


GeoResGlobe Layers Catalogue

 @Version 1.0.45 - September 2023 - 584 Layers represented.

 For the majority of layers, the webservice link has been provided below. This may not be available if the configured service is secured, a Globe specific service or if the layer references multiple services. Please note that [*] is a count of available sublayers rather than a reflection of the layer id.

- [Exploration permits \(22\)](#)
- [Production permits \(17\)](#)
- [Infrastructure permits \(12\)](#)
- [Information permits \(3\)](#)
- [Permit administration areas \(14\)](#)
- [GSQ Open Data Portal \(49\)](#)
- [Historical exploration permits \(25\)](#)
- [Historical production permits \(8\)](#)
- [Historical information permits \(3\)](#)
- [Historical infrastructure permits \(1\)](#)
- [Historical permit administration areas \(6\)](#)
- [Boreholes \(9\)](#)
- [Ground and surface water monitoring \(11\)](#)
- [Cadastral \(11\)](#)
- [Administrative boundaries \(16\)](#)
- [Survey control \(6\)](#)
- [Native Title \(10\)](#)
- [Unavailable land \(9\)](#)
- [Constrained land \(44\)](#)
- [Resources \(21\)](#)
- [Abandoned mines \(16\)](#)
- [Events and incident \(3\)](#)
- [Water \(13\)](#)
- [Map index \(2\)](#)
- [Structural framework \(86\)](#)
- [Structural framework \(63\)](#)
- [Geophysics \(18\)](#)
- [Geophysics imagery \(6\)](#)
- [Infrastructure \(8\)](#)
- [Analytical data \(4\)](#)
- [Elevation \(5\)](#)
- [Base maps \(11\)](#)
- [Feature actions](#)
- [Layer actions](#)

Exploration permits (22)

- [Coal \(2\)](#)
 - [EPC application](#)
 - [EPC granted](#)
- [Mineral \(4\)](#)
 - [EPM application](#)
 - [EPM granted](#)
 - [EPM special](#)
 - [EPM special application](#)
 - [EPM special granted](#)
- [Mineral development licence \(4\)](#)
 - [MDL application](#)
 - [MDL permit application](#)
 - [MDL access application](#)
 - [MDL granted](#)
 - [MDL permit granted](#)
 - [MDL access granted](#)
- [Petroleum](#)
 - [ATP application](#)
 - [ATP granted](#)

- PCA application
- PCA granted
- Geothermal (4)
 - EPG application
 - EPG granted
 - PGA application
 - PGA granted
- Greenhouse gas (2)
 - EPQ application
 - EPQ granted
- Offshore petroleum (source NOPTA) (2)
 - OEP application
 - OEP granted

Production permits (17)

- Mining claim (4)
 - MC application
 - MC permit application
 - MC access application
 - MC granted
 - MC permit granted
 - MC access granted
- Mining lease (7)
 - ML application
 - ML permit application
 - ML surface area application
 - ML access application
 - ML granted
 - ML permit granted
 - ML surface area granted
 - ML surface restricted land granted
 - ML access granted
- Petroleum lease (2)
 - PL application
 - PL granted
- Greenhouse lease (2)
 - QL application
 - QL granted
- Geothermal lease (2)
 - GL application
 - GL granted

Infrastructure permits (12)

- Mining lease infrastructure (6)
 - ML infrastructure application
 - ML infrastructure permit application
 - ML infrastructure surface area application
 - ML infrastructure access application
 - ML infrastructure granted
 - ML infrastructure permit granted
 - ML infrastructure surface area granted
 - ML infrastructure access granted
- Pipeline licence area (2)
 - PPL application area
 - PPL granted area
- Pipeline licence centre line (2)
 - PPL application centre line
 - PPL granted centre line
- Petroleum facility licence (2)

- [PFL application](#)
- [PFL granted](#)

Information permits (3)

- Petroleum survey licence (2)
 - [PSL application](#)
 - [PSL granted](#)
- Data acquisition authority (1)

Permit administration areas (14)

- Moratorium (2)
 - [Moratorium area mineral](#)
 - [Moratorium area special](#)
- Advertised area (10)
 - [Advertised area geothermal](#)
 - [Advertised area greenhouse gas](#)
 - [Advertised area petroleum](#)
 - [Advertised area coal](#)
 - [Advertised area mineral](#)
 - [Proposed advertised area geothermal](#)
 - [Proposed advertised area greenhouse gas](#)
 - [Proposed advertised area petroleum](#)
 - [Proposed advertised area coal](#)
 - [Proposed advertised area mineral](#)

GSQ Open Data Portal (49)

- Strategic Resources Exploration Program (19)
 - External reports and datasets (2)
 - [Solid geological interpretation of the central eastern fold belt \(BRC-SMI\)](#)
 - [Solid geological interpretation of the southern eastern fold belt \(BRC-SMI\)](#)
 - Geochemistry (2)
 - [Hydrogeochemistry of undercover eastern Mount Isa Province \(CSIRO\)](#)
 - [Mineral chemistry for mineral system geochemical vectoring \(CODES\)](#)
 - Geophysics (5)
 - [Cloncurry extension magnetotelluric survey](#)
 - [Camooweal deep seismic survey](#)
 - [Central Isa airborne magnetic and radiometric survey](#)
 - [Cloncurry north airborne magnetic and radiometric survey](#)
 - [Lawn Hill gravity survey](#)
 - Mineral synthesis (10)
 - [Mafic rocks in the Mount Isa region](#)
 - [NWMP deposit atlas](#)
 - [Central Mary Kathleen Domain and Landsborough Graben solid geology interpretation](#)
 - [Cloncurry mineral systems \(CSIRO\)](#)
 - [Ernest Henry camp scale study data release](#)
 - [GSQ reference collection of mineral systems in the NWMP](#)
 - [Magma fertility concepts in the Mary Kathleen Domain \(EGRU\)](#)
 - [Mary Kathleen Domain geology](#)
 - [NWMP data-driven mineral exploration and geological mapping](#)
 - [Tick Hill gold deposit \(EGRU\)](#)
- Collaborative drilling initiative rounds 1 to 10 (10)
 - [CDI round 1](#)
 - [CDI round 2](#)
 - [CDI round 3](#)
 - [CDI round 4](#)
 - [CDI round 5](#)
 - [CDI round 6](#)
 - [CDI round 7](#)

- [CDI round 8](#)
- [CDI round 9](#)
- [CDI round 10](#)
- Collaborative exploration initiative rounds 1 to 7 (7)
 - [CEI round 1](#)
 - [CEI round 2](#)
 - [CEI round 3](#)
 - [CEI round 4](#)
 - [CEI round 5](#)
 - [CEI round 6](#)
 - [CEI round 7](#)
- Map Collection (13)
 - Atlas map
 - Gemfields map
 - Geochemistry map
 - Geology map
 - Geophysical map
 - Groundwater map
 - Index map
 - Industrial rock map
 - Mine map
 - Mineral occurrence map
 - Miscellaneous map
 - Permit map
 - Resource map

Historical exploration permits (25)

- Mineral (7)
 - [Historical EPM prior to 1961](#)
 - [Historical EPM 1961 to 1970](#)
 - [Historical EPM 1971 to 1980](#)
 - [Historical EPM 1981 to 1990](#)
 - [Historical EPM 1991 to 2000](#)
 - [Historical EPM 2001 to 2010](#)
 - [Historical EPM after 2010](#)
- Coal (6)
 - [Historical EPC prior to 1971](#)
 - [Historical EPC 1971 to 1980](#)
 - [Historical EPC 1981 to 1990](#)
 - [Historical EPC 1991 to 2000](#)
 - [Historical EPC 2001 to 2010](#)
 - [Historical EPC after 2010](#)
- [Historical EPG \(1\)](#)
- [Historical EPQ \(1\)](#)
- Petroleum (8)
 - [Historical ATP prior to 1961](#)
 - [Historical ATP 1961 to 1970](#)
 - [Historical ATP 1971 to 1980](#)
 - [Historical ATP 1981 to 1990](#)
 - [Historical ATP 1991 to 2000](#)
 - [Historical ATP 2001 to 2010](#)
 - [Historical ATP after 2010](#)
- Mineral development licence (2)
 - [Historical MDL access](#)
 - [Historical MDL extent](#)

Historical production permits (8)

- Historical mining claim (2)
 - [Historical MC extent](#)
 - [Historical MC access](#)
- Historical mining lease (3)
 - [Historical ML extent](#)

- [Historical ML surface area](#)
- [Historical ML access](#)
- [Historical mineral freehold selection \(points\)](#)
 - [Historical MFS application](#)
 - [Historical MFS granted](#)
- [Historical geothermal lease \(1\)](#)
- [Historical greenhouse lease \(1\)](#)
- [Historical petroleum lease \(1\)](#)

Historical information permits (3)

- [Historical data acquisition authority](#)
- [Historical petroleum survey licence](#)
- [Historical water monitoring authority](#)

Historical infrastructure permits (1)

- [Historical pipeline licence centre line \(1\)](#)

Historical permit administration areas (6)

- [Historical advertised area \(5\)](#)
 - [Historical advertised area geothermal \(1\)](#)
 - [Historical advertised area greenhouse gas \(2\)](#)
 - [Historical advertised area petroleum \(3\)](#)
 - [Historical advertised area coal \(4\)](#)
 - [Historical advertised area mineral \(5\)](#)
- [Historical moratorium area mineral \(1\)](#)

Boreholes (9)

- [Coal boreholes](#)
- [Coal seam gas wells](#)
- [Core, cuttings held in DNRME core facilities](#)
- [Greenhouse gas wells](#)
- [Boreholes with hylogger data](#)
- [Mineral boreholes](#)
- [Petroleum wells](#)
- [Stratigraphic boreholes](#)
- [Water bores \(P&G Acts, other\)](#)

Ground and surface water monitoring (11)

- [Groundwater bores \(11\)](#)
 - [Registered water bores \[RDMW and private\] \(1\)](#)
 - [Groundwater monitoring \(8\)](#)
 - [Current water level monitoring bores \[RDMW\]](#)
 - [Past water monitoring and investigation bores \[RDMW\]](#)
 - [Water monitoring bores with near real time data \[RDMW\]](#)
 - [All mine monitoring water bores \[RDMW and private\]](#)
 - [Mine monitoring water bores with water levels \[RDMW and private\]](#)
 - [CSG monitoring water bores](#)
 - [Surat CMA underground water impact reporting monitoring bores \[RDMW and private\]](#)
 - [CSG online monitoring bores \[RDMW and private\]](#)
 - [CSG net monitoring bores \[Private\]](#)
- [Surface water monitoring \(2\)](#)
 - [RDMW open gauging stations](#)

- [RDMW closed gauging stations](#)

Cadastral (11)

- Cadastral (11)
 - Road parcel
 - [Cadastral \(DCDB\) parcel](#)
 - [Cadastral \(DCDB\) parcel > 1 ha](#)
 - [Cadastral \(DCDB\) parcel > 10 ha](#)
 - [Cadastral \(DCDB\) parcel > 1000 ha](#)
 - Lease and reserve tenure
 - Unallocated state land
 - Stock routes
 - [Travelling stock facilities](#)
 - [Proposed stock route changes for consultation](#)
 - [Stock routes](#)
 - [Stock route reserves](#)

Administrative boundaries (16)

- Block and sub-block (3)
 - [Block identification map index](#)
 - [Block](#)
 - [Sub-block](#)
- [Federal electorate](#) (1)
- [Local authority](#) (1)
- Maritime boundary (6)
 - Coastal water
 - Continental shelf
 - Exclusive economic zone
 - Scheduled area-Petroleum (Submerged Lands) Act 1967 (Cth)
 - Territorial sea
 - Torres Strait protected zone
- [Mining region](#) (1)
- [Mining district](#) (1)
- North West Minerals Province (1)
- [North West Qld Mineral and Energy Province](#) (1)
- [State electorate](#) (1)

Survey control (6)

- CORS sites (1)
- Survey control marks (1)
 - GDA coordinates (3)
 - [Datum GDA fixed by GNSS](#)
 - [Derived GDA fixed by survey](#)
 - [Derived GDA fixed by other](#)
- [Survey control-benchmark](#) (1)

Native Title (10)

- Native Title (10)
 - Representative Aboriginal and Torres Strait Islander Body (RATSIB) area (1)
 - Aboriginal and Torres Strait Islander Land (3)
 - Deed of Grant in Trust
 - ATNIL-freehold land
 - ATNIL-reserve
 - Indigenous Land Use Agreement-private (1)

- Native Title claim application (1)
- Native Title claim determination (1)
- Indigenous Land Use Agreement-expired (1)
- Indigenous Land Use Agreement -state (1)
- Land subject to Native Title-indication only (1)

Unavailable land (9)

- Unavailable land (9)
 - Commonwealth acquisition (unavailable)
 - Conservation park
 - Fish habitat area A
 - Forest reserve
 - [Fossicking area](#)
 - National park
 - Scientific purposes reserve
 - Torres Strait protection zone
 - World heritage area

Constrained land (44)

- Constrained land (44)
 - Commonwealth acquisition (constrained) (1)
 - Coordinated conservation area (1)
 - Coordinated projects – The Coordinator General (1)
 - [Designated fossicking land](#) (1)
 - DAF research site (1)
 - Endangered regional ecosystem (1)
 - Fish habitat area B (1)
 - General permission area (1)
 - MSES legally secured offset area [offset register] (1)
 - [Mining policy decision](#) (1)
 - [Miscellaneous noting](#)
 - Nature refuge (1)
 - Priority agricultural area (1)
 - Priority living area (1)
 - Queensland marine park (1)
 - Regional open space system (1)
 - Reserve (1)
 - Resources reserve (1)
 - [Restricted area](#) (1)
 - [Restricted area 384-urban](#) (1)
 - RVM category A - vegetation offsets; compliance notices; VDecs (1)
 - State development area (1)
 - State forest (11)
 - State forest
 - State forest feature protection
 - State forest park
 - State forest scientific area
 - Forest consent area
 - Forest entitlement area A
 - Forest management area
 - Quarry resource
 - Quarry resource access
 - Plantation licence area
 - Timber reserve
 - State heritage place (1)
 - Strategic cropping land (3)
 - SCL criteria zone
 - SCL criteria sub-zone
 - SCL trigger map
 - Strategic environmental area (SEA) (2)
 - SEA
 - SEA-designated precinct
 - Surat Basin transitional area (1)

- Wild rivers (repealed) (7)
 - Wild rivers designated urban management area
 - Wild rivers floodplain management area
 - Wild rivers high preservation area
 - Wild rivers nominated waterway
 - Wild rivers preservation area
 - Wild rivers sub-artesian management area
 - Wild rivers special floodplain management area

Resources (21)

- [Coal resource](#) (6)
 - Coal mine
 - Coal mine [care and maintenance]
 - Historical coal workings
 - Advanced coal project
 - Coal project
 - Coal occurrence
- [Extractive resource - KRA](#) (9)
 - [Proposed](#) (4)
 - KRA transport route proposed
 - KRA transport route separation area proposed
 - KRA resource/processing area proposed
 - KRA separation area proposed
 - [Approved](#) (5)
 - KRA transport route
 - KRA haulage corridor
 - KRA transport route separation area
 - KRA resource/processing area
 - KRA separation area
- [Mines and mineral resource - MINOCC](#) (5)
 - Mines and mineral occurrence by status (1)
 - Mines and mineral occurrence by commodity (4)
 - Operating mine
 - Care and maintenance
 - Historical workings
 - Mineral occurrence
- [Petroleum resource](#) (1)
 - Petroleum resource site

Abandoned mines (16)

- Sites (2)
 - Program sites (assessed)
 - Urban remediation areas
- Underground (6)
 - Mine openings
 - Mine openings vent (survey)
 - Mine openings
 - Mine openings remediation (survey)
 - Underground workings outline
 - Underground workings
- Surface (8)
 - Pit (point)
 - Mineral material (point)
 - Shallow working (point)
 - Pit
 - Tailings
 - Mineral material
 - Mine openings area
 - Shallow workings area

Events and incident (3)

- Active cyclone event (3)
 - Active cyclone event path
 - Active cyclone event zones
 - Active cyclone event wind areas

Water (13)

- Water plan area except GABORA (1)
- Groundwater management area except GABORA (1)
- GABORA 2017 water plan management area (1)
- Drainage basin extent (1)
- Drainage basin (1)
- Watercourse (1)
- Water feature (7)
 - Dam
 - Rockpool or rockhole
 - Waterhole
 - Waterfall
 - Coastline
 - Flat or swamp
 - Pondage area

Map index (2)

- Map index (2)
 - [1:250k map index](#)
 - [1:100k map index](#)

Structural framework (86)

- [Structural Framework all](#)
- [Structural Framework by Age or Orogen](#) (86)
 - [Jurassic-Cretaceous Basins](#) (10)
 - Carpentaria Basin
 - Clarence-Moreton Basin
 - Eromanga Basin
 - Laura Basin
 - Maryborough Basin
 - Mulgildie Basin
 - Nambour Basin
 - Styx Basin
 - Surat Basin
 - Whitsunday Province
 - [Triassic Basins](#) (6)
 - Burketown Depression
 - Callide Basin
 - Canobie Depression
 - Esk Basin
 - Ipswich Basin
 - Tarong Basin
 - [Permian-Triassic Basins](#) (9)
 - Bowen Basin
 - Calen Basin
 - Cooper Basin
 - Galilee Basin
 - Gamboola Basin
 - Lakefield Basin
 - Ngarrabullgan Basin
 - Olive River Basin

- Cape York-Oriomo Province
- [Devonian-Carboniferous Basins](#) (10)
 - Adavale Basin
 - Barrolka Depression
 - Belyando Basin
 - Bundock Basin
 - Burdekin Basin
 - Clarke River Basin
 - Drummond Basin
 - Gilberton Basin
 - Pascoe River Basin
 - Warrabin Trough
- [Centralian Superbasin](#) (1)
 - Georgina Basin
- [Basins of Unknown Age](#) (2)
 - Inorunie Basin
 - Millungera Basin
- [New England Orogen](#) (3)
 - Gympie Province (1)
 - Connors-Auburn Province (2)
 - Auburn Subprovince
 - Connors Subprovince
 - Yarrol Province (6)
 - Berserker Subprovince
 - Campwyn Subprovince
 - Grantleigh Subprovince
 - Nogo Subprovince
 - Rockhampton Subprovince
 - Stoodleigh Subprovince
 - Wandilla Province (5)
 - Beenleigh Subprovince
 - Coastal Subprovince
 - North D Aguilar Subprovince
 - South D Aguilar Subprovince
 - Yarraman Subprovince
 - Woolomin Province (2)
 - Silver Spur Subprovince
 - Texas Subprovince
 - Calliope Province (5)
 - Awoonga Subprovince
 - Capella Subprovince
 - Craigilee Subprovince
 - Erebus Subprovince
 - Philpott Subprovince
 - Marlborough Province (1)
 - Silverwood Province (1)
 - New England Orogen extent (1)
- [Mossman Orogen](#) (2)
 - Broken River Province
 - Camel Creek Subprovince
 - Graveyard Creek Subprovince
 - Hodgkinson Province (2)
 - Chillagoe Subprovince
 - Palmer-Barron Subprovince
 - Mossman Orogen extent (1)
- [Thomson Orogen](#) (8)
 - Neoproterozoic-Early Paleozoic Provinces
 - Anakie Province
 - Barnard Province
 - Charters Towers Province
 - Fork Lagoons Subprovince
 - Greenvale Province
 - Iron Range Province
 - Mount Windsor Subprovince
 - Warburton Basin
 - Thomson Orogen extent (1)
- [Proterozoic Provinces](#) (3)

- Mesoproterozoic
 - South Nicholson Basin
 - Croydon Province
 - Savannah Province
- Paleoproterozoic-Mesoproterozoic (3)
 - Etheridge Province
 - McArthur Basin
 - Mount Isa Province
- North Australian Craton extent (1)

Structural framework (63)

- [Observation points](#) (6)
 - Field Sites
 - Primary Structures
 - Tectonic Structures
 - Fossil Sites
 - Isotopic Dating Sites
 - Other Structural Measurements
- [Detailed 1:100k](#) (11)
 - [Detailed structure](#)
 - Detailed geological boundaries
 - Detailed faults and shear zones
 - Detailed folds
 - Detailed dykes veins or sills
 - Detailed markers marker beds or marker bands
 - Detailed lineaments
 - Detailed joints and fractures
 - Detailed trends and dips
 - Detailed volcanic features
 - Detailed other natural features
 - Detailed other features
 - [Detailed surface geology extent](#) (1)
 - [Detailed surface geology](#) (1)
 - [Detailed solid geology extent](#) (1)
 - [Detailed solid geology](#) (1)
- [Regional 1:500k 1:1M](#) (14)
 - [Regional geology extent](#)
 - Regional Bowen Basin extent
 - Regional Burdekin River extent
 - Regional Cape York Peninsula extent
 - Regional Carpentaria-Karumba Basins extent
 - Regional Central Eromanga Basin extent
 - Regional Georgina Basin extent
 - Regional Hodgkinson-Laura Basins extent
 - Regional Moreton Region extent
 - Regional Mount Isa Inlier extent
 - Regional Northern Eromanga Basin extent
 - Regional Northwestern Eromanga Basin extent
 - Regional Surat Basin extent
 - Regional Torres Strait extent
 - Regional Townsville Hinterland extent
 - [Regional Bowen Basin Structure](#) (1)
 - [Regional Bowen Basin Solid Geology](#) (1)
 - [Regional Burdekin River Structure](#) (1)
 - [Regional Burdekin River Surface Geology](#) (1)
 - [Regional Cape York Peninsula Structure](#) (1)
 - [Regional Cape York Peninsula Surface Geology](#) (1)
 - [Regional Carpentaria-Karumba Basins Structure](#) (1)
 - [Regional Carpentaria-Karumba Basins Surface Geology](#) (1)
 - [Regional Central Eromanga Basin Structure](#) (1)
 - [Regional Central Eromanga Basin Surface Geology](#) (1)
 - [Regional Georgina Basin Structure](#) (1)
 - [Regional Georgina Basin Surface Geology](#) (1)
 - [Regional Hodgkinson-Laura Basins Structure](#) (1)
 - [Regional Hodgkinson-Laura Basins Surface Geology](#) (1)
 - [Regional Moreton Region Structure](#) (1)

- [Regional Moreton Region Surface Geology](#) (1)
- [Regional Mount Isa Inlier Structure](#) (1)
- [Regional Mount Isa Inlier Surface Geology](#) (1)
- [Regional Nthn Eromanga Basin Structure](#) (1)
- [Regional Nthn Eromanga Basin Surface Geology](#) (1)
- [Regional NW Eromanga Basin Structure](#) (1)
- [Regional NW Eromanga Basin Surface Geology](#) (1)
- [Regional Surat Basin Structure](#) (1)
- [Regional Surat Basin Surface Geology](#) (1)
- [Regional Torres Strait Structure](#) (1)
- [Regional Torres Strait Surface Geology](#) (1)
- [Regional Townsville Hinterland Structure](#) (1)
- [Regional Townsville Hinterland Surface Geology](#) (1)
- [State 1:2M](#) (5)
 - [State Structure](#)
 - State Geological Boundaries
 - State Faults
 - State Folds
 - State Natural and Cartographic features
 - [State Surface Geology](#) (1)

Geophysics (18)

- [Airborne Geophysical Survey](#) (6)
 - Airborne Exploration Survey - Available
 - Airborne Exploration Survey - Unavailable
 - Airborne State Survey
 - Airborne Open Range Survey
 - Airborne Multi-client Survey
 - Airborne Federal Survey
- [Gravity Survey](#) (3)
 - Gravity Base Station
 - Gravity Data Station
 - Regional Gravity Survey
- [Hyperspectral Survey](#) (1)
- [Magnetotelluric Survey](#) (1)
- [Seismic Survey](#) (4)
 - Seismic Survey 2D
 - Seismic Survey 3D
 - Seismic Survey Deep
 - Seismic Survey C Horizon
- [Qld Gravity Image](#) (1)
- [Qld Magnetic Image](#) (1)
- [Qld Radiometric Image](#) (1)

Geophysics imagery (6)

- Qld TMI magnetic image
- Qld variable RTP image
- Qld variable RTP 1VD image
- Qld radiometric image
- Qld complete BA gravity image
- Seismic survey C horizon image

Infrastructure (8)

- Infrastructure (8)
 - Power stations
 - Energex network
 - Energex substations
 - Ergon network
 - Ergon substations

- Transmission network 10Km corridor
- Transmission network 30Km corridor
- Gas and water pipelines

Analytical data (4)

- Analytical Data (4)
 - [Clay and Whole Rock Mineralogy](#)
 - Clay Mineralogy Eromanga Basin
 - Whole Rock Mineralogy Eromanga Basin
 - Whole Rock Mineralogy Galilee Basin
 - Whole Rock Mineralogy Surat Basin

Elevation (5)

- Contours
- Hillshade traditional
- Hillshade multidirectional
- Mountain and Ranges (2)
 - Mountain
 - Range

Base maps (11)

- Queensland satellite imagery
- Planet (Jul - Sept 2017)
- Planet latest monthly basemap (GBR Catchments)
- Planet 2022 basemap (Statewide)
- Queensland basemap colour
- Queensland basemap grey
- Queensland basemap lite
- Queensland basemap pastel
- Queensland basemap relief
- Queensland topographic map
- World basemap grey

Feature actions

Name	What it does	Layers
Advanced Intersect Report	Finds anything that overlaps your area and creates a report in Excel.	All layers
Buffer	Can create a buffer around a boundary between - 10,000 and 10,000 metres	All layers
GSQ Open Data Portal	Searches for data and or reports associated with the selected feature/s in the GSQ Open Data Portal .	All permit layers, Report index, Boreholes, Seismic survey 2D, Seismic survey 3D, Seismic survey deep, Airborne geophysics layers, Magnetotelluric survey and Hyperspectral survey
Field Inspection Report	Creates a PDF and/or CSV of the points of an area can select whether you would like accesses and/or surface areas depending on the layer	Exploration permits-mineral development licence-application and grant Production permits-mining claim application and grant Production permits-mining lease application and grant Infrastructure permits-mining lease application and grant

Generate short report – Permit template	Creates a short report as a PDF of the attributes of a feature with a link to QDEX Reports	All permit layers except point data under historic production permits
Generate short report – Generic template	Creates a short report as a PDF of the attributes of a feature	All layers except the permit layers as above
Intersect	Finds anything that overlaps your area between - 10,000 and 10,000 metres	All layers
Intersect Topics	Uses a topic and any chosen layer/s to show intersections	All topics except the “Topography” one
Open GSQ OpenData Portal	Opens a specified website - https://geoscience.data.qld.gov.au/	Historical layers
Resource Authority Report	Creates a report from MyMinesOnline - https://myminesonlineservices.business.qld.gov.au/Web/PublicEnquiryReport.htm?permitType={PermitTypeAbbreviation}&permitNumber={PermitNumber}	Current permit layers
Zoom to feature	Zooms to a feature	All layers

Layer actions

Name	What it does	Layers
Metadata	A link to sources of data downloads like QSpatial or NNTT	Where available
Hide labels	Can toggle labels on or off	All layers
Query layer attributes	Query layers	All layers
Zoom to layer extent	Zooms to the layer	All layers
Make this the only visible layer	Toggles other layers on or off	All layers
Download seismic survey 2D stations	Opens a specified website - http://qldspatial.information.qld.gov.au/catalogue/custom/search.page?q=%22Seismic	Seismic 2D
Moratorium Area Report	Creates a PDF of relevant sub-blocks up to a specific date	Moratorium area mineral and moratorium area special
Open MyMines Online	Opens a specified website - https://myminesonline.business.qld.gov.au/suite/apps	Current and Historical permits
Open GSQ OpenData Portal	Opens a specified website - https://geoscience.data.qld.gov.au	Current and historical permits and boreholes

Open QImagery	Opens a specified website - https://qimagery.information.qld.gov.au	Satellite imagery
Open QTopo	Opens a specified website - https://qtopo.information.qld.gov.au	Topography
Open search for survey plans	Opens a specified website - https://www.titlesqld.com.au	Production and infrastructure mining leases and boreholes
Open Web Map Service	Basemaps/LatestStateProgram_AllUsers (ImageServer) (information.qld.gov.au)	Satellite imagery
	World_Imagery (MapServer) (arcgisonline.com)	World imagery – ESRI
	https://spatial-gis.information.qld.gov.au/arcgis/rest/services/Economy	Current permits
	Economy/MinesPermitsHistoric (MapServer) (information.qld.gov.au)	Historical permits
	https://spatial-gis.information.qld.gov.au/arcgis/rest/services/GeoscientificInformation	Analytical data Boreholes Geology – Detailed 1:100k Geology - Observation points Geology - Regional 1:500k, 1:1M Geology – State 1:2M Geophysics Resources Structural framework
	InlandWaters /GroundAndSurfaceWaterMonitoring (MapServer) (information.qld.gov.au)	Ground and surface water monitoring
	Boundaries/MiningAdministrativeAreas (MapServer) (information.qld.gov.au)	Block identification map index, blocks, sub-blocks, mining districts, mining regions, north west Qld mineral and energy province, survey control-benchmark, land subject to Native Title-indication only, fossicking area, general permission area, miscellaneous notings and mining policy decision
Search for resource authorities (LAMP)	A link to public searches for resource authorities: https://www.business.qld.gov.au/industries/mining energy-water/resources /minerals-coal/onlineservices/searches	Current permits, cadastre, and local authorities