



TIMBER

# An Overview of Mobile Geospatial Applications for Smart Devices

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# The Apps for That

Collector  
for ArcGIS

ArcGIS  
Online

Global  
Mapper  
Mobile

Avenza  
Maps

Survey  
123 for  
ArcGIS

ArcMap/  
GlobalMapper/  
QGIS

Geo-  
spatial  
PDF

GaiaGPS





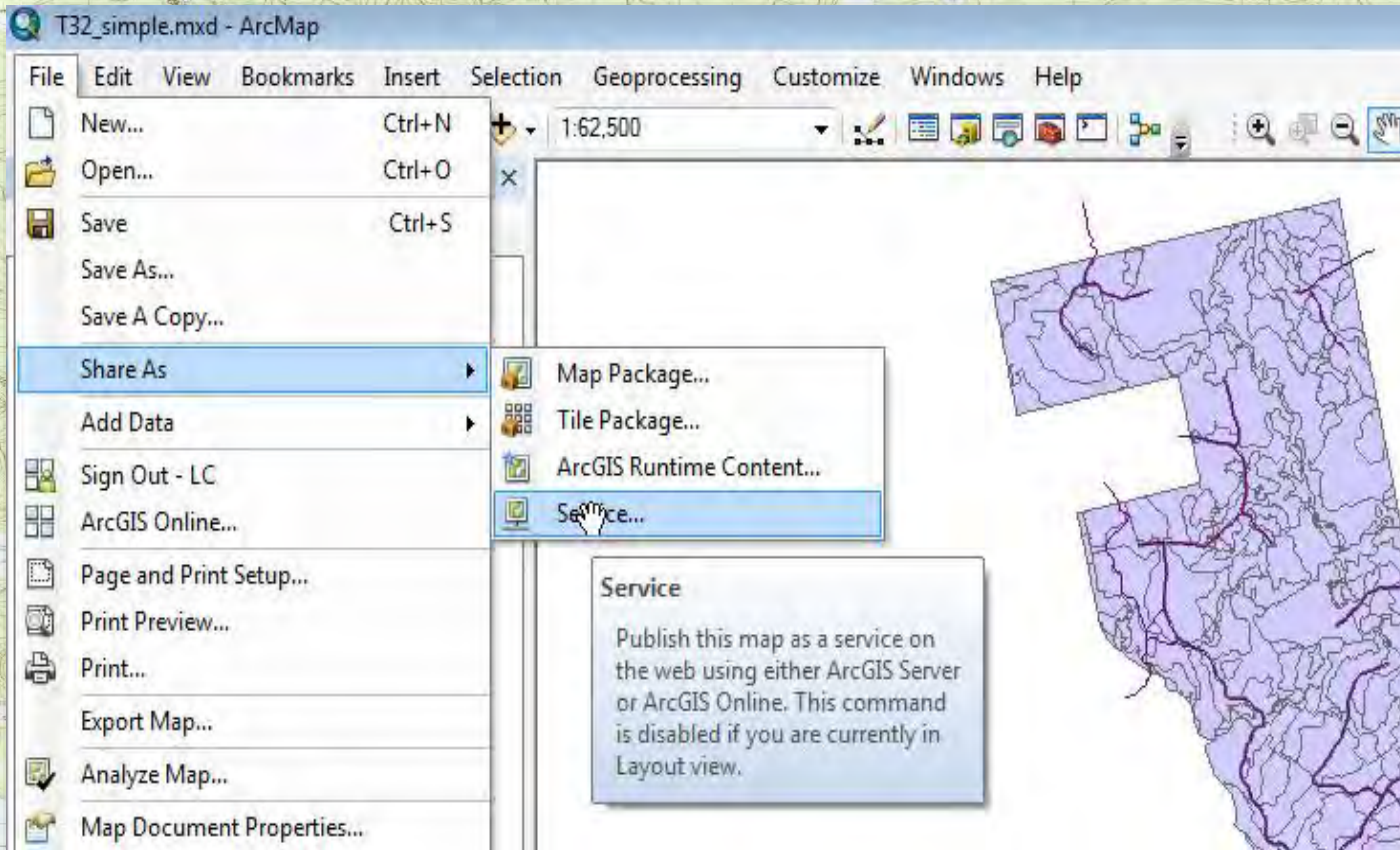
# ESRI: ArcGIS Suite

- ArcMap, ArcCatalog, and ArcGIS Online



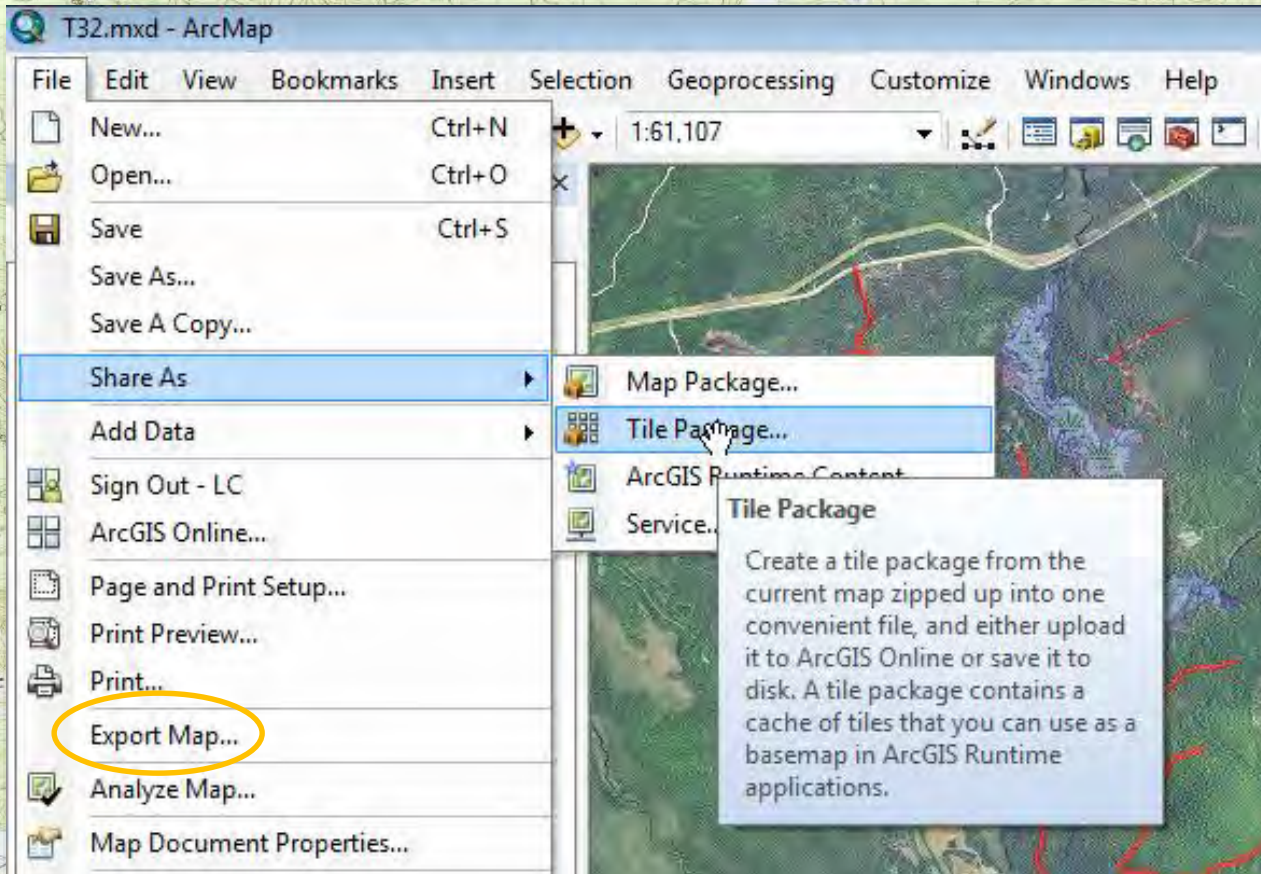


# ArcMap: Publish “Service”





# ArcMap: Create Tile Package

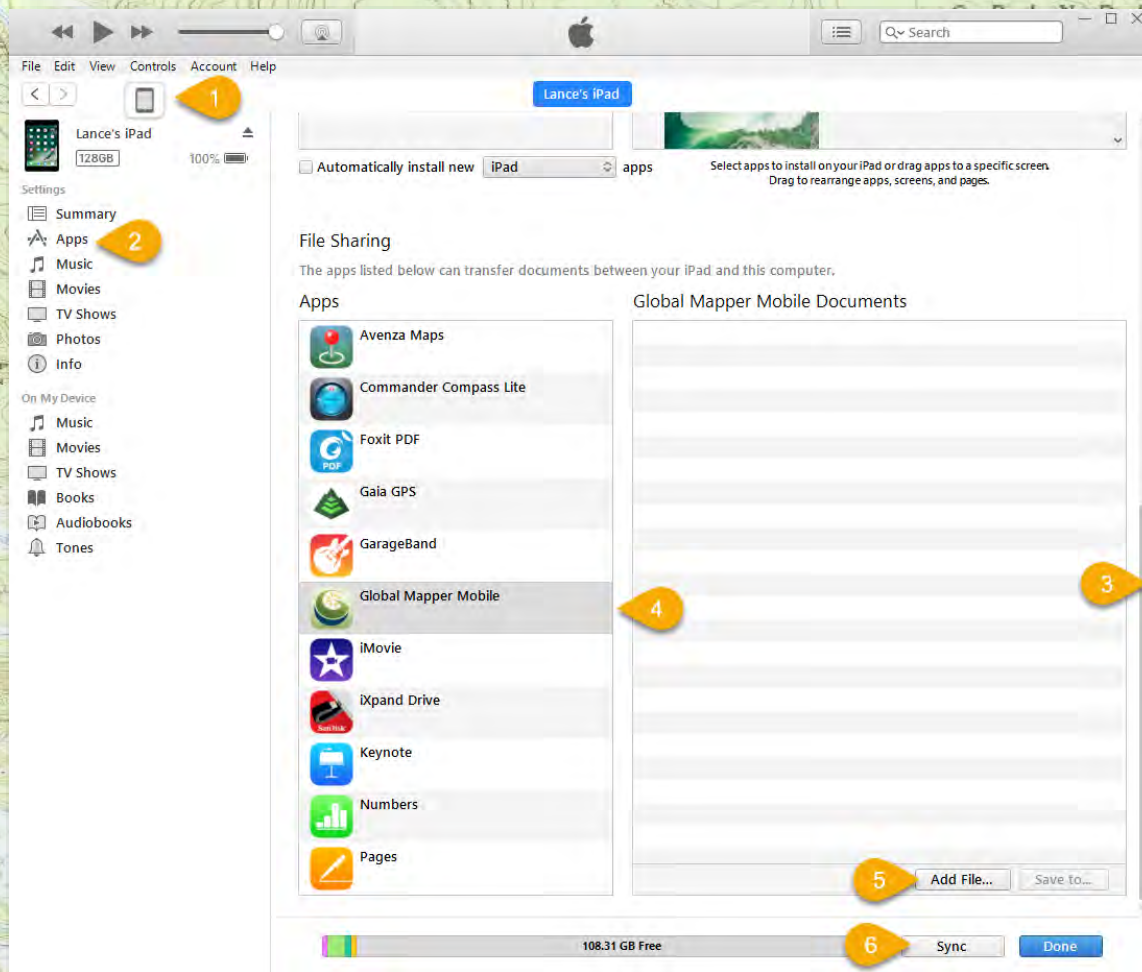








# (Transferring Files via iTunes)





# ArcGIS Online Website

The screenshot displays the ArcGIS Online web application interface. At the top, the browser address bar shows the URL <http://hrc.maps.arcgi...> and the page title "Township 32 Demo". The navigation menu includes "Home", "Township 32 Demo", "New Map", "Create Presentation", and a user profile "Lance". A search bar with the placeholder text "Find address or place" is located on the right side of the navigation bar.

The main map area shows a topographic map of Township 32 Demo. The map features a yellow boundary, red lines representing roads, and a green area representing a property line. A scale bar at the bottom of the map indicates a distance of 2 miles. The text "Province of New Brunswick, Esri, HERE, Garmin..." and the Esri logo are visible at the bottom right of the map.

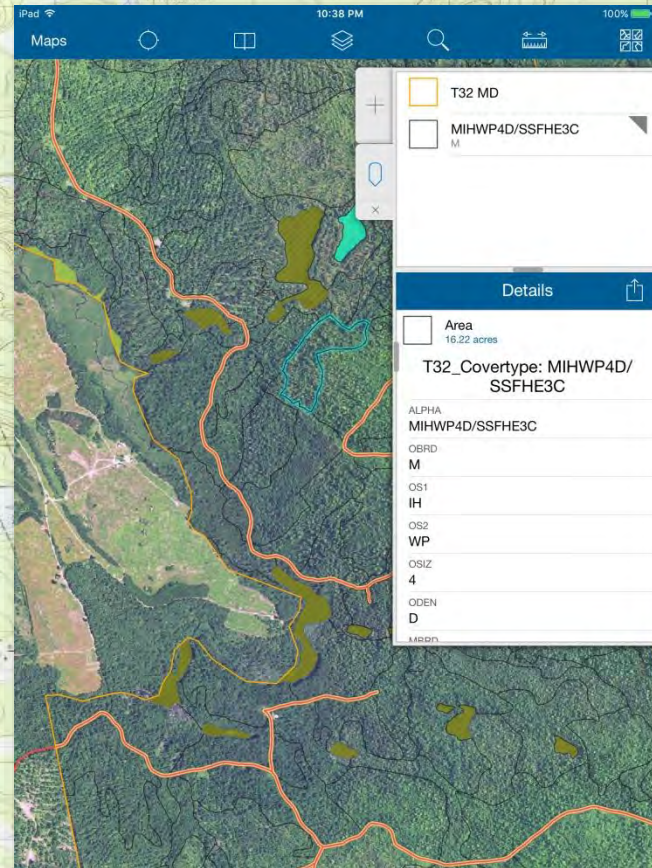
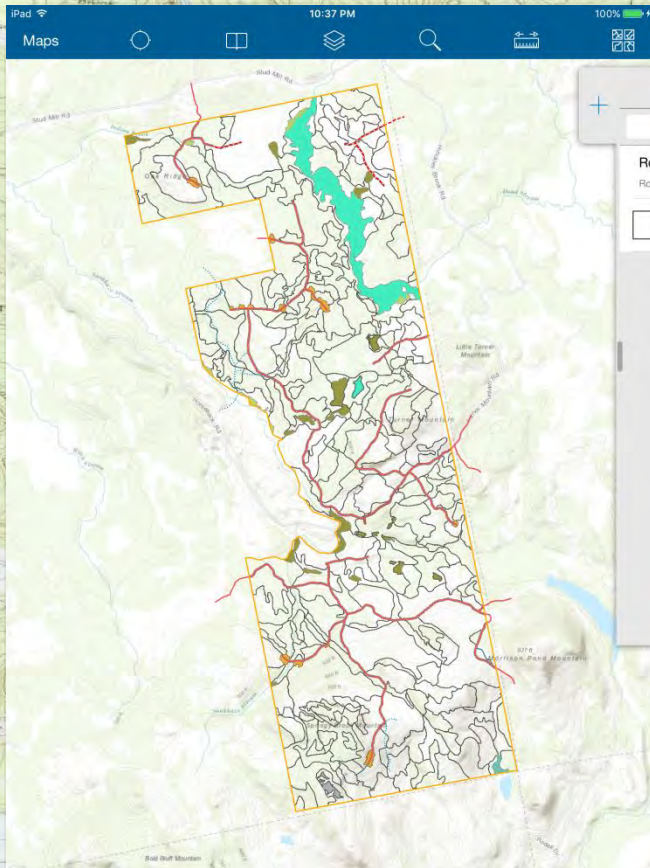
On the left side, the "Contents" panel is visible, listing the following layers:

- Property Line
- Roads
- Covertypes
- Topographic

At the bottom left of the interface, there are links for "Esri.com", "ArcGIS Marketplace", "Help", "Terms of Use", "Privacy", "Contact Esri", and "Report Abuse".



# Collector for ArcGIS





# ArcMap

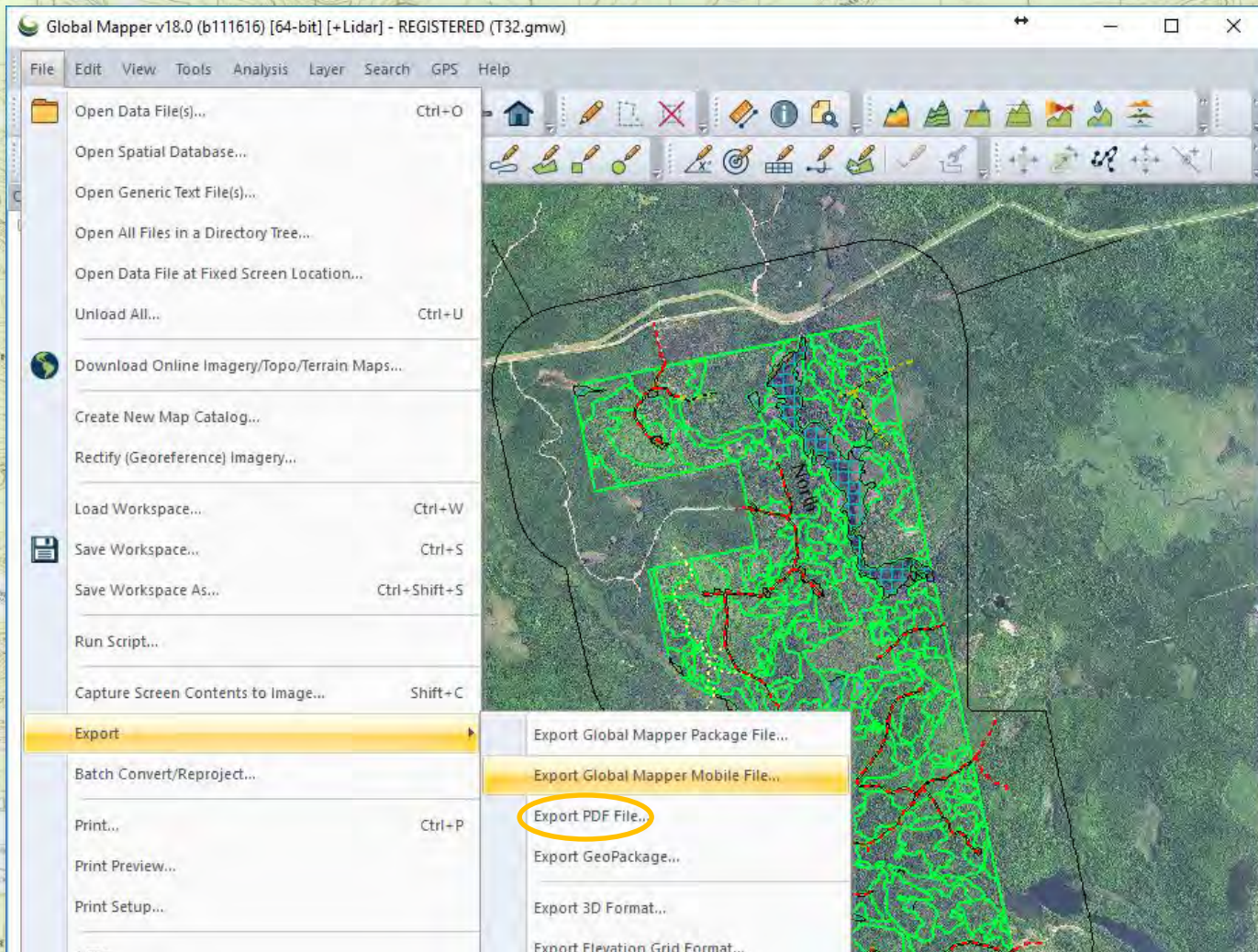
The screenshot displays the ArcGIS Online web interface. At the top, there is a search bar labeled "Search ArcGIS Online..." and navigation options for "Data" and "Groups". The user's name "Lance Case" and a "Sign Out" link are visible in the top right corner. Below the search bar, there are tabs for "Featured", "My Data", and "My Groups". The "My Data" section shows a list of 84 results. Two results are clearly visible:

- T32 Property Line**: A feature service, private, dated 11/16/2015. It includes a thumbnail showing a blue property line on a map. Below the thumbnail are links for "Details" and "Add".
- T32\_simple**: A feature service, organization, dated 3/14/2017. It includes a thumbnail showing a purple property line on a map. Below the thumbnail are links for "Details" and "Add".

The background of the interface is a topographic map showing terrain contours, water bodies, and place names like "T3 INDIAN PURCHASE (INDIAN 5)", "GRINDSTONE (TIRZ WELLS)", and "WEST".

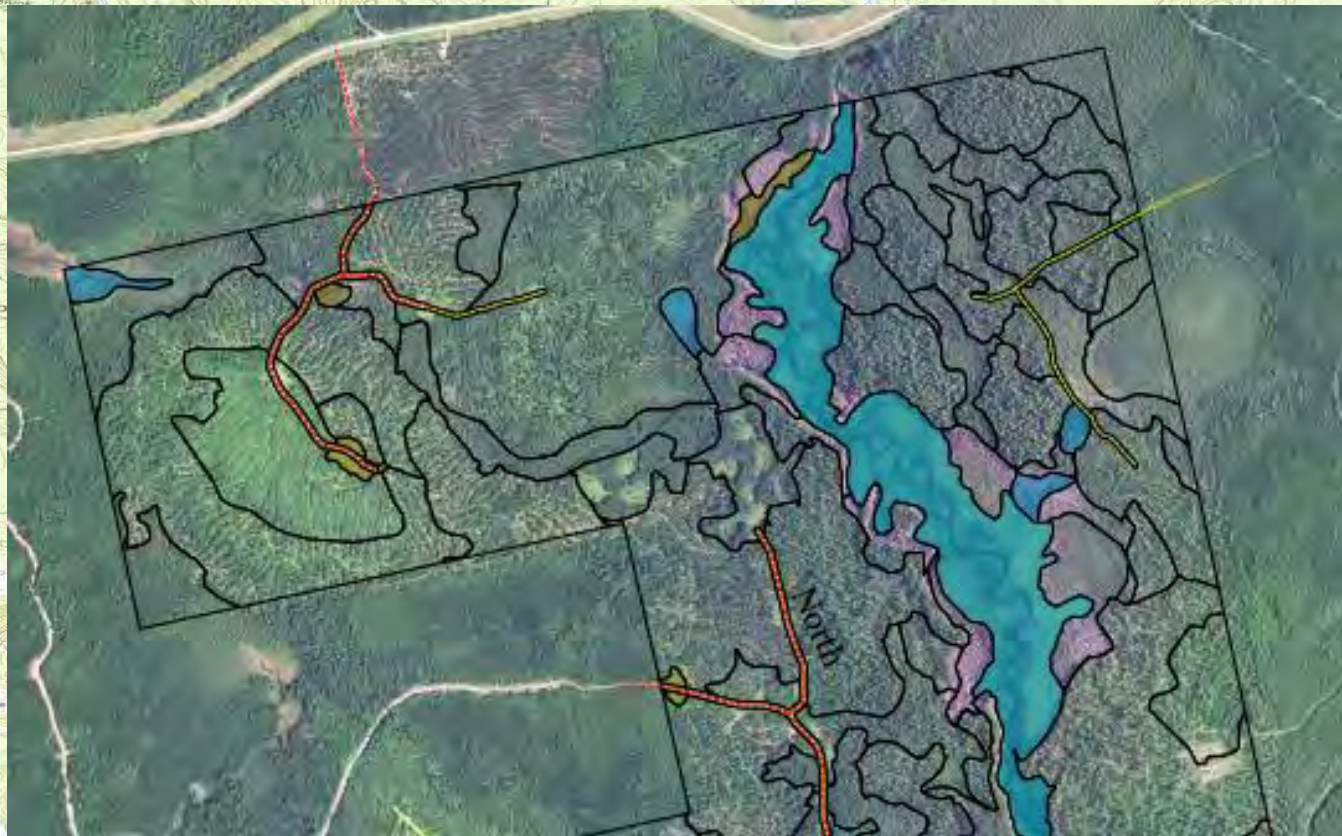


# Global Mapper



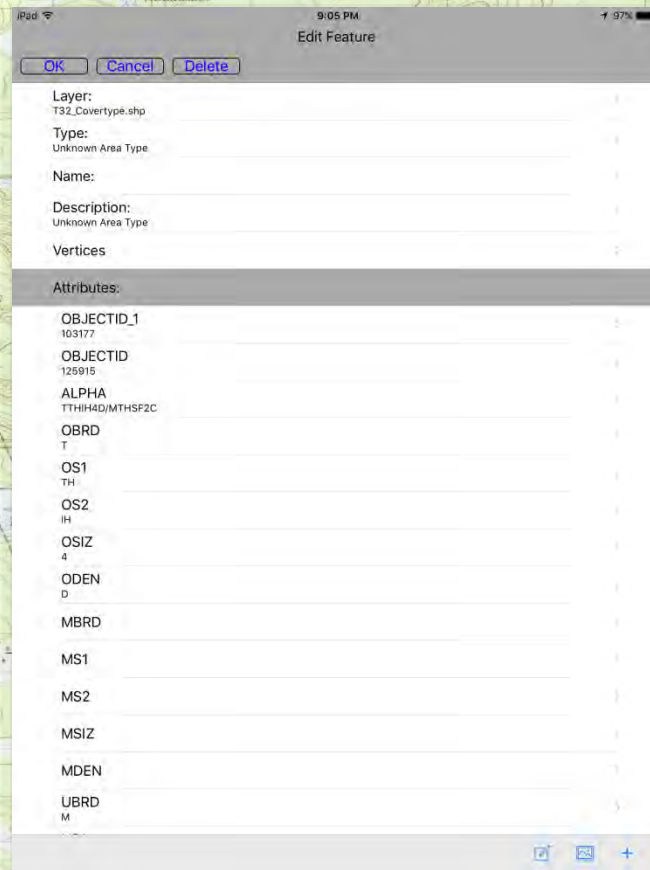
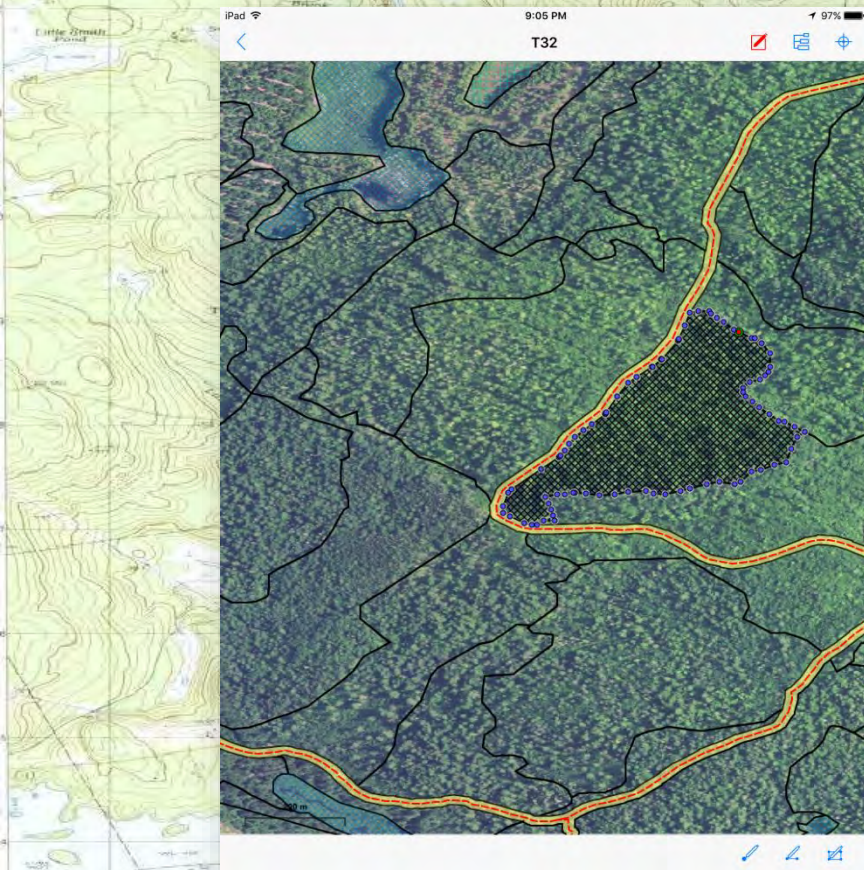


# Global Mapper PDF Export





# Global Mapper Mobile





# QGIS: Las Palmas ver. 2.18.4



2.18.4

2.14.12 (LTR)

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FOR USERS

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Time until next pointrelease 2017-03-24 12:00:00 UTC 15d 17h 21m

## QGIS

A Free and Open Source Geographic Information System



QGIS 2.18 Las Palmas has been released

**QGIS 2.18 Released**

Get it ... [download QGIS 2.18 Las Palmas](#) or read what is new in the: [Visual Changelog](#)

Create, edit, visualise, analyse and publish geospatial information on Windows, Mac, Linux, BSD (Android coming soon)



A topographic map of a region in New England, featuring contour lines, water bodies like Quokick Lake and Pond Falls, and place names such as TIRZ WELLS, GRINDSTONE, MILLINOCKET, and TARB WELLS. The map is overlaid with a grid.

# QGIS Plugins

- **OpenLayers Plugin:** for viewing other imagery sources
- **GeorefExport:** for exporting to geospatial PDF
- **Highly recommend watching , “QGIS - for Absolute Beginners by Klas Karlsson”**



# QGIS

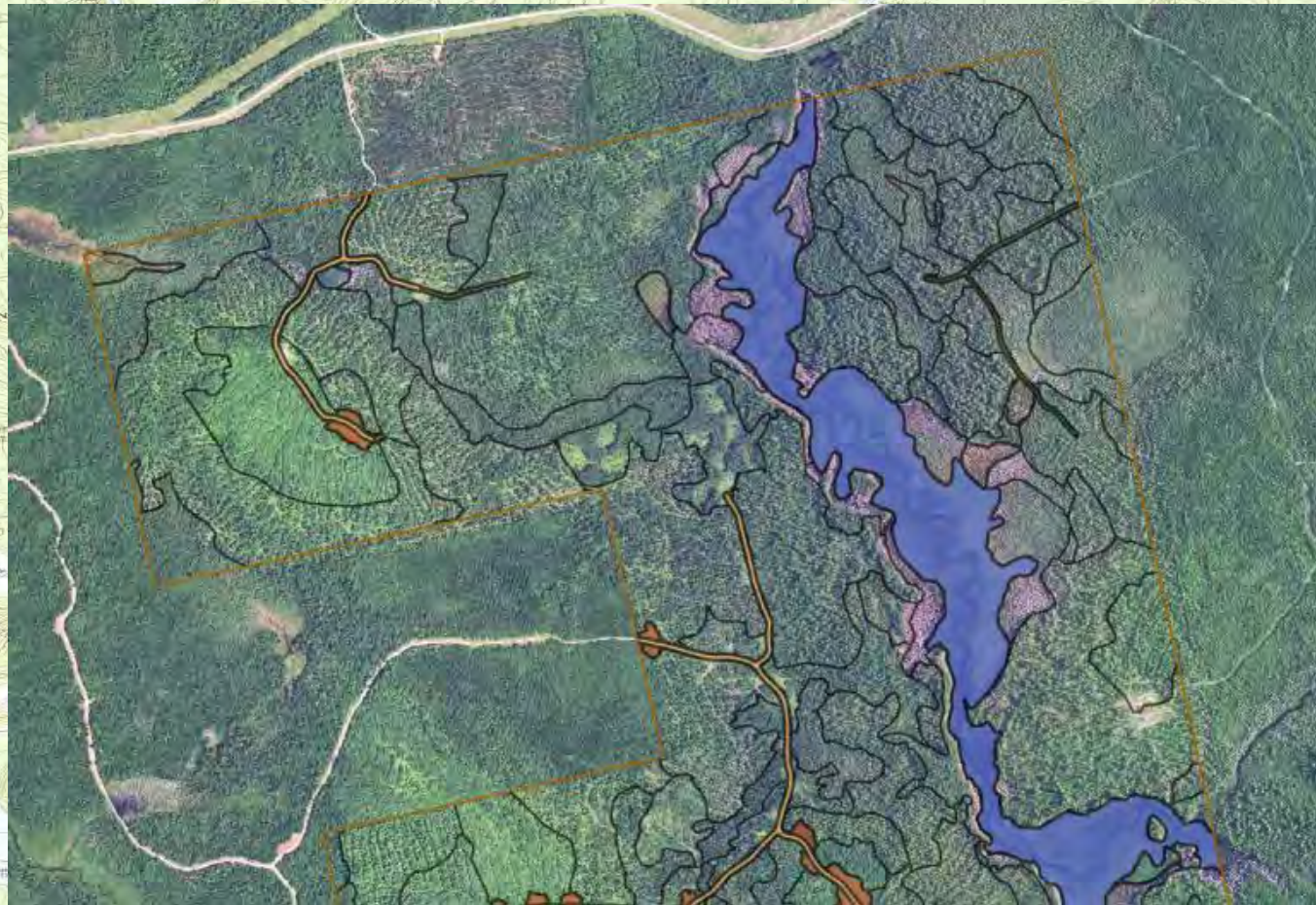
The screenshot displays the QGIS 2.18.4 software interface. The background is a topographic map of the T3 Indian Purchase area. The main window shows a toolbar at the top, a Layers Panel on the left, and a map canvas in the center. The Layers Panel lists several layers: PropertyLine, Covertyp (with sub-layers AL, BV, FL, LG, OB, RC3, RC4, YD), and ortho\_1-1\_in\_s\_me009\_2015\_1. The map canvas shows a satellite-style image with a red circle highlighting a specific area. The GeoreExport dialog box is open in the foreground, titled "GeoreExport". It contains the following fields and options:

- Project CRS: 26919
- DPI: 300
- WIDTH [pixel]: 2000
- Image format: [PDF] Geospatial PDF
- Worldfile:
- Output File...: C:/Users/l.case/Desktop/T32\_QGIS.pdf
- Add result to project:
- Log: (empty text area)

At the bottom of the dialog box are buttons for "OK", "Cancel", and "Help".

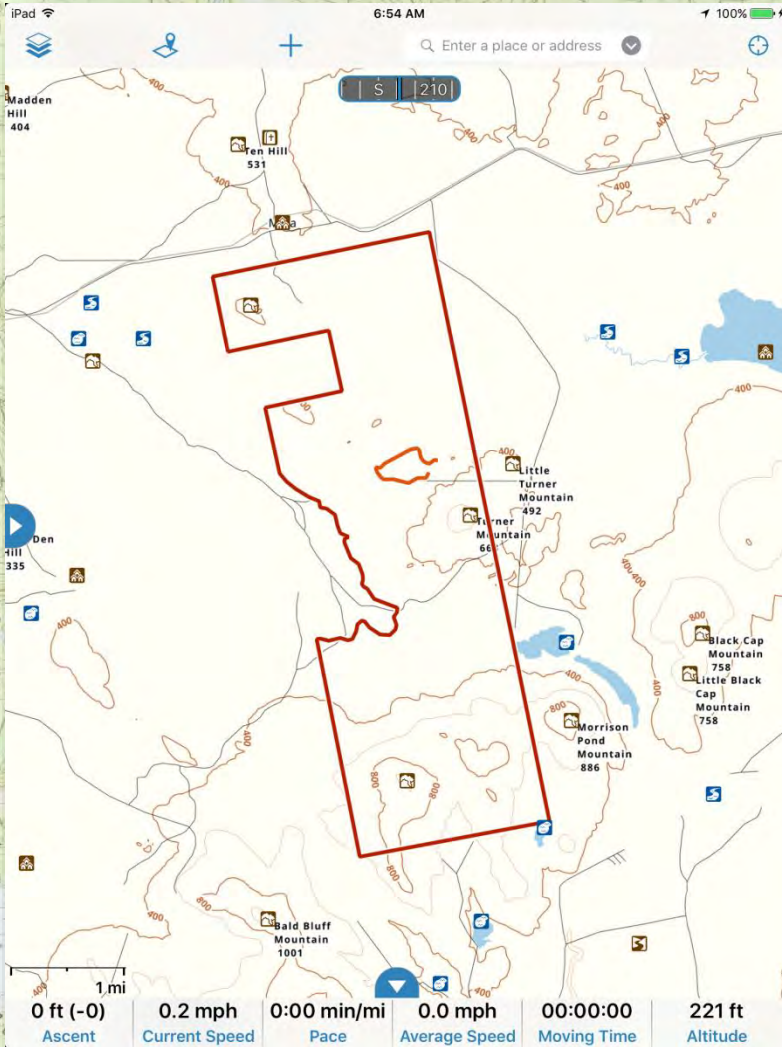


# QGIS PDF Map Export





# Gaia GPS





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