Data sources include
- mapping by Barfuss CorporationPty Ltd
- mapping by and for Mistral Mines in the early 1980s.
- published topographic map sheets
INTERPRETED GEOLOGY

- Alluvium, colluvium
- Trindina supracrustal assemblage (= Trindina Gneiss)
- Pelitic gneisses and schists
- Complexly interlayered pelitic and mafic lithologies
- Harts Range meta-igneous complex (= Riddock Amphibolite)
- Ultramafic - hornblendic / chloritic meta-ultramafic
- Entire Anorthosite - leucocratic anorthosite-rich gneiss
- Amphibolite, Unit 3, gneiss
- Amphibolite, Unit 2, gneiss
- Amphibolite, Unit 1 - gneiss, mylonitized
- Bruna granitic gneiss
- Mylonitized granitic gneiss
- Granite - variable
- Felsic gneisses - massive; plus amphibolites
- Pegmatite

Barfuss Corporation Pty Ltd
Harts Range Project
Mineral Claims
Geology
June 2010

ENTIRE ANORTHOSITE - feldspar-rich (anorthositic) amphibolitic gneiss
soil cover  (soil and/or alluvium, scree, etc.)
Areas of common to abundant outcrop / subcrop

H I L L

D

ULTRAMAFIC - greenish amphibolitic meta-ultramafic

Dykes & Veins

90

80

2 to 4

1 to 2< 1 1 to 3 > 3

CALCSILICATE (CS1)  - calcreted ?marble - soft crumbly calcitic rock

very steeply
incised valley
dehformed, may be very coarsely recrystallised
+/- tremolite? +/- wollastonite?, etc; typically fine grained, may be finely banded (deformed)

GRANITE  - fine(to medium)-grained pinkish feldspar-quartz(-mica) dykes

"GREISSEN-type"(?)  - coarse-grained (too fine for typical pegmatite)
quartz-feldspar-muscovite granitic (or greissen-type?) dykes

Some (primarily CS3) occur as small (<1m) pods within SCHIST, as well as in larger calsilicate units. )

very variable AM in this area

METASEDIMENT  - similar to CS3/QZ, but more quartzose and pelitic

quartz scree

BARFUSS CORPORATION PTY LTD
Name: Mine, Western Territory
Prospect Areas MGA 36750, 34755, 34760
렁은 조각

PLOT: 2k-0810.prn

BARFUSS CORPORATION PTY LTD
Name: Mine, Western Territory
Prospect Areas MGA 36750, 34755, 34760
馍馍 조각

DATE:           October 2008

DRAWN:                 ARC

Flagstaff GeoConsultants
Barfuss Corporation Pty Ltd
Harts Range Ruby Mine

"Area 1" Workings
Proposed Exploratory Tunnel Location

PLAN VIEW
- proposed tunnel
- Drill holes (Barfuss Corporation)

Figure 10

Drill holes (Barfuss Corporation)

Location

500 metres

Barfuss Corporation Pty Ltd
Harts Range Ruby Mine

"Area 1" Workings
Proposed Exploratory Tunnel Location

PLAN VIEW
- proposed tunnel
- Drill holes (Barfuss Corporation)

Figure 10

Drill holes (Barfuss Corporation)

Location

500 metres
Barfuss Corporation Pty Ltd
Harts Range Ruby Mine

"Area 1" Workings
Proposed Exploratory Tunnel Location

CROSS SECTION
West-East, looking North
( approx. 7446 871 mN )

Figure 11
Figure 5

3 irregular vermic zones in ultramafic
(Trench 7, proj. 7.5m north)

veinic. in ultramafic
(Trench 7, proj. 5m north)

veinic. in gneiss
(Trench 7, proj. 5m north)

Ground surface

The vermiculite zone may have been displaced; the vermic zone up & down dip may be thicker than is shown

Figure 12

Barfuss Corporation Pty Ltd
Harts Range
Entire Creek
Vermiculite Prospect

CROSS SECTION
7 447 627 mN
West-East, looking North
Drillholes VE3 and VE5
Down-hole Geology & Interpretation

Location