

Ghora Gali Forest Sub Division

Forest Land

4,753 ha (11,745 acres)

Administration

Ghora Gali Forest Sub Division is divided into four blocks and thirty five beats for administrative management purposes. It comprises of twenty forest compartments which are further divided into sub compartments for better management on silvicultural basis. One Sub Divisional Forest Officer (SDFO), one Sub Divisional Clerk (SDC), four block officers (BOs), thirty five forest guards, five chowkidar and one peon are deployed by PFD to look after the matters of Ghora Gali Forest Sub Division.

Locality

Geographically Ghora Gali Forest Sub Division can be described as:

East: Covered by private lands of Distt. Abbottabad (KP), Murree, and state land of Brewery, Municipal Forests.

North: Private lands of District Abbottabad, Haripur (KP) and tehsil Murree.

South: Private lands of villages of tehsil Murree, Islamabad (ICT), and Murree Express Way (Islamabad to Murree). Murree Express Way also bifurcates State Forests of Ghora Gali from Sambli Forest Sub Division. West: Private lands of Islamabad (ICT), and State Forest of Capital Development Authority (CDA) /Rawalpindi South Forest Sub Division (PFD) are the boundary of Ghora Gali Forest and private lands of tehsil Murree.

Road Network

- a. Two major roads pass through/along the forest areas of Ghora Gali Forest Sub Division from Islamabad-Rawalpindi to Murree namely:
- Rawalpindi-Murree-Kashmir Road (RMK)
- ii. Islamabad-Muzaffrabad Dual Carriage Way (IMDCW), commonly known as Murree Express Way
- b. Nine other metalled roads run through these forests which also bisect the area of different Forest Compartments and connect different areas of District Haripur, Abbottabad of KP Province, and the areas of the local villages of tehsil Murree.
- c. A number of non-metalled (Kacha/shingled) roads also pass through the Sub-Division. Most of these roads have been constructed illegally.
- d. Many other bridle/inspection paths also exist in the area, which are used by the local population of the adjoining villages and government officials.

Watershed-River/Nullahs

Forest areas of Ghora Gali Forest Sub Division fall in the main watershed/catchment area of River Indus (Khanpur Dam, KP and Rawal Dam, ICT) fed by Kurrang River/four major nullahs and other tributaries.

Included Chaks

About 96 chaks (local populations with private land ownership - called "Shikmi chaks") exist inside the Protected Forests of Ghora Gali Forest Sub-Division.

Biodiversity

Ghora Gali Forest Sub Division is mainly comprised of pure and mixed forest of Chir Pine/Pinus roxburghii and Broadleaved species (*Kau/Olea ferruginea, Phullai/Acacia modesta,* Sanatha/*Dodonaea viscosa, Garanda/Carissa opaca*). Sixty per cent area of sub division is covered by the pure broadleaved scrub forest, with mixed forest crop of Chir (*Pinus roxburghii*) in 15% area; rest of the 40% of the area is covered with the pure chir pine, ranging from the young pole crop to mature/over mature chir. 3,221.29 ha (7,960 *acres*) are declared as Reserved Forest and remaining 1,346 ha (3,326 *acres*) as Protected Forest category. Ghora Gali has a track that is frequently used by the Common Leopard. It has the Grey Goral, Rhesus Monkey, Koklass Pheasant and a wide variety of small mammals, reptiles, amphibians and birds.

Legal Status of External Forest Boundaries

- i. Length of external delineated forest boundaries: 115.23 Km
- ii. Area of the delineated polygon is 4,609.43 ha (11,390.16 acres) which includes roads, rivers, nullahs, forest area, including chaks etc.
- iii. Forest Boundary Pillars marked: 939
- iv. Forest Boundary Pillars newly constructed: 455
- v. No. of encroachers detected: 329
- vi. Area under the encroachment/adverse possession: 200.55 ha (495.59 acres)
- vii. No. of FIRs registered: 56
- viii. Area transferred to other departments: 1.51 ha (3.75 acres)
- ix. Area under Government Buildings: 12.14 ha (30 acres)
- x. Litigation/Civil suit cases: 21
- xi. Area retrieved form encroachers: 171.02 ha (422.6 acres)

73°14'0"E 73°16'0"E 73°18'0"E 73°20'0"E 73°22'0"E GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS ENCROACHMENT MAP (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION Map Locator 1966.2 Forest Sub Division/Range 8 Ghora Gali Sambli Company 0 Sehr Bagla 10 Municipal Range O Ban Range Chhara Behram 1263.2 Map Legend Phari Locality Manga RF Spot Height (m) Karlot PF Manga RF Forest Bench Mark Road Baroha RF Haichu 1339.2 Forest Boundary Ambiguity Area Jamma 1203.7 1203.7 Talian-ni-Kas Murree Forest Division Drainage/Water channel Bhekan Water pond/tank Land Status Karlot Ghora Gali Forest Sub Div. Encroachment Leased Area 1102.8 Transfered Land/ Govt. Buildings Included Chak

Reference Scale: 1:70,000 on A3 size paper Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule: Geographic Grid: WGS 1984 Value in: DD° MM' SS"

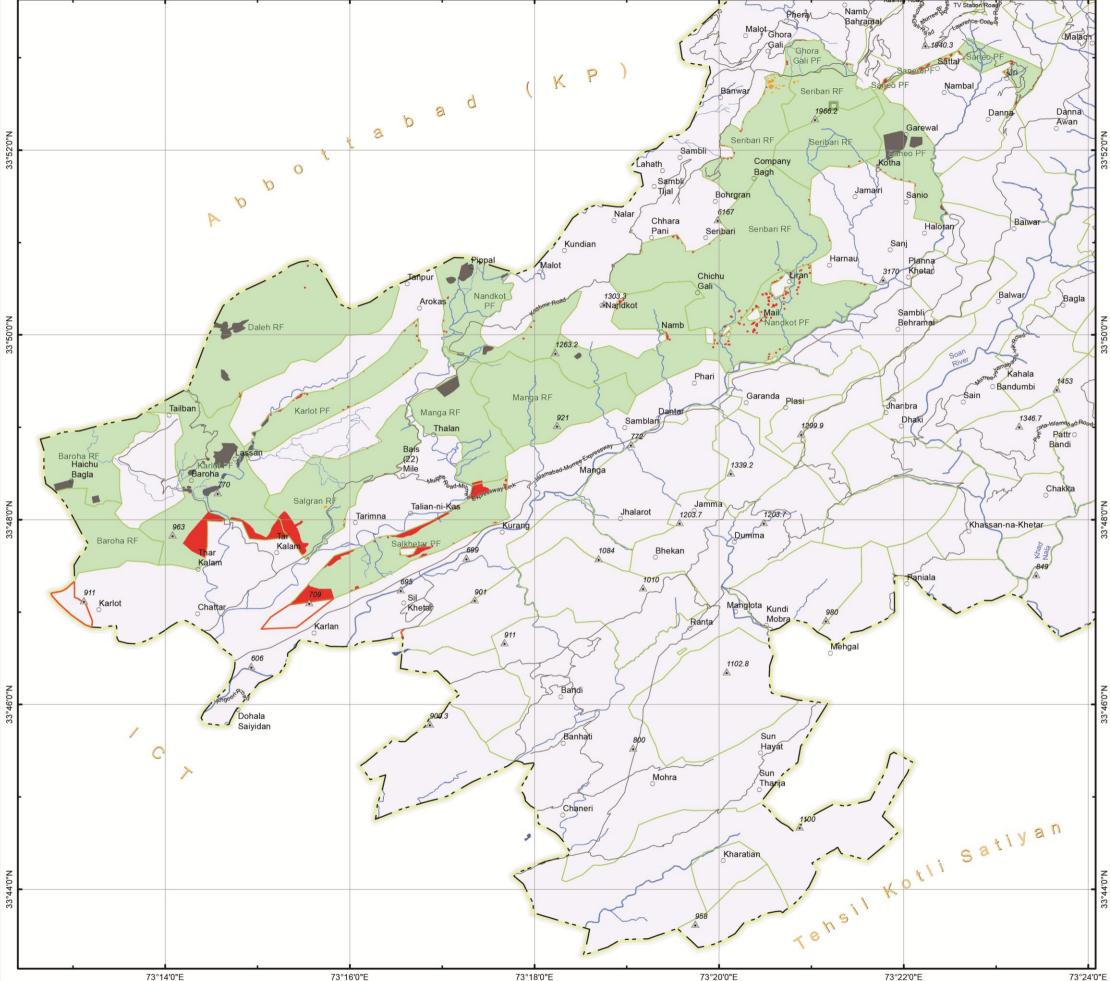


Map Credits

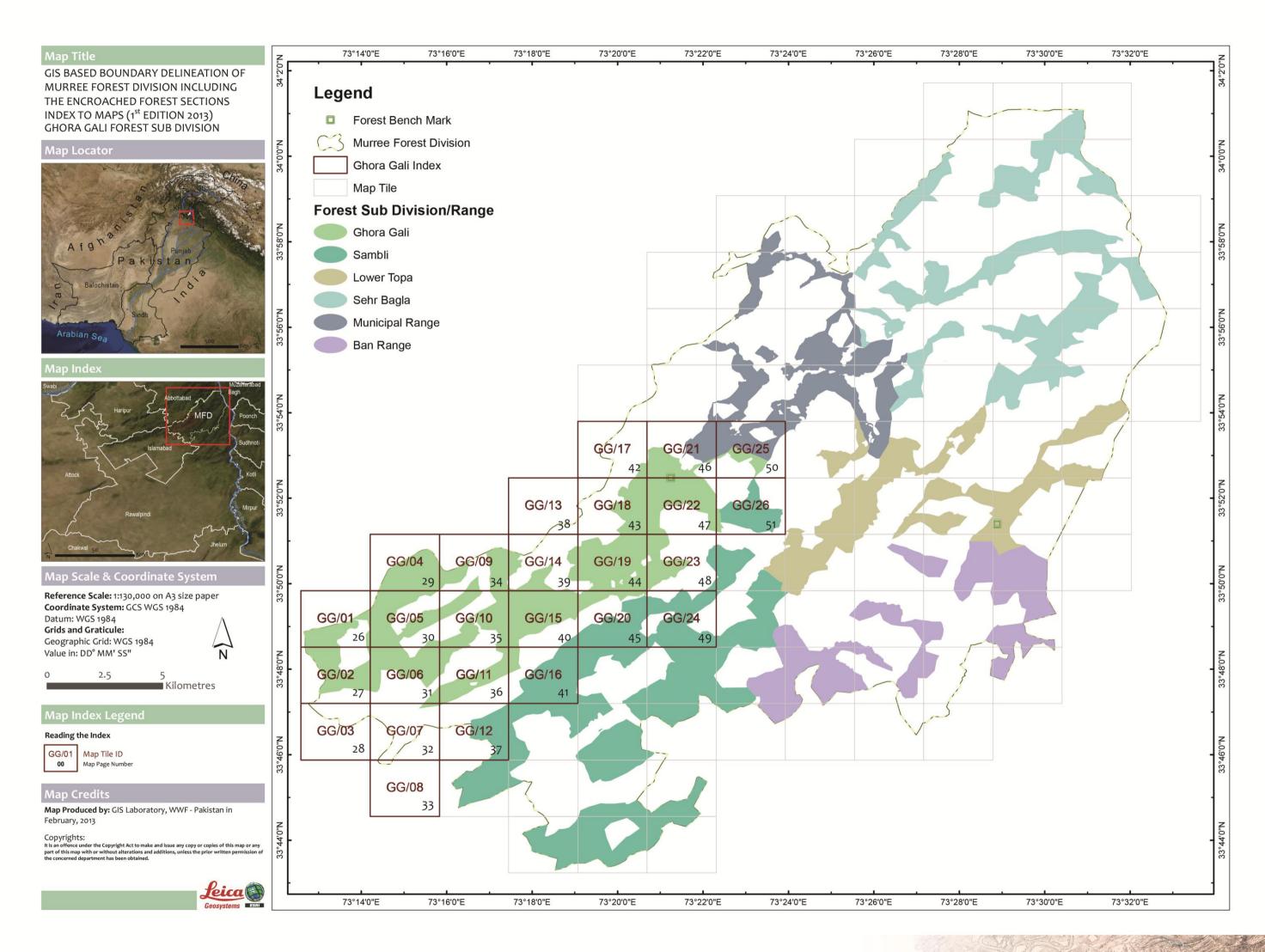
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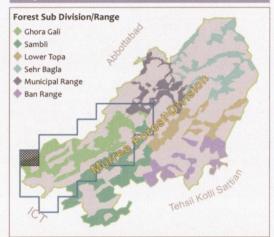


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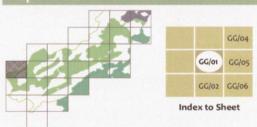


GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/o1 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator



Map Index



Map Scale & Coordinate System

Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S Value in: Metres 500 Metres



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Murree Forest Division

Punjab Forest Department



Officer-in-Charge No. 4 Party, Survey of Pakistan, Murree

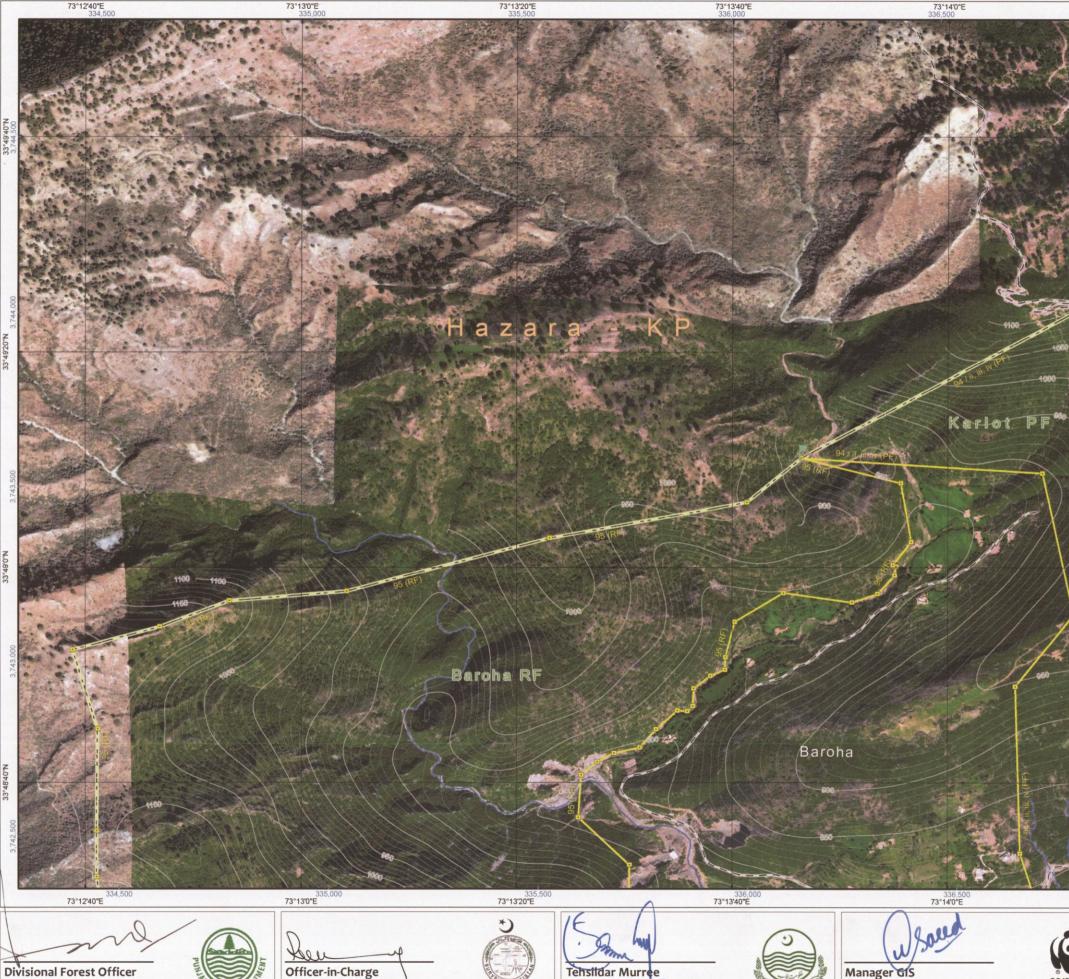






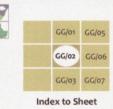
Manager GIS GIS Laboratory







Map Title GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/02 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION** Map Locator Forest Sub Division/Range ♦ Ghora.Gali Sambli Lower Topa Sehr Bagla Municipal Range Ban Range



N

Map Scale & Coordinate System

Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S

Value in: Metres 500 O 100 Metres Metres 500 Feet



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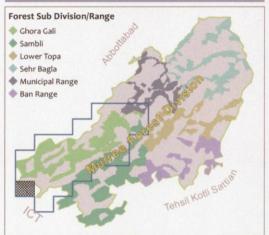
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73°14'0"E

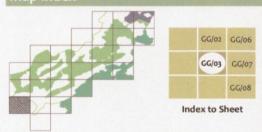
GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/03 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION

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Map Locator



Map Index



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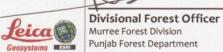




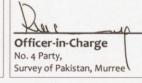
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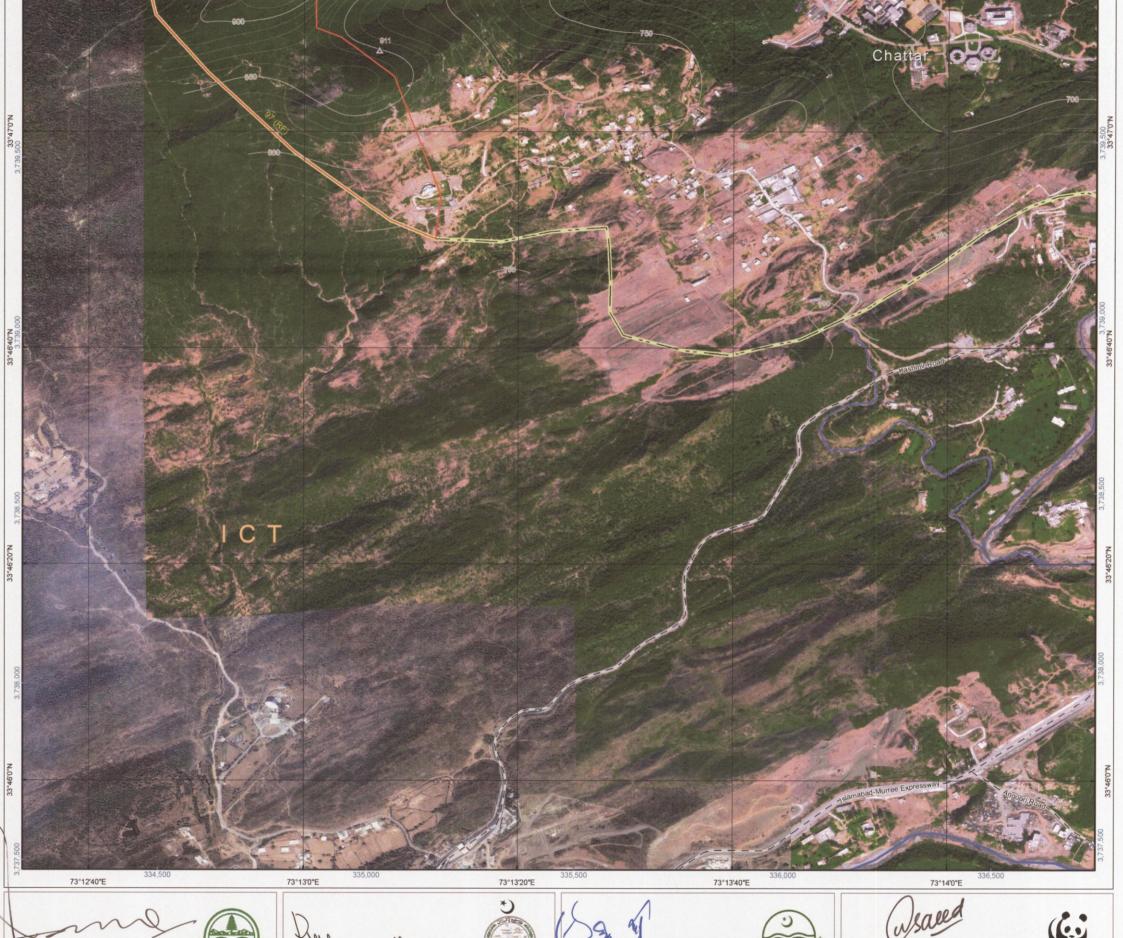


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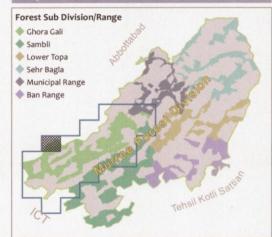
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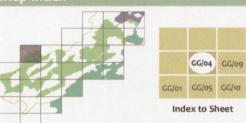




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/04 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION

Map Locator





Map Scale & Coordinate System

Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Datum: WGS 1984

Grids and Graticule: Geographic Grid: WGS 1984

Value in: DD° MM' SS" Metric Grid: UTM Zone 43S

Value in: Metres O 100 Metres

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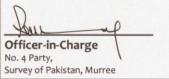
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Divisional Forest Officer Murree Forest Division Punjab Forest Department



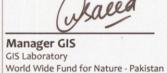


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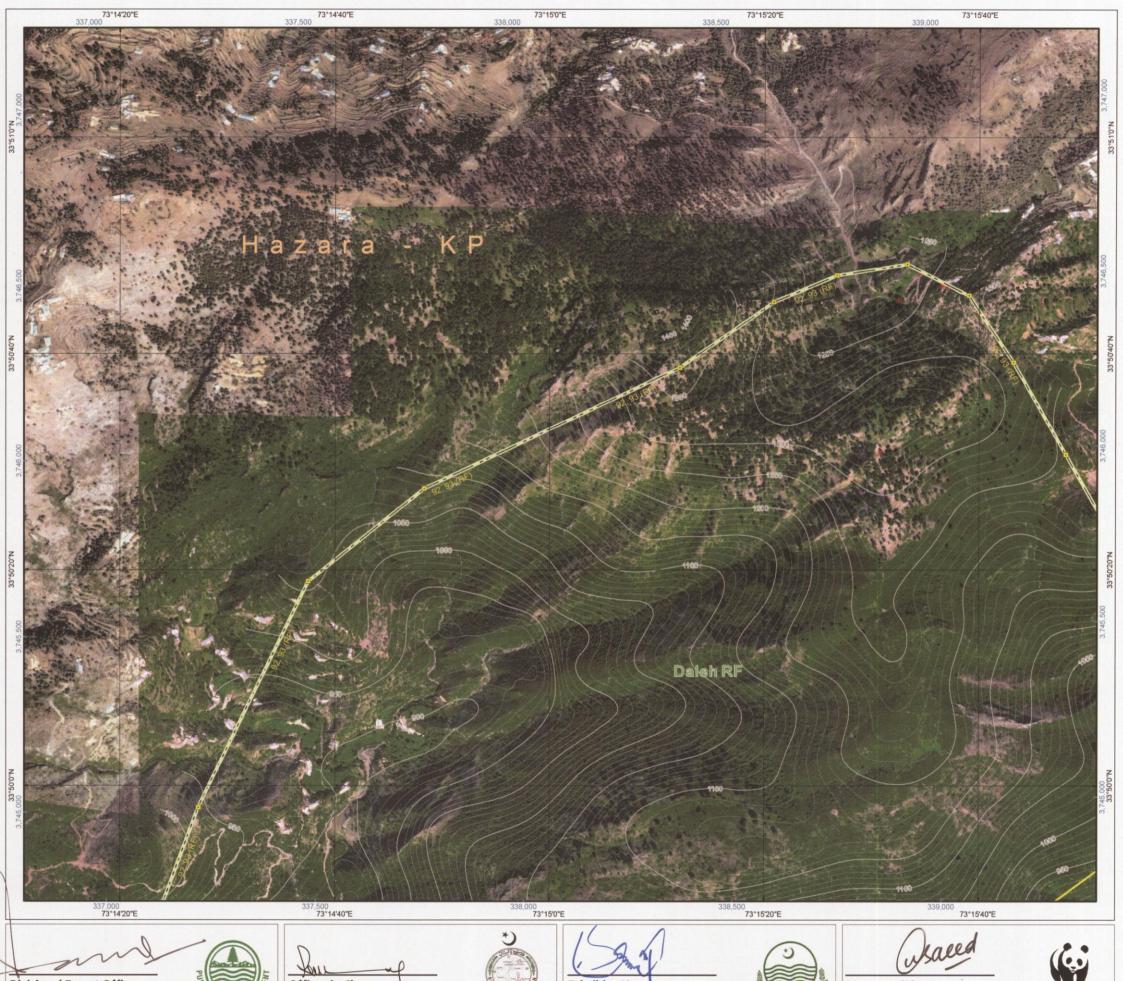






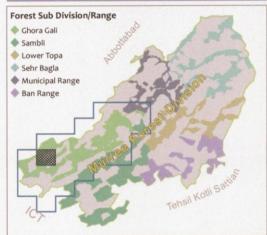


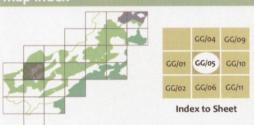




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/05 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





Map Scale & Coordinate System

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Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S Value in: Metres

500 Metres

Pillar Mark // Forest Boundary — Ambiguity Area Forest Bench Mark Included Chak Sehadda Murree Forest Division △ Spot Height (m) ∼ Water Channel/Nullah - Road Contour (m) Encroachment Contour interval: 50m (164 ft)

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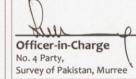
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Murree Forest Division

Punjab Forest Department



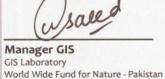






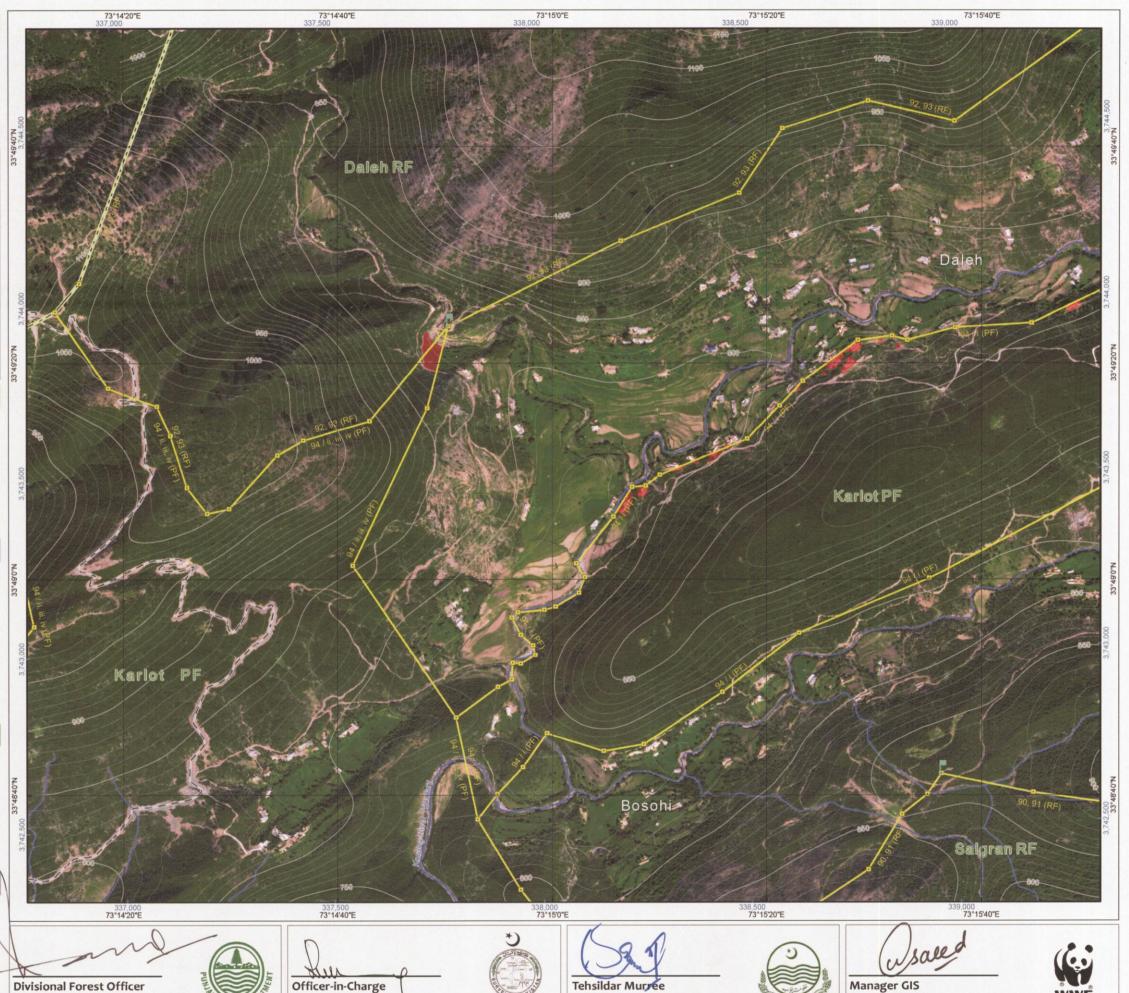






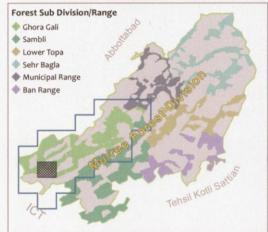
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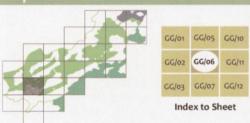




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/06 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





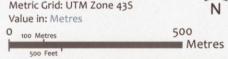
Map Scale & Coordinate System

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Grids and Graticule:

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Value in: Metres

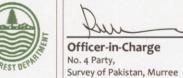




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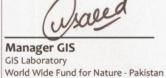




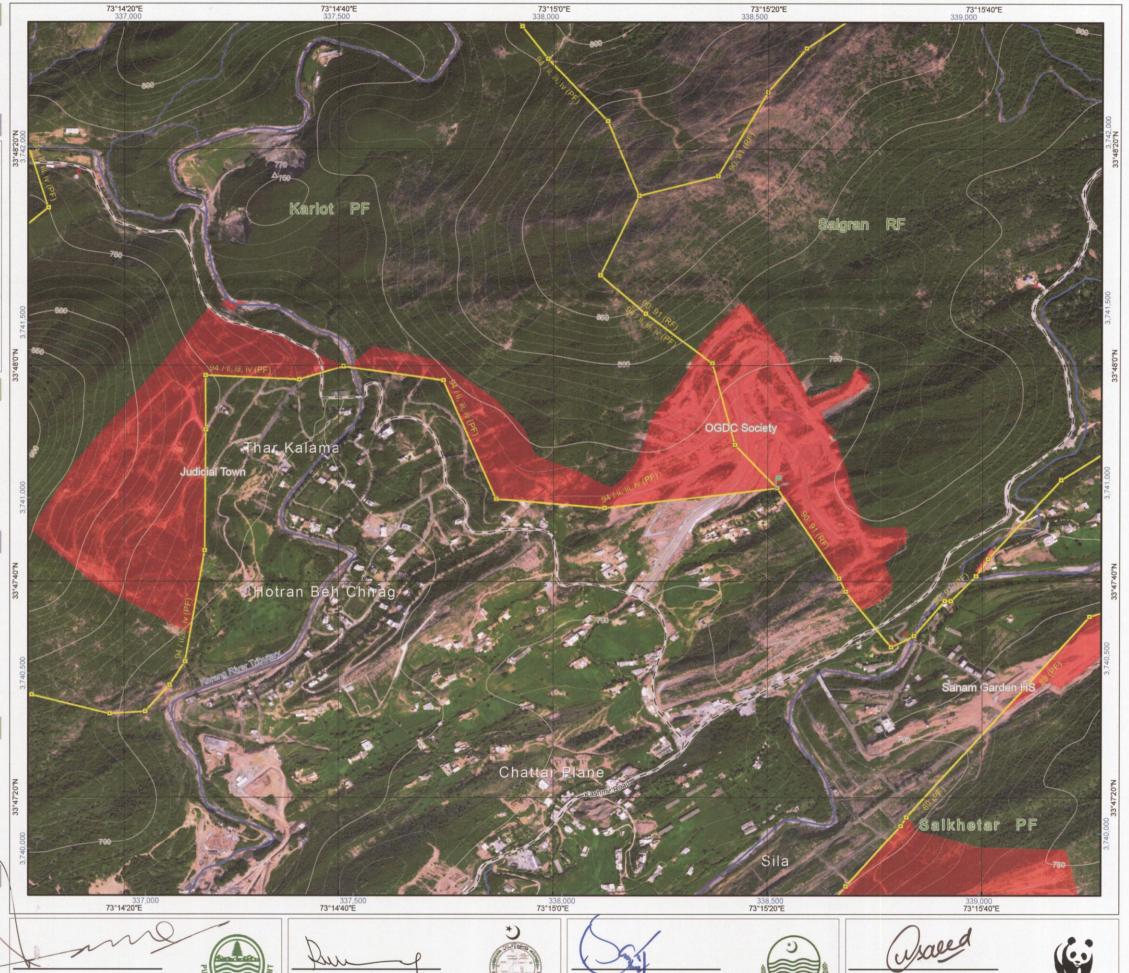






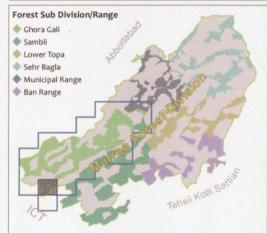


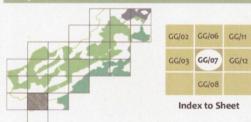




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/07 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





Map Scale & Coordinate System

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Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S





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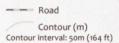




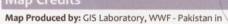








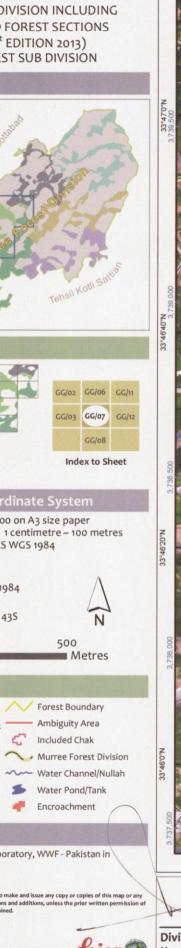




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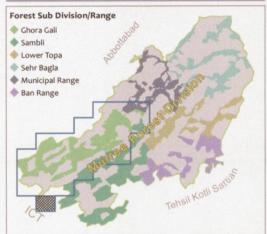
Survey of Pakistan, Murree

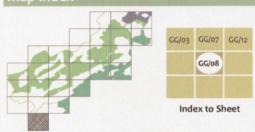
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GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/08 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





Map Scale & Coordinate System

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Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS" Metric Grid: UTM Zone 43S



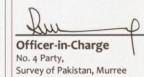


Pillar Mark // Forest Boundary — Ambiguity Area Forest Bench Mark Included Chak Sehadda Murree Forest Division △ Spot Height (m) → Water Channel/Nullah - - Road ■ Water Pond/Tank Contour (m) Encroachment Contour interval: 50m (164 ft)

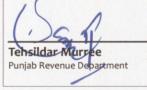
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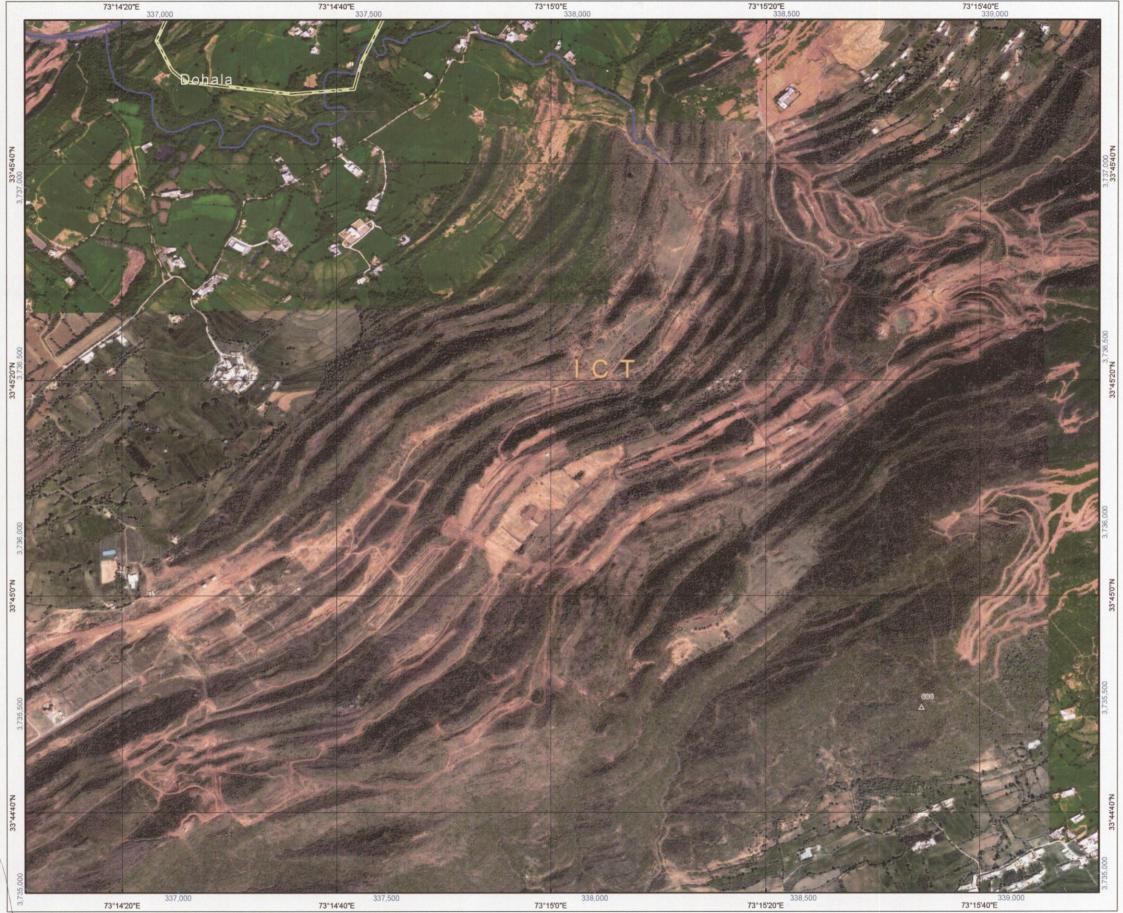




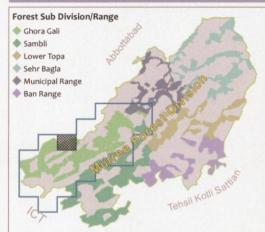


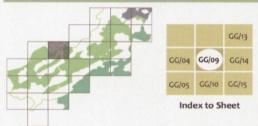






GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/09 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION





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Grids and Graticule:

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Value in: Metres



Map Legend



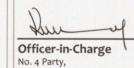
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73°16'20"E

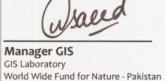




Arokas



73°17'0"E



Nandkot PF



73°17'20"E



73°16'0"E

73°16'20"E



Daleh RF



73°16'40"E

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Map Title GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/10 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION** Map Locator Forest Sub Division/Range Ghora Gali Sambli Lower Topa Sehr Bagla Municipal Range Ban Range

GG/04 GG/09 GG/14 GG/05 GG/10 GG/15 GG/06 GG/11 GG/16

Index to Sheet

Map Scale & Coordinate System

Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Datum: WGS 1984 **Grids and Graticule:**

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Metric Grid: UTM Zone 43S

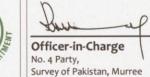
N Value in: Metres 500 Metres

Pillar Mark Forest Boundary — Ambiguity Area Forest Bench Mark Included Chak Sehadda Murree Forest Division ▲ Spot Height (m) → Water Channel/Nullah - - Road Water Pond/Tank Contour (m) Contour interval: 50m (164 ft) Encroachment

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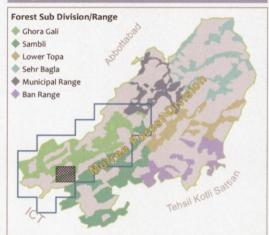


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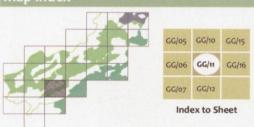


GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/11 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator



Map Index



Map Scale & Coordinate System

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Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS" Metric Grid: UTM Zone 43S

Value in: Metres

500 Metres

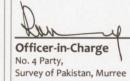


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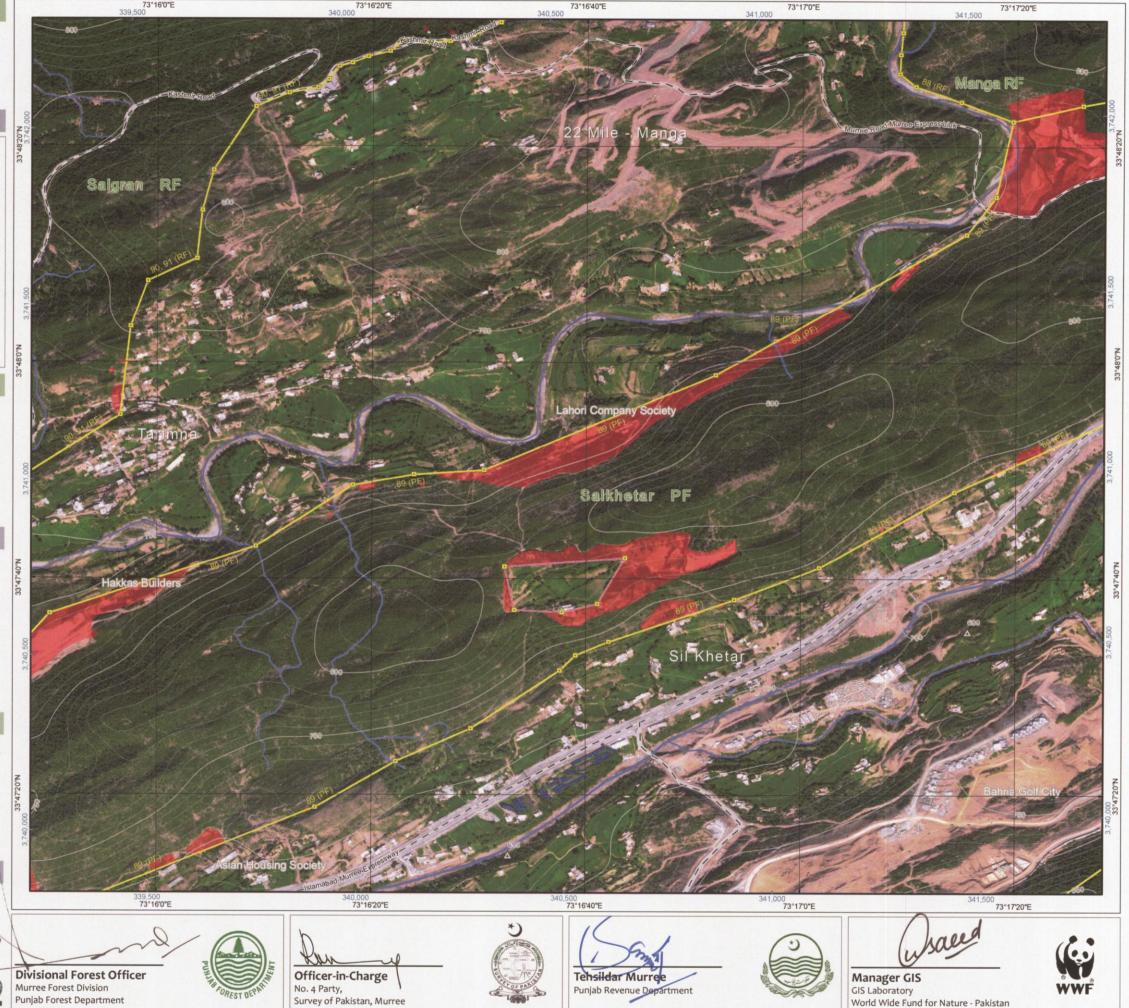
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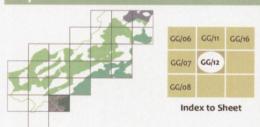




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/12 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION

Map Locator





Map Scale & Coordinate System

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Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Value in: Metres

Metric Grid: UTM Zone 43S 500 O 100 Metres ■ Metres

500 Feet



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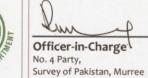
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Murree Forest Division



73°16'0"E











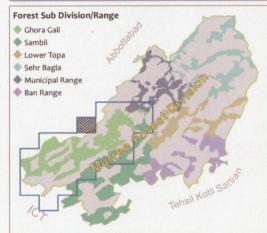
World Wide Fund for Nature - Pakistan





GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/13 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION

Map Locator



Map Index



Map Scale & Coordinate System

Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S Value in: Metres

O 100 Metres 500 ■ Metres 500 Feet

// Forest Boundary Pillar Mark Ambiguity Area Forest Bench Mark Included Chak Murree Forest Division ▲ Spot Height (m) → Water Channel/Nullah - - Road ■ Water Pond/Tank Contour (m) Contour interval: 50m (164 ft) Encroachment

Map Credits

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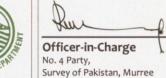


73°17'40"E

Divisional Forest Officer

Murree Forest Division

Punjab Forest Department



73°18'0"E





73°18'20"E





73°18'40"E

Manager GIS GIS Laboratory World Wide Fund for Nature - Pakistan

Nalar



73°19'0"E

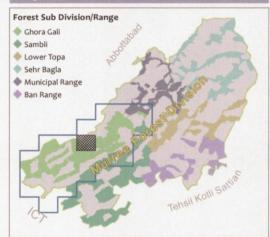


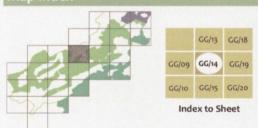




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/14 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





Map Scale & Coordinate System

Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S





Map Produced by: GIS Laboratory, WWF - Pakistan in February, 2013

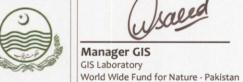


Officer-in-Charge No. 4 Party, Survey of Pakistan, Murree



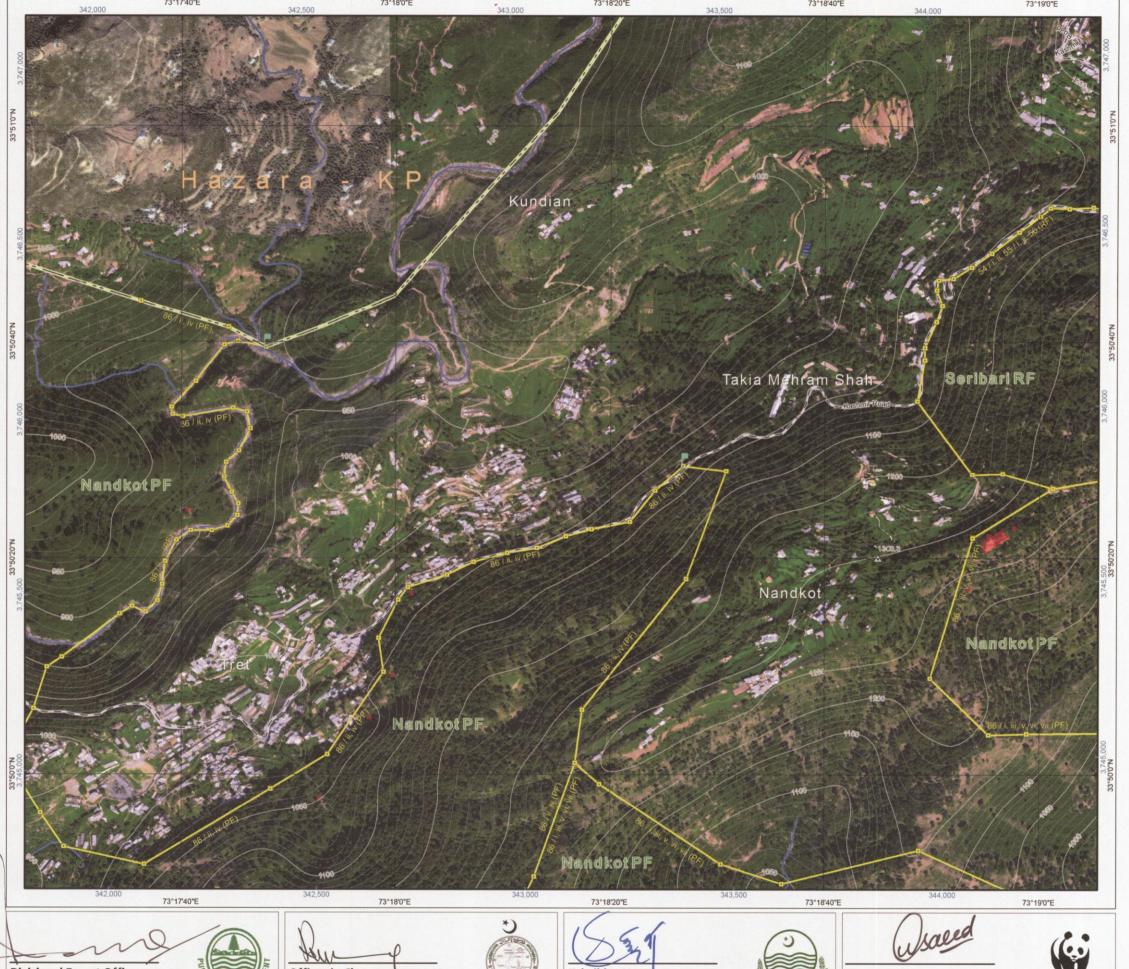








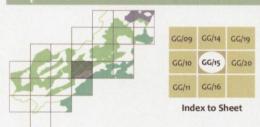




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/15 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule: Geographic Grid: WGS 1984

Value in: DD° MM' SS"

Value in: Metres O 100 Metres

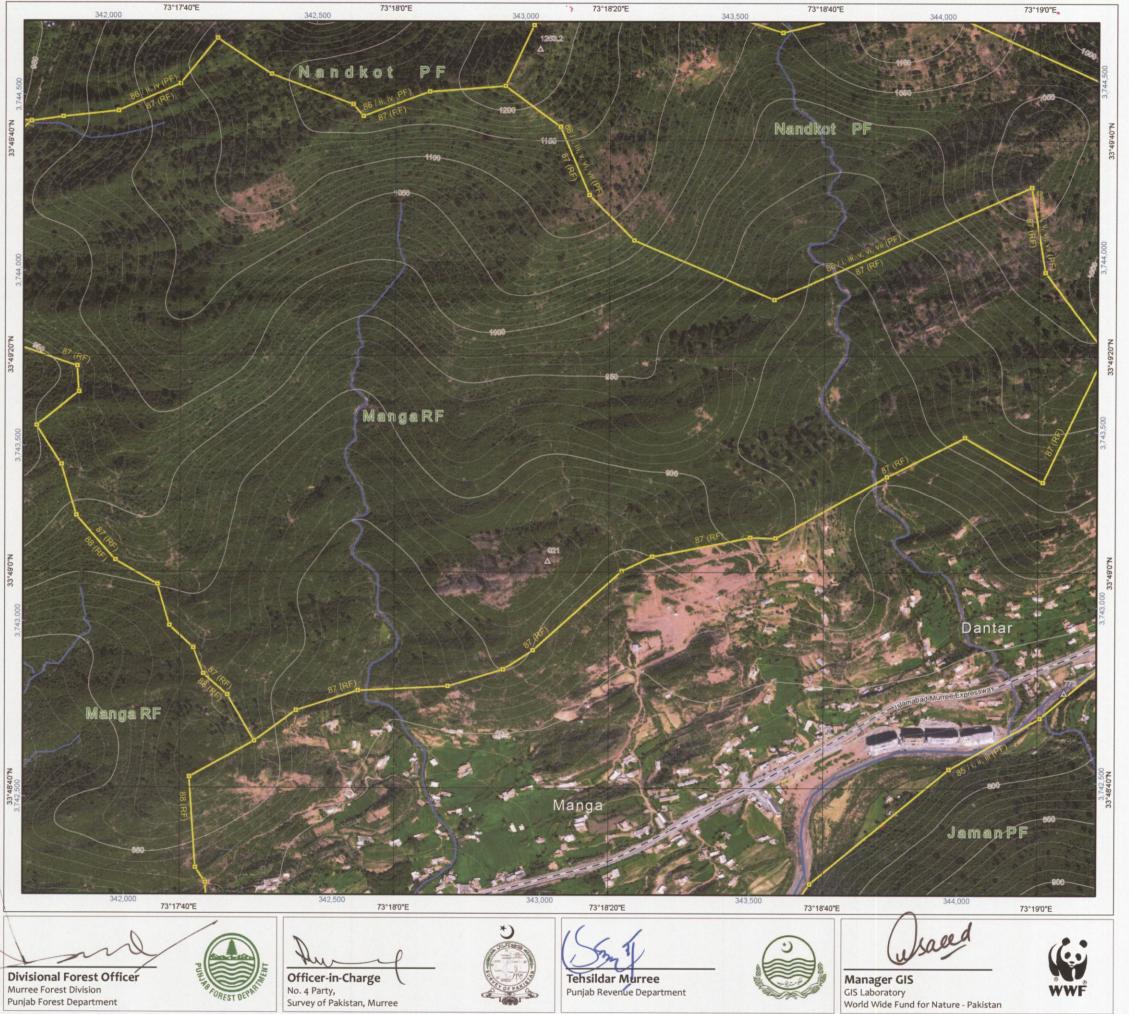
Metric Grid: UTM Zone 43S 500 Metres



Map Produced by: GIS Laboratory, WWF - Pakistan in February, 2013

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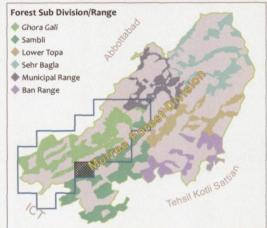


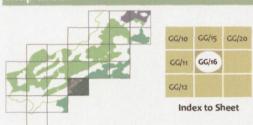


/ Map Title

GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/16 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Value in: Metres 500 O 100 Metres Metres



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Kathar RF

73°17'40"E

Officer-in-Charge No. 4 Party, Survey of Pakistan, Murree

73°18'0"E

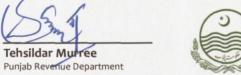




73°18'20"E

KatharRF

Kathar RF





73°18'40"E

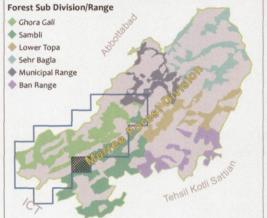
JamanPF

343.500





73°19'0"E





Manga RF

SalkhetarPF

Map Scale & Coordinate System

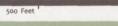
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Metric Grid: UTM Zone 43S

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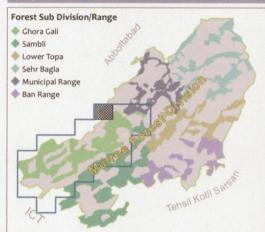


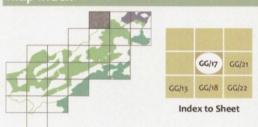






GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/17 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**





Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS" Metric Grid: UTM Zone 43S

Value in: Metres

500 Metres

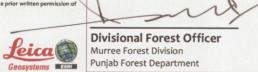
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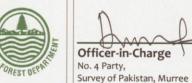


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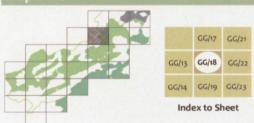






GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/18 (1st EDITION 2013)





Datum: WGS 1984

Geographic Grid: WGS 1984

Metric Grid: UTM Zone 43S

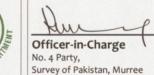
500 Metres



Map Produced by: GIS Laboratory, WWF - Pakistan in

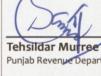
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73°19'40"E







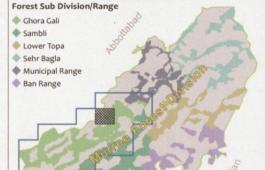


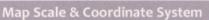


73°20'40"E

73°20'40"E







Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Grids and Graticule:

Value in: DD° MM' SS"

Value in: Metres











February, 2013





73°19'20"E

73°20'0"E

73°20'20"E

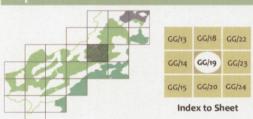
73°20'20"E

Seribari RF

GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/19 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**

Map Locator





Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Datum: WGS 1984

Grids and Graticule:

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Metric Grid: UTM Zone 43S Value in: Metres

500 Metres

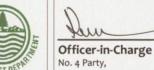
// Forest Boundary Pillar Mark — Ambiguity Area Forest Bench Mark Included Chak Sehadda Murree Forest Division ▲ Spot Height (m) → Water Channel/Nullah - - Road ■ Water Pond/Tank Contour (m)
Contour interval: 50m (164 ft) Encroachment

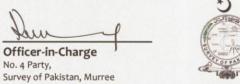
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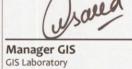






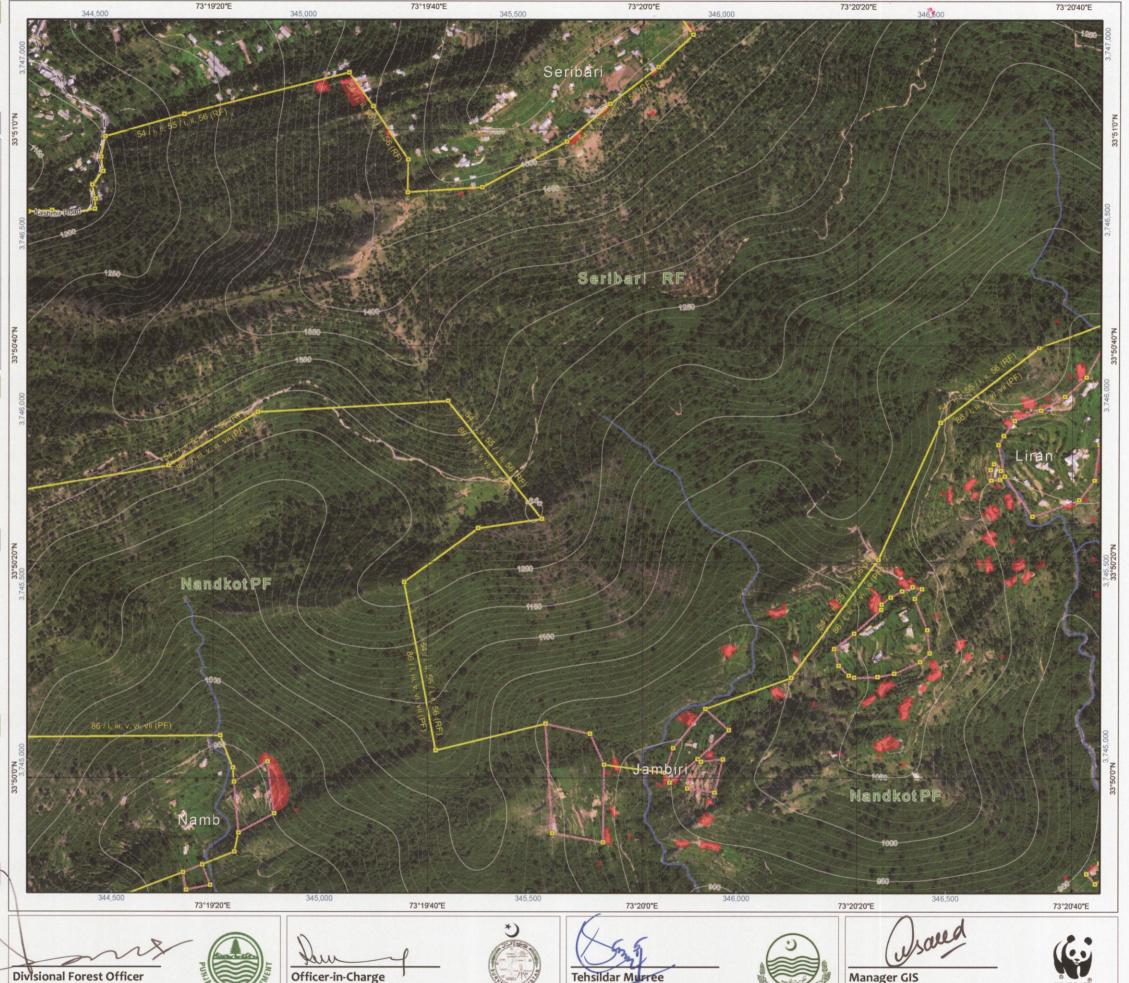






World Wide Fund for Nature - Pakistan



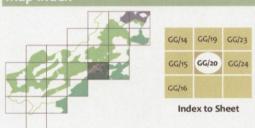




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/20 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION

Map Locator

Map Index



Value in: DD° MM' SS"

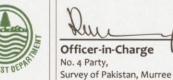
Value in: Metres O 100 Metres

// Forest Boundary Pillar Mark Ambiguity Area Forest Bench Mark Included Chak Murree Forest Division △ Spot Height (m) ~~ Water Channel/Nullah - Road ■ Water Pond/Tank Contour (m) Encroachment

Map Credits

Map Produced by: GIS Laboratory, WWF - Pakistan in February, 2013





JamanPF

73°19'40"E







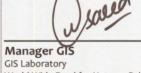
73°20'0"E



73°20'20"E

Jaman PF

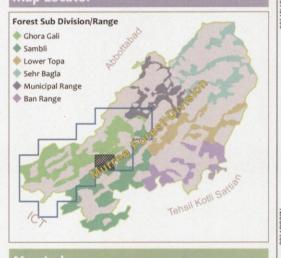
73°20'20"E



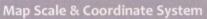


73°20'40"E

73°20'40"E







Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984

Metric Grid: UTM Zone 43S

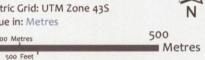






















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73°19'20"E

73°19'20"E

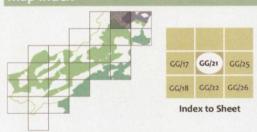
Nandkot PF

PlasiRF

GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/21 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION



Map Index



Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS" Metric Grid: UTM Zone 43S



500 ■ Metres 500 Feet

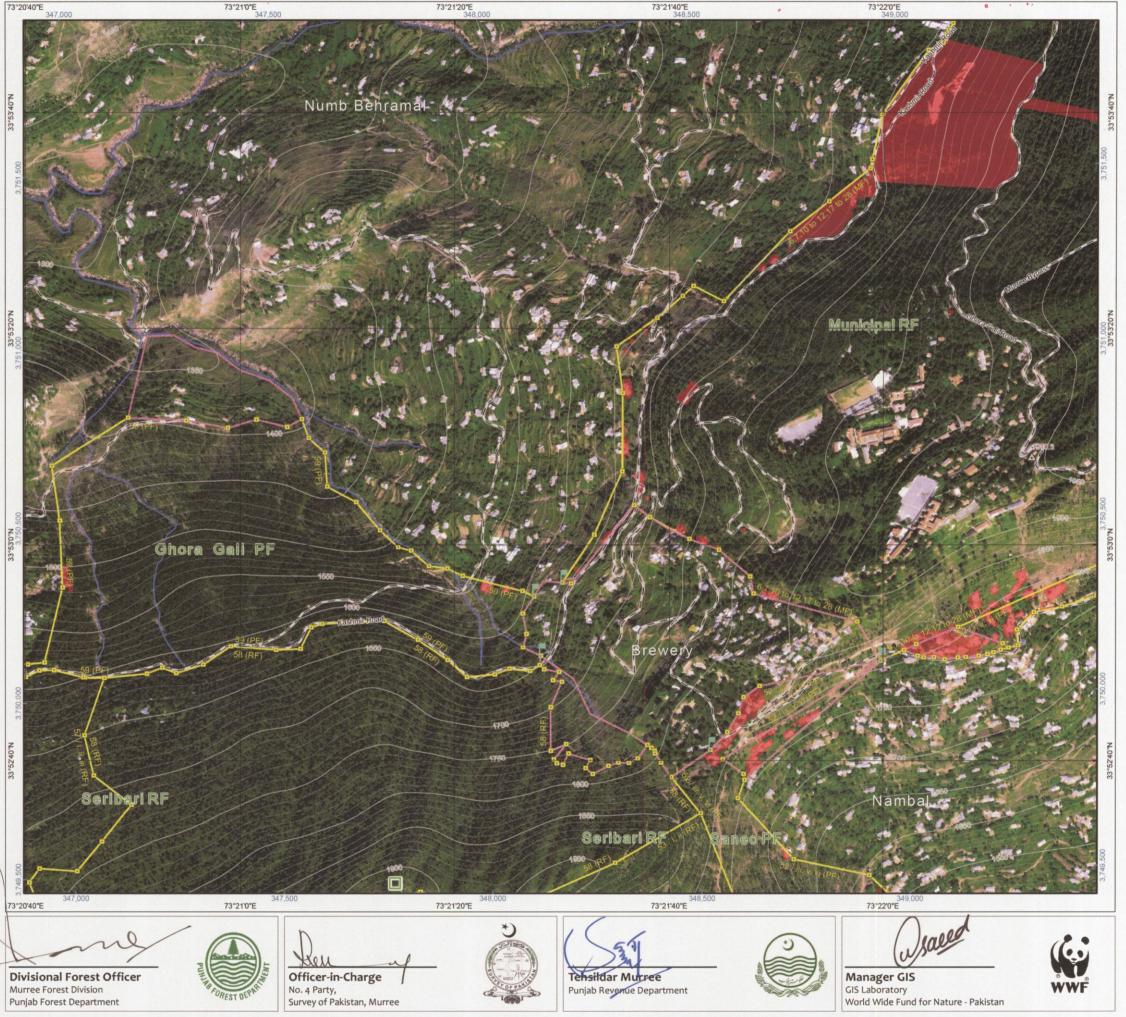


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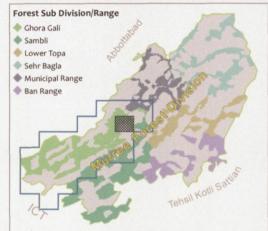
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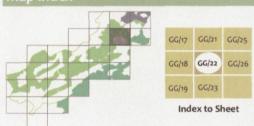






GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/22 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**





Map Scale & Coordinate System

Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S

Value in: Metres 500 Metres

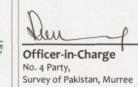


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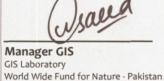
















Map Title GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/23 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION** Forest Sub Division/Range Ghora Gali Sambli Lower Topa Sehr Bagla Municipal Range Ban Range

73°20'40"E



Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

N

Grids and Graticule: Geographic Grid: WGS 1984

Value in: DD° MM' SS" Metric Grid: UTM Zone 43S

Value in: Metres

500 O 100 Metres ■ Metres



Map Credits

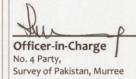
Map Produced by: GIS Laboratory, WWF - Pakistan in February, 2013

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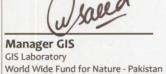
₹ 73°21'0"E













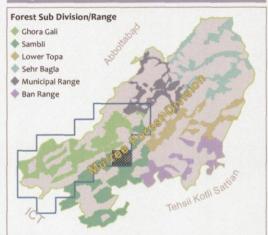


73°21'40"E

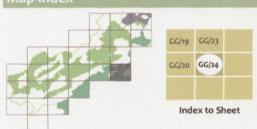
73°22'0"E

73°21'20"E

GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/24 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION



Map Index



Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S Value in: Metres

500 O 100 Metres ■ Metres 500 Feet

N



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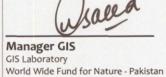
Survey of Pakistan, Murree

73°21'0"E

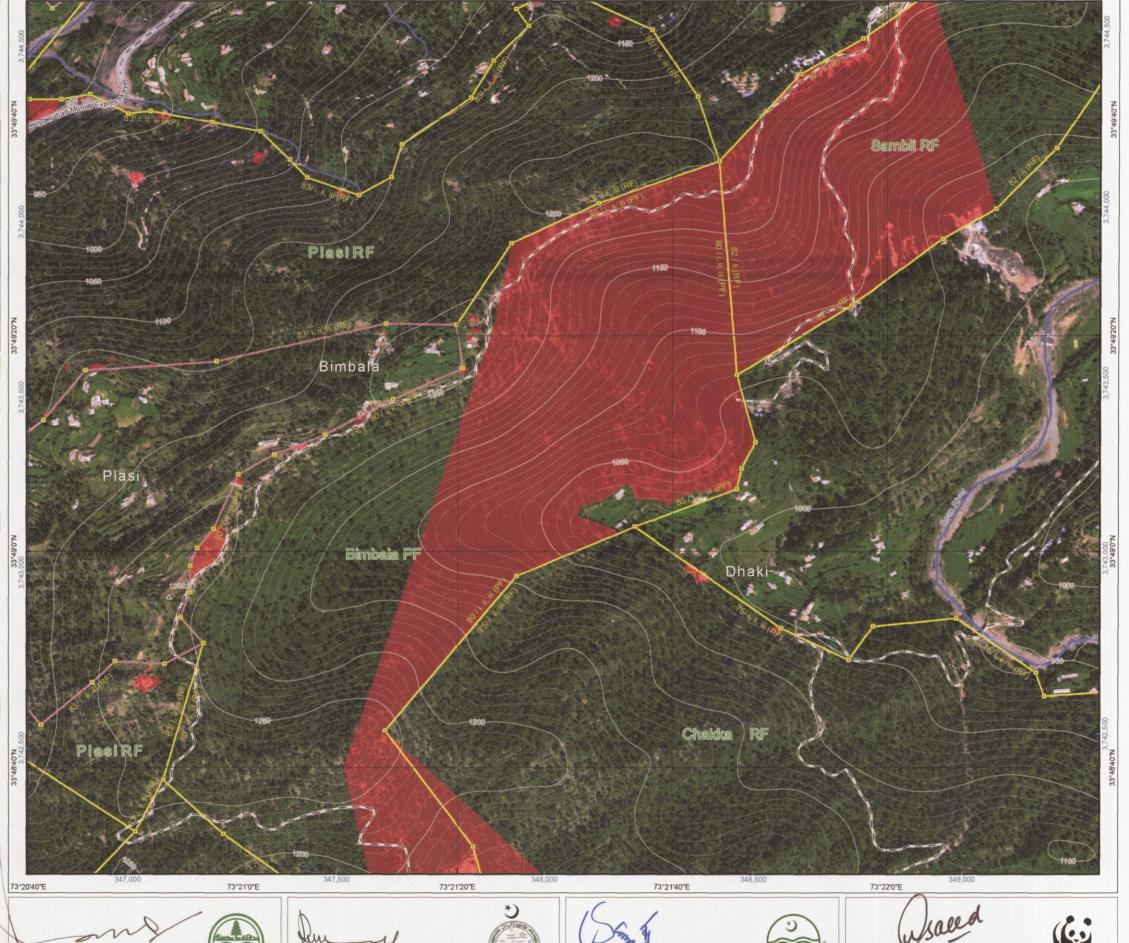








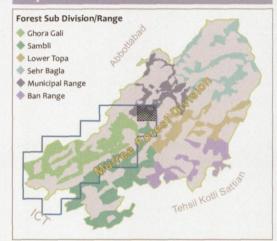


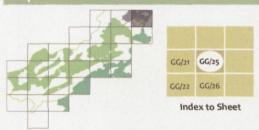


73°21'40"E

49

GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/25 (1st EDITION 2013) **GHORA GALI FOREST SUB DIVISION**





Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984

Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

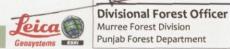
Metric Grid: UTM Zone 43S Value in: Metres



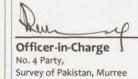


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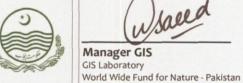






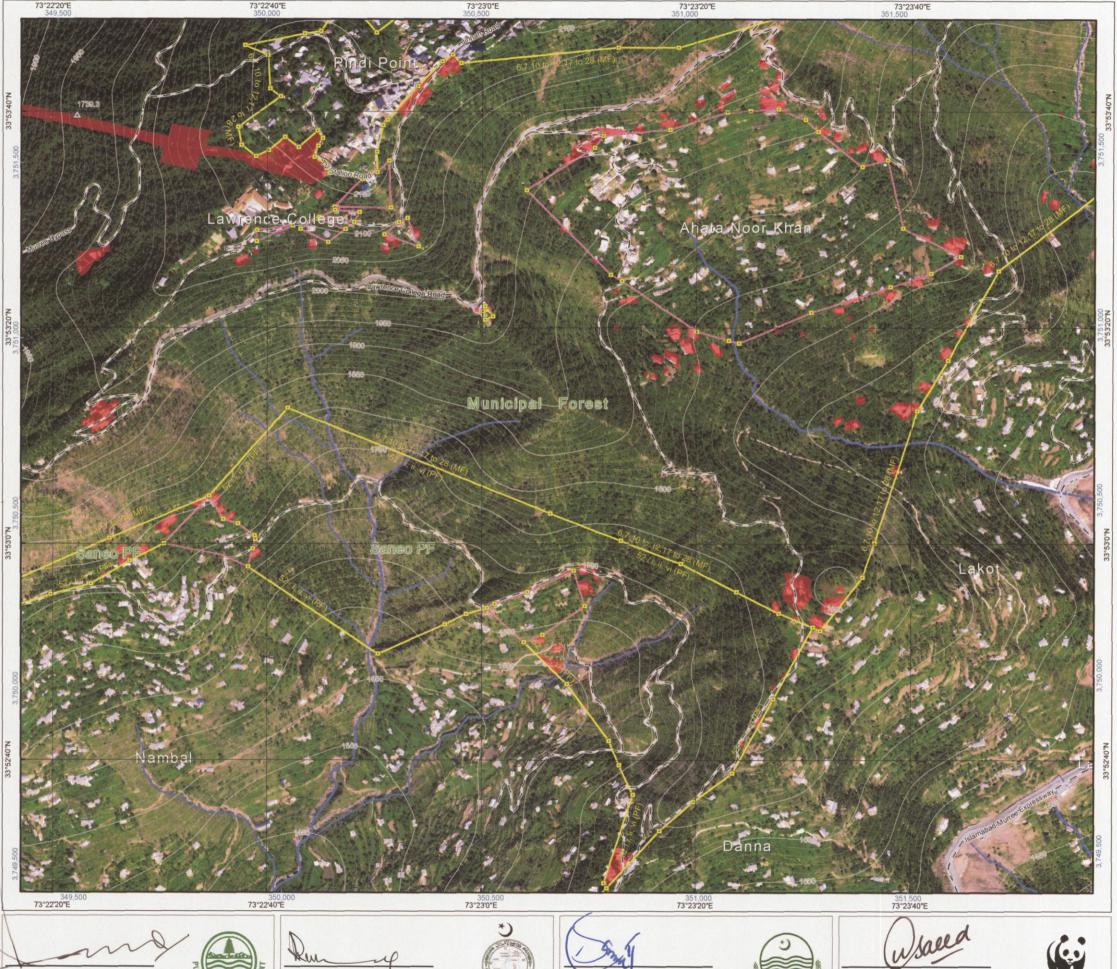








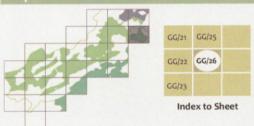




GIS BASED BOUNDARY DELINEATION OF MURREE FOREST DIVISION INCLUDING THE ENCROACHED FOREST SECTIONS MAP ID: GG/26 (1st EDITION 2013) GHORA GALI FOREST SUB DIVISION

73°22'20"E

Forest Sub Division/Range Ghora Gali Sambli Lower Topa Sehr Bagla Municipal Range Ban Range

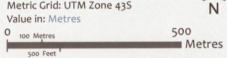


Reference Scale: 1:10,000 on A3 size paper 1 inch ~ 278 yards or 1 centimetre ~ 100 metres Coordinate System: GCS WGS 1984 Datum: WGS 1984

Grids and Graticule:

Geographic Grid: WGS 1984 Value in: DD° MM' SS"

Metric Grid: UTM Zone 43S





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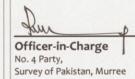


Murree Forest Division

Punjab Forest Department



73°22'40"E









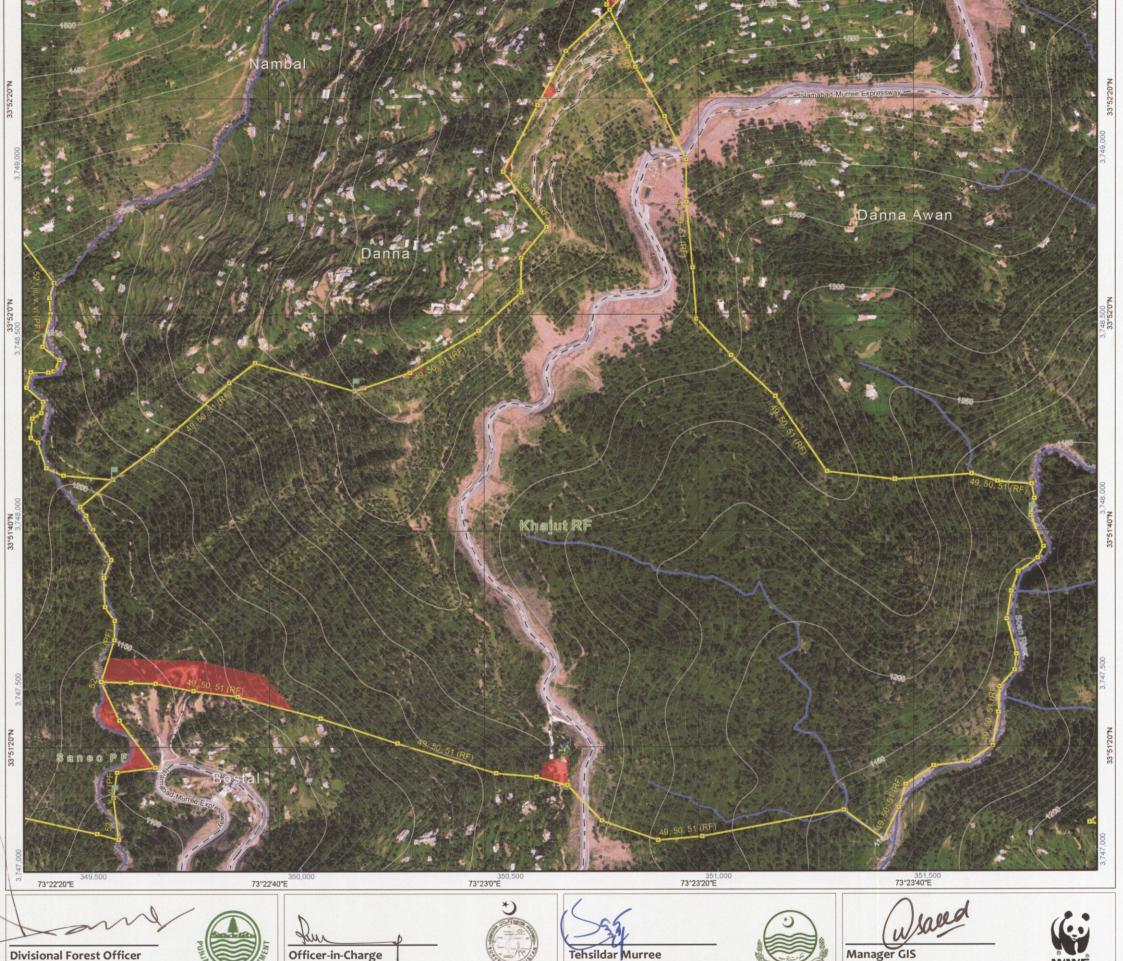
73°23'20"E



Manager GIS GIS Laboratory World Wide Fund for Nature - Pakistan

73°23'40"E





73°23'0"E