




CHESTER FORMATION (CF)

	ACc	Chert; metamorphosed
	ACf	Quartz-feldspar-hornblende rock (metamorphosed) and schist; includes ACI and ACpb at some localities
	ACg	Grit; chert and quartz fragments in a ferruginous, sandy matrix; metamorphosed
	ACI	Limonitic unit (?after metamorphosed sulfides); massive to bedded
	ACp	Shale, siltstone, and greywacke; metamorphosed
	ACpb	Pelitic schist and slate with porphyroblasts of andalusite, garnet, chloritoid, staurolite, and cordierite
	ACs	Sandstone and siltstone with thin chert and pelitic beds; metamorphosed





HATFIELD FORMATION (HF)

	AH	HATFIELD FORMATION: pelite, psammite, and metamorphosed chemical sedimentary and felsic volcanic rocks
	AHf	Epiclastic sedimentary rock (metamorphosed) and felsic schist
	AHp	Shale, siltstone, and greywacke; metamorphosed
	AHpb	Pelitic schist and slate with porphyroblasts of andalusite, garnet, and chloritoid
	AHs	Sandstone and siltstone, metamorphosed, with thin chert and pelitic interbeds
	AHv	Felsic volcanic rock; mainly dacite; metamorphosed


MAYDON BASALT (MB)

	AMa	Amphibolite
	AMb	Basalt, variolitic and vesicular; metamorphosed
	AMd	Dolerite; metamorphosed


ANNABELLE VOLCANICS / MANYUTUP TONALITE (AM)

	AYd	Dolerite; metamorphosed
	AYt	Tonalite and quartz diorite; massive, coarse-grained, and equigranular; metamorphosed
	AYtm	Tonalite, diorite, and tonalite porphyry; massive, medium-grained, and equigranular to porphyritic; metamorphosed
	AAv	Mafic to intermediate tuff and agglomerate, and related epiclastic rocks (mainly andesite); subordinate dacite; metamorphosed


















CAINOZOIC LATERITE (CZL)

	Czl	Lateritic deposits-laterite, ferruginous duricrust, and ferricrete; massive
---	-----	---

CAINOZOIC SILCRETE (CZU)

	Czu	Silcrete-brown silica caprock over ultramafic rock
---	-----	--

OTHER

	Opencut	Mining area - opencut
	Afv	Felsic volcanic rock; dacite and rhyolite; metamorphosed
	Agn	Gneissic granitoid rock; compositions include trondhjemite, tonalite, granodiorite, and syenogranite
	Agnb	Interleaved gneissic granitoid rock and greenstones
	Asc	Polymictic conglomerate and greywacke; metamorphosed
	Czc	Colluvium-clay, silt, and rock fragments
	Czf	Ferruginous deposits-undifferentiated; mainly ferruginous quartz sand and granules, and angular rock fragments with ferruginous cement
	Czi	Sand with limonitic pisoliths and gravel
	Czs	Sandplain deposits-unconsolidated sand; remnants of peneplain
	Czsr	Sandplain, undulating; reworked Czs
	PLBk	KUNDIP QUARTZITE: quartzite, massive to coarsely bedded
	PLBsc	Conglomerate; metamorphosed; quartzite clasts in psammitic matrix; massive to coarsely bedded
	PLBy	KYBULUP SCHIST: pelitic schist and phyllite with minor psammitic layers
	Qa	Alluvium-clay, silt, and gravel in channels
	Qcb	Colluvium-rubble of boulders and sand derived from granitoid rock and granitoid gneiss; minor outcrops of granitoid rock
	Qcg	Colluvium-rubble of boulders and sand derived from MOUNT BARREN GROUP; minor outcrops of MOUNT BARREN GROUP
	TPp	PALLINUP SILTSTONE: white to yellow to brown siltstone, silty sandstone, and spongolite; mainly deeply weathered

RAVENSTHORPE RANGE
Figure 4 - Legend
GEOLOGICAL MAPPING (WITT 1997)

Author: S. Kern

Date: April 2008