



# **Guide for Exploration, Retention and Mining Licence Holders for Reporting on Exploration Activities**

**Mineral Resources (Sustainable  
Development) Act 1990**

We acknowledge and respect Victorian Traditional Owners as the original custodians of Victoria's land and waters, their unique ability to care for Country and deep spiritual connection to it.

We honour Elders past and present whose knowledge and wisdom has ensured the continuation of culture and traditional practices.

Resources Victoria is committed to genuinely partnering with Victorian Traditional Owners and Victoria's Aboriginal community to progress their aspirations.

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# Purpose

This guideline has been designed to assist Exploration, Retention and Mining Licence holders with reporting on exploration activities in accordance with the *Mineral Resources (Sustainable Development) Act 1990 (MRSDA)* and *Mineral Resources (Sustainable Development) (Minerals Industry) Regulations 2019 (MRSDMIR)*.

The document outlines requirements for digital report and data submission in Victoria. It has been developed and should be read in conjunction with the Australian requirements for the submission of digital exploration data, the national standards developed by the Government Geoscience Information Committee (GGIC). The latest version of this document can be accessed at the Australia Minerals website: [Australian requirements for the submission of digital exploration data](#)

This guideline is revised periodically. The latest version can be accessed at the Resources Victoria website: <https://earthresources.vic.gov.au/legislation-and-regulations/compliance-enforcement/reporting-expenditure/exploration-reporting-guidelines>.

## Contacts

Geological Survey of Victoria Tenement Geoscientists

Email: [gsv.mineraltenements@deeca.vic.gov.au](mailto:gsv.mineraltenements@deeca.vic.gov.au)

Geological Survey of Victoria Drill Core Library

Email: [gsv.drillcorelibrary@deeca.vic.gov.au](mailto:gsv.drillcorelibrary@deeca.vic.gov.au)

Earth Resources Regulator Returns

Email: [returns.err@deeca.vic.gov.au](mailto:returns.err@deeca.vic.gov.au)

## Summary of requirements

### Technical report – annual, partial relinquishment and final

- Technical reports must be submitted in accordance with section 116(1) of the *MRSDA* and Regulations 53 and 57 of the *MRSDMIR*.
- An annual technical report submission is required for all exploration and retention licences within 28 days after the reporting date (see Reporting date section).
- A “no work letter” can be submitted for exploration and retention licences if no exploration activities have been claimed for the reporting period. The letter must state the licence details and provide an explanation about why no work was conducted. This must be submitted within 28 days of the annual reporting date.
- A technical report submission is required for mining licences that cover more than 5 hectares when exploration expenditure has been claimed (this includes activities in the office-based activities section). This must be submitted within 28 days of the reporting date (see Reporting date section).
- A technical report may be a joint report, that is, encompass the activities related to more than one licence, if the licences:
  - are held by the same licensee,
  - are held over adjoining areas, and
  - have the same reporting date (*MRSDMIR* Regulation 57(2)).
- A partial relinquishment report is required within 28 days after a decrease in licence area. The report must provide details of all work conducted within the relinquished area, from the grant of the title to the time of relinquishment.
- A final technical report is required within 28 days after a licence has ceased to be in force. It should cover all the work done since the last technical report. If the licence has previously been joint reported, the final report should include all work done over the life of the licence. All final reports should include the reason the licence has ceased to be in force and must include any previously unsubmitted data. Please contact GSV mineral tenements for further options where joint reporting has not been for the life of the licence.

- The technical report presents a complete record of all exploration activities, the technical results and geological interpretations during the reporting period. The main report text and all appendices/attachments must be submitted in accordance with the requirements specified in this guideline and where relevant, the Australian requirements for the submission of digital exploration data.
- Submit the technical report inclusive of all attachments/appendices via the Resource Rights Allocation and Management (RRAM) portal as digital file(s) using formats specified in this guideline. For ease of submission, appendices/attachments should be included as zip file(s). Single file capacity is 25 MB, contact the tenement geoscientist email to arrange submission of larger files. Attach a file or add a note to the RRAM submission to indicate file(s) have been submitted via a separate transfer.
- A digital back-up copy of all digital information submitted should be kept by the licensee for the duration of the tenement and any subsequent tenements. This is to cover the possibility of information being corrupted during transfer to the Department, and to enable the compilation of future partial relinquishment and final reports.
- All reports must be submitted in English.

## Expenditure and activities return

An annual return of expenditure and activities must be submitted in accordance with Regulations 53 to 56 of the *MRSDMIR*.

- The expenditure & activities return lists the expenditure for the reporting period against a summary of operations.
- The return must be submitted within 28 days after the annual reporting date of the licence, that is, at the same time as the annual technical report (see Reporting date section).
- One return per licence must be completed. Do not distribute expenditure incurred on one licence in a project over all licences in the project. If expenditure in a project is incurred mainly on one licence the Minister may take it into consideration when evaluating whether other licences in the project have met their expenditure commitment (section 35, *MRSDA*). For further information contact Earth Resources Regulator.
- Submit the expenditure and activity return via the Resource Rights Allocation and Management (RRAM) portal.
- In the case that a licence has ceased to be in force, a return for the reporting period to the licence end date is required, this includes when a licence is converted to a retention or mining licence. This is to be submitted within 28 days after the licence ceased to be in force.
- All expenditure must be accurately attributed to each activity claimed.
- Excessive overhead claims are to be avoided, and substantiation of the expense (e.g., through provision of receipts) may be requested.
- Where an “Other” field is used ensure that the associated description field has adequate information to describe the activity. Common activities which may be claimed in “Other” fields include:
  - LiDAR surveys in “Other remote sensing”
  - drill sample pXRF analysis in “Drilling - other samples”
  - surface sample pXRF analysis in “Other geochemical surveying”.
- Only whole dollars should be reported.
- Where relevant, retention licence reporting requires completion of the milestone progress section of the return.
- No expenditure and activity return is required following a partial cancellation.

## Reporting date

- The annual reporting date for exploration licences and retention licences may be one of the following: 31 March, 30 June, 30 September, 31 December. The reporting date is specified after consultation with the licensee and is shown on the licence document.
- The annual reporting date for mining licences is 30 June.

## Release of information

Technical reports may be released to the public when the licence, or portion of the licence in the case of partial relinquishment reports, ceases to be in force (section 116(2) of the *MRSDA*) or, in accordance with section 116(3) of the *MRSDA*.

## Submission of samples to the GSV Drill Core Library

- Government encourages industry, academia and other interested parties to donate core and cuttings samples from drilling programs to the GSV Drill Core Library. Such material will be used to assist in future geological exploration and research activity.
- Drill core, cuttings and associated data supplied to the Department will become available to the public at time of receipt unless otherwise specified.
- Please contact [gsv.drillcorelibrary@deeca.vic.gov.au](mailto:gsv.drillcorelibrary@deeca.vic.gov.au) to discuss submission of samples or visit the website to find out more ([Drill Core Library – Resources Victoria](#)).

## Location coordinates

Geocentric Datum of Australia 1994 (GDA94) or Geocentric Datum of Australia 2020 (GDA2020) are the geodetic datums that can be used for reporting on exploration activities in Victoria. It is mandatory to submit location data and maps referenced to one of these datums and using the associated Map Grid of Australia (MGA) coordinates.

If a local grid was used, the conversion algorithm used to convert these coordinates to MGA GDA94 or GDA2020 coordinates must be provided. Both the local and MGA coordinates may be reported together but MGA coordinates are mandatory.

## Maps and plans

All maps and plans must:

- be suitable for black and white reproduction
- be at a scale related to the standard metric map series (i.e., 1:250 000, 1:100 000, 1:50 000, 1:25 000, 1:10 000, 1:5 000, 1:2 000, 1:1 000 or 1:500)
- use metric measurements throughout
- have a metric bar scale
- have an MGA grid with coordinates clearly labelled (see location coordinate requirements)
- state the projection and datum used (see location coordinate requirements)
- have a north point (grid, true and magnetic north) or orientation of sections
- have a clear and comprehensive legend
- be clearly annotated and labelled including licence number(s)
- show licence boundaries or an appropriate inset map
- show the author, acknowledged sources and date of drafting.

# Technical Report

The technical report must contain information of sufficient scope and detail to substantiate expenditure claimed and the activities conducted within the reporting period. This should include complete and consistent records of all geoscientific activities undertaken, the information obtained, the technical results and geological / geophysical interpretation of exploration during the reporting period.

The report should include digital attachments / appendices inclusive of all information necessary to satisfactorily evaluate and interpret activities conducted. This includes all raw and processed data, consultant reports, laboratory reports, certified reference material information, maps, plans, figures, images that aren't included in the text of the report or other files that serve to effectively detail and substantiate work completed.

File format requirements for the report text, and all attachments and appendices are included in the individual exploration activity sections and in the Report file requirements section of this guideline. Please refer to the relevant sections when preparing files for submission as this will ensure compliant file types are submitted. The submission of exploration information in the specified digital format is mandatory as it allows accessibility and useability of the information in the future and ensures critical metadata are captured.

## Report structure

The components of the technical report are as follows:

### 1. Report text in pdf format inclusive of:

- Title page
- Table of contents
- Licence details
- Summary of activities for the reporting period
- Exploration index map
- History and exploration rationale
- Geology
- Work completed during reporting period (include sections based on activities conducted)
- Previously unsubmitted data
- Conclusions and recommendations
- References

Tables and figures should be included in this file where appropriate. They must conform with the requirements set out in the Maps and plans section and be labelled and referenced in the table of contents.

Do not embed other files or hyperlinks within the technical report (website references are accepted).

The report text inclusive of the above categories is a mandatory requirement if exploration activities have been conducted and claimed in the associated expenditure and activities return for the period.

### 2. Attachments / Appendices:

Attachments / appendices are mandatory in circumstances that require further information / data provision for a complete record of activities.

These files must be provided in an acceptable format as per the Report file requirements section and may include maps, plans, figures, images, photographs, data files, consultant reports or any other file that details activities to adequately substantiate exploration activity claimed in the expenditure and activity return for the corresponding period.

# Report content requirements

## Title page

The title page must include all information as outlined in Table 1.

**Table 1: Title Page Example**

Licence Number/s <i>(listed in increasing numerical order if joint reporting)</i>	
Project Name <i>(if applicable)</i>	
Type of Report <i>(annual, partial relinquishment or final)</i>	
Reporting Period	<i>(dd/mm/yyyy) to (dd/mm/yyyy)</i>
Author(s)	
Licensee Name <i>(and ABN if applicable)</i>	
Report Date	
Primary Mineral(s) to be Explored	

## Table of contents

The table of contents must list:

- a) all sections within the report text
- b) figures/plans/plates/maps
- c) tables
- d) appendices/attachments.

## Licence details

Include the following:

- all relevant dates pertaining to the licence including date of grant, period of validity, partial cancellations, joint venture arrangements, title transfers, or any other relevant activities
- where relevant, include reference to earlier licence numbers such as amalgamated or relinquished titles that covered the same area.

## Summary of activities for the reporting period

Briefly outline the exploration activities as claimed in the expenditure and activity return for the period with a brief description of findings and interpretations.

Provide a summary table with key details of the exploration activities undertaken during the reporting period. An example is provided in Table 2. This can be modified to capture all information for the specific work conducted. Note: If joint reporting, ensure the activities are divided by tenement.



**Table 2.** Summary of Activities Example

EL007003	Exploration Activity 1 (e.g., drilling)	Drilling Type	
		Number of holes	
		Total Metres	
		Number of Samples	
EL007004	Exploration Activity 2 (e.g., airborne geophysics)	Survey Type	
		Line km	
EL007004	Exploration Activity 3 (e.g., geochemical sampling)	Sample Type	
		Number of Samples	

For partial relinquishment and final reports where the licence has been previously joint reported, this section should include a review of all exploration activities and significant results for the full life of each licence (or the relinquished area/s in the case of partial relinquishments) and include a brief summary of reasons for the area being cancelled/relinquished or the licence ceasing to be in force.

## Exploration index map

Include an exploration index map or maps at an appropriate scale illustrating the areas surveyed during the reporting period.

Map(s) must conform to the standards in the Maps and plans section and may be generated using the Department's online geospatial software GeoVic ([GeoVic – Resources Victoria](#)).

## History and exploration rationale

Include:

- relevant exploration history any historical mining information
- mineral(s) and deposit type(s) sought
- exploration targets
- exploration rationale and philosophy
- proposed work program and details of progress against it. Briefly summarise any reasons for deviation from the proposed work program, such as reprioritisation of activities based on findings, or any barriers to progress.

If relevant, include:

- details of existing infrastructure relevant to the project
- context of the licence in relation to other parts of a project or other licences
- important results or findings from previous reporting years.

## Geology

Describe the regional geology including the geological province, sub-province or basin, the major tectonic, structural, stratigraphic and lithological features and an overview of the regional geological context.

Provide details of the current understanding of the prospect-scale geology and mineralisation with reference to how this applies to the mineral(s) and deposit type(s) being targeted.

Include a geological map of the area which shows relevant features as well as the licence boundary.

Geological maps should distinguish between geological fact and interpretation by symbol or by separate maps. All maps must fulfil the criteria outlined in the Maps and plans section. Map(s) can be generated using the Department's online geospatial software GeoVic ([GeoVic – Resources Victoria](#)).

It is acknowledged that the information in the geology section may not change each reporting period and it is acceptable to submit the same information as a previous year if there are no changes.

## Work completed during reporting period

All activities claimed in the expenditure and activity return for the reporting period must be substantiated in accordance with this guideline and where relevant the Australian requirements for the submission of digital exploration data. This can be accomplished by structuring the technical report in sections by exploration topic and then prospect/region with clear reference to any associated attachments / appendices.

### Office-based activities

Provide a description of all office-based exploration activities carried out on the tenement(s) during the reporting period using sub-headings that align with claims made in the associated expenditure and activity return.

Where work has been conducted on multiple tenements, clearly identify the licence(s) subject to that activity.

Provide details of all important findings or interpretations and any products generated (e.g., maps, plans, figures, illustrations, tables, reports, data) where relevant.

### Literature search

#### ***In the text of the report***

Include details of relevant information such as the aim of the study or the initial hypothesis, a summary of the findings, whether the goal was achieved, how the findings of the search can be implemented within the context of the project, how the findings contribute to the understanding of the area, or any other relevant information.

#### ***Attached file(s)***

Include a full list of all references consulted at the end of the report or as a pdf attachment. If attaching separately, refer to it in the report text and in the table of contents.

### Database compilation

#### ***In the text of the report***

Provide full details of data compiled into database(s). State if database compilation is related to data generated from current work such as drilling or surface geochemical sampling or if the compilation is relating to work done using historical information, clarifying what the compilation activities entailed. State whether the compilation was completed or is still in progress and where relevant, include the estimated time for completion.

#### ***Attached file(s)***

Append copies of digital databases, scans and any relevant historical plans in formats defined in the Report file requirements section, referencing these files in the report text and in the table of contents.

### Computer modelling

#### ***In the text of the report***

Detail the purpose of modelling and the information being modelled (e.g., drilling data, geophysical surveying results). Discuss the results of the modelling; this may be included in the text of the report or as appended consultant report(s) in pdf format. Ensure any appended information is referenced in the text and in the table of contents.

Provide the following information:

- details of software and version used
- description of the input datasets and constraints
- model extents in MGA, GDA94 or GDA2020 (latitude/longitude can also be included)
- local grid transformation data if required.

#### ***Attached file(s)***

Provide sufficient files to regenerate the models such as points, lines, surfaces and volumes in accordance with the file formats specified in the Report file requirements section. All data should be provided in the native format of the model in addition to one of the accepted formats.

For geophysical inversion, provide images (calculated, observed, or residual) in accordance with the Maps and plans section.

## **Reprocessing of data**

### ***In the text of the report***

Provide details of the data that was reprocessed including relevant information such as the aim and the result of the activity. Describe the results of any interpretation performed and provide any accompanying maps/images either in the text of the report or as attachment(s) with reference to this in the text and the table of contents.

### ***Attached file(s)***

If not provided in the technical report, attach any data or maps/images generated as per the requirements set out in the Report file requirements section.

## **General research**

### ***In the text of the report***

Detail the research conducted, including relevant information such as the aim and the result of the activity acknowledging all sources of information.

### ***Attached file(s)***

Any files generated from this activity are to be included as attachment(s) and referenced in the report text and table of contents.

## **Geological and geophysical interpretation**

### ***In the text of the report***

Provide full details of all geological and geophysical interpretations. This may include interpretations of mineralisation trends, exploration vectors specific to the tenement, relationships between mapped geology and geophysical survey information, and so on.

Interpretations can be made from pre-existing information and/or information captured during the current reporting period. Datasets interpreted should be described in the text and formally referenced. Where data is acquired, reported and interpreted in the same reporting period, either include the interpretation in this section and refer to the section(s) of the report with related information/data or provide as a discussion within the relevant section(s).

If any anomalies are identified, provide a discussion of what constitutes an anomaly and how anomalies relate to geophysics, geochemistry, geology and drilling results.

Any maps/plans/cross sections/figures generated can be inserted into the report or appended separately, they must conform with the Maps and plans section.

### ***Attached file(s)***

If not provided in the technical report, attach any maps/plans/cross sections/figures generated as per the requirements set out in the Report file requirements section and refer to the file(s) in the text of the report and table of contents.

## **Mineral resource and ore reserve information**

### ***In the text of the report***

Include all details of any mineral resource and/or ore reserve estimation activities completed during the reporting period. Clearly identify if the resource/reserve estimate has been reported in accordance with the JORC Code.

Mineral resource or ore reserve estimates should be provided in a summary table which can be updated on an annual basis. If the estimate is being reported in accordance with the JORC Code, a JORC Table 1 should be included as an attachment and referenced in the report text and table of contents. When extensions of the mineralisation have been identified and the updated mineral resources and ore reserves have been estimated, the additional data used for the updated estimations must be provided.

If a JORC Table 1 is not supplied, provide a description of the method and basis of calculations, including:

- a table of significant results
- plans and sections showing significant results and ore blocks and ore outlines in accordance with the Maps and plans section
- software and version used

- geostatistical techniques used for the grade interpolation
- cut-off grades and other physical/chemical properties used and how they were derived
- details of, and quantification of, the type of drillhole intercepts or pits or bulk sampling used
- any other determining factors used in the estimation (e.g., overburden, specific gravity).

#### **Attached file(s)**

- Any mineral resource or ore reserve reports generated (whether by consultants or internally)
- JORC Table 1 (if applicable)
- any relevant modelling data (points, lines, surfaces and volumes) as defined in the computer modelling section of this guideline.

#### **Other office studies**

All other office-based activities that don't fit under the above headings can be claimed and described in the "Other Office Studies" category of the expenditure and activity return and included in this section of the technical report.

Include all information and any associated files relating to this office-based exploration work to substantiate the claim made in this section. Claims may include activities such as work plan preparation, low impact exploration applications or other meaningful work that contributed to exploration on the licence(s).

#### **Airborne exploration surveys and remote sensing**

Airborne exploration surveys and remote sensing includes but is not limited to: aerial photography, satellite or airborne multispectral / hyperspectral scanner, LiDAR, radar, and airborne geophysics.

Technical standards for airborne magnetic and radiometric data acquisition, processing and supply are provided by Geoscience Australia ([Goodwin, 2023](#)).

#### **In the text of the report**

Provide a summary of the intention of the survey or the purchased dataset, its specifications, location and relationship to any other exploration work on the tenement.

Provide a map or plan showing the survey location(s) with coordinates and all details as per the Maps and plans section.

Describe the results and interpretations in this section or in the geological and geophysical interpretation section.

#### **Attached files**

Supply all acquisition files, accompanying metadata and reports as delivered by the contractor in accordance with the Report file requirements section and the guidance provided in the Australian requirements for the submission of digital exploration data.

Attached files must contain the following general survey information:

- located data in MGA, GDA94 or GDA2020 and latitude/longitude
- field data
- processed data
- gridded data
- a logistics and processing report of the survey fully describing the acquisition, and processing and parameters for the survey, including:
  - specifications of surveys and instruments, together with order of accuracy and units of measurement so that another operator can extend or re-interpret the survey. Provide conversion factors for any units outside the SI system
  - survey specifications; survey type, date, contractor, parameters recorded and instruments used
  - all drift/diurnal/tie corrections applied and calibration constants and null values defined
  - calibration parameters, procedures and any quality control products
  - any additional location/navigational data
  - observers logs detailing any significant cultural or geographic features that may affect results.

## Airborne geophysical surveys

In addition to the above, provide:

- altitude, line and tie spacing, line orientation, mean terrain clearance, aircraft type
- cross-referencing of flight, line, date, aircraft, field data and test data.

## LiDAR surveys

Provide:

- mosaic of the LiDAR derived DEM raster in full resolution in TIFF format. The preferred TIFF format is Cloud Optimised GeoTIFF
- individual .las or .laz LiDAR files for the survey area
- individual LiDAR derived DEM files that were used for the creation of the mosaiced DEM
- individual LiDAR derived contour files or a mosaiced Contour file. (Note: not available for all LiDAR projects)
- boundary file of the LiDAR survey in the format of a shapefile
- spatial index file showing the individual extents for the individual LiDAR file in the format of a shapefile
- a metadata/logistics report including details of the following:
  - survey description
  - survey area
  - vertical datum
  - horizontal datum
  - map projection
  - spatial accuracy (RMSE) (for vertical and horizontal)
  - average point density
  - LAS Specification version as referenced in [https://www.asprs.org/wp-content/uploads/2019/07/LAS\\_1\\_4\\_r15.pdf](https://www.asprs.org/wp-content/uploads/2019/07/LAS_1_4_r15.pdf)
  - LAS Classification Levels as reference in [https://www.icsm.gov.au/sites/default/files/2017-03/LiDAR\\_Specifications\\_and\\_Tender\\_Template.pdf](https://www.icsm.gov.au/sites/default/files/2017-03/LiDAR_Specifications_and_Tender_Template.pdf).

If an ortho-photo is acquired, a copy of the image as a geo-referenced ECW should be provided.

If the data are protected by copyright laws that prevent inclusion of contour maps or image prints, then submit a detailed interpretative plan.

## **Geological mapping**

### ***In the text of the report***

Provide details of all mapping conducted inclusive of reconnaissance, prospect, regional and underground activities. The purpose and scale of the mapping should be detailed with a discussion of the results, including any interpretations or models. Where reconnaissance activities were conducted but no maps were produced, clearly explain the activities and the outcomes of the work. It is essential to acknowledge geological information used on maps and in the text that is not the result of original work.

### ***Attached file(s)***

#### Maps

All maps must:

- comply with all relevant information in the Maps and plans and Location coordinates sections
- include all relevant surface geology, structure, stratigraphy, alteration, mineralisation, mineralogy, weathering or any other information captured
- include graphical and/or alphabetical symbols for rock units and show relevant geographical features (where a complicated system of abbreviations is used, an index in the text of the report can be included)
- distinguish between geological “fact” and interpreted geology (where relevant)
- be in a format as defined in the Report file requirements section of this guide.

## Mapping data

All unprocessed mapping data are to be supplied as flat TAB-delimited ASCII MRT file(s) with a suffix of .txt as generated by the latest version of the MRT software. This software can be downloaded from the Resources Victoria website.

Mapping activities not accompanied by geochemical sampling are to be reported in a Surface Location template (SL4) that captures all field observations and measurements. If geochemical or other sampling was conducted during mapping, a Surface Geochemistry template (SG4) is to be populated, inclusive of field observations and measurements (see Geochemical sampling section for further details).

Requirements for the specific data being reported are summarised in Table 3. Note, the reference files on the Resources Victoria website are in .xlsx format, they are designed for informational purposes.

**Table 3. Mapping Data Mineral Reporting Template**

Template Name	Template	Data Type
Surface Location - Mapping	SL4	Surface point locations: mapping point data Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8) Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 1 (drilling information can be ignored)

If both drilling and mapping were conducted during the reporting period, include the data in separate SL4 templates that clearly identify the data being submitted.

If codes are used in the MRT file(s), include a separate look-up file with translations (.csv or .txt).

GIS file submission is not mandatory. If data is supplied, ESRI shape files or Mapinfo tab files are accepted.

## **Ground geophysics**

Ground geophysics includes but is not limited to: magnetic, gravity, electromagnetic and electrical methods, and in-situ surface observations (e.g., hyperspectral, magnetic susceptibility, electrical conductivity).

Petrophysical and geophysical log data should be submitted as per requirements defined in the drilling and associated downhole data section.

Refer to [Murray & Tracey, 2001](#) and [Tracey, R.M., Bacchin, M. & Wynne, P., 2007](#) for guidance and standards for ground gravity surveying.

### ***In the text of the report***

Provide a summary of the intention of the survey or the purchased dataset, its specifications, location and relationship to any other exploration work on the tenement.

Provide a map or plan showing the survey location(s) with coordinates as per the Maps and plans section.

Describe the results and interpretations in this section or in the geological and geophysical interpretation section, noting this is where the information has been included.

### ***Attached files***

Supply all acquisition files, accompanying metadata and reports as delivered by the contractor in accordance with the Report file requirements section and the guidance provided in the Australian requirements for the submission of digital exploration data.

Attached files must contain the following general survey information:

- located data in MGA, GDA94 or GDA2020 and latitude/longitude
- field data
- processed data
- gridded data

- a logistics and processing report of the survey fully describing the acquisition, and processing and parameters for the survey, including:
  - specifications of surveys and instruments, together with order of accuracy and units of measurement so that another operator can extend or re-interpret the survey. Provide conversion factors for any units outside the SI system
  - survey specifications; survey type, date, contractor, parameters recorded and instruments used
  - all drift/diurnal/tie corrections applied and calibration constants and null values defined
  - calibration parameters, procedures and any quality control products
  - any additional location/navigational data
  - observers logs detailing any significant cultural or geographic features that may affect results.

#### Ground electrical surveys

In addition to the above, provide:

- any data recorded on terrain conditions, nature of ground, quality of electrical contacts and extent of drifts to enable another operator to extend or reinterpret the survey
- profiles, sections and pseudo-sections showing observed and processed data.

#### Ground gravity surveys

In addition to the above, provide:

- station number, coordinates as per the Location coordinate section, ellipsoidal elevation (specify datum), geoidal elevation (specify datum), observed gravity (specify datum)
- where applicable, methods, parameters and terrain model used to calculate the terrain correction
- the methods and parameters used to calculate the Bouguer anomalies
- information about the stations used to tie the survey to the Australian Fundamental Gravity Network.

### **Geochemical sampling**

Geochemical sampling activities include but are not limited to: rock chip, soil, stream sediment, calcrete, water, gossan or mineralisation, bulk, air, vegetation, whole rock samples, and costeaning.

#### ***In the text of the report***

Provide full details of all geochemical sampling activities (excluding drilling related assays, see Drilling section). Sufficient detail is required to allow for reproduction or re-interpretation.

Include:

- program rationale and design parameters – type and numbers of samples, general location, grid orientation, line and sample spacing (where relevant)
- field sampling procedures including
  - material sampled (include if rock chips are outcrop or float samples)
  - method of collection
  - sample weight
  - sampled depth (soil horizon, if applicable)
- sample processing such as sieving and fraction analysed, sample concentration (heavy mineral separation), filtering and acidifying, etc.
- laboratory and/or portable XRF (pXRF) details
- analytical procedures: assay description including extraction/digestion techniques and methods of analysis. Include the number of elements, oxides, isotopes analysed by each method
- where relevant, number of samples analysed by each method
- QAQC details, including geochemical standards, blanks, duplicates, etc (not inclusive of laboratory inserted material)
- details of processed data and the processing technique

Provide a discussion and interpretations of the results, highlighting the location of any anomalies identified and peak results of the target element(s). Detail any relationships to other components of the exploration program. Interpretations can be included in this section or in the geological and geophysical interpretation section.

Include sample locations on base map(s) with relevant geological and geographical features and all other information as per the Maps and plans section. Sample numbers are required where appropriate.

**Attached file(s)**

All unprocessed rock chip, soil, stream sediment, calcrete, water, gossan or mineralisation, bulk, air, vegetation, whole rock, costean or other geochemical sampling data (except drilling) are to be supplied as flat TAB-delimited ASCII MRT files with a suffix of .txt as generated by the current version of the MRT software. This software can be downloaded from the Resources Victoria website.

Geochemical activities are to be reported in Surface Geochemistry template(s) that include geochemical analysis and all other information captured such as lithology, weathering, mineralogy, etc. QAQC data are to be reported in quality control template(s).

For costeans, data can be accommodated in the surface geochemistry template(s) if giving locations for each individual sample along the costean, or by considering the costean as a horizontal drillhole and using the drilling templates (e.g., SL4, DG4, DL4, etc. - see drilling section).

Mineral sands exploration activities will include mineralogy, grain size fraction, analysis of indicator or other minerals, results of bulk sampling, as relevant.

Where relevant, include mineralogy, petrology, isotope, geochronology, palaeontology information in the data.

Requirements for the specific data being reported in MRT file(s) are summarised in Table 4. Note. the reference files on the Resources Victoria website are in .xlsx format, they are designed for informational purposes.

**Table 4. Geochemical Data Mineral Reporting Templates**

Template Name	Template	Data Type
Geochemical Sampling - Laboratory	SG4	Geochemical sampling data from the laboratory Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8) Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 2
Geochemical Sampling – Portable XRF	SG4_PXRF	Portable XRF geochemical sampling data Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8) Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 9
Geochemical Sampling Quality Control - Laboratory	SQG4	QA/QC file for geochemical standards, blanks, field duplicates analysed at the laboratory Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8) Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 4
Geochemical Sampling Quality Control – Portable XRF	SQG4_PXRF	QA/QC file for geochemical standards, blanks, field duplicates analysed by pXRF Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)

Include all below detection data as a negative of or less than the detection limit (e.g., -1 or <1). Where results are returned above the detection limit, include as greater than the detection limit (e.g., >100).

If codes are used in the MRT file(s), include a separate look-up file with translations (.csv or .txt).

Provide original laboratory assay files and all available certified reference material certificates in .pdf format.



## Drilling

### ***In the text of the report***

Provide full details of all exploration drilling and related activities. Sufficient detail is required to allow for reproduction or re-interpretation.

For mining licences, include all exploration drilling inclusive of drill holes designed resource/reserve definition but not drilling within blocks of proven ore for the purposes of mine planning/grade control.

Include:

- drilling method(s)
- drilling company or companies
- rationale, target(s), type(s) of mineralisation
- design parameters e.g., number of holes and metres drilled inclusive of traverse and hole intervals where relevant
- details of all downhole logging conducted. This includes but is not limited to: all downhole geological, geophysical, petrophysical, groundwater, mineralogy, petrology, metallurgical information.
- sampling method(s)
- sample preparation techniques
- laboratory and/or portable XRF details
- analytical procedures: assay description including extraction/digestion techniques and methods of analysis. Include the number of elements, oxides, isotopes analysed by each method.
- number of samples analysed by each method
- QAQC details, including geochemical standards, blanks, duplicates, etc (not inclusive of laboratory inserted material)
- details of any processed data and processing technique(s)

Provide a discussion and interpretations of the results, highlighting the location of any anomalies identified and peak results of the target element(s). Detail any relationships to other components of the exploration program. Interpretations can be included in this section or in the geological and geophysical interpretation section.

Include labelled drillhole locations on base map(s) with relevant geological and geographical features in addition to all other information as per the Maps and plans section.

Provide cross sections inclusive of highlighted significant results and with geological interpretations where relevant. The location of any sections should be marked on a coordinated-scaled map that complies with requirements listed in the Maps and plans section. Note: Sections/maps can also be provided as attached file(s) as per the Report file requirements section, they are to be referred to in the report and table of contents.

Provide a summary of any photographs or digital images of chips and/or core submitted.

### ***Attached files***

All unprocessed drilling data are to be supplied as flat TAB-delimited ASCII MRT files with a suffix of .txt as generated by the current version of the MRT software. This software can be downloaded from the Resources Victoria website.

It is mandatory that collar and downhole survey files be provided for all drilling regardless of whether any downhole logging and/or sampling were conducted. All downhole geological / geophysical logs and geochemical data (inclusive of QAQC) acquired are to be supplied in relevant templates (table 5).

Mineral sands exploration activities will additionally include mineralogy, grain size fraction, analysis of indicator or other minerals, results of bulk sampling, as relevant.

For costeans, data can be accommodated in the drilling templates by considering the costean as a horizontal drillhole, or in the surface geochemistry template(s) if giving locations for each individual sample along the costean (see Geochemical sampling).

All raw data files for petrophysical and geophysical logging are required. Refer to Table 7 for further file format requirements relating to petrophysical and geophysical log data.

Include mineralogy, petrology, isotope, geochronology, palaeontology information in downhole data file(s) as relevant.

Requirements for the specific data being reported in MRT files are summarised in Table 5. Note. the reference files on the Resources Victoria website are in .xlsx format, they are designed for informational purposes.

**Table 5. Drilling Data Mineral Reporting Templates**

Template Name	Template	Data Type
Drillhole Location - Collar (Mandatory)	SL4	Surface point locations. E.g., drill collars, mapping point data  Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)  Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 1
Downhole Survey (Mandatory)	DS4	Downhole directional survey  Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)  Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 5
Downhole Logging (referred to in Australian requirements as downhole lithology)	DL4	Downhole logs. <u>All</u> geological, petrophysical and geophysical downhole data. Multiple DL4 files can be provided.  Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)  Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 6
Downhole Geochemistry - Laboratory	DG4	Downhole geochemistry from a laboratory  Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)  Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 3
Downhole Geochemistry Quality Control – Laboratory	DQG4	QA/QC file for capturing geochemical standards, blanks, field duplicates analysed at the laboratory  Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)  Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 4
Downhole Geochemistry – Portable XRF	DG4_PXRF	Portable XRF downhole geochemistry (to be revised and updated in the future)  Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)  Refer to the Australian requirements for the submission of digital exploration data Sections 2.4.1, 3 and Appendix 1: Example 10
Downhole Geochemistry Quality Control – Portable XRF	DQG4_PXRF	QA/QC file for capturing downhole geochemical standards, blanks, field duplicates analysed by pXRF  Refer to the examples provided on the Resources Victoria website for minimum metadata and data requirements (Table 8)

Include all below detection data as a negative of or less than the detection limit (e.g., -1 or <1). Where results are returned above the detection limit, include as greater than the detection limit (e.g., >100).

If codes are used in the MRT file(s), include a separate look-up file with translations (.csv or .txt).

Provide original laboratory assay files and all available certified reference material certificates (.pdf).

Where not provided in the text of the report, include cross sections in accordance with the Report file requirements section.

Core photographs/images are to be provided in digital form as an appendix or attachment(s) to the report as per the Report file requirements section (Table 7).

## **Mineralogy, petrology and other studies**

### ***In the text of the report***

Studies including but not limited to: mineralogy, petrology, isotope, palaeontology and geochronology should be described in the text of the report with a discussion of the results and any interpretations.

Sample location coordinates are to be included in the text of the report. Where relevant, sample locations should be plotted on appropriate plan(s) in accordance with the Maps and plans section. If provided as separate file(s), ensure compliance with the Report file requirements section and that reference is made in the text of the report and table of contents.

### ***Attached file(s)***

Include relevant consultants report(s), images, figures or other files in formats as per Report file requirements.

Refer to the Geochemical Sampling and Drilling sections for data reporting requirements. Additionally, for hyperspectral data refer to section 2.4.12 of the Australian requirements for the submission of digital exploration data.

Contact the mineral tenements team for further advice if required.

## **Other subsurface evaluation**

### ***In the text of the report***

Detail any sub-surface exploration activities conducted which are not appropriately represented by the previous categories. Include relevant information such as the type of investigation or activity, aim or purpose, methodology, results, samples taken and analysis types. This category applies to activities such as:

- bulk sampling
- bulk sample mill process testing
- mineral processing and related studies
- shaft or underground development in an exploration context
- subsurface geophysical surveys
- subsurface sampling - laboratory, whole rock, mineral, isotopic, petrology or other analysis
- other subsurface activities not covered above in an exploration context.

### ***Attached Data File Requirements***

If applicable provide:

- relevant consultant report(s) in .pdf format as per the Report file requirements section
- unprocessed data generated is to be supplied as flat TAB-delimited ASCII MRT files with a suffix of .txt as generated by the current version of the MRT software. This software can be downloaded from the Resources Victoria website.
- original laboratory assay files and all available certified reference material certificates in .pdf format
- geophysics data and information in accordance with the Ground geophysics section.

Contact the mineral tenements team for further advice if required.

## Environment / Rehabilitation

### ***In the text of the report***

Provide a summary of the following information:

- details of all operations that disturbed the surface, vegetation or waterways and effect on the environment
- measures taken to avoid damage and protect flora / fauna
- details of the rehabilitation works undertaken
- details of any proposed follow-up work, such as maintenance or monitoring of rehabilitation

Provide topographic plan(s) compliant with the Maps and plans section showing the location of any surface disturbing operations.

### ***Attached file(s)***

Attached data files may include:

- relevant consultant report(s) in .pdf format as per the Report file requirements section
- photographs that comply with file format requirements included the Report file requirements section
- maps/plans/figures in accordance with the Maps and plans and the Report file requirements sections.

## Other technical and economic studies (Retention Licences)

### ***In the text of the report***

Provide a summary of all activities on a Retention Licence which are categorised as technical and economic studies. Technical and economic studies comprise:

- development of the mineral resource – this may include but is not limited to activities such as preliminary metallurgical studies, geotechnical studies, or other resource definition studies
- demonstrating economic viability – this may include but is not limited to studies and activities such as feasibility studies, scoping studies or other studies relating to the economic viability.

### ***Attached file(s)***

If applicable provide:

- relevant consultant report(s) in .pdf format as per the Report file requirements section
- any relevant data as per the Accepted File Types provided in Table 7.

## Previously unsubmitted data

Provide a summary of data relating to activities undertaken during the current period which have not been submitted. List data submitted with this report that was previously unsubmitted from an earlier reporting period.

## Conclusions and recommendations

Summarise the main results and conclusions drawn from the activities conducted during the reporting period. Outline how these results connect to or build upon any previous work conducted and how it contributes to the geological understanding of the area.

Detail any recommendations for further work and describe any proposed future exploration programs.

In the case that the licence (or any part thereof) has ceased to be in force, provide reason(s) for this.

## References

References should follow the format of these examples:

AUSTRALIAN GOVERNMENT. 2023. Critical Minerals Strategy 2023–2030. Department of Industry, Science and Resources. pp. 64

AUSTRALIAN MINERAL FOUNDATION, 1999. Australian geoscience, minerals and petroleum thesaurus (4th edition.). Australian Mineral Foundation Inc. Adelaide, S.A.

BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS, 1989. Symbols used on geological maps. Commonwealth of Australia.

## Report file requirements

A digital copy of the technical report must be submitted, hard copies are no longer accepted. Reports must be clearly labelled as Annual Technical Report, Partial Relinquishment Report or Final Technical Report.

### File naming conventions

File names should conform to the conventions listed in Table 6.

**Table 6. File Naming Conventions**

Name Convention	Description	Example
Tenement id	Identifier for the tenement. For joint reports, list EL, RL, MIN in increasing numerical order	EL007001 or EL007001-RL006050-MIN007000
YYYYMM	Six-digit report date representing year and month	202406
##	Two-digit sequential integer for each file	01
{Information type}	The information type contained in the file	Technical-Report
.eee	File suffix as shown in Table 7	.pdf

#### Examples:

EL007001\_202406\_01\_Technical-Report.pdf

EL007001\_202406\_02\_Appendix-1\_Geology-Map.tif

EL007001\_202406\_03\_VICSG4\_Soil2024.txt

### Accepted file type summary

**Table 7. Accepted File Types Summary**

Data Type	Description	Format	Suffix
Report Text	Report text inclusive of figures, tables, maps embedded Consultant reports Any other reports submitted to substantiate activities claimed	Portable document format (PDF) with thumbnails	.pdf
Maps, Plans, Figures	Files of maps, plans, figures, cross sections. Maps must be at original scale Reproducible at 300 dpi, 24 bit	PDF, TIFF, JPEG, GIF, PNG	.pdf, .tif, .jpg, .gif, .png
Photographs not embedded in report text	Core photographs, aerial photographs, etc. Reproducible at 300 dpi	Cloud Optimised GEOTIFF/GEOTIFF/TIFF (colour), PDF, JPEG, PNG	.tif, .pdf, .jpg, .png
Tabular Data	Point locations inclusive of mapping and drillhole locations, all downhole drilling data inclusive of directional surveys, downhole geochemistry, downhole geological / geophysical / petrophysical logs, geochemical sampling, heavy mineral, subsurface exploration data, etc.	Tab-delimited ASCII	.txt
	Logging translation code file	Tab-delimited ASCII or CSV	.txt, .csv
Laboratory Certificates, Certified Reference Material Certificates	Original laboratory reports/certificates of results Certified reference material certificates	PDF	.pdf

Data Type	Description	Format	Suffix
GIS data	Data in GIS format	ESRI files, MapInfo files	.shp with .shx, .dbf, tab, .map, .id, .dat
Video Clips	Fly-throughs, etc.	Video standards MPEG AVI	.mpg, .avi
Computer Modelling	3D geological modelling Geophysical inversion and numerical simulation modelling (all data in native formats should also be supplied)	Points - DXF, CSV, GoCAD	.dxf, .csv, .vs
		Lines - DXF, GoCAD	.dxf, .pl
		Surfaces - DXF, GoCAD	.dxf, .ts
		3D grids / volumes – UBC grid or GoCAD Voxet	.msh with .den or .sus or .vo
Geophysics (other than seismic) - for example, magnetics, radiometrics, EM, GPR, DTM and gravity data)	Raw and processed located data in ascii format (all data in proprietary/native formats should also be supplied)	ASEG GDF2	.dat with .des, .dfn
		ASEG .ESF	.esf
		ASCII	.txt
	Gridded data (ascii grid or open-source binary grid)	ER Mapper grid	.ers
		ASEG/Geosoft GXF format grid	.gxf, .grd
Seismic Data	Raw and processed data	SEG Y	.sgy
		SEG D	.sgd
	Navigation data	UKOOA P1/90	.uka
	Processed sections (for further information, see petroleum data submission guidelines at Geoscience Australia)	CGM+ format with metadata (line number, shotpoint number)	.cgm
		Geophysical image formats as above	.tif, .jpg, .gif, .pdf, .png
Petrophysical and geophysical log data	Raw and processed wireline and MWD data (for further information, see petroleum data submission guidelines at Geoscience Australia)	DLIS, LIS, LAS	.lis, .las
		Delimited ASCII (format must be explained) WELLOGML (POSC standard)	.asc, .txt
	Log plots	PDF, TIFF (colour) TIFF (greyscale) JPEG, GIF, PNG	.pdf, .tif, .jpg, .gif, .png, .tif
	Processed downhole velocity data	SEG Y	.sgy
Hyperspectral Point data	Reflectance data	Georeferenced FOS, ASD, SDF, SDS	.fos, .asd, .sdf, .sds
Hyperspectral Image data	Reflectance data	Georeferenced BSQ, BIL or BIP image format	.bsq, .bil, .bip
LIDAR data	Raw data	Georeferenced LAS (or .laz)	.las, .laz
LiDAR DEM	Mosaic of LiDAR derived DEM	Cloud optimised GEOTIFF/TIFF	.tif
Geophysical and other remotely sensed images	Images derived from geophysical or remote sensing surveys	Cloud optimised GeoTIFF/GEOTIFF/TIFF (colour), TIFF (greyscale), compressed ER Mapper, JPEG, GIF, PDF, PNG	.tif, .ecw, .jpg, .gif, .pdf, .png

## Mineral Exploration Reporting Templates (MRT)

Table 8. Reference MRTs available on the Resources Victoria website

Template Name	Template	Example Template with Instructions - File Name	Example Blank Template - File Name	Data Type
Surface Location - Mapping	SL4	GSV_VICSL4_MAPPING_Example.xlsx	GSV_VICSL4_MAPPING_Blank_Example.xlsx	Surface point locations: mapping point data (leave drilling information fields blank)
Geochemical Sampling - Laboratory	SG4	GSV_VICSG4_S-GEOCHEM_Example.xlsx	GSV_VICSG4_S-GEOCHEM_Blank_Example.xlsx	Geochemical sampling data - Laboratory
Geochemical Sampling – Portable XRF	SG4_PXRF	GSV_VICSG4_S-GEOCHEM-PXRF_Example.xlsx	GSV_VICSG4_S-GEOCHEM-PXRF_Blank_Example.xlsx	Geochemical sampling data - Portable XRF
Geochemical Sampling Quality Control - Laboratory	SQG4	GSV_VICSQG4_S-QAQC_Example.xlsx	GSV_VICSQG4_S-QAQC_Blank_Example.xlsx	QA/QC data for geochemical sampling - Laboratory: standards, blanks, field duplicates
Geochemical Sampling Quality Control – Portable XRF	SQG4_PXRF	GSV_VICSQG4_S-QAQC-PXRF_Example.xlsx	GSV_VICSQG4_S-QAQC-PXRF_Blank_Example.xlsx	QA/QC data for geochemical sampling - Portable XRF: standards, blanks, field duplicates
Drillhole Location - Collar (Mandatory for all drilling)	SL4	GSV_VICSL4_DH-COLLAR_Example.xlsx	GSV_VICSL4_DH-COLLAR_Blank_Example.xlsx	Drill collar data
Downhole Survey (Mandatory for all drilling)	DS4	GSV_VICDS4_DH-SURVEY_Example.xlsx	GSV_VICDS4_DH-SURVEY_Blank_Example.xlsx	Downhole directional survey data
Downhole Logging (referred to in Australian requirements as downhole lithology)	DL4	GSV_VICDL4_DH-GEO_Example.xlsx	GSV_VICDL4_DH-GEO_Blank_Example.xlsx	Downhole logs. All geological, petrophysical and geophysical downhole data. Multiple DL4 files can be provided
Downhole Geochemistry - Laboratory	DG4	GSV_VICDG4_DH-GEOCHEM_Example.xlsx	GSV_VICDG4_DH-GEOCHEM_Blank_Example.xlsx	Downhole geochemical data - Laboratory
Downhole Geochemistry – Portable XRF	DG4_PXRF	GSV_VICDG4_DH-GEOCHEM-PXRF_Example.xlsx	GSV_VICDG4_DH-GEOCHEM-PXRF_Blank_Example.xlsx	Downhole geochemical data - portable XRF
Downhole Geochemistry Quality Control – Laboratory	DQG4	GSV_VICDQG4_DH-QAQC_Example.xlsx	GSV_VICDQG4_DH-QAQC_Blank_Example.xlsx	Drilling QA/QC data - Laboratory: geochemical standards, blanks, field duplicates
Downhole Geochemistry Quality Control – Portable XRF	DQG4_PXRF	GSV_VICDQG4_DH-QAQC-PXRF_Example.xlsx	GSV_VICDQG4_DH-QAQC-PXRF_Blank_Example.xlsx	Drilling QA/QC data - Portable XRF: geochemical standards, blanks, field duplicates

# Glossary

Abbreviation	Description
ASCII	American Standard Code for Information Interchange
ASEG	Australian Society of Exploration Geophysicists
DEECA	Department of Energy, Environment and Climate Action
DEM	Digital Elevation Model
DTM	Digital Terrain Model
EL	Exploration Licence, a Victorian tenement with the EL prefix
ERR	Earth Resources Regulator
ESRI	Company name - Proprietary software, geographic information system
GDA2020	Geocentric Datum of Australia 2020
GDA94	Geocentric Datum of Australia 1994
GGIC	Government Geoscience Information Committee
GIS	Geographic Information System
GSV	The Geological Survey of Victoria
JORC	Joint Ore Reserve Committee
LiDAR	Light Detection and Ranging
Mapinfo	Company name - Proprietary software, geographic information system
MGA	Map Grid of Australia
MIN	Mining Licence, a Victorian tenement with the MIN prefix
MRSDA	Mineral Resources (Sustainable Development) Act 1990
MRSDMIR	Mineral Resources (Sustainable Development) (Mineral Industries) Regulations 2019
MRT	Minerals Reporting Template (also referred to as mineral exploration reporting template)
POSC	Petrotechnical Open Software Corporation
pXRF	Portable X-Ray Fluorescence
QA	Quality Assurance
QAQC	Quality Assurance & Quality Control
QC	Quality Control
RL	Retention Licence, a Victorian Tenement with the RL prefix
RMSE	Root Mean Square Deviation
RRAM	The Resource Rights Allocation and Management portal
SI	SI units, from the International System of Units
TMI	Total Magnetic Intensity
WellogML	A standard for web-based exchange of digital well log data
XRF	X-Ray Fluorescence



