



Central Land Council The Land is always alive..

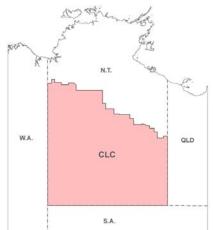


Statutory Body - Aboriginal Land Rights (NT) Act 1976 Representative Body - Native Title Act, 1993

Role of the CLC

- Voice of the Aboriginal people of Central Australia
- Help Vite Native Title Claims
- Consult on mining activity and other development proposals
- Protect Aboriginal culture and sacred sites
- Assist with economic projects on Aboriginal land
- Promote community development
- Help resolve land disputes
- Viewed by constituents as a shield

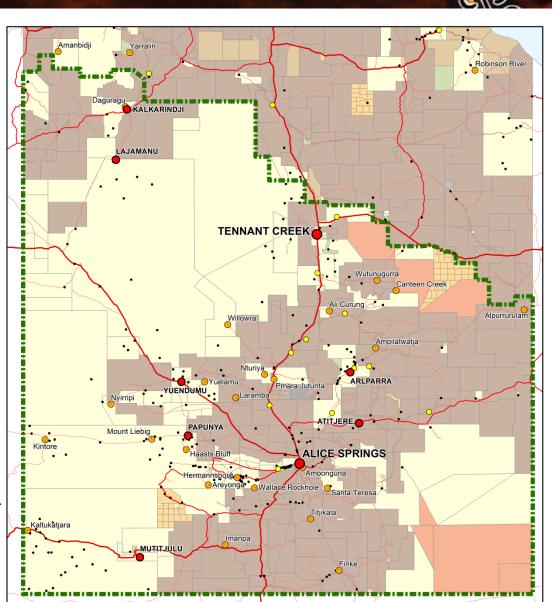
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Central Australia (within the Northern Territory)

Area = $780\ 000$ km²

CLC staff travel more than a million kilometres in their work every year.



Communities in the CLC Region



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Legend CLC Office Location

Major Community

Minor CommunityOutstation

■ ■ ■ CLC Boundary

Primary Road
Secondary Road

Other Road

TENURE Aboriginal Freehold

Crown Lease in Perpetuity

Crown Lease Term

Freehold

Government Set Aside

Pastoral Lease

Perpetual Pastoral Lease
Reserve

Right to Freehold Title

Special Purpose Lease

Town Land

Unknown Vacant Crown

vacant Crown

Produced 27/05/2014 © CLC 2014 Map Number: 2013-094c

1:6,000,000

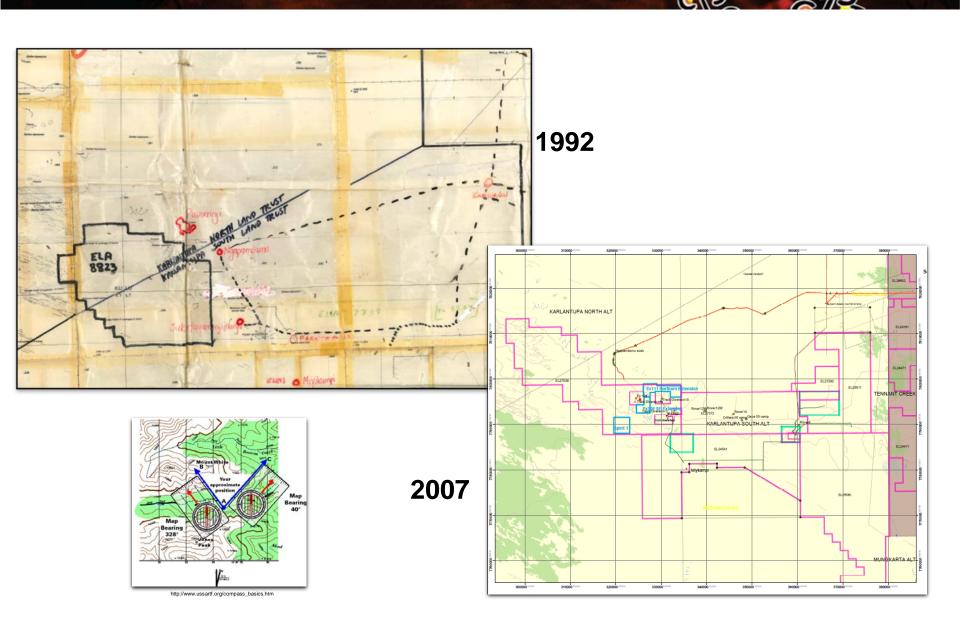


PROJECTION: Geographic DATUM: GDA 94

<u>Data Sources</u>: This map incorporates data which is © Commonwealth of Australia, Geoscience Australia 2003; DPI and DPIFM, NT Govt; CLC.



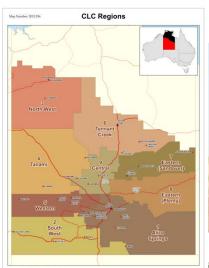
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- Consultation
- Native title claims/research
- Anthropology





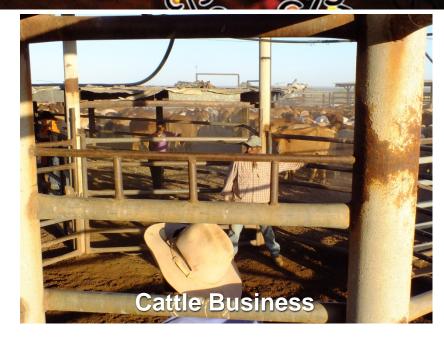




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- Land Use agreements
 - Exploration &mining
 - pastoral, horticulture, tourism
- Land management land mapping, ferals, fires, weeds, biodiversity and threatened species
- Community Development projects





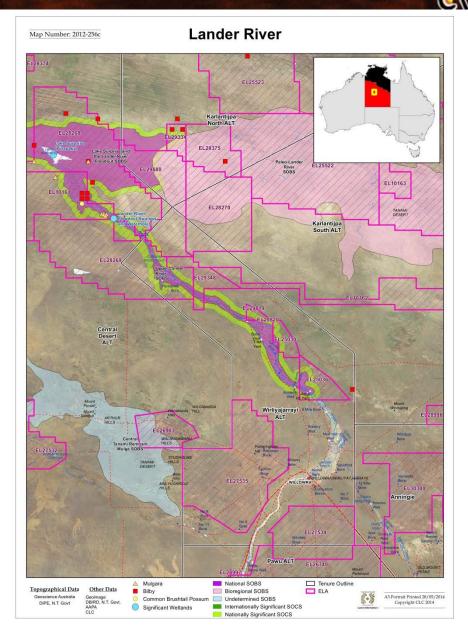


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- Staff
 - 2 full time mapping staff
 - 1 casual

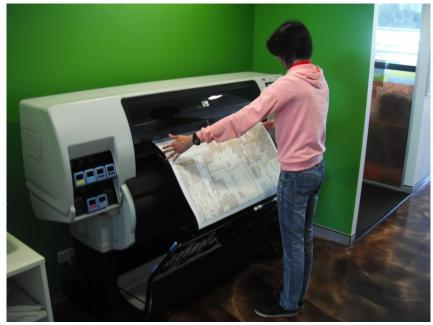






- Esri software ArcMap
 - Approx 15 licenses Basic to Advanced, land information, mining officers, land management
 - Equipment high spec computers, double screens, other mapping software, GPS units, large format plotters





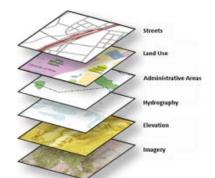


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Data

External

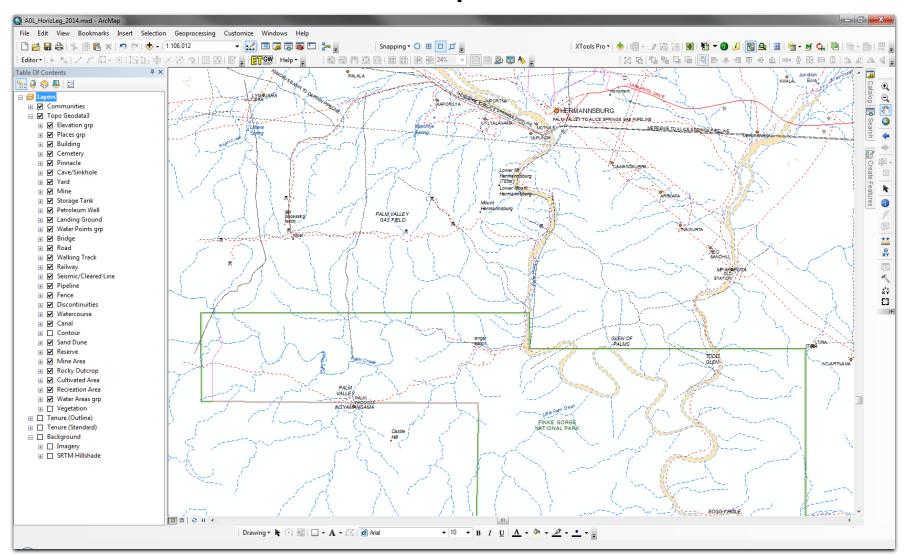
- Geoscience Australia Topographic data roads,
 watercourses, communities, contours, water points etc
- NTG (Northern Territory Government) Tenure, mining leases, some roads
- Federal Department of Environment National vegetation (NVIS)
- Imagery NaturalVue (Landsat 15m pixel resolution), Esri, Google Earth



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Topo

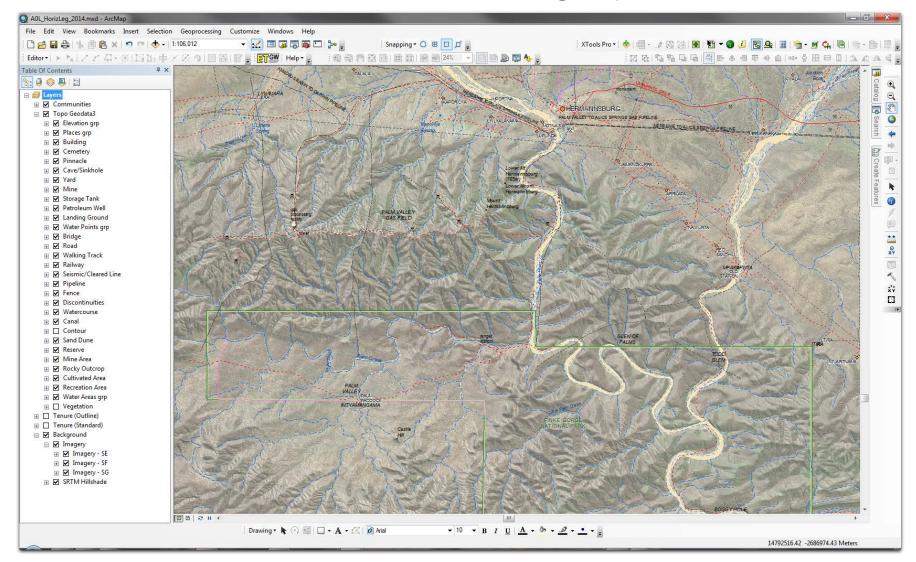




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Topo with imagery

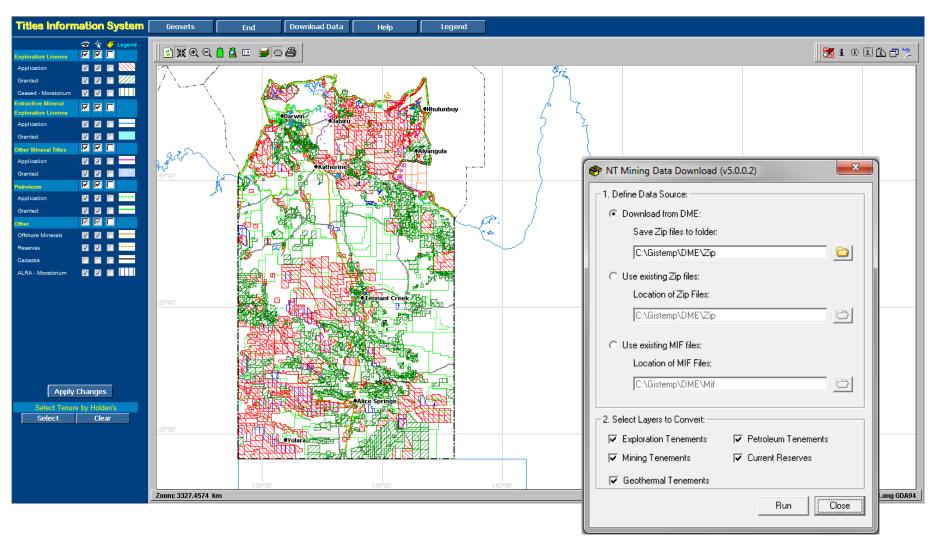






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Mining Tenements (NTG)

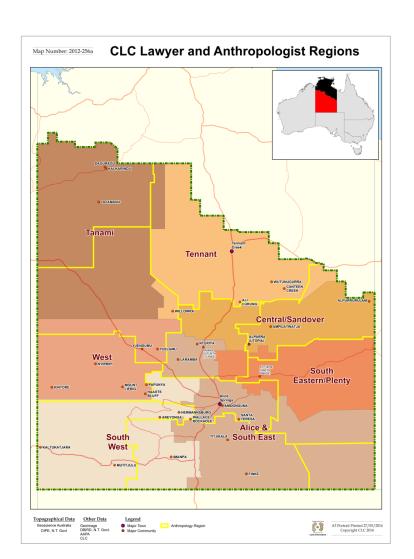




Data

Internal (CLC)

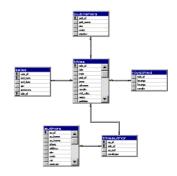
- Administrative boundaries
 - CLC regions
 - Lawyer
 - Anthropology
 - Mining
 - Community Development
- Sacred sites (anthropologists)
- Edit or create new topographical data ie roads, watercourses etc as necessary using GPS tracks, Esri or Google Earth imagery







Databases

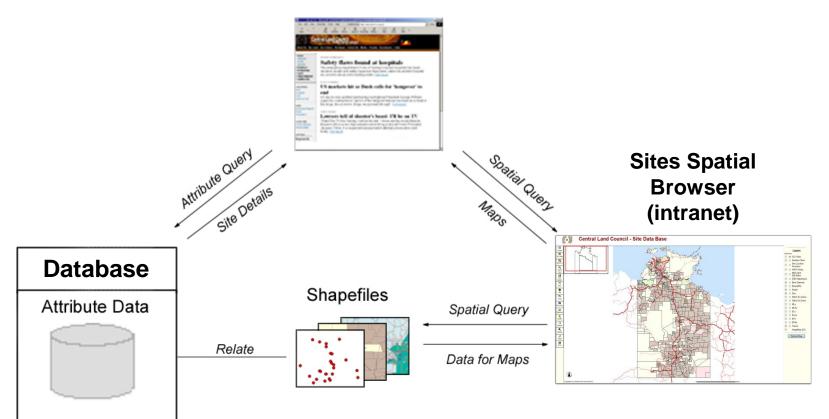


- Microsoft SQL database
 - Sites database connected to Sites Spatial Browser
 - Mining database EMPAA
- CyberTracker database (land management)
- Microsoft Access
 - database to record all mapping projects



Sites DB - Architecture

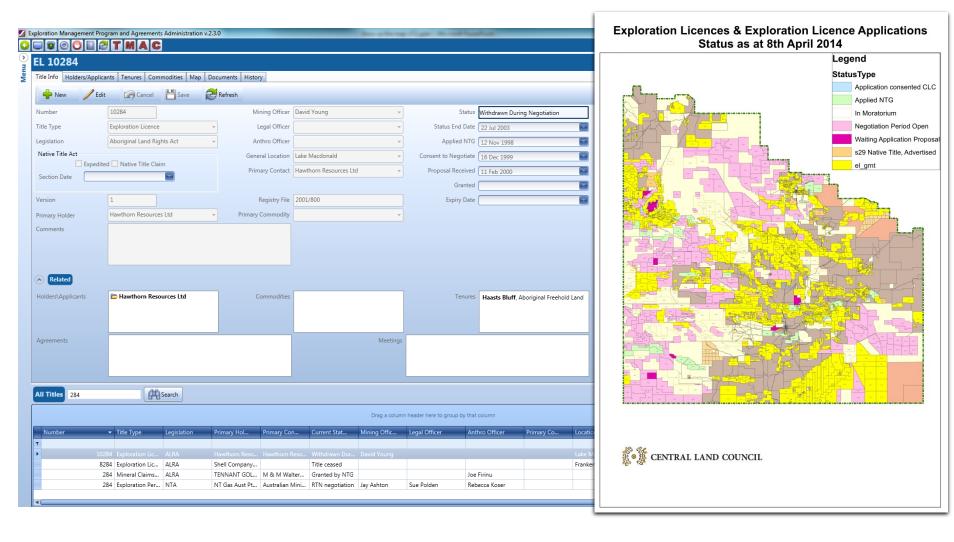
Web Forms





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Mining Database (EMPAA)





CyberTracker

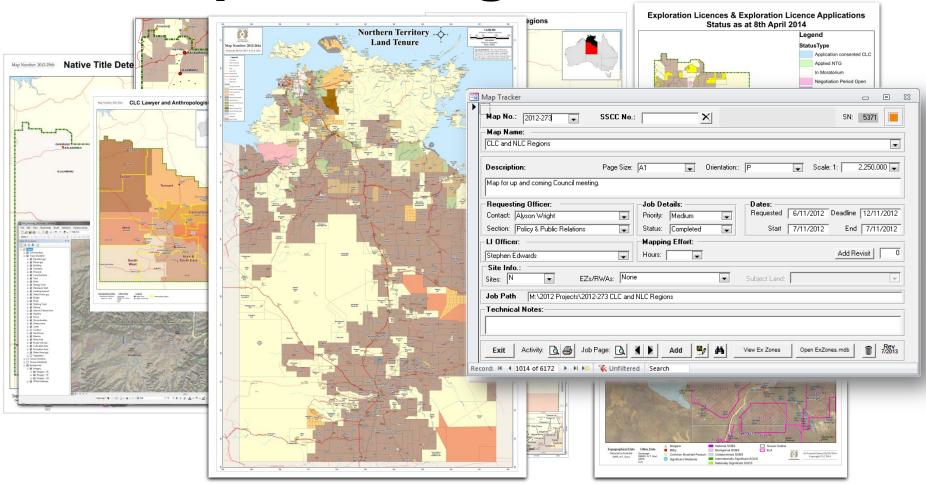
Data Collection

- Animal tracking
- Weeds
- Pastoral monitoring
- Bush food
- Rock Wallaby survey
- Slater's Skink survey
- Feral animal control
- Quandong mapping
- Fire management



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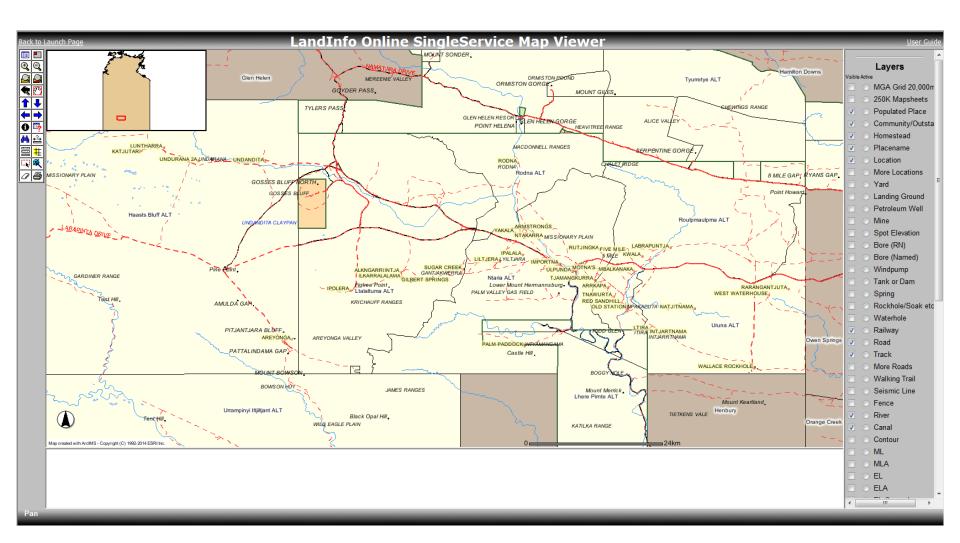
Map Tracking Database



Approximately 600 maps per year for the last 4 years

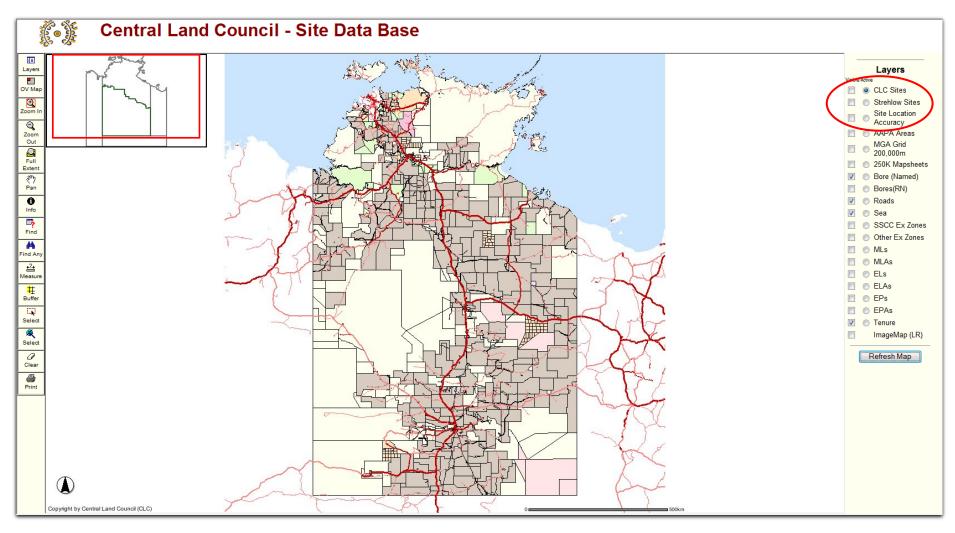


Land Info Online

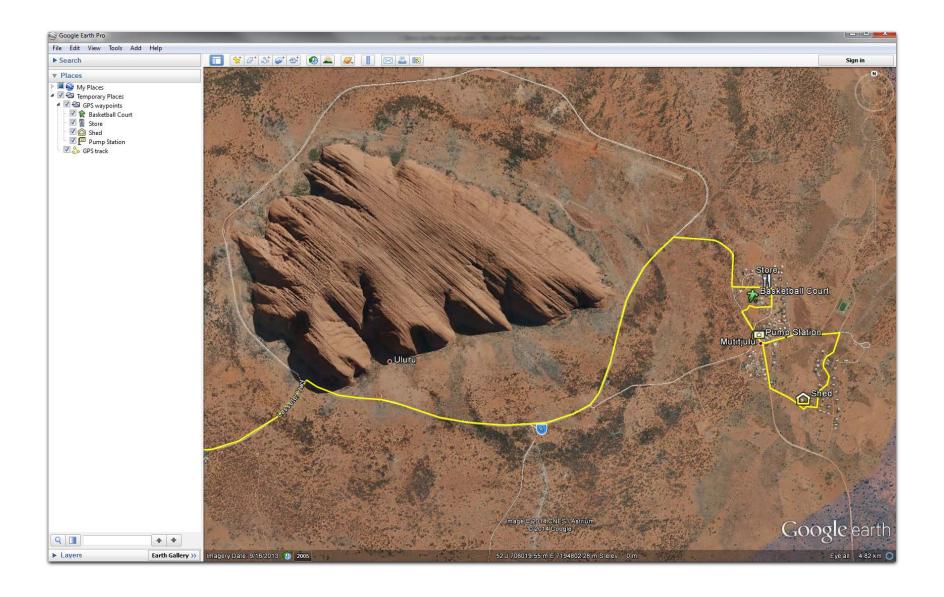




Sites Spatial Browser

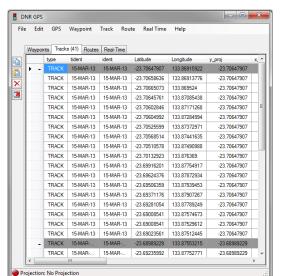


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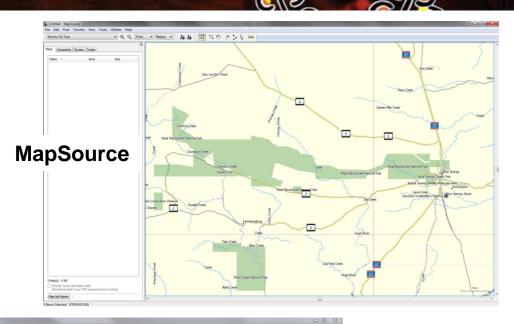


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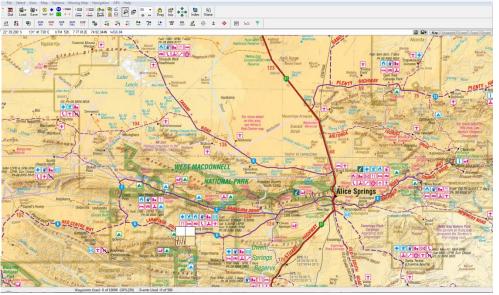
DNRGPS











OziExplorer with HEMA maps

