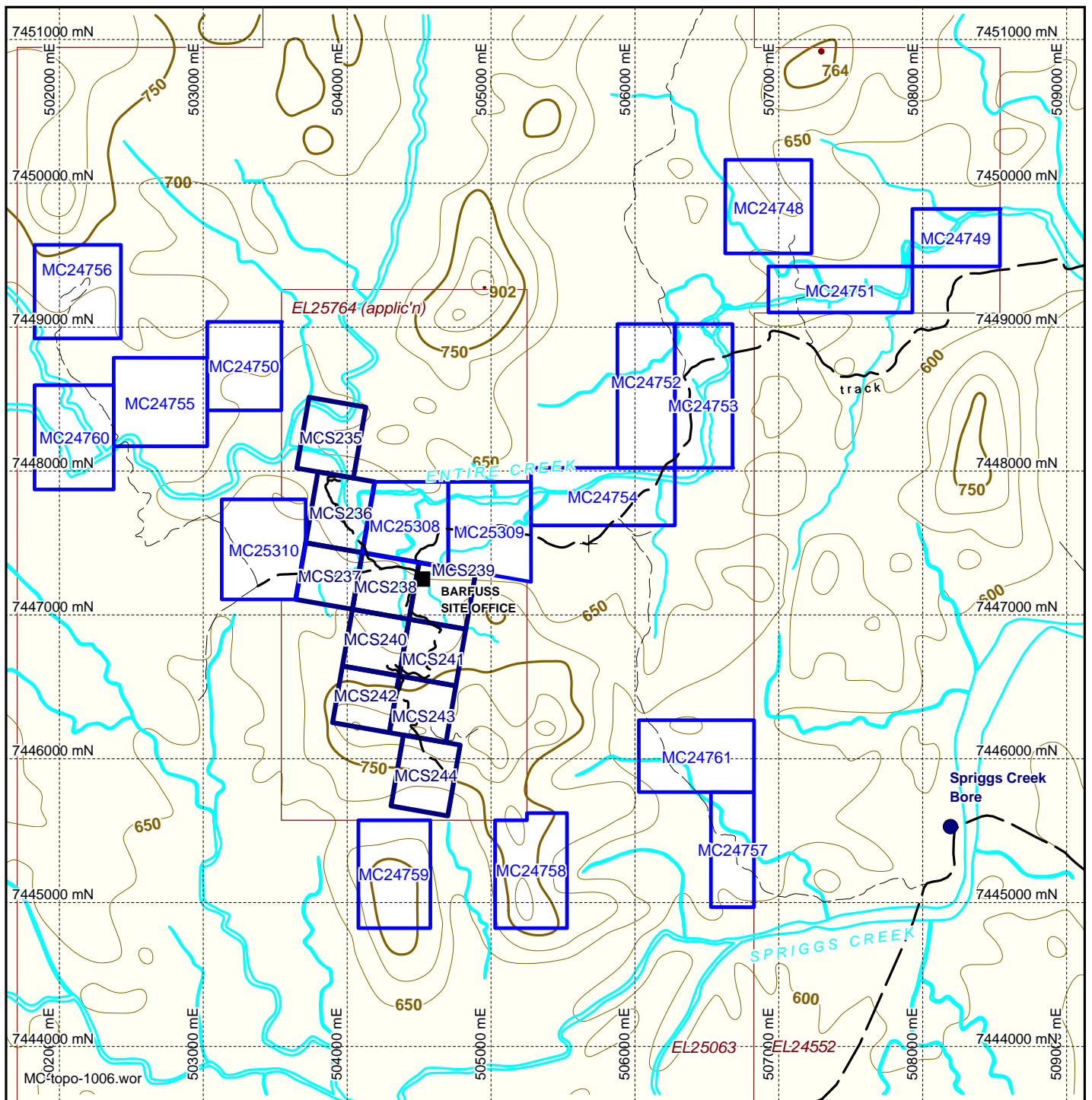





Figure 1



1:40,000
 2,000 metres
 GDA 94, MGA zone 53

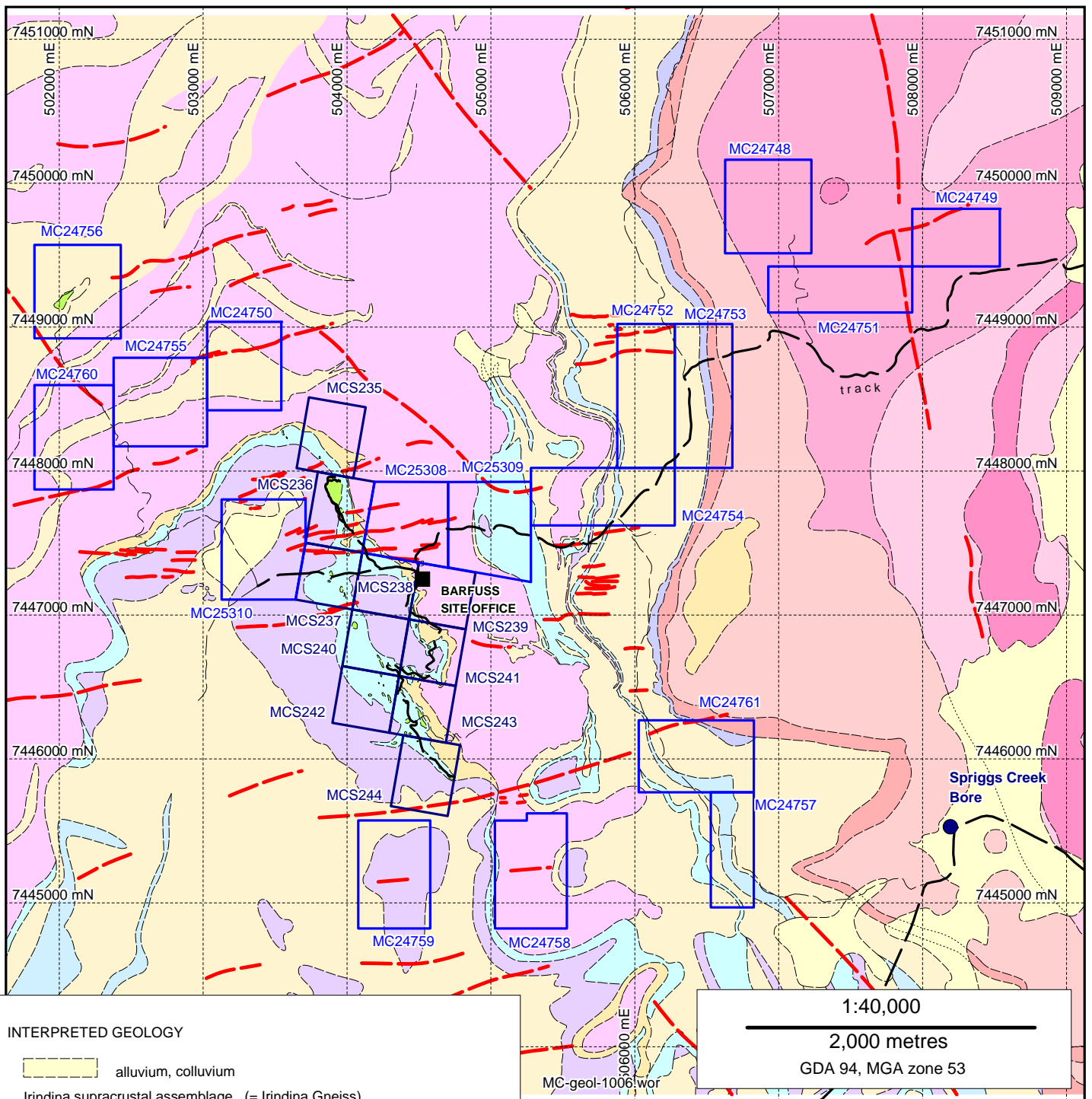
Barfuss Corporation Pty Ltd
Harts Range Project
Mineral Claims
Topography & Drainage

June 2010

-  Mineral Claims
MC 24748-24761 & MC 25308-25310
-  Mineral Claims
MCS 235 - MCS 244
-  Barfuss Corporation
Exploration Licences

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

Figure 2



INTERPRETED GEOLOGY

- alluvium, colluvium
- Irindina supracrustal assemblage (= Irindina Gneiss)
 - pelitic gneisses and schists
 - marble, quartzite, calcisilicate
 - complexly interlayered pelitic and mafic lithologies
- Harts Range meta-igneous complex (= Riddock Amphibolite)
 - ultramafic - hornblende / 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
 - granitic gneiss - variable
- Entia gneiss complex
 - felsic gneisses, plus metasediments and amphibolites
 - amphibolite
 - felsic gneisses - massive; plus amphibolites
- pegmatite

Barfuss Corporation Pty Ltd

Harts Range Project

Mineral Claims

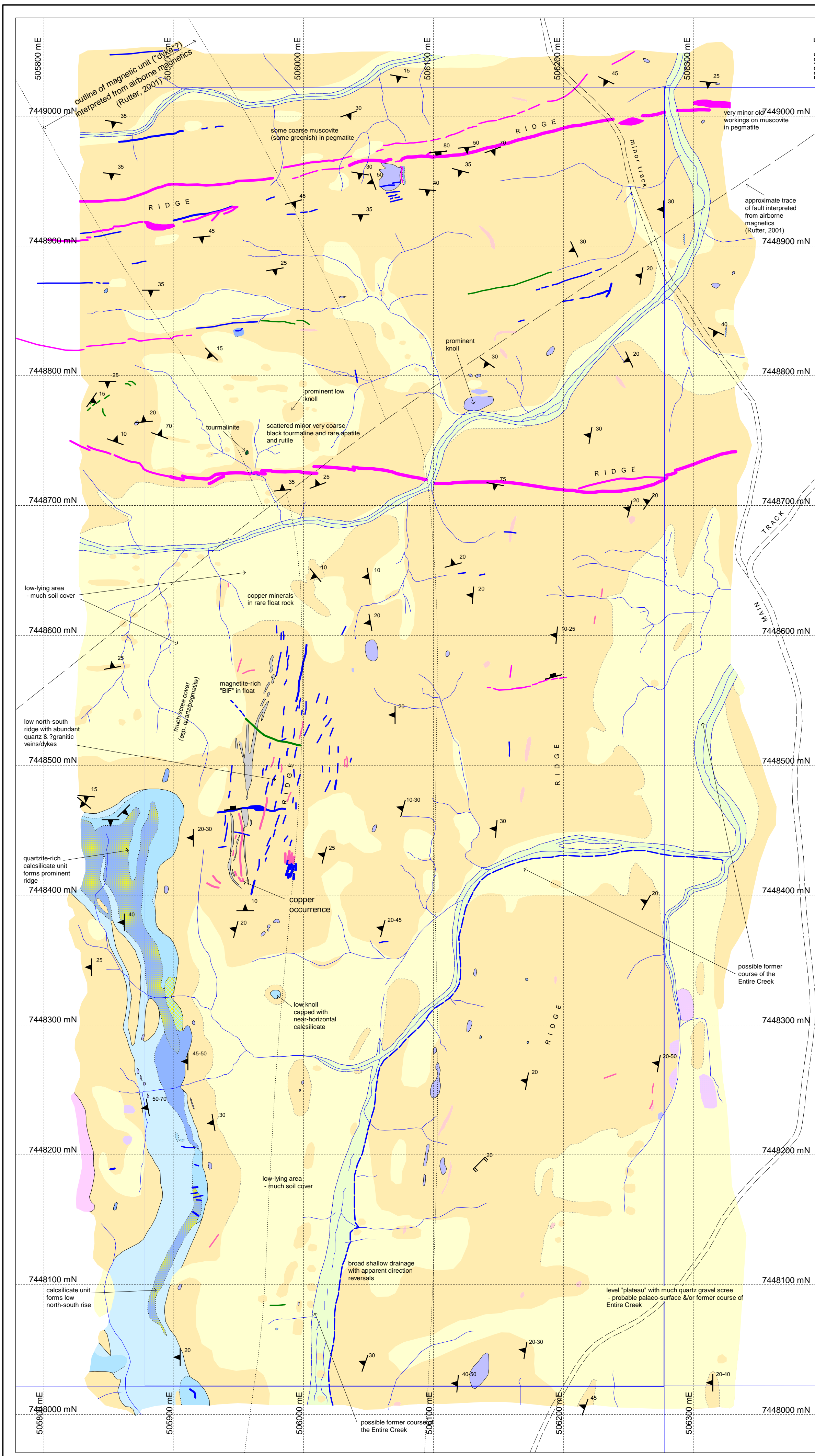
Geology

June 2010

- Barfuss Corporation Mineral Claims
MC 24748-24761 & MC 25308-25310
- Mineral Claims
MCS 235 - MCS 244

Geology adapted from mapping by and for Mistral Mines in the early 1980s.
From:
Lawrence, R.W. 1992. 'Technical Report on the Geology of the Ruby Deposits of the Harts Range Northern Territory.'
(unpublished report)

Figure 3



Drainage & Cover

- drainage - minor or very narrow
- drainage - larger, with well defined channel
- soil cover (soil and/or alluvium, scree, etc.)

Areas of common to abundant outcrop / subcrop

- SCHIST** - undifferentiated
 - schistose gneiss; quartz-feldspar-muscovite-(biotite) +/- garnet +/- sillimanite
- Gneiss** - minor pinkish quartzofeldspathic units/bands in SCHIST
 - may include or be transitional to deformed pegmatite
- AMPHIBOLITE** - undifferentiated
 - major Riddock Amphibolite units, plus discrete pods/lenses in SCHIST
 - typically segregation-banded in Riddock Amphibolite
 - may be more massive & hornblende in discrete pods (& transitional to CS3)
- CALCILICATE (CS1)** - calcreted ?marble - soft crumbly calcitic rock
- CALCILICATE (CS2)** - greenish epidote-rich rock, often coarse grained
- CALCILICATE (CS2A)** - greenish epidote-rich rock, heavily quartz-veined, deformed, may be very coarsely recrystallised
- CALCILICATE (CS3)** - very variable, quartz +/- epidote +/- garnet +/- diopside? +/- tremolite? +/- wollastonite?, etc; typically fine grained, may be finely banded (deformed)
- CALCILICATE (QZ) - QUARTZITE** - pale, quartz-dominant; minor calcilicite minerals (inc. garnet) (similar to (variant of) CS3)

(Calcilicite rocks are very variable and transitional from one to the other. Some (primarily CS3) occur as small (<1m) pods within SCHIST, as well as in larger calcilicite units.)

- METASEDIMENT** - similar to CS3/QZ, but more quartzose and pelitic (probably a variant of similar rocks)

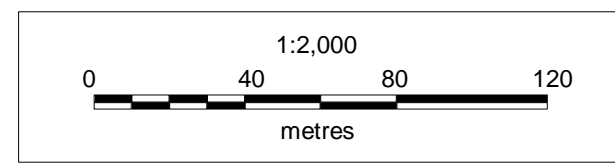
Dykes & Veins (shown partly diagrammatically in more clustered areas)

Thickness (metres)

- < 1
- 1 to 2
- 2 to 3
- 3 to 4
- > 3

- QUARTZ** - vein or dyke; rarely continuous over more than 10-20m; typically whitish, may be brown in amphibolite country rock; often with minor clear quartz
- QUARTZ - TOURMALINE** - vein or dyke; tourmaline fine-grained, black usually in rough bands and on vein walls; rarely more than 0.5m thick
- PEGMATITE** - typical coarse-to-very-coarse-grained quartz-feldspar-muscovite-(biotite) dykes (variable mineral abundances & proportions); may be very thick and hundreds of metres in length
- GRANITE** - fine(to medium)-grained pinkish feldspar-quartz(-mica) dyke
- "GREISSEN-type" (?)** - coarse-grained (too fine for typical pegmatite) quartz-feldspar-muscovite granitic (or greissen-type?) dykes

Mapped at 1:2,000 scale using handheld GPS.
Relative positioning in specific areas should be accurate to +/-1-2 metres, but absolute positioning (i.e. coordinate accuracy) may be no better than +/-5-10 metres.

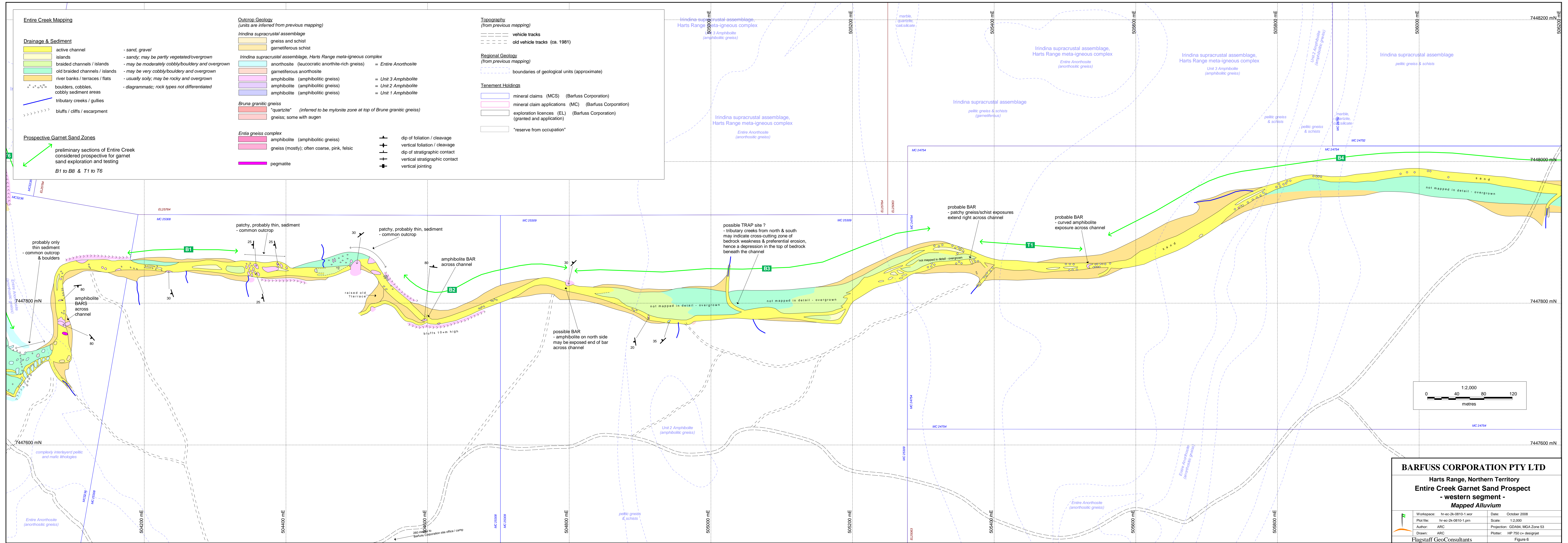


BARFUSS CORPORATION PTY LTD

Harts Range, Northern Territory
Prospect Area MC 24752
Mapped Geology
(1:2,000)

Workspace: 24752-2k-0810.wor	Date: October 2008
Plot file: 24752-2k-0810.pm	Scale: 1:2,000
Author: ARC	Projection: GDA94, MGA Zone 53
Drawn: ARC	Plotter: HP 750 c plus

Flagstaff GeoConsultants Figure 4



Entire Creek Mapping

Drainage & Sediment

- active channel
- islands
- braided channels / islands
- old braided channels / islands
- river banks / terraces / flats
- boulders, cobbles, cobbly sediment areas
- tributary creeks / gullies
- bluffs / cliffs / escarpment

Prospective Garnet Sand Zones

- preliminary sections of Entire Creek considered prospective for garnet sand exploration and testing
- B1 to B8 & T1 to T6**

Outcrop Geology
(units are inferred from previous mapping)

- Irindina supracrustal assemblage**
- gneiss and schist
 - garnetiferous schist
- Irindina supracrustal assemblage, Harts Range meta-igneous complex**
- anorthosite (leucocratic anorthite-rich gneiss) = Entire Anorthosite
 - garnetiferous anorthosite
 - amphibolite (amphibolitic gneiss) = Unit 3 Amphibolite
 - amphibolite (amphibolitic gneiss) = Unit 2 Amphibolite
 - amphibolite (amphibolitic gneiss) = Unit 1 Amphibolite

Bruna granitic gneiss

- "quartzite" (inferred to be mylonite zone at top of Bruna granitic gneiss)
- gneiss; some with augen

Entia gneiss complex

- amphibolite (amphibolitic gneiss)
- gneiss (mostly); often coarse, pink, felsic
- pegmatite

Topography
(from previous mapping)

- vehicle tracks
- old vehicle tracks (ca. 1981)

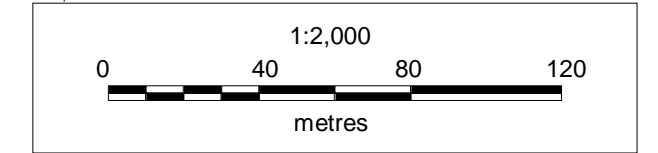
Regional Geology
(from previous mapping)

- boundaries of geological units (approximate)

Tenement Holdings

- mineral claims (MCS) (Barfuss Corporation)
- mineral claim applications (MC) (Barfuss Corporation)
- exploration licences (EL) (Barfuss Corporation) (granted and application)
- "reserve from occupation"

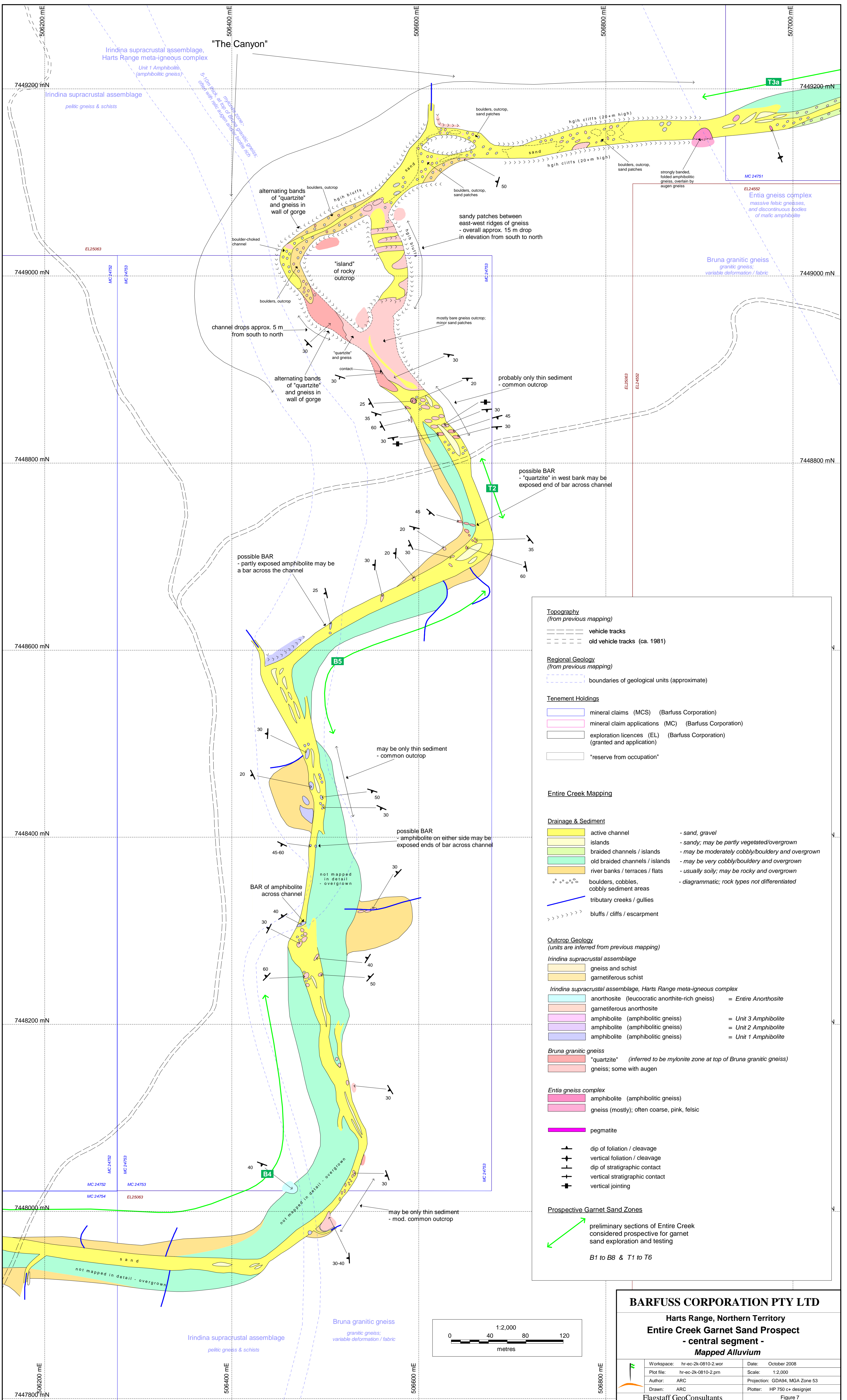
- dip of foliation / cleavage
- vertical foliation / cleavage
- dip of stratigraphic contact
- vertical stratigraphic contact
- vertical jointing



BARFUSS CORPORATION PTY LTD

Harts Range, Northern Territory
 Entire Creek Garnet Sand Prospect
 - western segment -
 Mapped Alluvium

Workspace: hr-ec-2k-0810-1.wor	Date: October 2008
Plot file: hr-ec-2k-0810-1.prn	Scale: 1:2,000
Author: ARC	Projection: GDA94, MGA Zone 53
Drawn: ARC	Plotted: HP 750 c+ designjet
Flagstaff GeoConsultants	Figure 6



Topography
(from previous mapping)

- vehicle tracks
- - - old vehicle tracks (ca. 1981)

Regional Geology
(from previous mapping)

- boundaries of geological units (approximate)

Tenement Holdings

- mineral claims (MCS) (Barfuss Corporation)
- mineral claim applications (MC) (Barfuss Corporation)
- exploration licences (EL) (Barfuss Corporation) (granted and application)
- "reserve from occupation"

Entire Creek Mapping

Drainage & Sediment

- active channel - sand, gravel
- islands - sandy; may be partly vegetated/overgrown
- braided channels / islands - may be moderately cobbly/bouldery and overgrown
- old braided channels / islands - may be very cobbly/bouldery and overgrown
- river banks / terraces / flats - usually soily; may be rocky and overgrown
- boulders, cobbles, cobbly sediment areas - diagrammatic; rock types not differentiated
- tributary creeks / gullies
- bluffs / cliffs / escarpment

Outcrop Geology
(units are inferred from previous mapping)

Irindina supracrustal assemblage

- gneiss and schist
- garnetiferous schist

Irindina supracrustal assemblage, Harts Range meta-igneous complex

- anorthosite (leucocratic anorthite-rich gneiss) = Entire Anorthosite
- garnetiferous anorthosite
- amphibolite (amphibolitic gneiss) = Unit 3 Amphibolite
- amphibolite (amphibolitic gneiss) = Unit 2 Amphibolite
- amphibolite (amphibolitic gneiss) = Unit 1 Amphibolite

Bruna granitic gneiss

- "quartzite" (inferred to be mylonite zone at top of Bruna granitic gneiss)
- gneiss; some with augen

Entia gneiss complex

- amphibolite (amphibolitic gneiss)
- gneiss (mostly); often coarse, pink, felsic

--- pegmatite

- ▲ dip of foliation / cleavage
- ▲ vertical foliation / cleavage
- ▲ dip of stratigraphic contact
- ▲ vertical stratigraphic contact
- ▲ vertical jointing

Prospective Garnet Sand Zones

- preliminary sections of Entire Creek considered prospective for garnet sand exploration and testing
- B1 to B8 & T1 to T6

BARFUSS CORPORATION PTY LTD

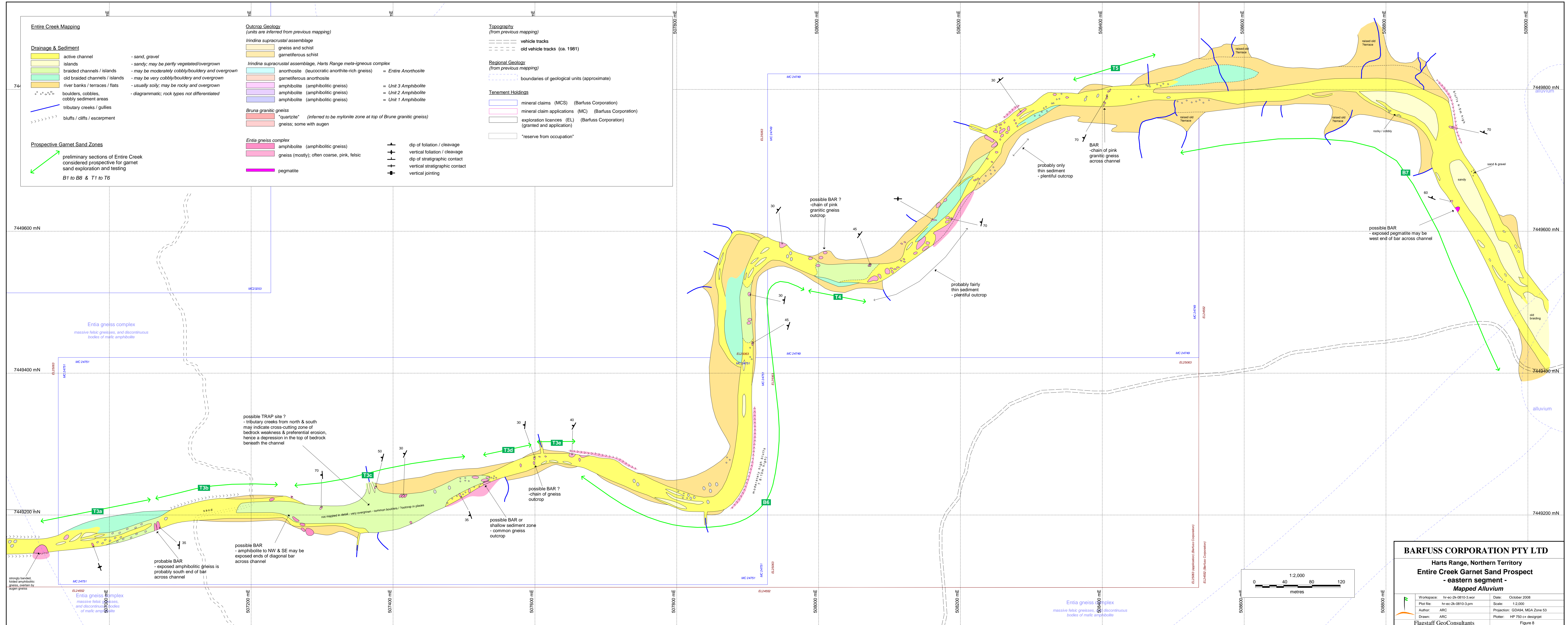
Harts Range, Northern Territory

Entire Creek Garnet Sand Prospect

- central segment -

Mapped Alluvium

Workspace:	hr-ec-2k-0810-2.wor	Date:	October 2008
Plot file:	hr-ec-2k-0810-2.prm	Scale:	1:2,000
Author:	ARC	Projection:	GDA94, MGA Zone 53
Drawn:	ARC	Plotter:	HP 750 c+ designjet
Flagstaff GeoConsultants		Figure 7	



Entire Creek Mapping

Drainage & Sediment

- active channel - sand, gravel
- islands - sandy, may be partly vegetated/overgrown
- braided channels / islands - may be moderately cobbly/bouldery and overgrown
- old braided channels / islands - may be very cobbly/bouldery and overgrown
- river banks / terraces / flats - usually silty; may be rocky and overgrown
- boulders, cobbles, cobbly sediment areas - diagrammatic; rock types not differentiated
- tributary creeks / gullies
- bluffs / cliffs / escarpment

Prospective Garnet Sand Zones

- preliminary sections of Entire Creek considered prospective for garnet sand exploration and testing
- B1 to B6 & T1 to T6

Outcrop Geology
(units are inferred from previous mapping)

Irindina supracrustal assemblage

- gneiss and schist
- garnetiferous schist

Irindina supracrustal assemblage, Harts Range meta-igneous complex

- anorthosite (leucocratic anorthite-rich gneiss) = Entire Anorthosite
- garnetiferous anorthosite = Unit 2 Amphibolite
- amphibolite (amphibolitic gneiss) = Unit 3 Amphibolite
- amphibolite (amphibolitic gneiss) = Unit 2 Amphibolite
- amphibolite (amphibolitic gneiss) = Unit 1 Amphibolite

Bruna granitic gneiss

- "quartzite" (inferred to be mylonite zone at top of Bruna granitic gneiss)
- gneiss; some with augen

Entia gneiss complex

- amphibolite (amphibolitic gneiss)
- gneiss (mostly); often coarse, pink, felsic
- pegmatite

Topography
(from previous mapping)

- vehicle tracks
- old vehicle tracks (ca. 1981)

Regional Geology
(from previous mapping)

- boundaries of geological units (approximate)

Tenement Holdings

- mineral claims (MCS) (Barfuss Corporation)
- mineral claim applications (MC) (Barfuss Corporation)
- exploration licences (EL) (Barfuss Corporation) (granted and application)
- "reserve from occupation"

Structural Symbols

- dip of foliation / cleavage
- vertical foliation / cleavage
- dip of stratigraphic contact
- vertical stratigraphic contact
- vertical jointing

BARFUSS CORPORATION PTY LTD

Harts Range, Northern Territory

Entire Creek Garnet Sand Prospect

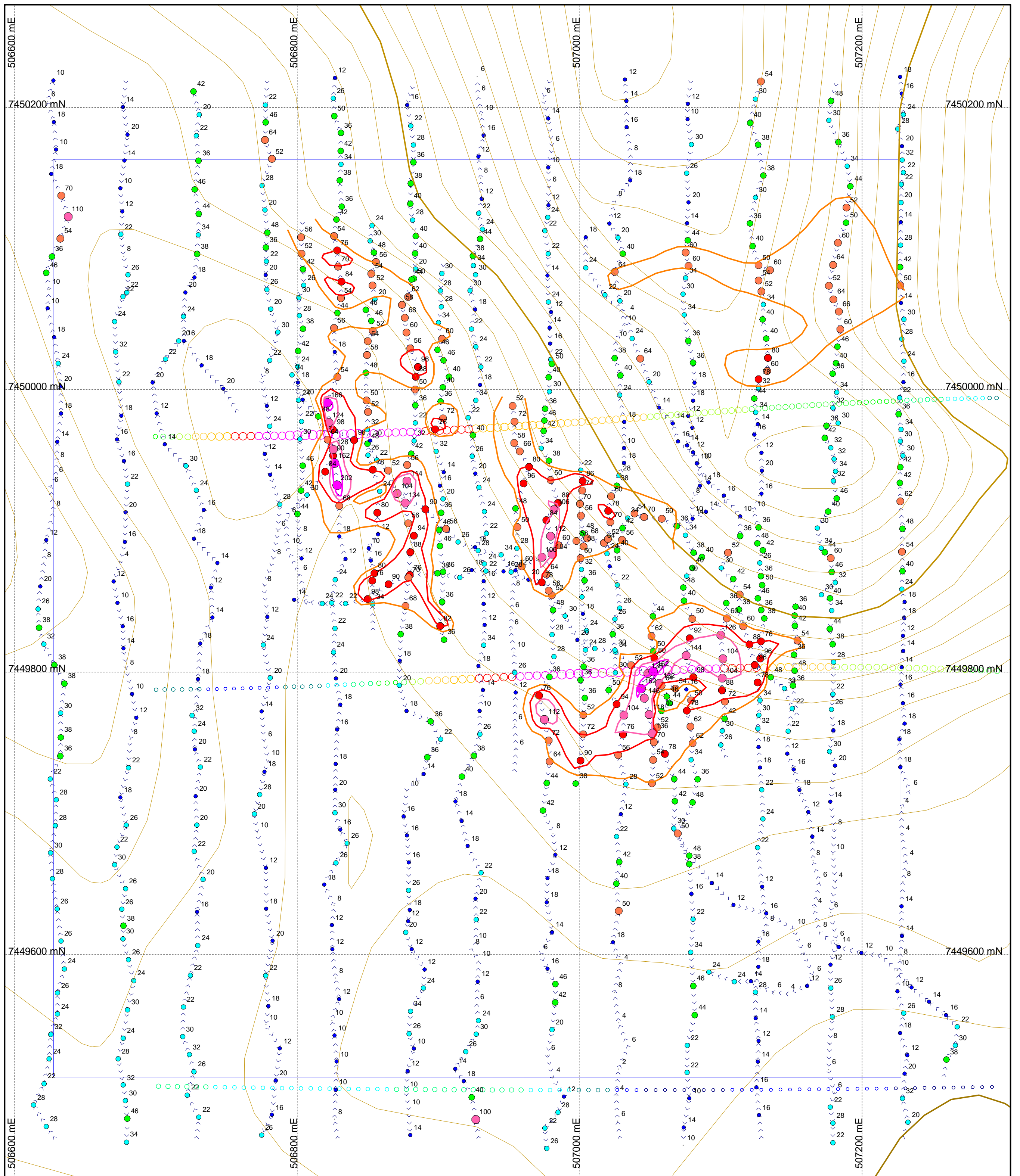
- eastern segment -

Mapped Alluvium

Workspace:	hr-ec-2k-0810-3.wor	Date:	October 2008
Plot file:	hr-ec-2k-0810-3.pn	Scale:	1:2,000
Author:	ARC	Projection:	GDA84, MGA Zone 53
Drawn:	ARC	Plotter:	HP 750 c+ designjet

Flagstaff GeoConsultants

Figure 8



**Spriggs Area (subset) Airborne Radiometric Survey
Thorium Readings**

- 105.7 to 112.6 (26)
- 96 to 105.7 (21)
- 85.9 to 96 (20)
- 77 to 85.9 (23)
- 69.8 to 77 (22)
- 64.6 to 69.8 (36)
- 60.5 to 64.6 (23)
- 55 to 60.5 (11)
- 49.1 to 55 (29)
- 44.5 to 49.1 (33)
- 40.8 to 44.5 (17)
- 37.9 to 40.8 (29)
- 34.5 to 37.9 (20)

**Ground Spectrometer Survey
Colour-coded by Thorium (eppm)**

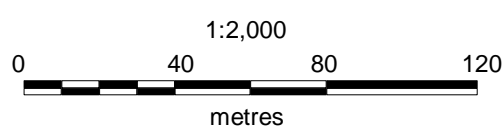
- 150 to 500 (4)
- 100 to 150 (15)
- 75 to 100 (32)
- 50 to 75 (88)
- 35 to 50 (154)
- 20 to 35 (244)
- 10 to 20 (201)
- 0 to 10 (79)

>>>> Ground traverse route & direction
(Each reading is an average over the preceding interval)

Topographic contours (approx.)
(Derived from SRTM imagery)

**Ground spectrometer Survey - Interpretative Contours
(most anomalous areas only)**

- 150 eppm Thorium
- 100 eppm Thorium
- 75 eppm Thorium
- 50 eppm Thorium



BARFUSS CORPORATION PTY LTD

**Harts Range, Northern Territory
Thorium Anomaly Area (MC 24748)
Ground Spectrometer Survey
Thorium Readings**

Workspace:	hr-a-ThAnom-0810.wor	Date:	October 2008
Plot file:	hr-a-ThAnom-0810.prn	Scale:	1:2,000
Author:	ARC	Projection:	GDA94, MGA Zone 53
Drawn:	ARC	Plotter:	HP 750 c+ designjet
Flagstaff GeoConsultants		Figure 9	

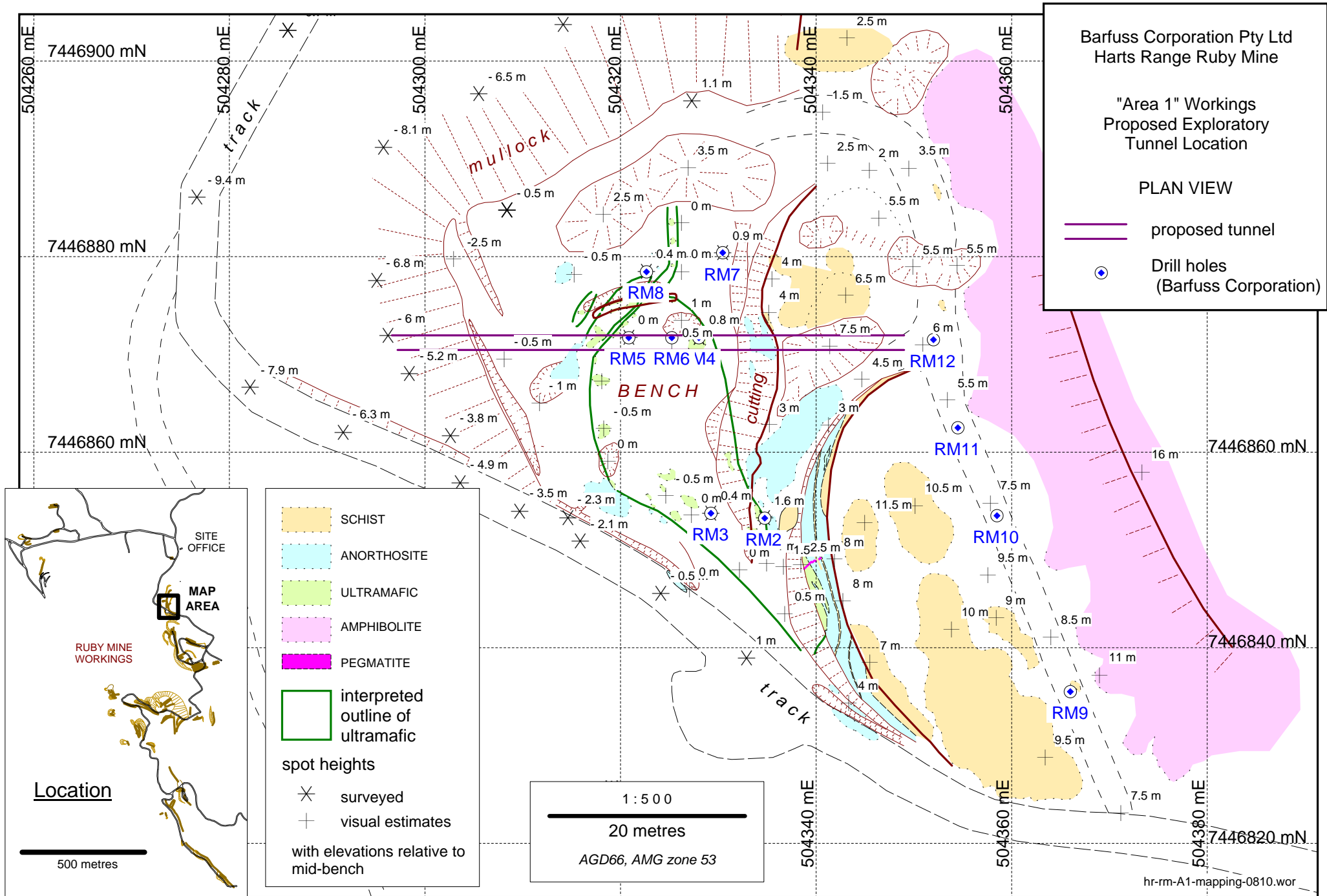


Figure 10

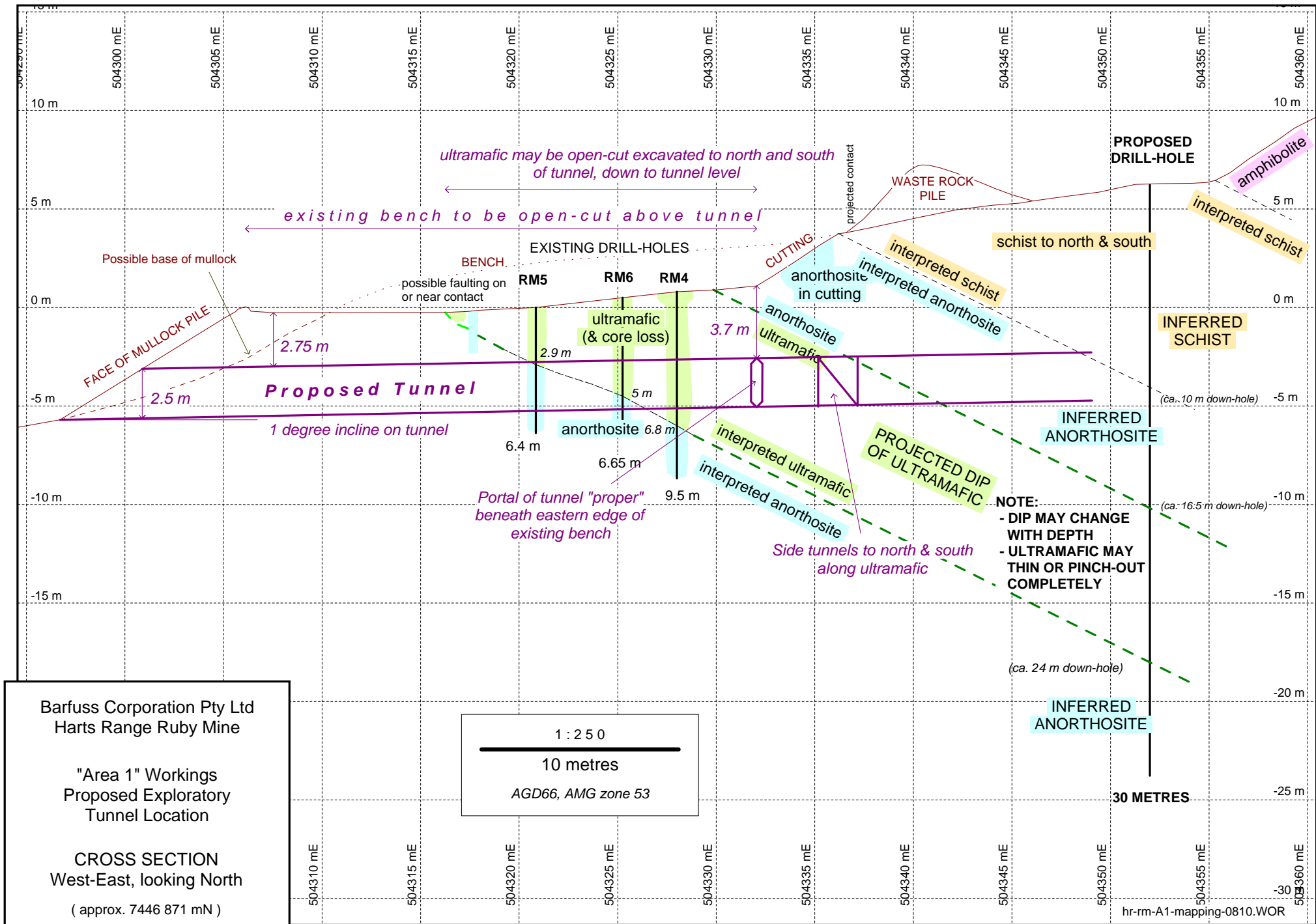


Figure 11

Figure 5

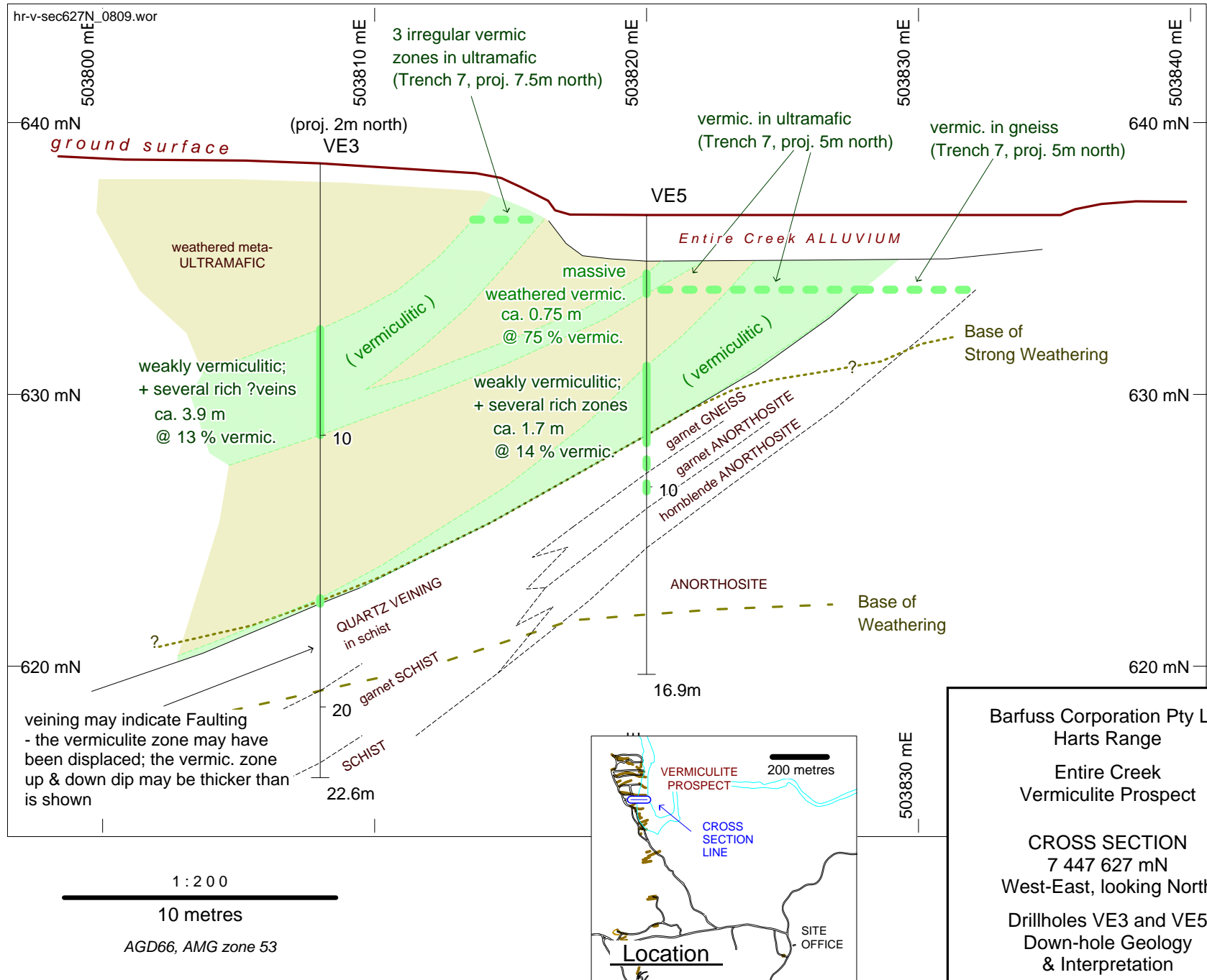


Figure 12