USGS
science for a changing world

Aynak Area of Interest

34°30'N

68°45'E · 69°0'E · 69°15'E

Kabul Province

Bagrami

Chahar Asyab · Musayi

Nirkh

Wardak Province

Logar Province

34°15'N

Muhammed Agha

Logar River

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data
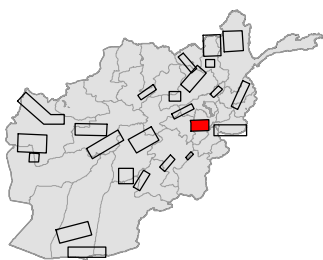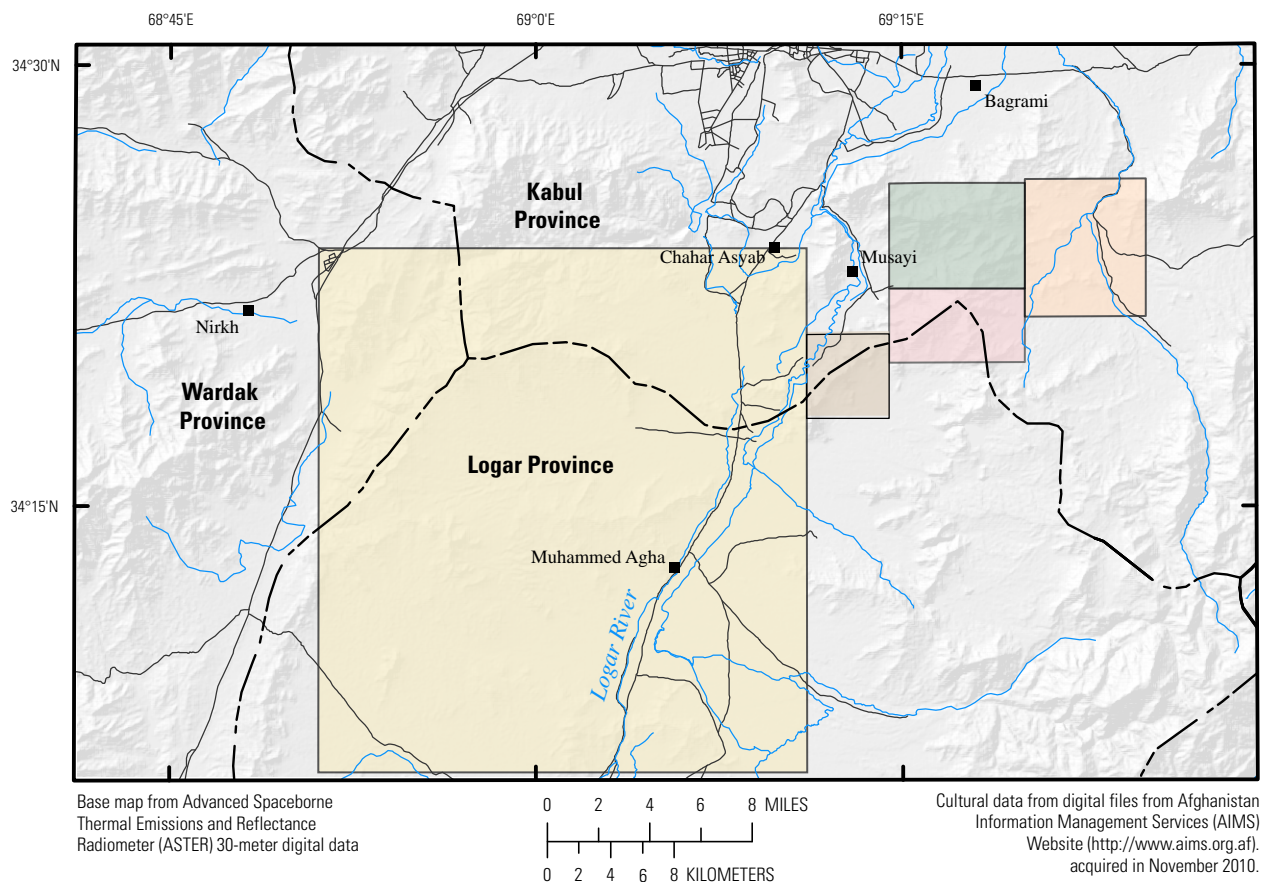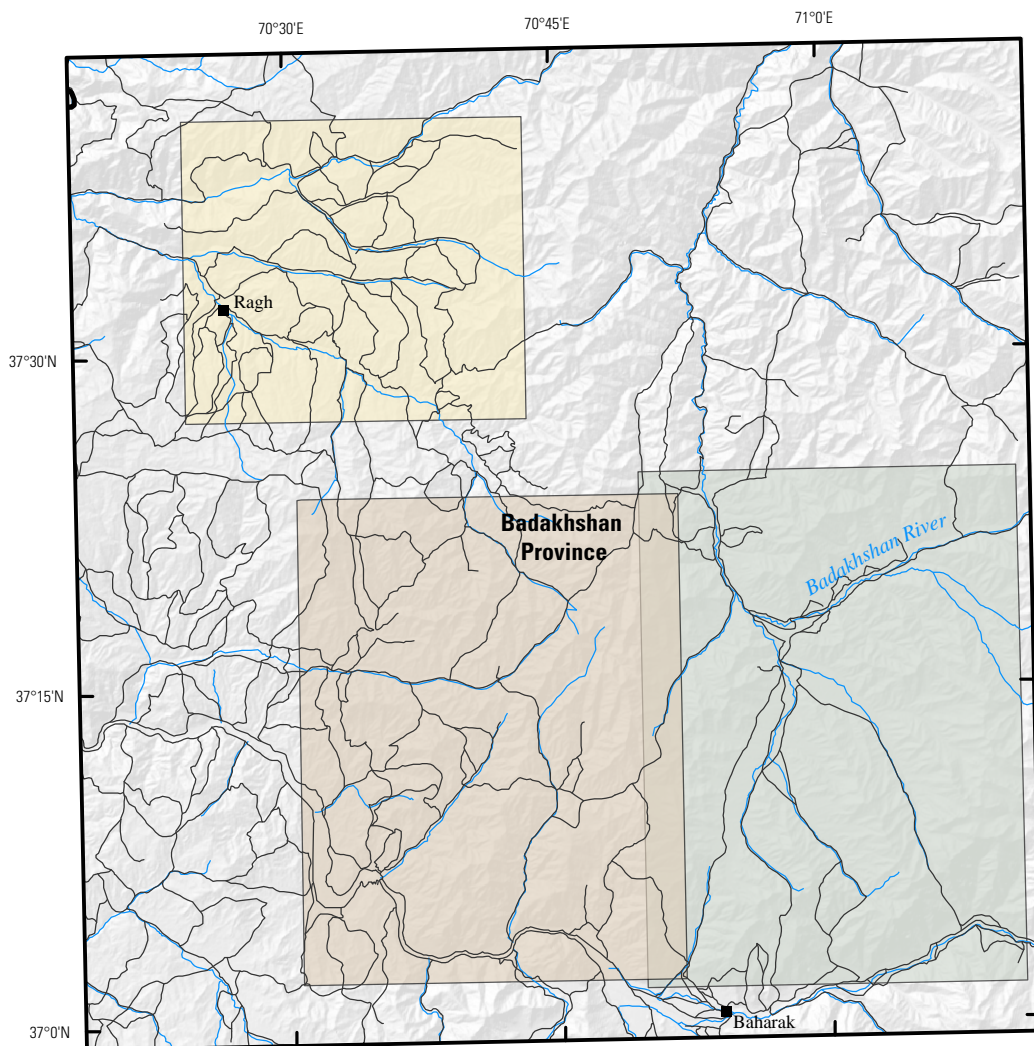
0 2 4 6 8 MILES

0 2 4 6 8 KILOMETERS

EXPLANATION

Subareas

- Logar Valley
- Kelaghey Kakhay
- Yagh Darra Gul Darra
- Bakhel Charwas
- Kharuti Dawrankhel

Badakhshan Area of Interest

70°30'E 70°45'E 71°0'E

Ragh

37°30'N

Badakhshan Province

Badakhshan River

37°15'N

37°0'N
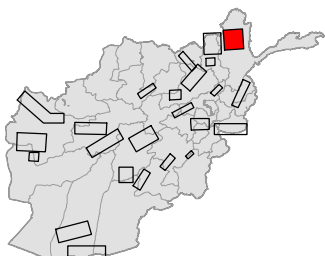
Baharak

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   3   6   8   12 MILES

0   3   6   8   12 KILOMETERS

EXPLANATION

Subareas

Ragh

Fayz Abad

Bharak District

Baghlan Area of Interest
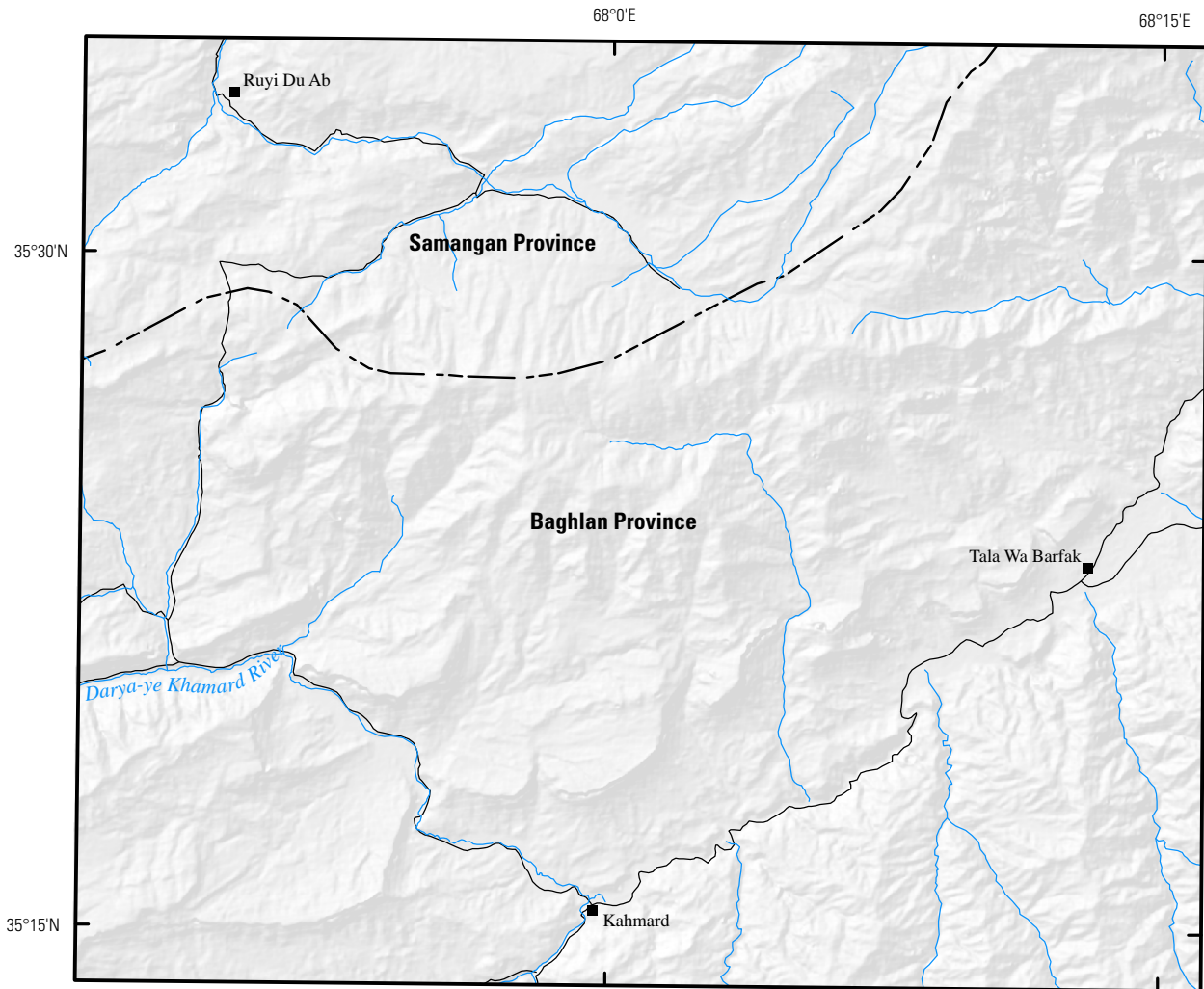
Ruyi Du Ab

68°0'E

68°15'E

Samangan Province

35°30'N

Baghlan Province

Tala Wa Barfak

Darya-ye Khamard River

35°15'N

Kahmard

Bakhud Area of Interest

65°45'E   66°0'E

32°45'N

Uruzgan River

32°30'N

Uruzgan Province

■ Nesh

32°15'N

Kandahar Province

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   4   8   12   16 MILES

0   4   8   12   16 KILOMETERS

Cultural data from digital files from
AfghanistanInformation Management
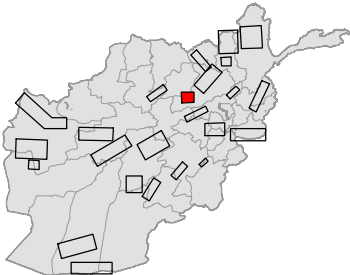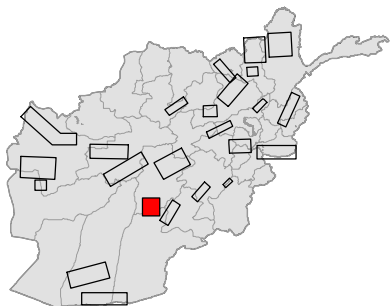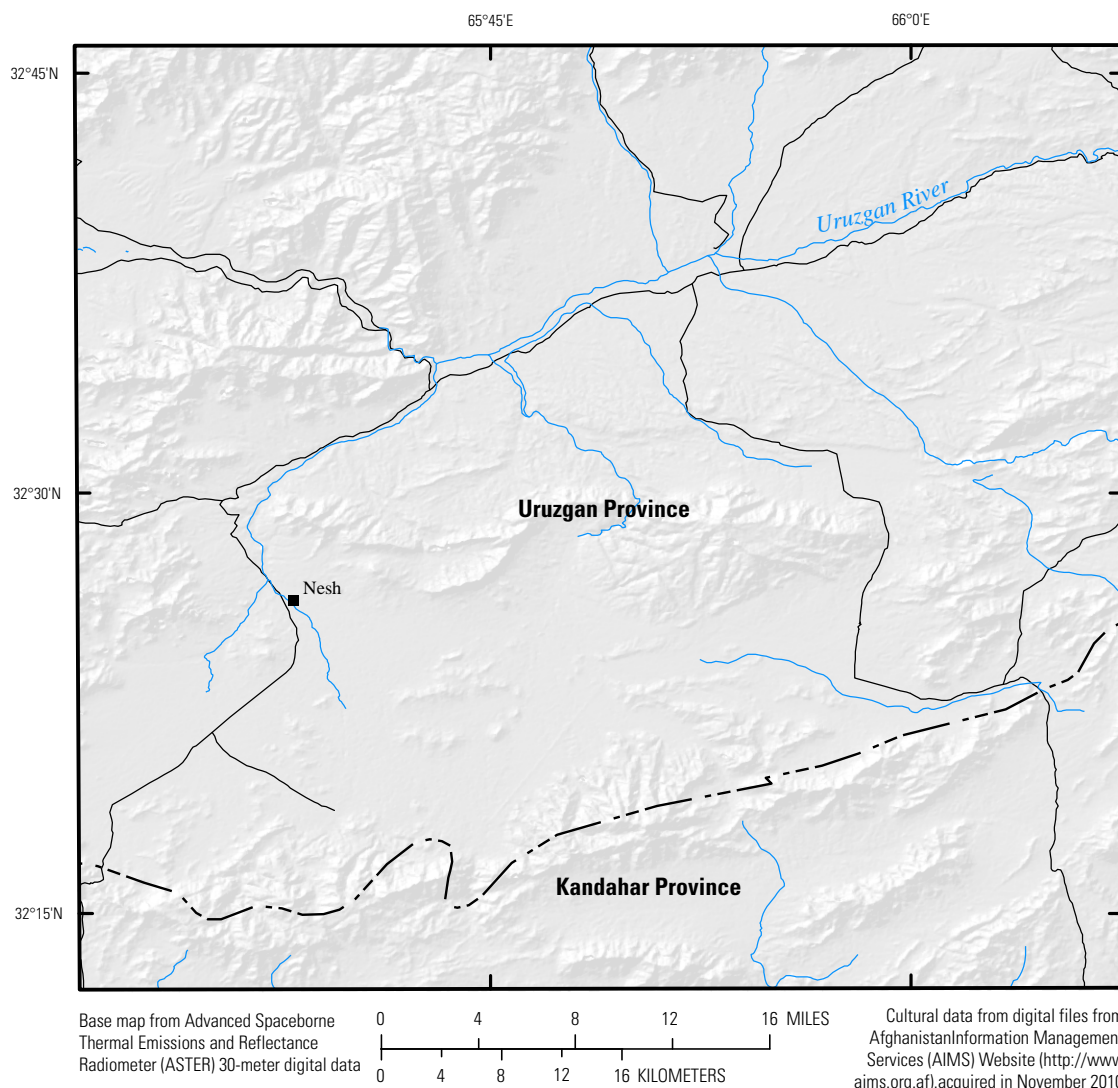Services (AIMS) Website (http://www.
aims.org.af).acquired in November 2010.

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.
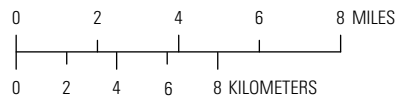
Balkhab Area of Interest

67°0'E

Balkh Province

35°45'N

66°45'E

66°30'E

Saripul Province

Balkhab River

35°30'N

Balkhab

Base map from Advanced Spaceborne Thermal Emissions and Reflectance Radiometer (ASTER) 30-meter digital data

| 0 | 4 | 8 | 12 | 16 | MILES |

| 0 | 4 | 8 | 12 | 16 | KILOMETERS |

Cultural data from digital files from Afghanistan Information Management Services (AIMS) Website (http://www.aims.org.af). acquired in November 2010.
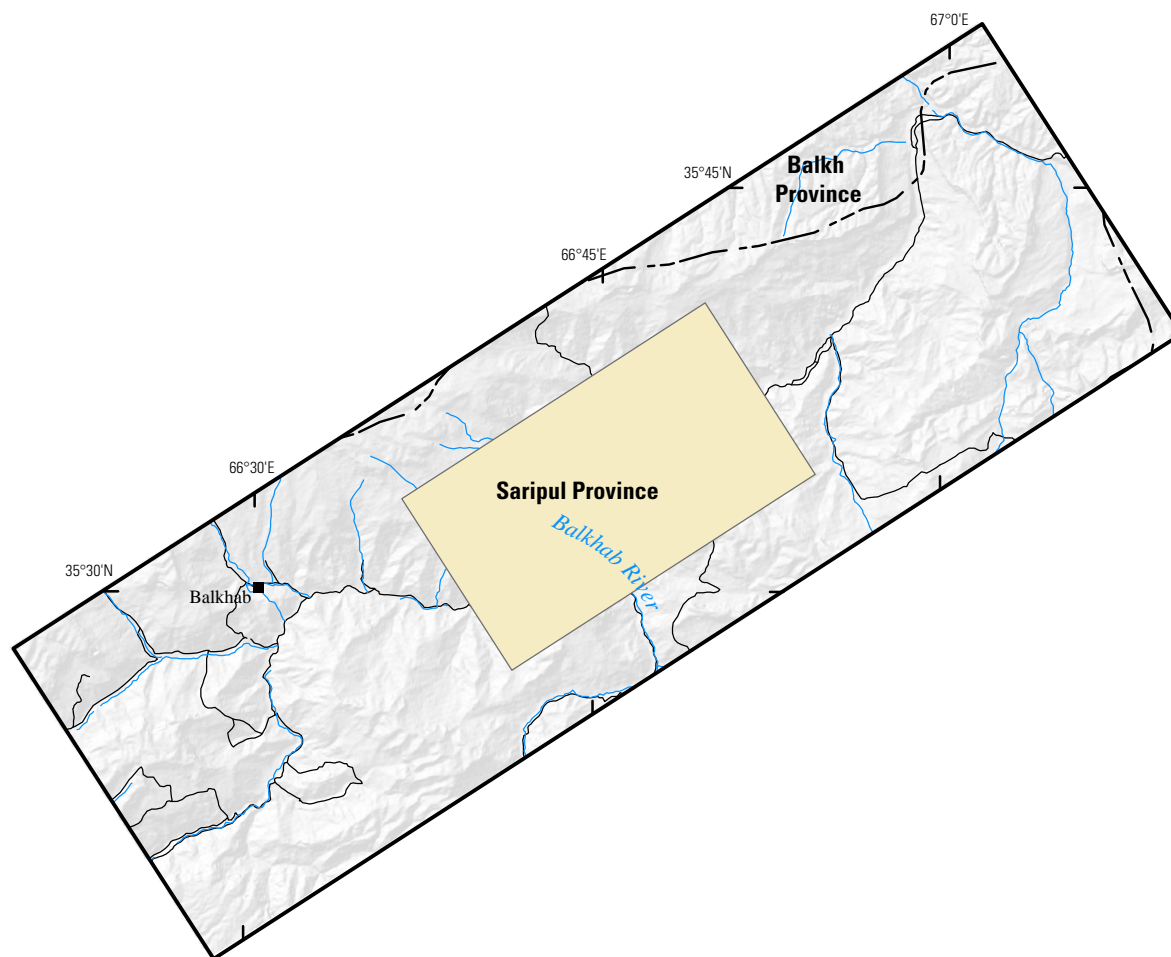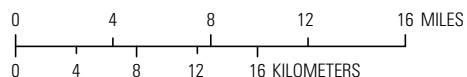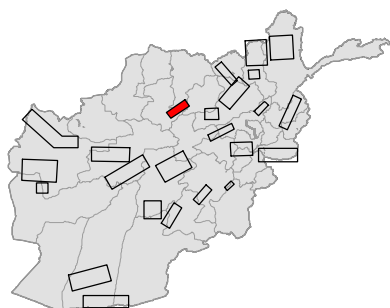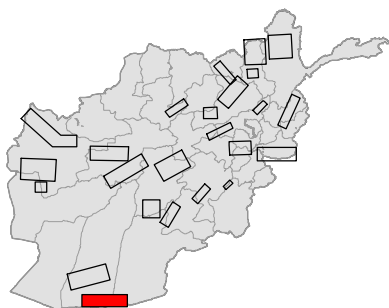
EXPLANATION

Subareas

Balkhab Prospect Area

Areas of interest and subareas are defined in Peters and others (2007). Data modified by the U.S. Geological Survey (USGS) and AIMS.

Chaigai Hills Area of Interest

63°30'E 63°45'E 64°0'E 64°15'E 64°30'E 64°45'E

29°45'N

Kandahar Province

Helmand Province

PAKISTAN

29°30'N

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   5   10   15   20 MILES

0   5   10   15   20 KILOMETERS

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
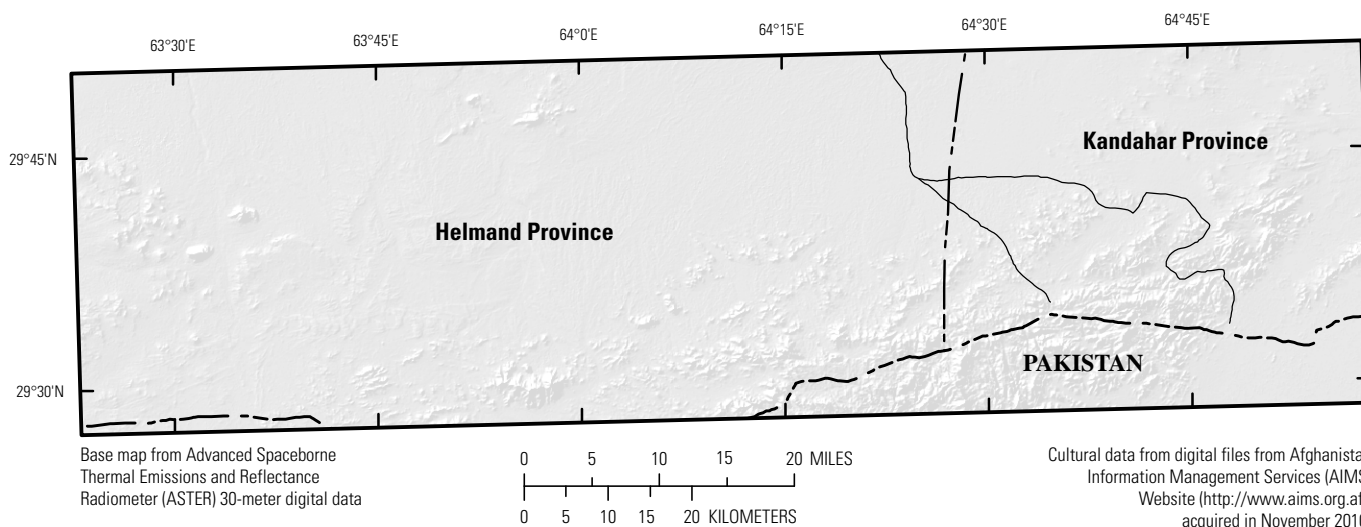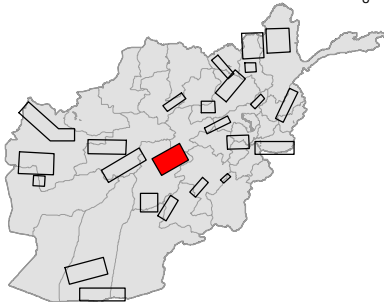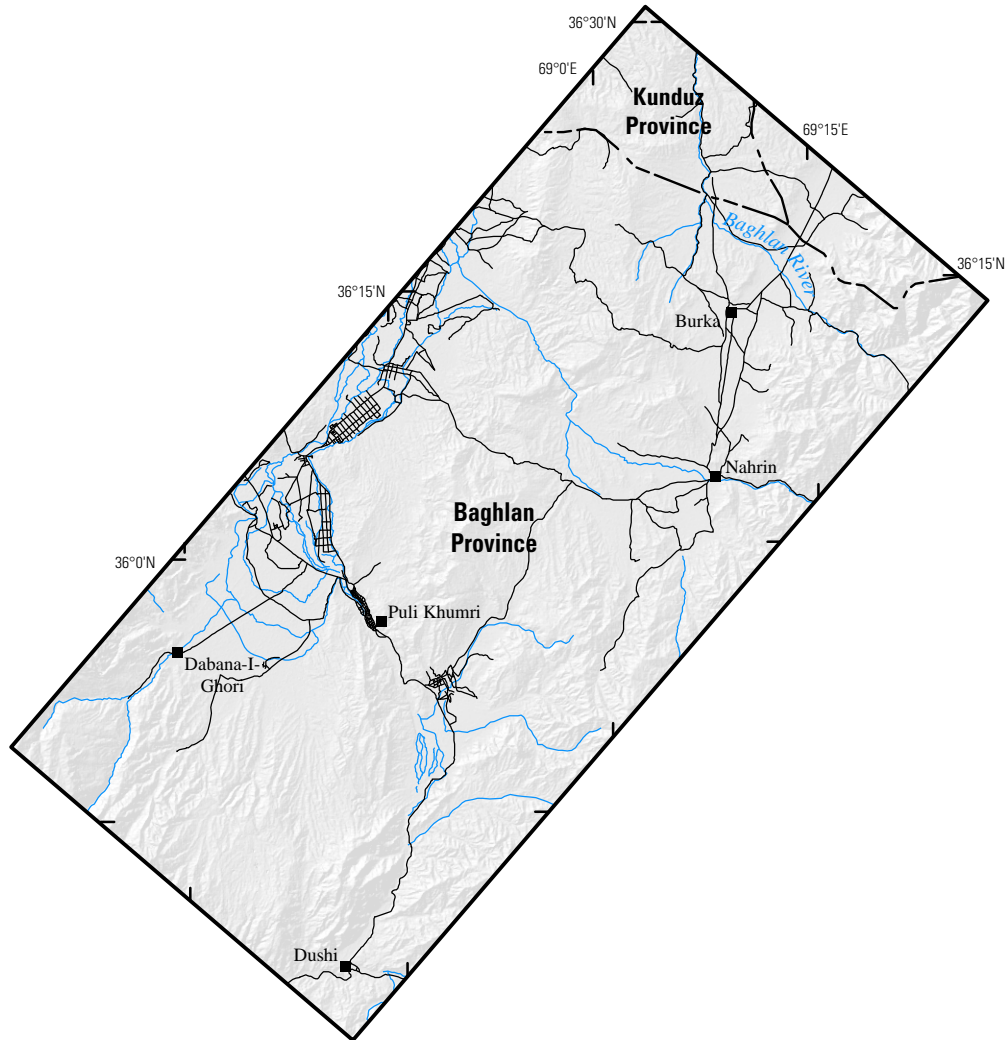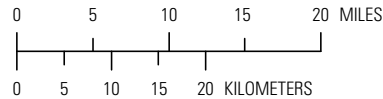Website (http://www.aims.org.af).
acquired in November 2010.

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

Daykundi Area of Interest

34°15'N
66°45'E
Waras

66°30'E
Bamyan Province

66°15'E

66°0'E

Uruzgan Province

33°45'N

Shahristan

33°30'N

Gizab

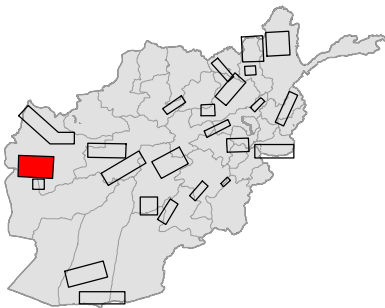Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   5   10   15   20 MILES

0   5   10   15   20 KILOMETERS
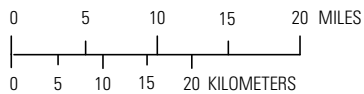
Dudkash Area of Interest

36°30'N

69°0'E

Kunduz Province

69°15'E

36°15'N

Baghlan River

36°15'N

Burka

36°15'N

Nahrin

Baghlan Province

36°0'N

Puli Khumri

Dabana-I-
Ghori

Dushi

| 0 | 5 | 10 | 15 | 20 | MILES |

| 0 | 5 | 10 | 15 | 20 | KILOMETERS |

Dusar Area of Interest

61°15'E   61°30'E   61°45'E   62°0'E   62°15'E

33°45'N

Hirat Province

Adraskan

Dusar River

33°30'N

Farah Province

Shindand

0   5   10   20 MILES

0   5   10   20 KILOMETERS
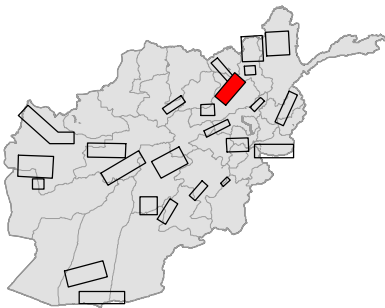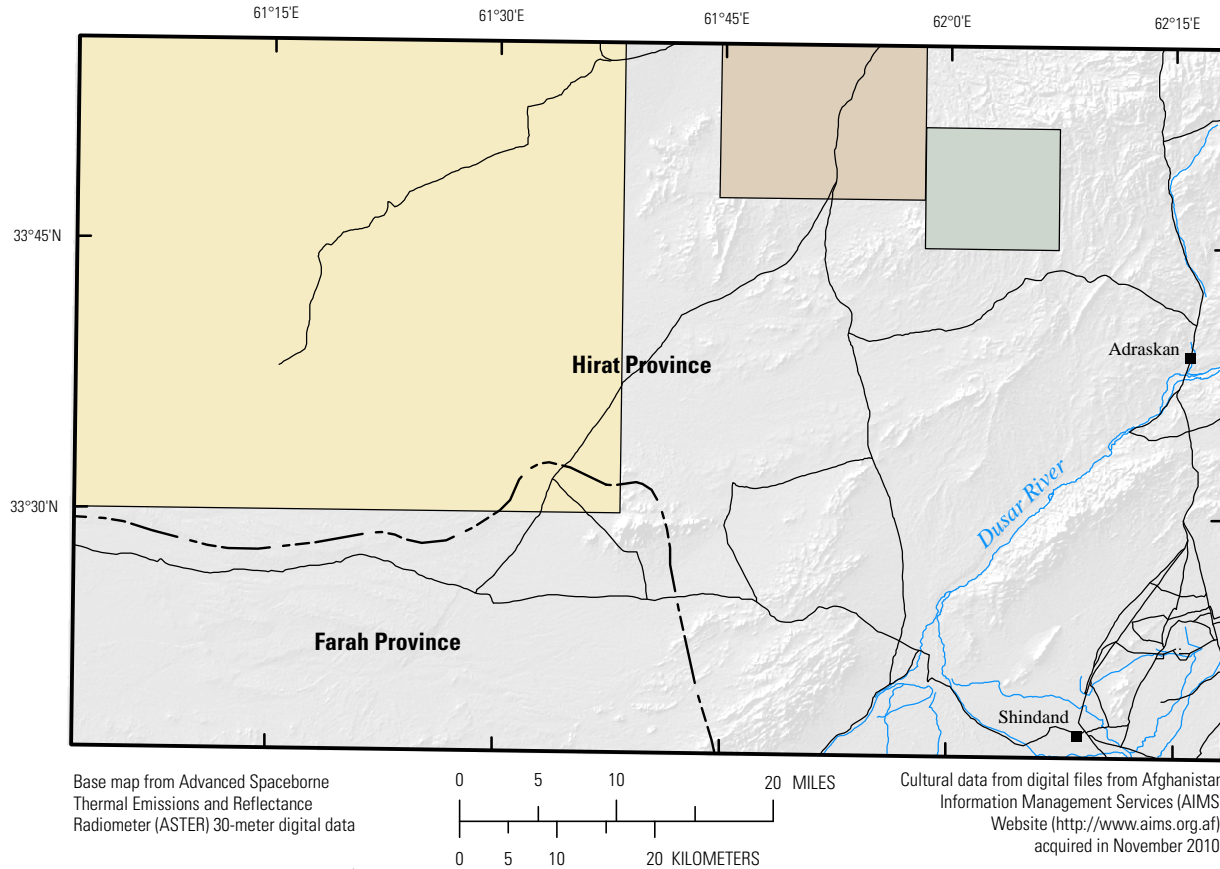
EXPLANATION

Subareas

Kaftar VMS

Shaida

Dahana Misgaran

Ghunday Area of Interest
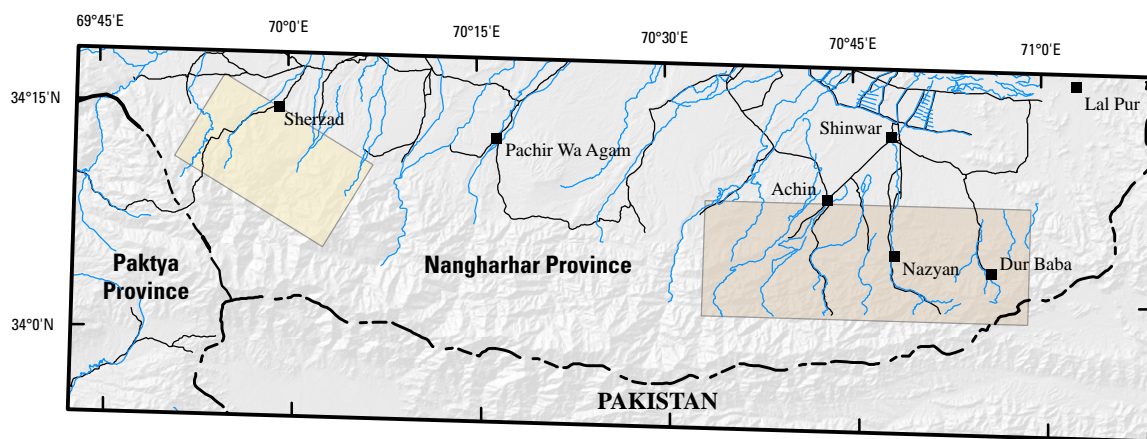
69°45'E   70°0'E   70°15'E   70°30'E   70°45'E   71°0'E

34°15'N

Sherzad

Pachir Wa Agam

Shinwar

Achin

Lal Pur

Paktya Province

Nangharhar Province

Nazyan

Dur Baba

34°0'N

PAKISTAN

Base map from Advanced Spaceborne Thermal Emissions and Reflectance Radiometer (ASTER) 30-meter digital data

0   5   10   15   20 MILES

0   10   20 KILOMETERS
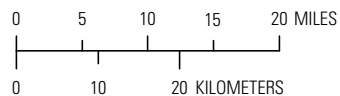
Cultural data from digital files from Afghanistan Information Management Services (AIMS) Website (http://www.aims.org.af). acquired in November 2010.

EXPLANATION

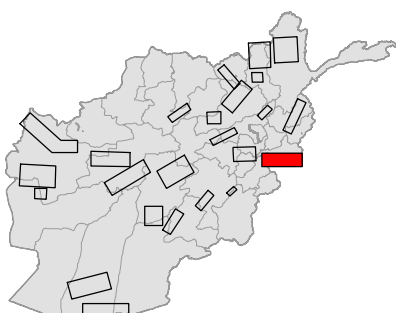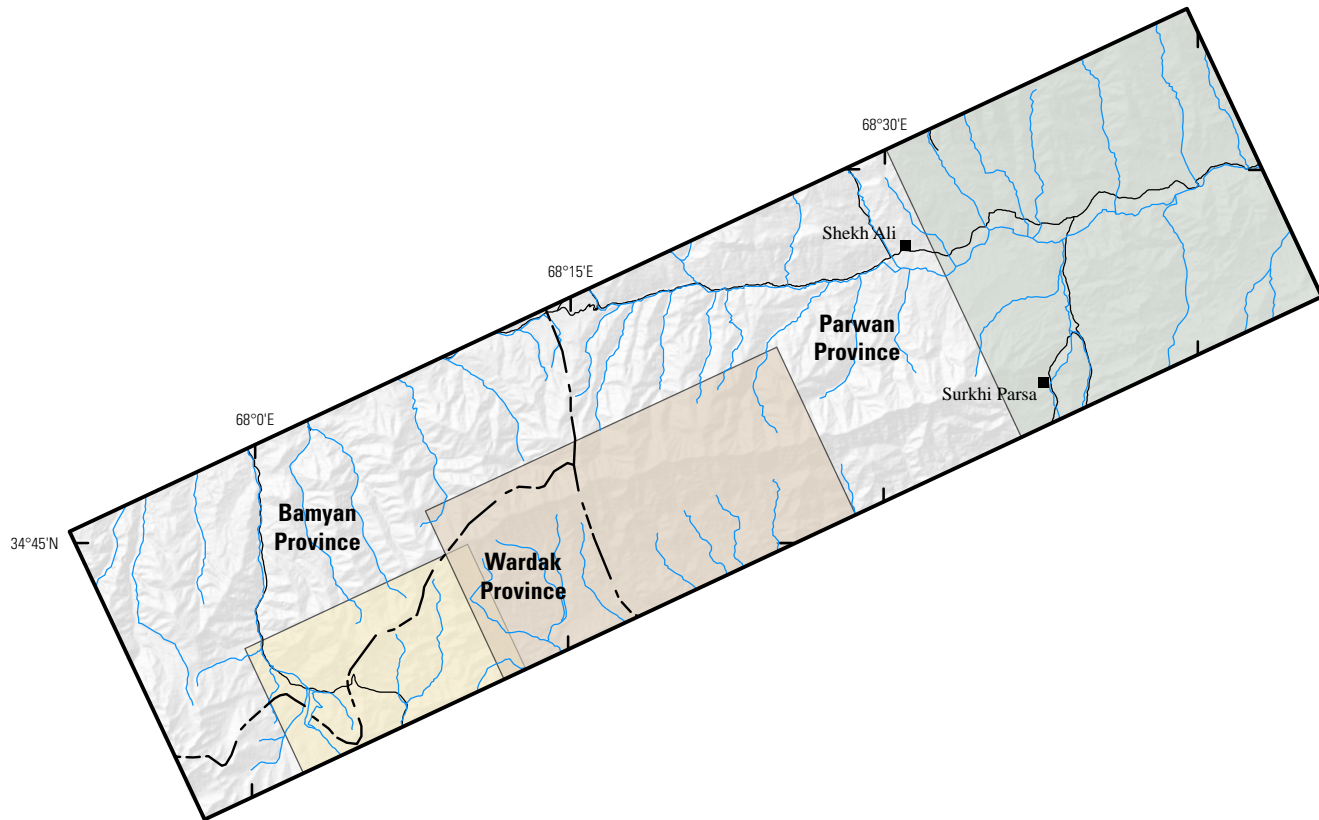**Subareas**

Ghunday Mamahel

Achin Magnesite

Areas of interest and subareas are defined in Peters and others (2007). Data modified by the U.S. Geological Survey (USGS) and AIMS.

HajiGak Area of Interest

68°30'E

Shekh Ali

Parwan Province

68°15'E

Surkhi Parsa

68°0'E

Bamyan Province

Wardak Province

34°45'N

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   2.5   5   7.5   10 MILES

0   2.5   5   7.5   10 KILOMETERS

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
Website (http://www.aims.org.af).
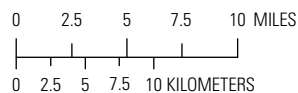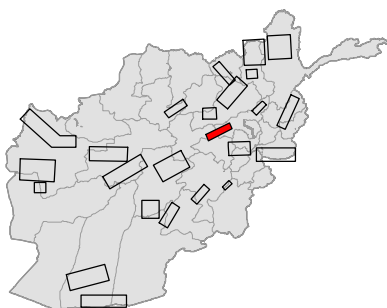acquired in November 2010.

EXPLANATION

Subareas

Haji Gak Prospect

NE HajiGak

Farenjal Area

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

Katawas Area of Interest

33°15'N

68°30'E

Ghazni Province

Paktika Province

Ghazni River

Base map from Advanced Spaceborne Thermal Emissions and Reflectance Radiometer (ASTER) 30-meter digital data

0	2	4 MILES

0	2	4 KILOMETERS

Cultural data from digital files from Afghanistan Information Management Services (AIMS) Website (http://www.aims.org.af). acquired in November 2010.
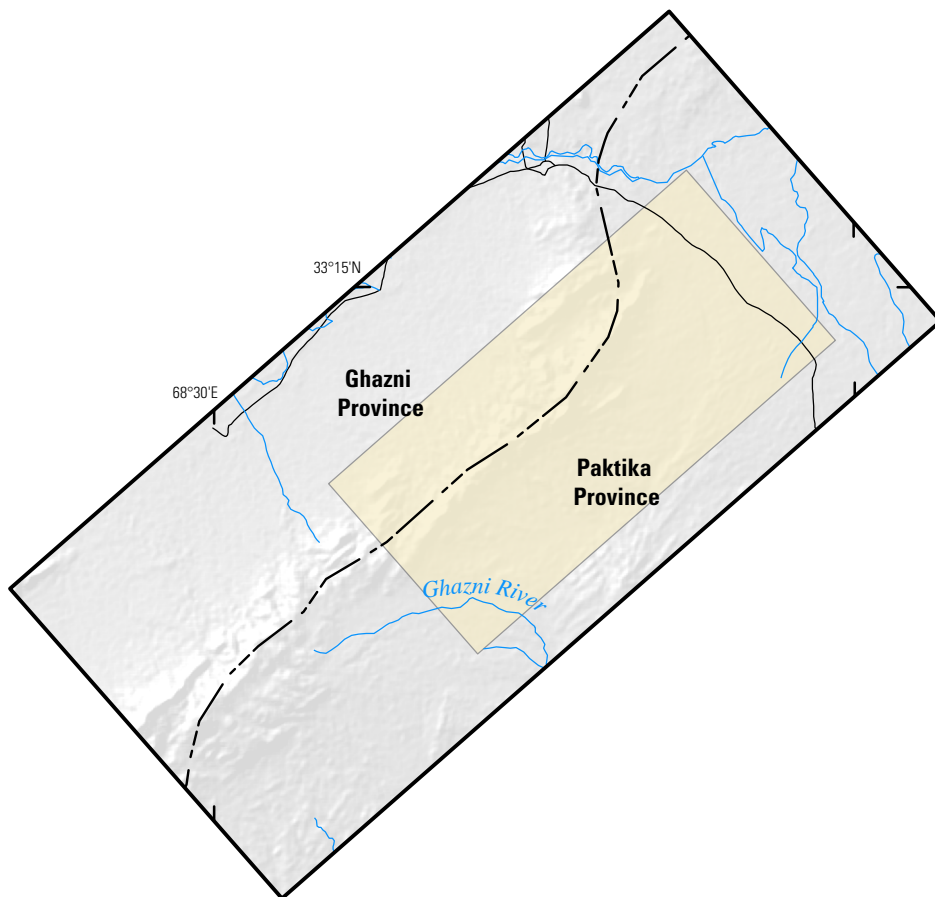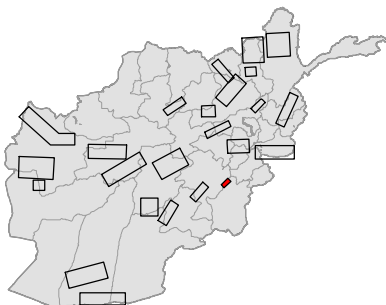
EXPLANATION

Subareas

Katawas Gold

Khanneshin Area of Interest
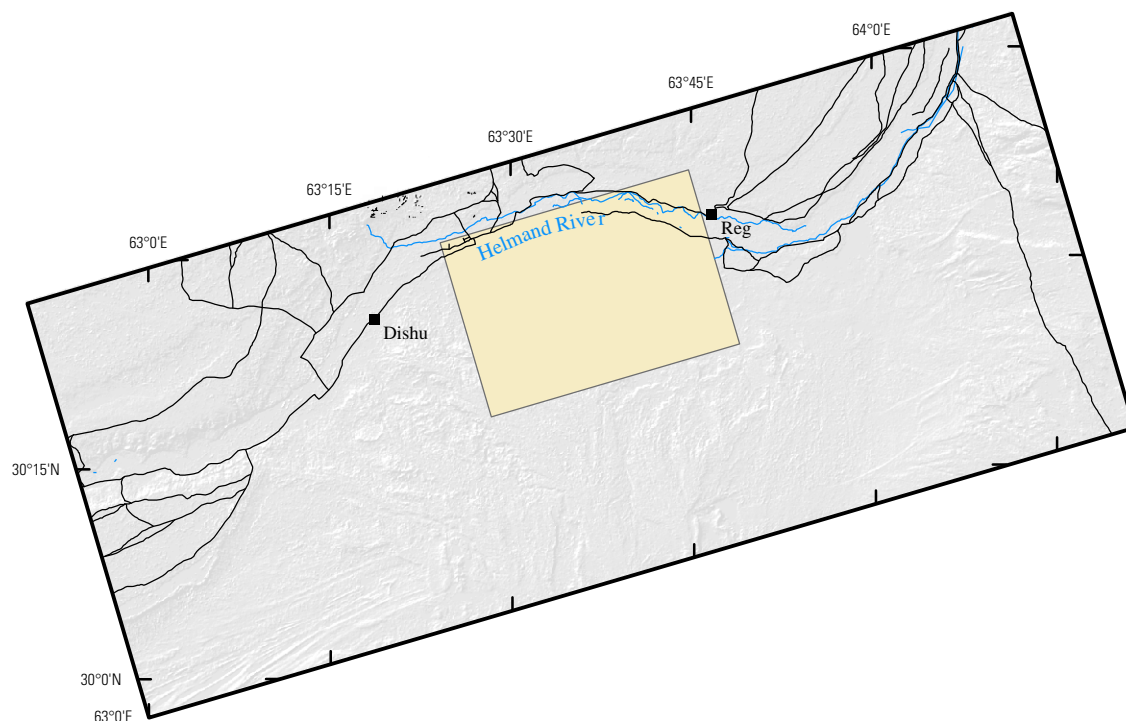
63°0'E
63°15'E
63°30'E
63°45'E
64°0'E
63°0'E

Helmand River

Reg

Dishu

30°15'N

30°0'N

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   5   10   15   20 MILES

0   5   10   15   20 KILOMETERS
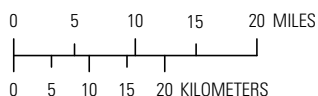
Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
Website (http://www.aims.org.af).
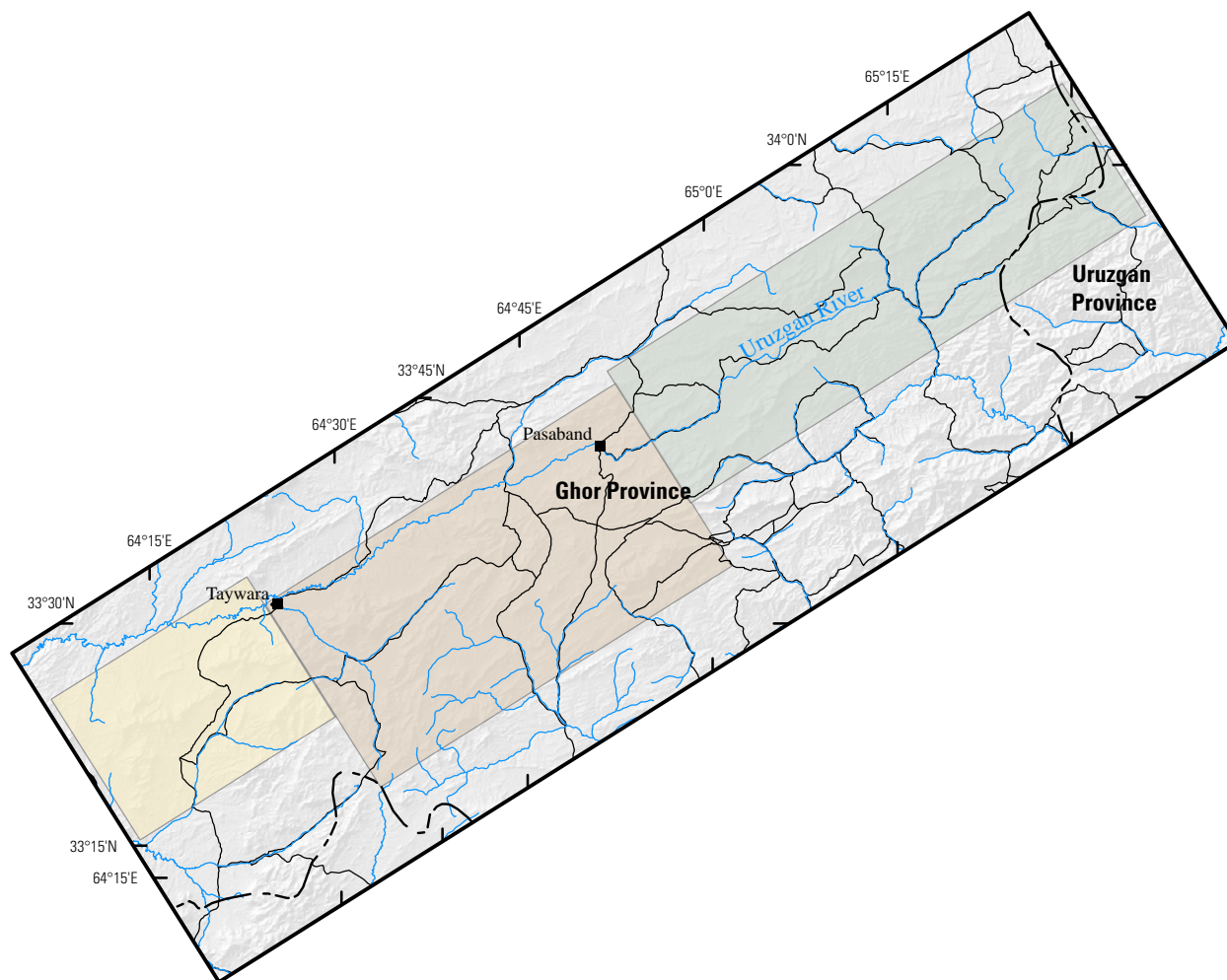acquired in November 2010.
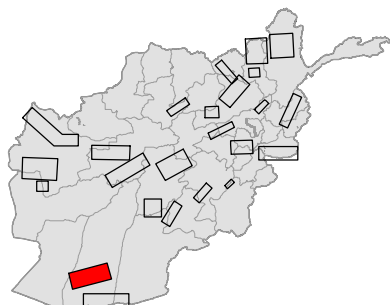
EXPLANATION

Subareas

Khanneshin Volcano

Kharnak Area of Interest.

65°15'E

34°0'N

65°0'E

Uruzgan River

64°45'E

Uruzgan Province

33°45'N

64°30'E

Pasaband

Ghor Province

64°15'E

33°30'N

Taywara

33°15'N

64°15'E

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   5   10   15   20 MILES

0   5   10   15   20 KILOMETERS

EXPLANATION

Subareas

Panjsha Mullayan

Koh-e Katif

Sahebdad Khanjar

Kundalyan Area of Interest

66°45'E

66°30'E

32°30'N

Zabul Province

32°15'N

Kandahar Province

■ Mizah
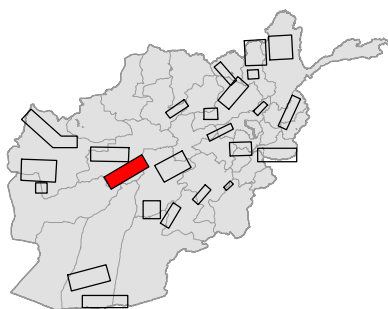
Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   2.5   5   7.5   10 MILES

0   5   10 KILOMETERS

Cultural data from digital files from
Afghanistan Information Management
Services (AIMS) Website (http://www
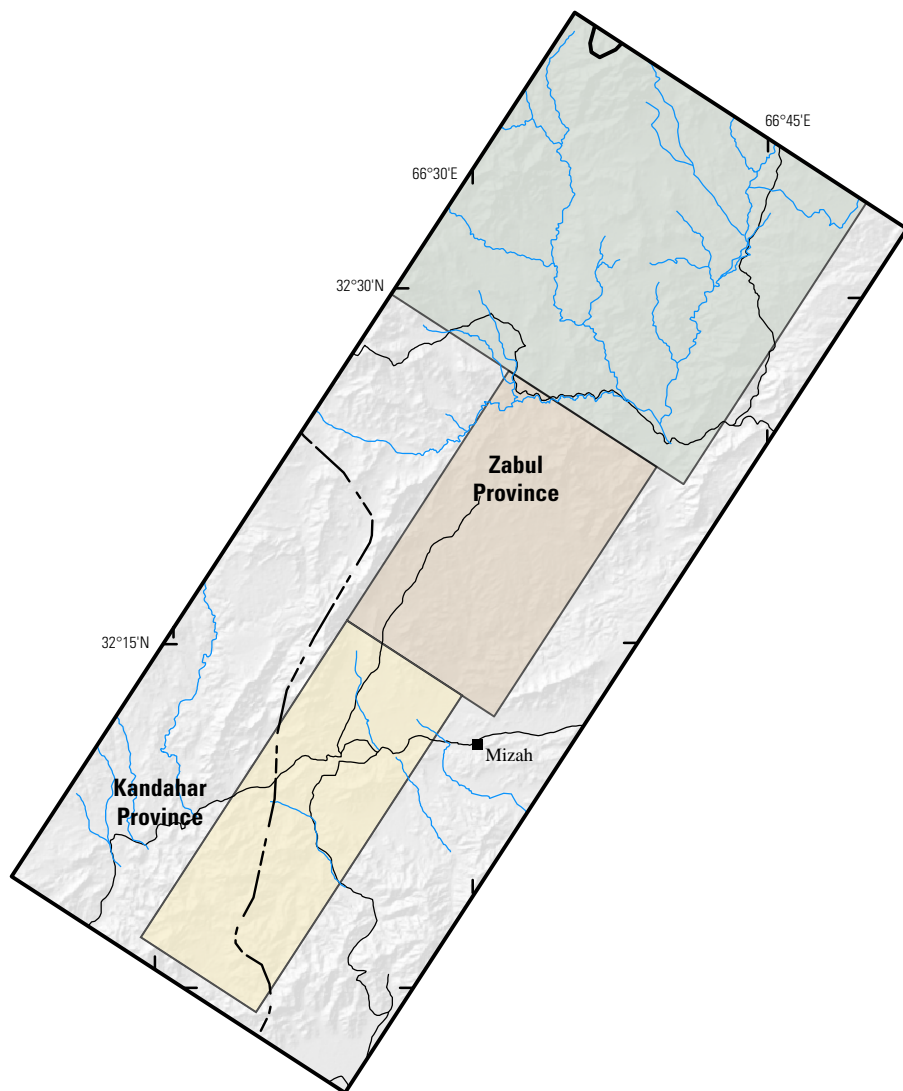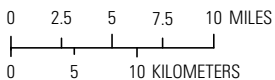.aims.org.af).acquired in November 2010.

EXPLANATION

Subareas

Charsu Ghumbad

Baghawan Garangh

Kunag Skarn
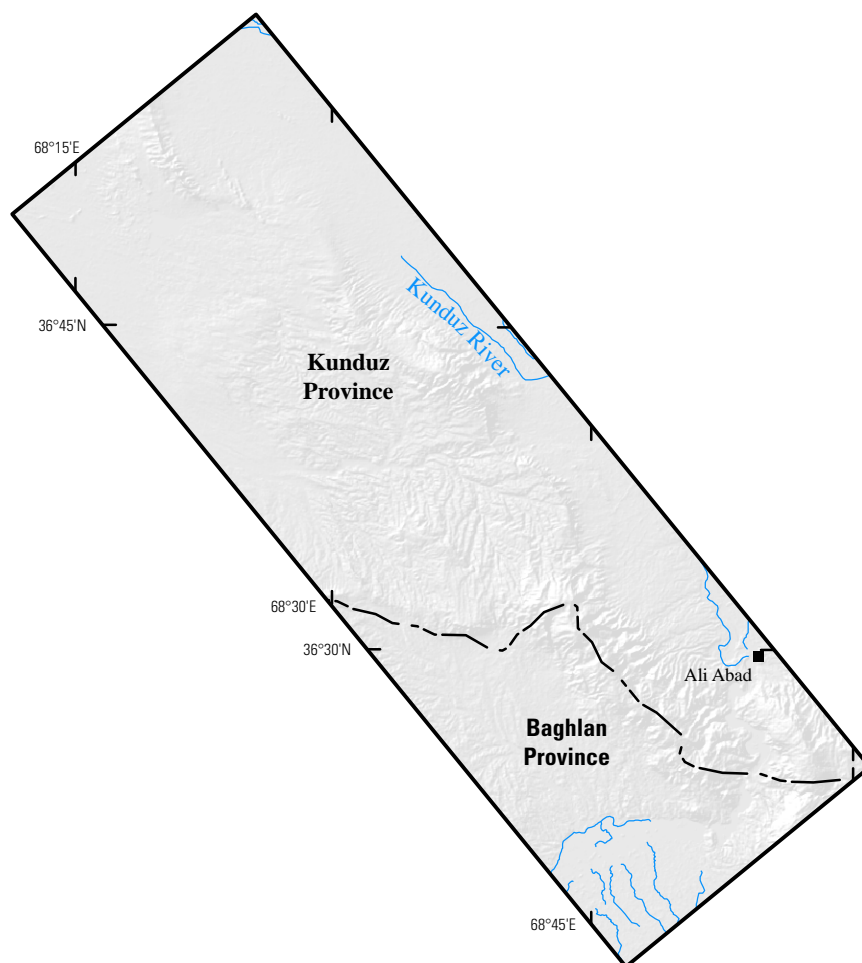
Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

Kunduz Area of Interest

68°15'E

36°45'N

Kunduz Province

Kunduz River

68°30'E

36°30'N

Ali Abad

Baghlan Province

68°45'E
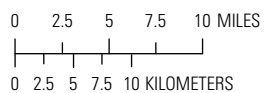
Nalbandon Area of Interest

63°45'E   64°0'E   64°15'E   64°30'E   64°45'E

Chishti Sharif
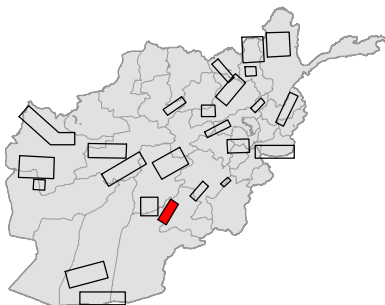
Hirat Province

34°15'N

Ghor Province

Shabrak

Hirat River

34°0'N

Tulak

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   5   10   15   20 MILES

0   5   10   15   20 KILOMETERS

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
Website (http://www.aims.org.af).
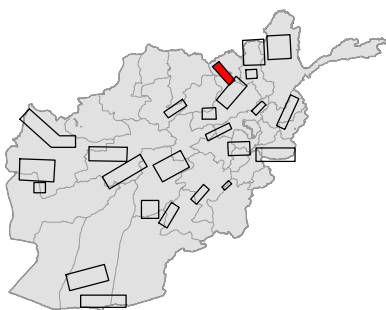acquired in November 2010.

EXPLANATION

Subareas

Nalbandon District

Gharghananaw Gawmazar

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

North Herat Area of Interest

IRAN

Gulran

Hirat
Province

Hirat River

Kushk

61°15'E
35°15'N
61°0'E
35°0'N
61°30'E
61°45'E
34°30'N
62°0'E
62°15'E
62°30'E
62°45'E
63°0'E
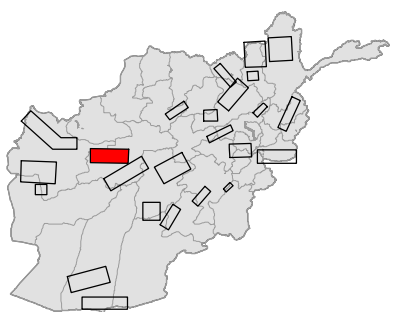
Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   10   20   30   40   MILES

0   10   20   30   40   KILOMETERS

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
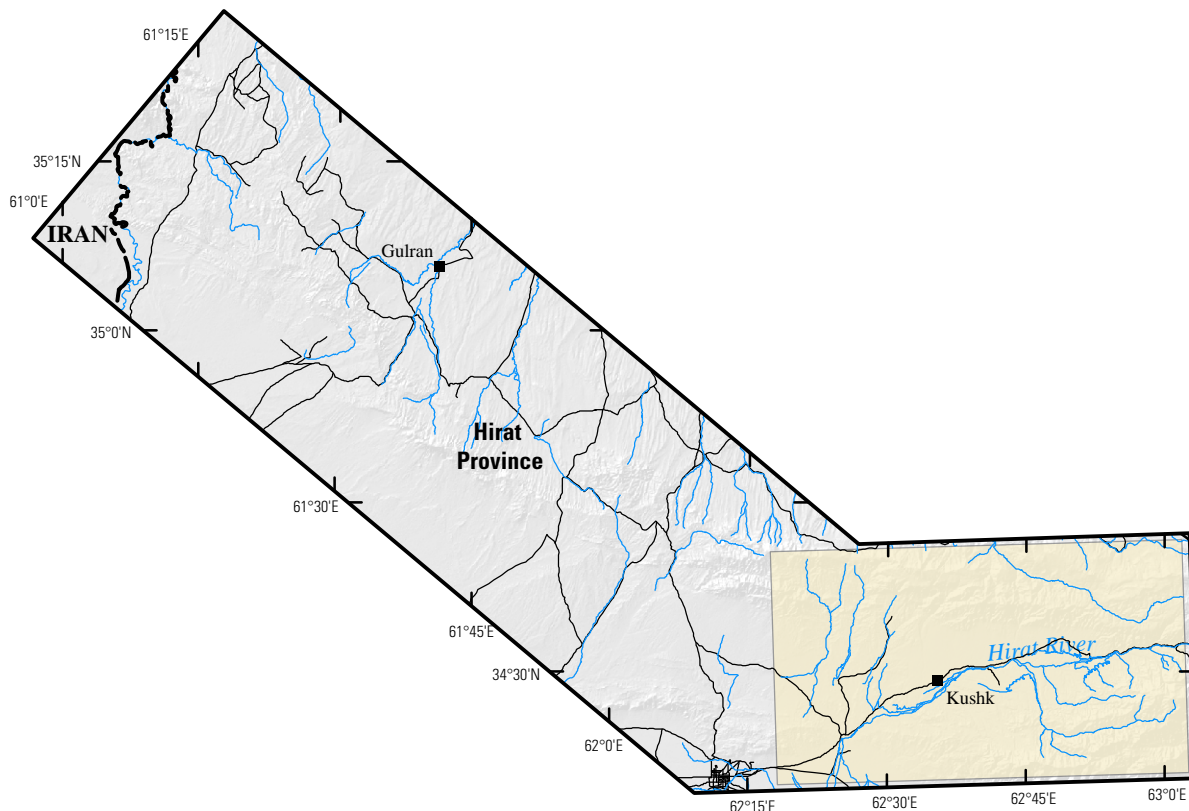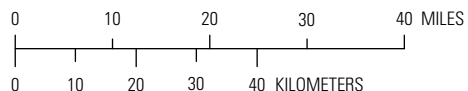Website (http://www.aims.org.af).
acquired in November 2010.

EXPLANATION

Subareas

North Herat Barium Prospect
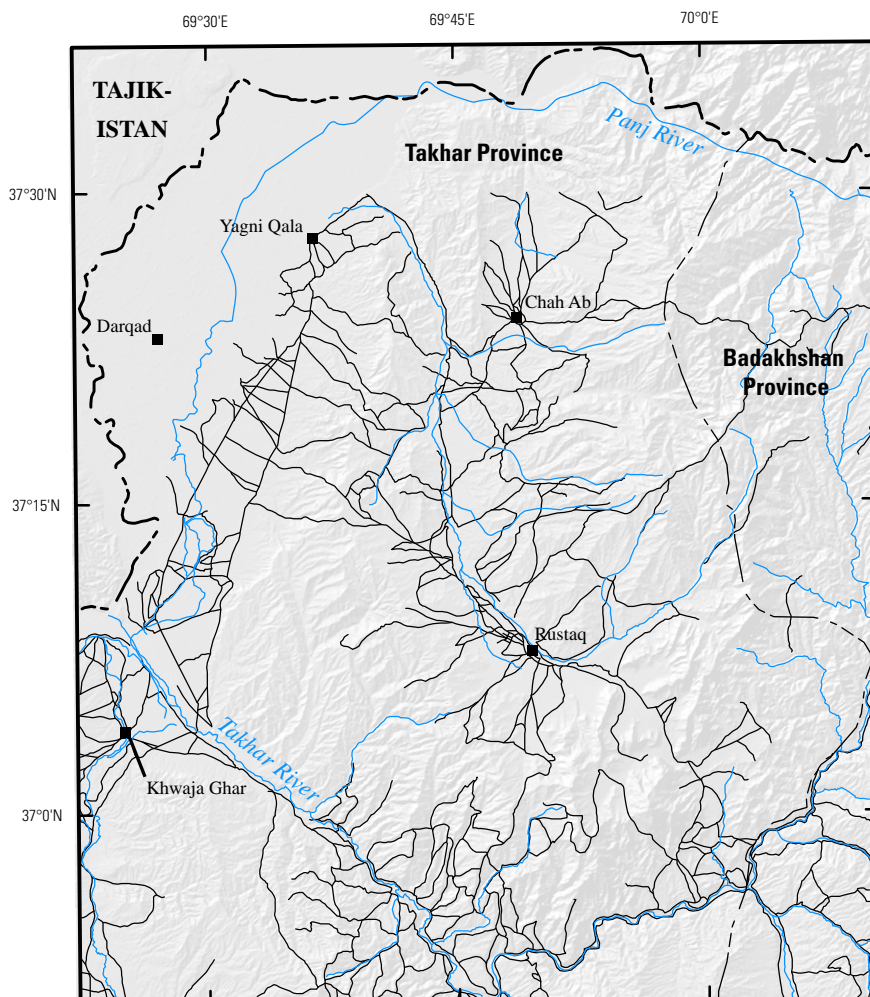
Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

North Takhar Area of Interest

TAJIK-ISTAN

Takhar Province

Panj River

69°30'E   69°45'E   70°0'E

37°30'N

Yagni Qala

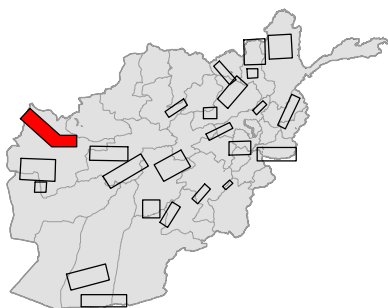Darqad

Chah Ab

Badakhshan Province

37°15'N

Rustaq

37°0'N

Khwaja Ghar

Takhar River

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   2.5   5   7.5   10 MILES
0   2.5   5   7.5   10 KILOMETERS

Cultural data from digital files from
Afghanistan Information Management
Services (AIMS) Website (http://www.
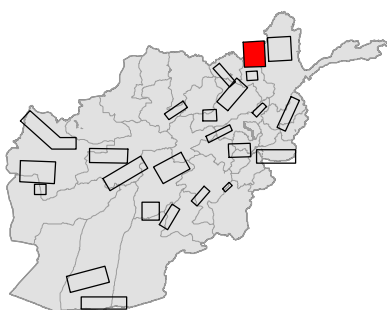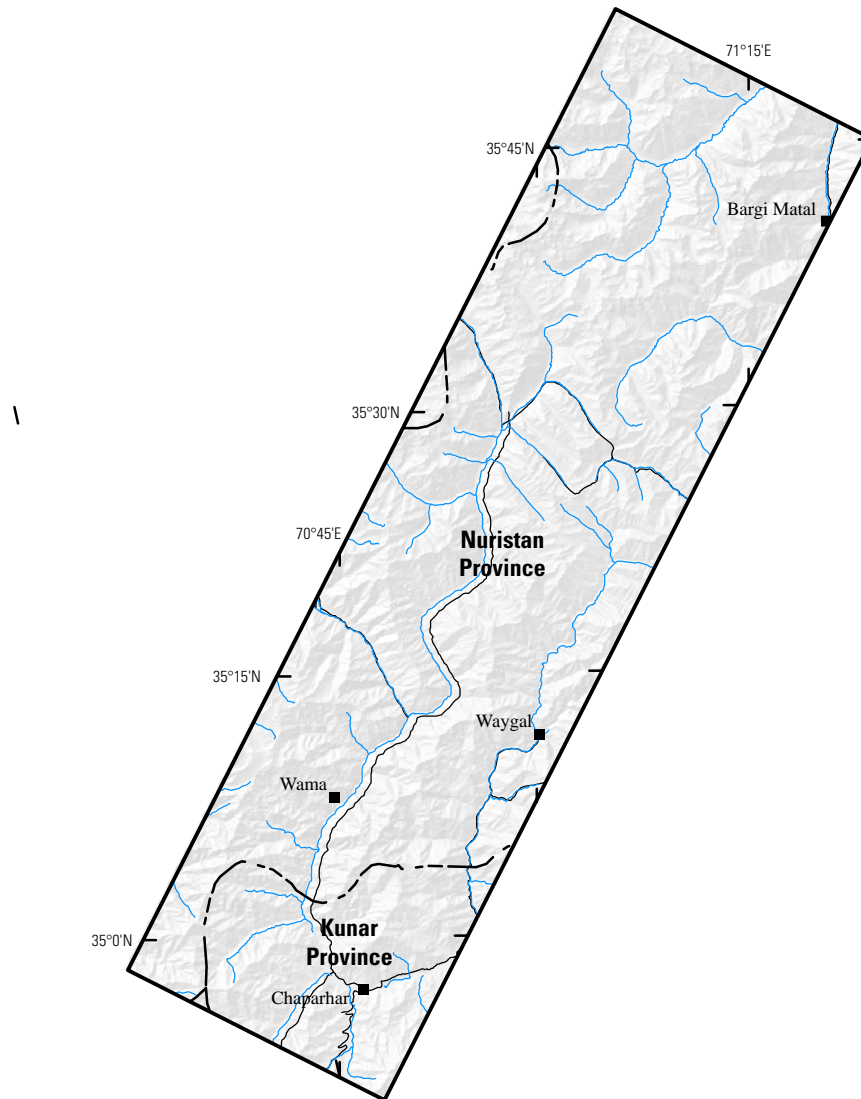aims.org.af).acquired in November 2010.

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

Nuristan Area of Interest

71°15'E

35°45'N

Bargi Matal

35°30'N

70°45'E

Nuristan Province

35°15'N

Waygal

Wama

35°0'N

Kunar Province

Chaparhar

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

```
0    3    6    9    12  MILES
|----|----|----|----|
0    3    6    9   12  KILOMETERS
```

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
Website (http://www.aims.org.af).
acquired in November 2010.

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

Panjsher Valley Area of Interest

69°45'E

35°30'N

Wardak Province

■ Hisa-I-Awali Panjsher

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data
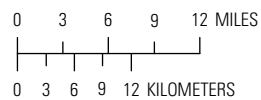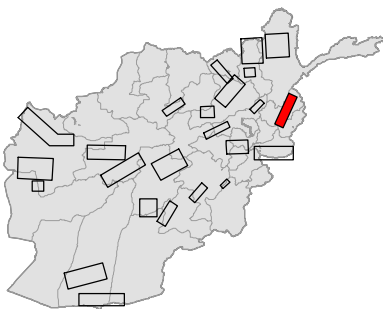
0   2   4 MILES

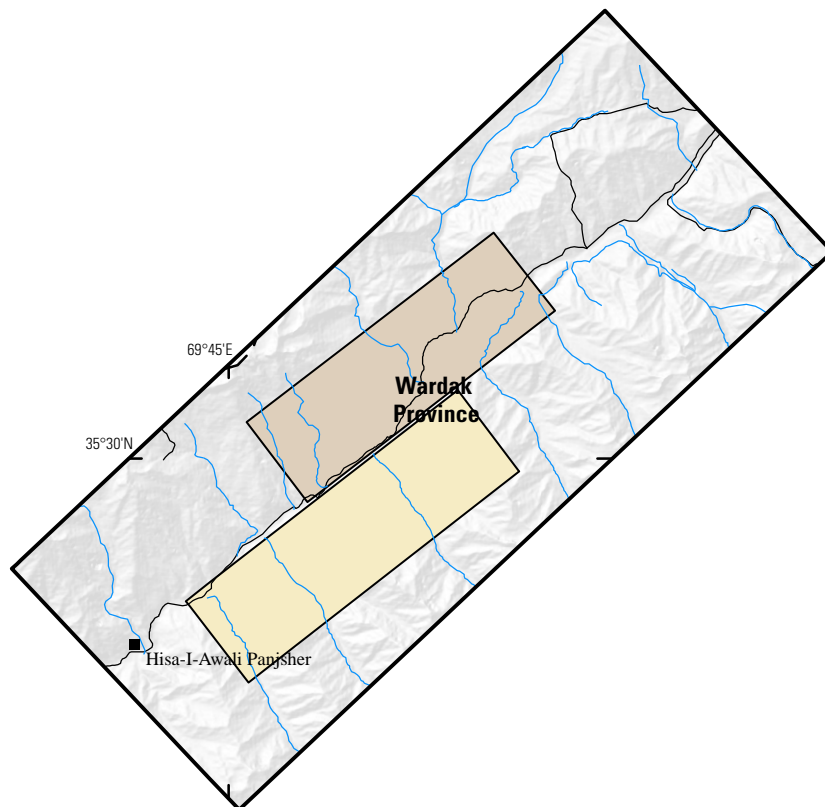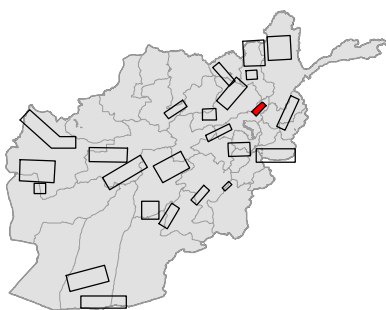0   2   4 KILOMETERS

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
Website (http://www.aims.org.af).
acquired in November 2010.
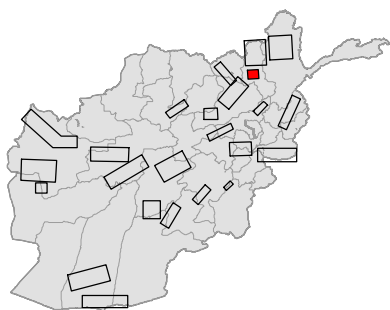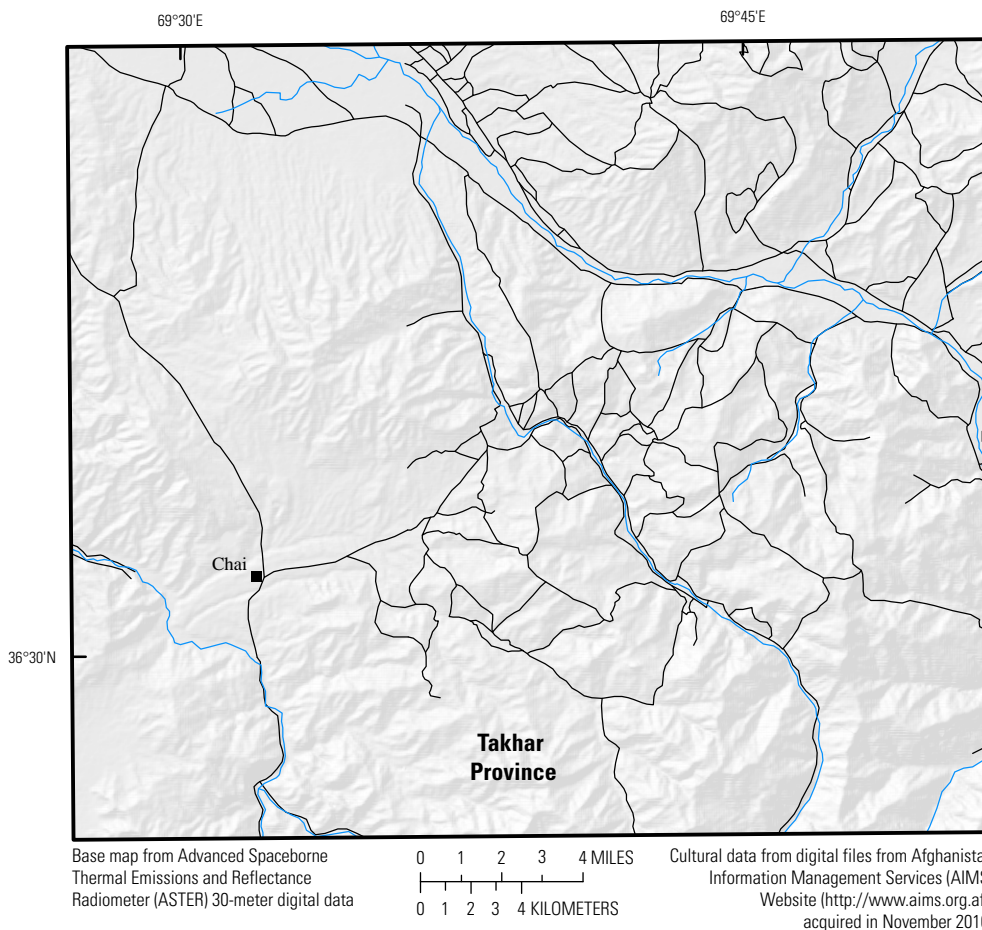
EXPLANATION

Subareas

Emeralds

Silver and Iron

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

Takhar Area of Interest

69°30'E

69°45'E

Chai

36°30'N

Takhar Province

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0   1   2   3   4 MILES

0   1   2   3   4 KILOMETERS

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
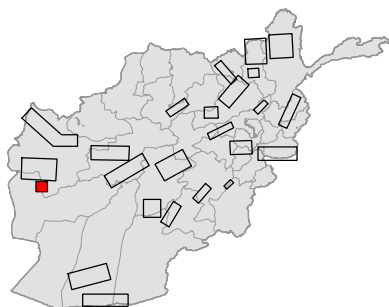Website (http://www.aims.org.af).
acquired in November 2010.

Tourmaline Area of Interest
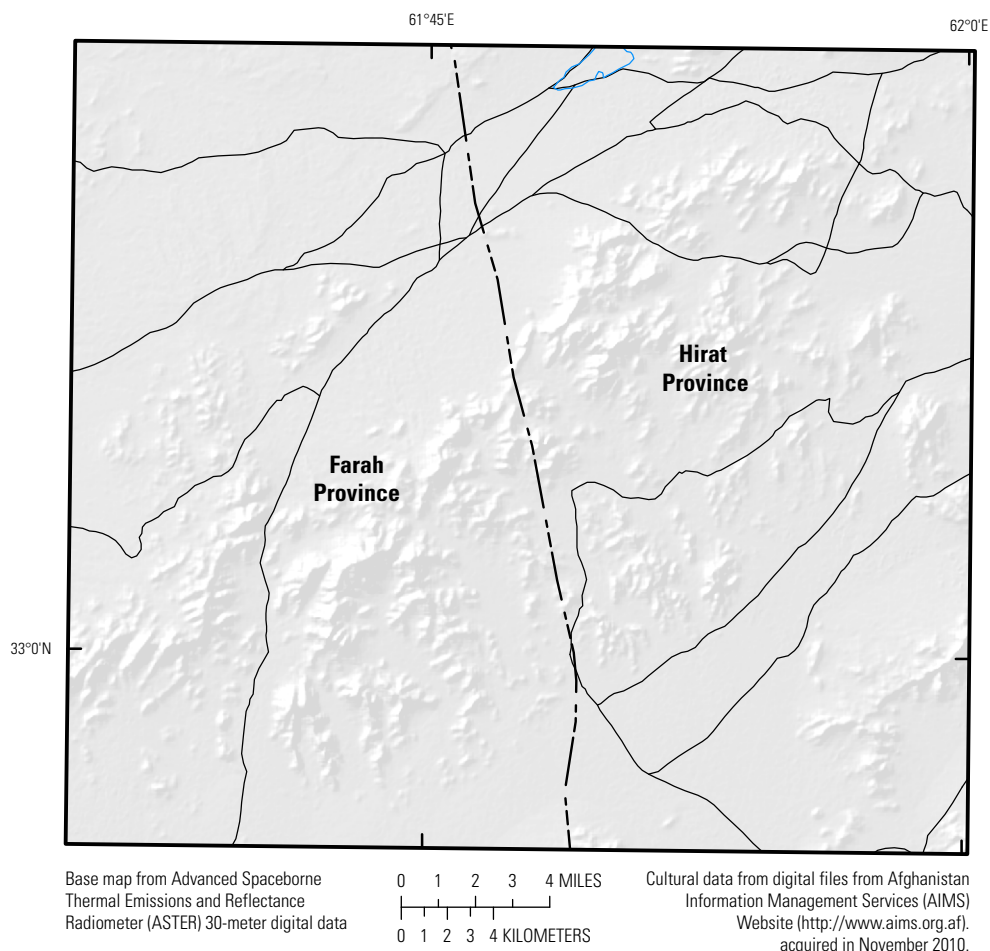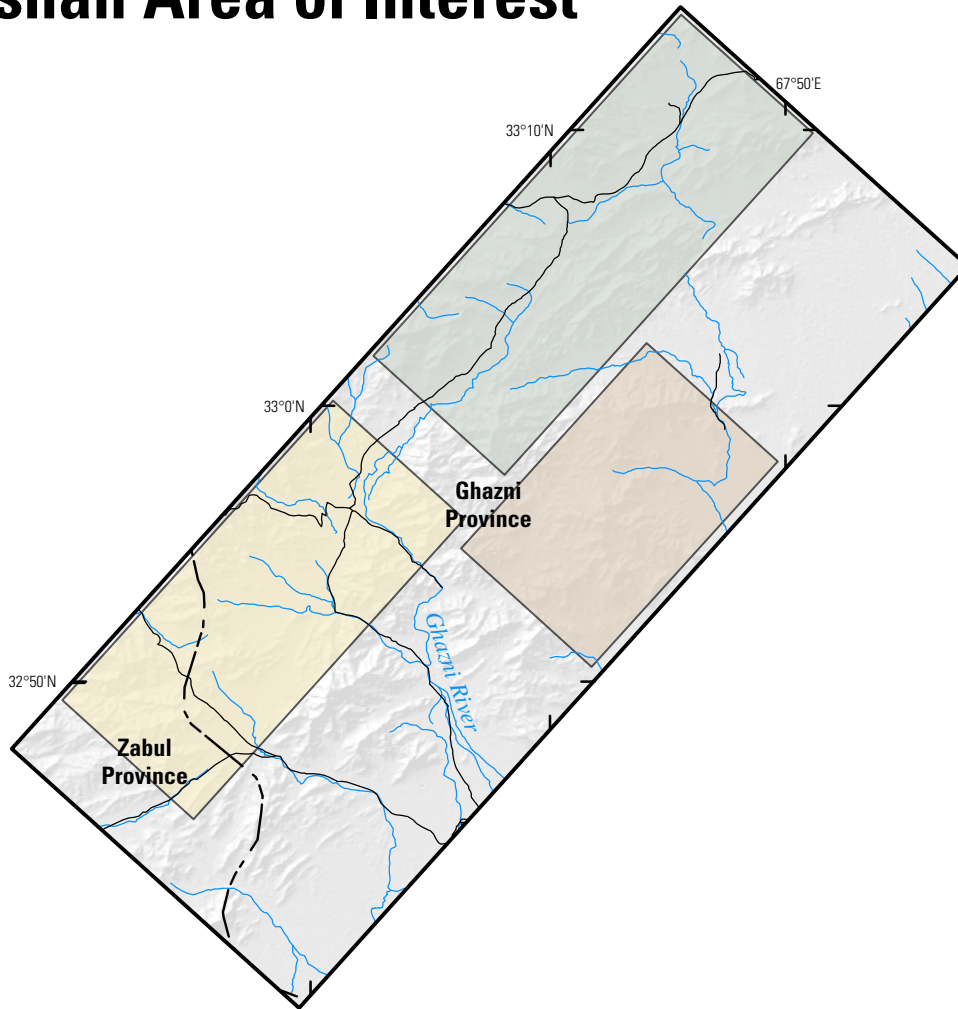
61°45'E

62°0'E

Hirat
Province

Farah
Province

33°0'N

Base map from Advanced Spaceborne
Thermal Emissions and Reflectance
Radiometer (ASTER) 30-meter digital data

0 1 2 3 4 MILES

0 1 2 3 4 KILOMETERS

Cultural data from digital files from Afghanistan
Information Management Services (AIMS)
Website (http://www.aims.org.af).
acquired in November 2010.

Areas of interest and subareas are defined in
Peters and others (2007). Data modified by
the U.S. Geological Survey (USGS) and AIMS.

Zarkashan Area of Interest

67°50'E

33°10'N

33°0'N

Ghazni Province

33°0'N

Ghazni River

32°50'N

Zabul Province
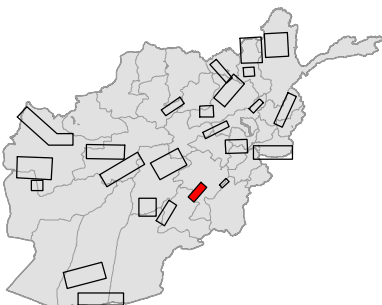
Base map from Advanced Spaceborne Thermal Emissions and Reflectance Radiometer (ASTER) 30-meter digital data

0   1.5   3   4.5   6 MILES

0 1.5 3 4.5 6 KILOMETERS
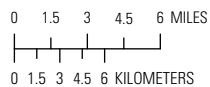
Cultural data from digital files from Afghanistan Information Management Services (AIMS) Website (http://www.aims.org.af). acquired in November 2010.

EXPLANATION

Subareas

Bolo Gold Prospect

Zarkashan Mine Area

Luman Tamaki

Areas of interest and subareas are defined in Peters and others (2007). Data modified by the U.S. Geological Survey (USGS) and AIMS.