

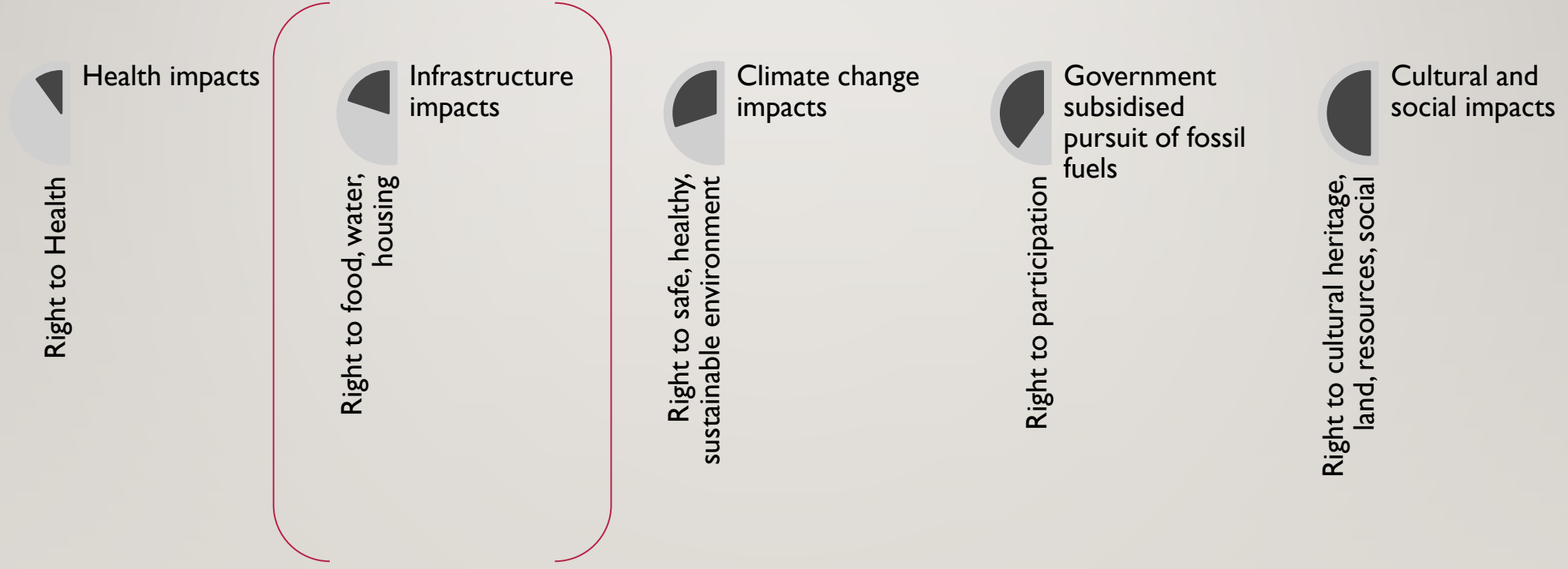
# HUMAN RIGHTS IMPACTS OF UNCONVENTIONAL GAS

AUSTRALIAN  
SESSION –  
SUBCASE 2



# SUBCASES

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# SUBCASE 2 – INFRASTRUCTURE

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The infrastructure subcase will examine

- human rights and earth rights impacts resulting from fracking infrastructures such as pipelines, compressor stations, export facilities, Liquid Natural Gas facilities, storage facilities and so on.

# TESTIMONY INVITED

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- The following is a summary of the issues associated with this subcase.
- You are invited to provide testimony or witness statements supporting this subcase.

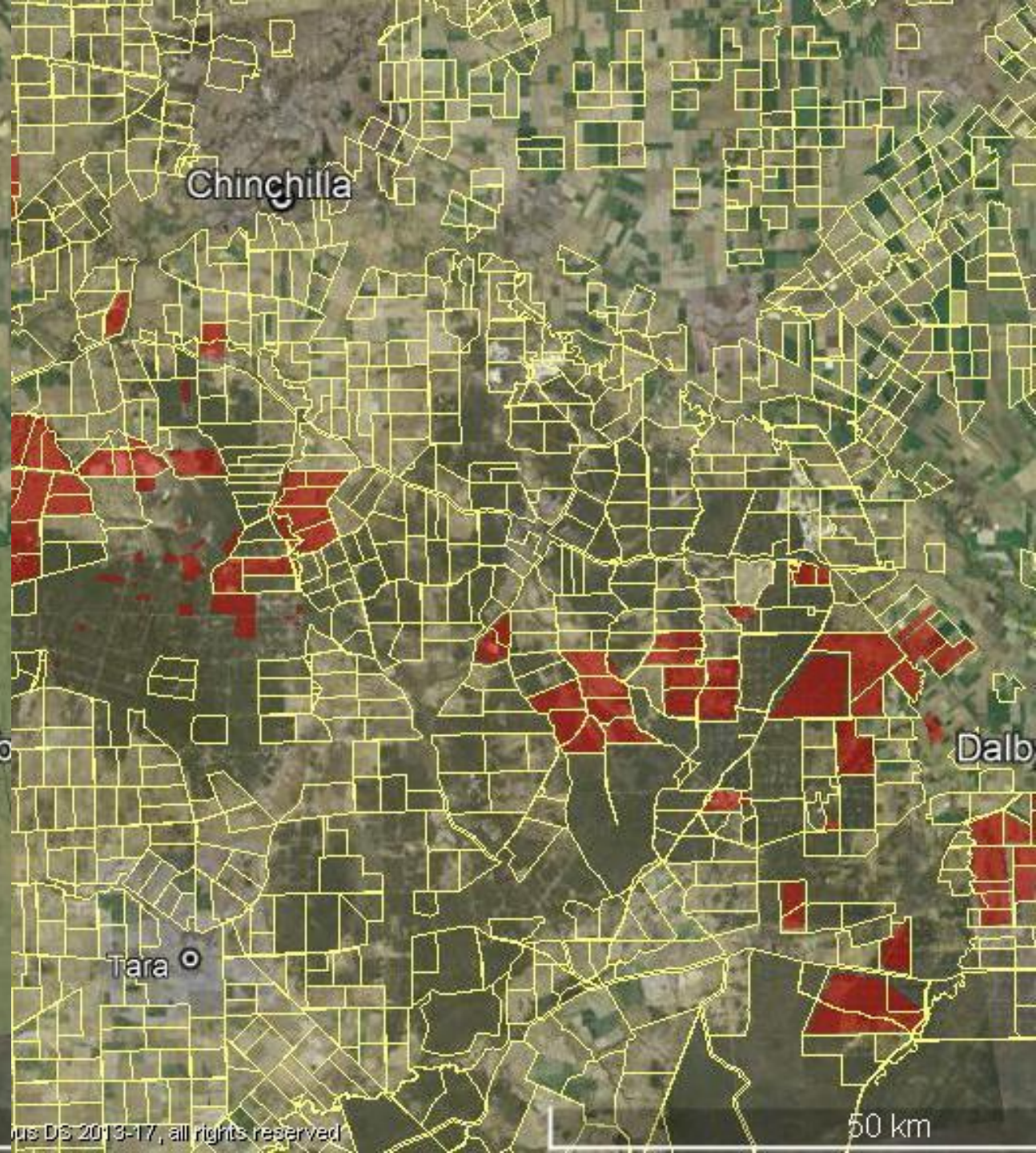
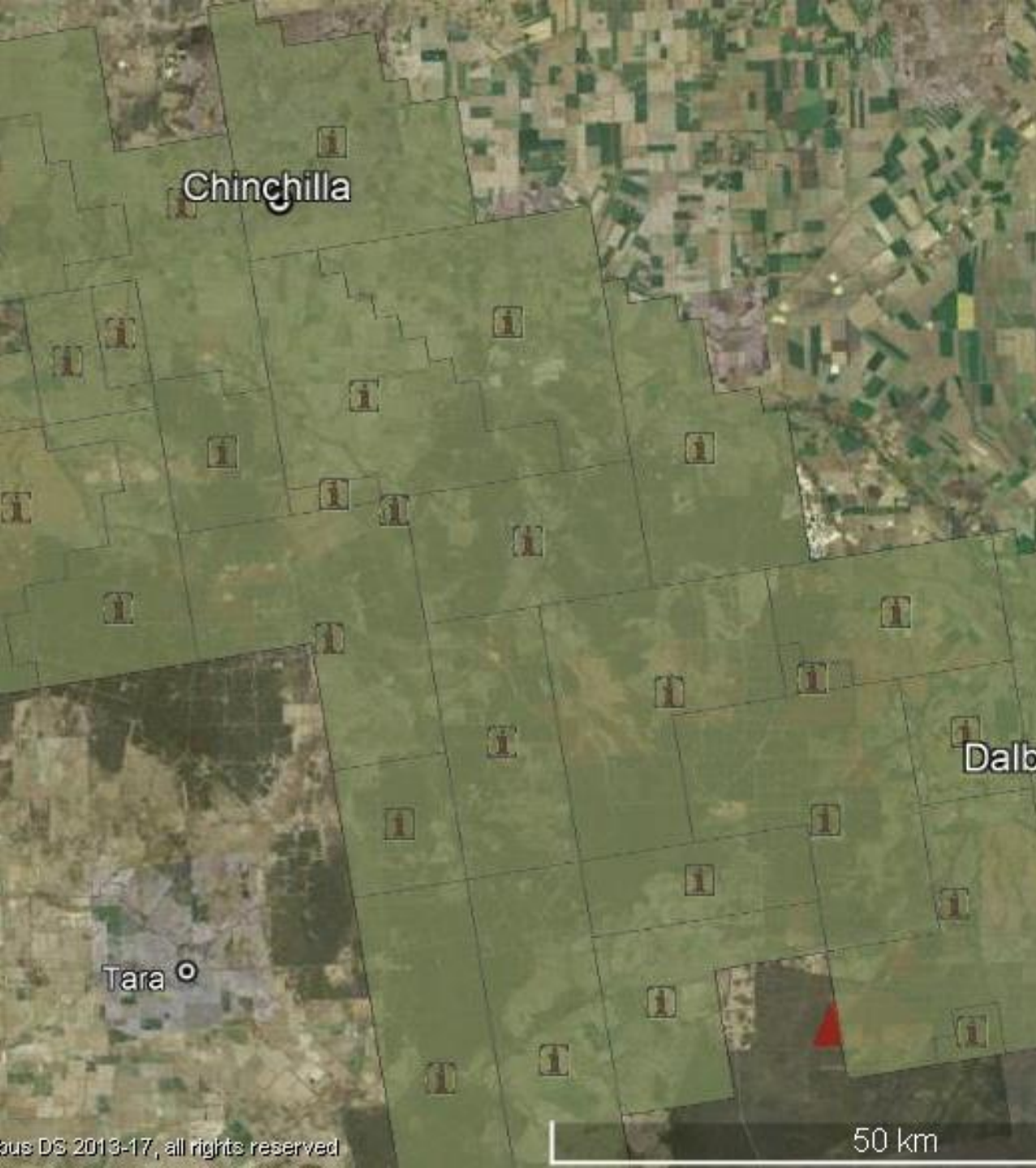
# OVERVIEW

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In summary the points the evidence to be presented includes:

- The vast infrastructure and the way it is pock marked across the landscape industrialising the rural amenity has adverse physical and economic impacts on property and property values attributable to activities and exposures associated with unconventional gas.
- Vast amount of land purchased, huge ponds and infrastructure , buyouts and walkoffs
- Infrastructure and associated noise, dust, light, traffic, loss of privacy , impact to economic viability, impact on business methods, encroachment on time compromise families ability to enjoy the use of their property
- Loss of property value attributable to impacts of the industry and practices
- Lack of design and costs margins that mean there are no valves or procedures in place to prevent the need to release 90 km worth of gas in a pipeline to enable maintenance on one valve.







# GEOSPATIAL DISPERSION

- Broader community impacts, including social, demographic, and health outcomes, differ from other developments as a result of the geospatial dispersion of gas activities and uncertainties about potential environmental impacts

Unconventional Gas Mining Inquiry 2016:  
Submission 294 QRC

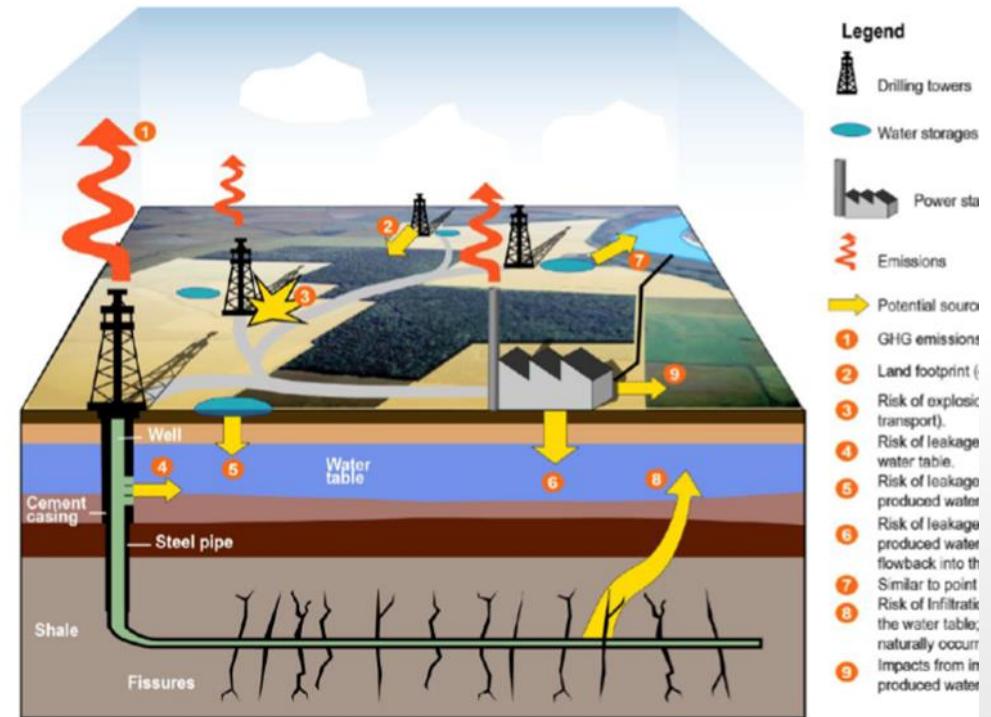


Figure 4: Schematic representation of infrastructures and potential impacts. Source: UNEP/GF 2012.







# STARTER LIST OF INFRASTRUCTURE

Activity	
Arbitrary Laying over of tenement	Prefab cement paths over pipe crossings on properties
Exploration	Access roads to and from all of the infrastructure
Surveying	Underground storage
Road and intersection works	Ponds
Water trucks transporting fresh water TO operations	Infield compressing
Waste Water trucks transporting waste water FROM operations	Pipelines and right of ways
Lease pad preparation (including clearing of vegetation)	Workers accessing properties for operational and maintenance activities
Trucks removing wood chips to unknown locations	Gas processing plants
Vehicle movements	Flares and venting
Drilling up to 6 horizontal wells from one surface well drill site	Water treatment plants
High point vents and low point drains	Work over drilling
Risers and above ground valves	Distribution / export pipelines compression and shipment
'man holes'	Telecommunication
Worker accommodation	Electricity distribution system











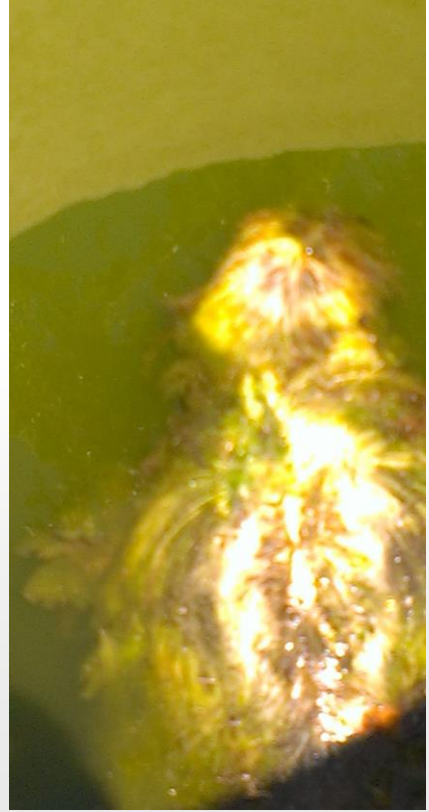














LEAKS  
SPILLS

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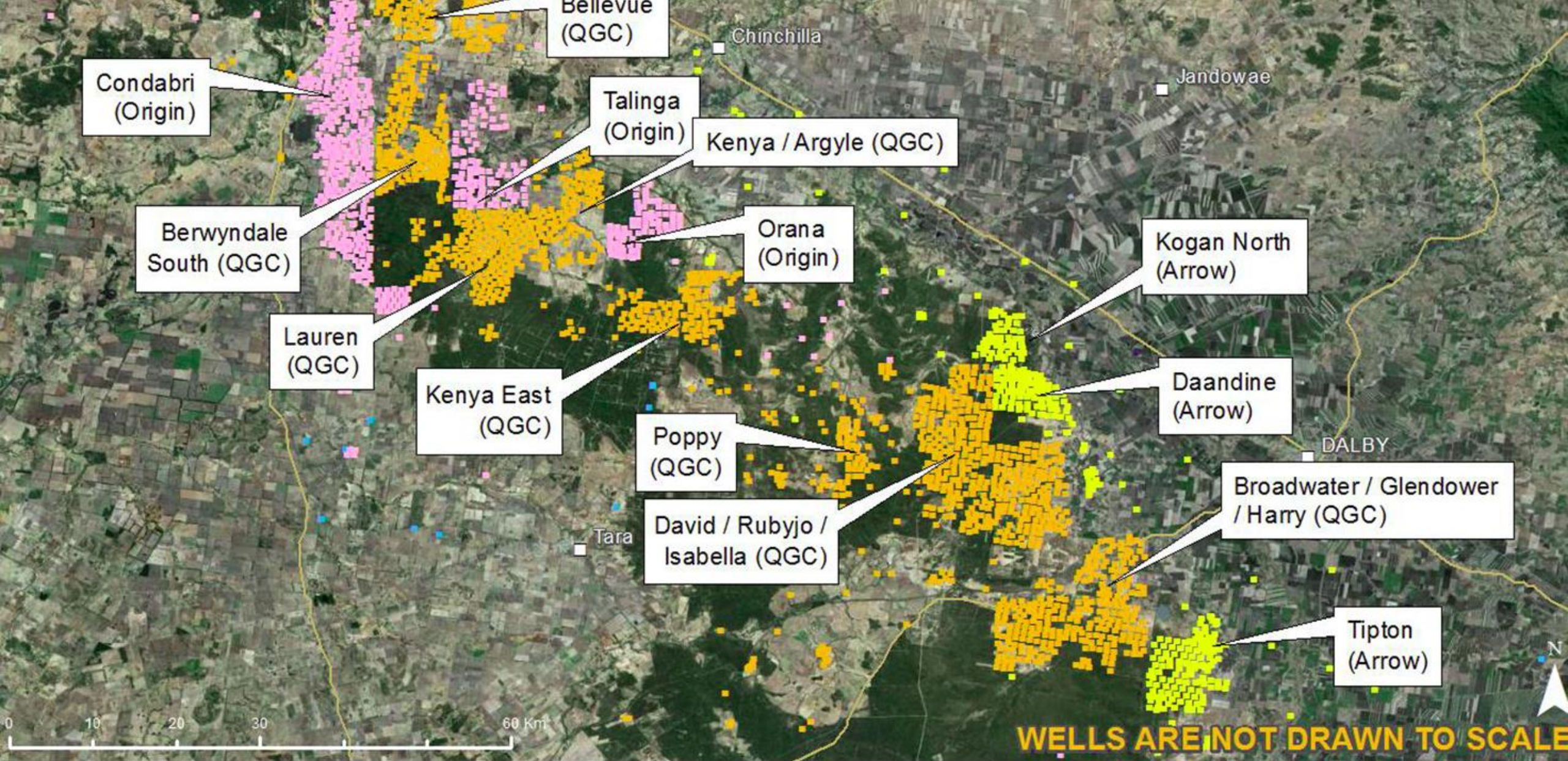












## CSG development in the Western Downs, Queensland, 2001-2014

Coal seam gas well:  Origin  QGC  Arrow  Other

— Highway

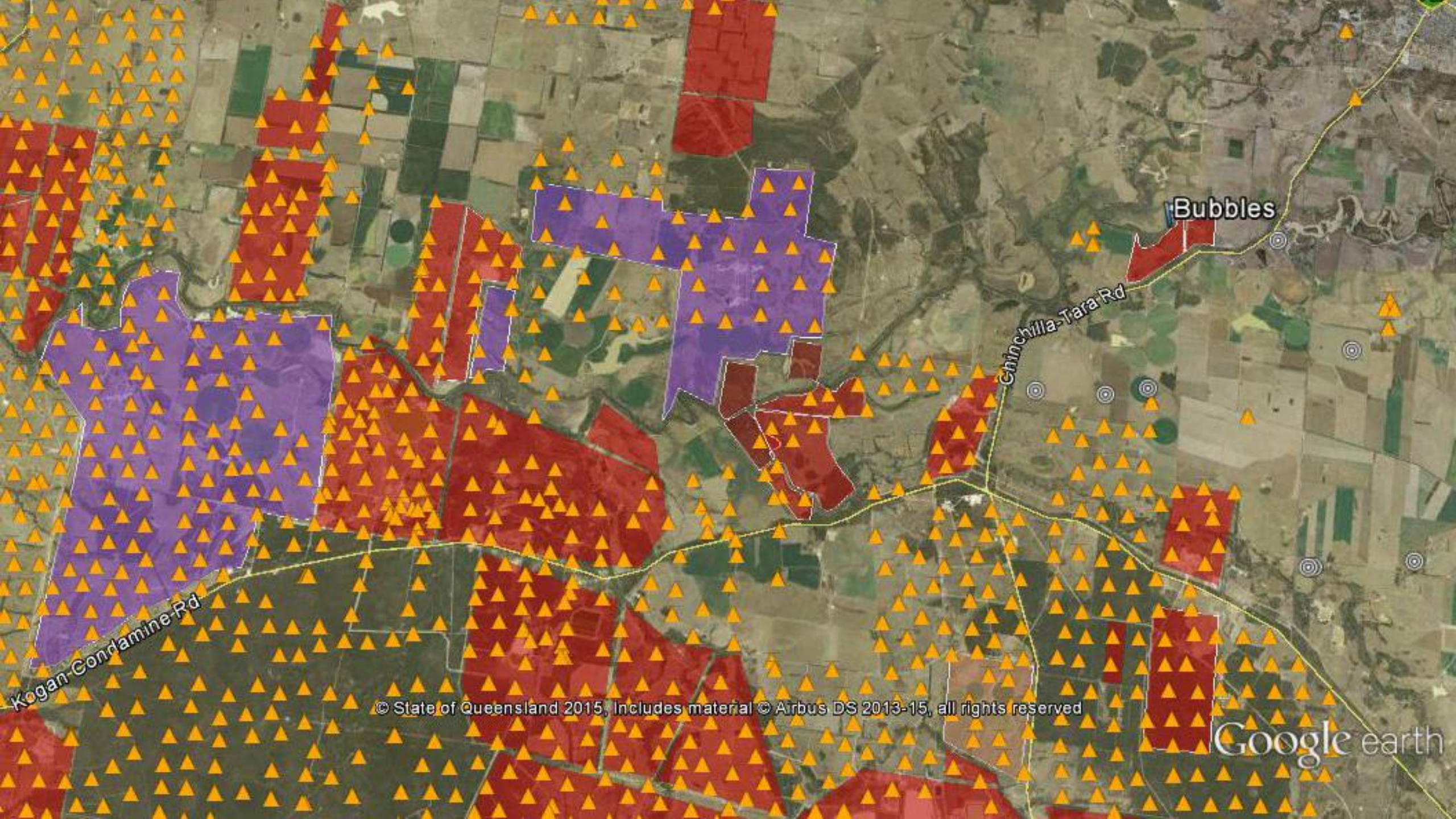
Well data © State of Queensland, Department of Natural Resources and Mines. Current April 2014



THE UNIVERSITY  
OF QUEENSLAND

SMI CCSG  
Centre for Coal Seam Gas





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Google earth



**Kicking bore**





# BUBBLING CONDAMINE RIVER

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## MASSIVE HIGH VOLTAGE POWER TRANSMISSION LINE FOR THE SOLE AND EXPRESS USE OF THE INDUSTRY

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- Industry establishes direct connections into the high voltage Transmission Electricity Network for CSG processing facilities and further solely benefit and profit privately owned companies and their shareholders
- Inappropriate planning classification ie 'community infrastructure'
- Falling outside the otherwise 'industry impact assessment'
- Required land resumption
- Impacted landholders without appropriate compensation





Image credit: Gladstone Observer 2013



Image credit: Gladstone Conservation Council 2014



## CURTIS ISLAND FLARING

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# TESTIMONY INVITED

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- This has been a brief summary of the basics of the impacts that this industry has on health.
- Please contact us to provide your testimony regarding the impact of the industry on health.



CONTACT US

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