

## **Checklist for Reporting under the *NT Mining Act***

### **Title page**

- must include separate electronic contact details for those responsible for technical content and expenditure
- must state title holder, operator (if different from titleholder), report title including type of report using the exact words: annual, group annual, combined annual and final, partial relinquishment, final surrender, core sampling
- must include dates of reporting periods for annual reports as a “from and to” date or as the year ending on a specific date; partial relinquishments and final surrenders need a “date to”
- must include all the titles involved, either a personal author, corporate author or both, target commodities, date of report, 250 000K and 100 000K mapsheets, confirm GDA94 datum and give MGA zone (52 or 53)

### **Report text**

- must be in .pdf format, must be text selectable for copying, but security set to prevent editing; image-only .pdf documents are not acceptable

### **Summary**

- must be in freeform text .pdf, no bullets, no special characters, no tables, paragraphs, headings or other formatting, no hyperlinks; do not reference figures or tables from the summary
- exploration must specify target commodity and exploration rationale, must include reference to prospects/mines etc by name
- must quantify the work undertaken (eg 23 RAB holes were drilled for 920 m and 300 samples); aerial geophysical surveys should be described with the total line kilometres and percentage in each title; line spacing and flight height should be specified
- mining must specify production, resources, reserves for each orebody even if these haven't changed
- if no work was undertaken, the summary must say why not and when work will resume
- a report on grouped titles must specify which titles were worked and which were not, with reasons

### **Literature review and capture of previous data**

- legacy data captured must be in the same format as new data acquired (see below)

### **Drilling**

- must include a map, preferably as a georeferenced image, showing drillholes in relation to title and located using GDA94 MGA grid coordinates
- data must be digital in prescribed format, number of holes and total metres drilled, type of drilling and intervals, hole collar locations in GDA94 MGA grid coordinates, hole orientation data, geological interpretations of drilling (eg fence diagrams, 3D models)
- all exploration drilling data must be supplied, but only representative grade control data is required

### **Surface geochemistry, water chemistry and vegetation sampling**

- must include a map, preferably as a georeferenced image, showing sample locations in relation to title and GDA 94 MGA grid coordinates

- data must be digital in prescribed format, must have GDA94 MGA grid locations, type of sample, sampling method (eg mesh size for soil samples, composite or individual rock chips); files to be tab delimited ASCII or using CGGC/GGIC template and saved as .txt file; include standards and blanks, detection limits and units, laboratory code and job number

### **Downhole geochemistry**

- must have drillhole name and "from and to" sample depths; geochemical data as per surface geochemistry

### **Resources and reserves**

- must be restated for each ore body in each report even if they haven't changed, must state degree of compliance (eg JORC or equivalent)

### **Production**

- must be given in SI units (not ounces)

### **Downhole logging**

- must include geological logs as images and/or text files; if codes are used, they need to be supplied with each report
- must include downhole geophysical logs as LAS files

### **Geophysics**

- must include a map, preferably as a georeferenced image, showing location of survey in relation to title and GDA94 MGA grid coordinates
- must include survey type, contractor(s) for acquisition and processing
- must quantify work undertaken (eg line km and height, percentage in each title)
- must include new data as GDF
- reprocessed data must be as geolocated images
- PIMA data or similar may be submitted in propriety file formats (eg FOS) only if accompanied by equivalent generic ASCII format

### **Remote sensed imagery**

- hyperspectral data must be submitted digitally as reflectance-level data with all associated geocorrection files (ie full 125/128 bands as .bil files, with accompanying .hdr header files and corresponding geocorrection information in .img and .glt files),
- georeferenced digital mineral maps are also to be presented
- data should be supplied to the Department on archival quality gold DVDs or a non-returnable portable hard disc compatible with the MS Windows operating system

### **Partial relinquishment**

- must give block designation of area relinquished, must provide reasons for selection of ground to be relinquished, must include summary of all work done on portion relinquished
- all relevant data must be in appropriate formats, even if supplied before
- ask for waiver to avoid cookie-cutting geophysics if the relinquished portion is only a small area or discontinuous areas
- core from area relinquished must be offered to the Department

### **Final surrender**

- summary must say why title was surrendered and quantify all work undertaken during life of the title

- ALL data for the life of the lease has to be supplied in the appropriate format even if it has been given previously in annual reports
- if continuing tenure (eg SEL), this must be clearly specified and two final reports will be required if only some of the area is to be surrendered
- core from area surrendered must be offered to the Department

### **Core sampling reports**

- required within 6 months after sampling
- must ensure that the results can be matched back to the sampled material using original hole numbers and depths
- must be a text .pdf file and include a title page with mandatory electronic contact details; must clearly state the rationale behind the sampling and include a summary presenting the results and interpretations
- numerical data (assays etc) must follow the same digital data formats as other statutory reports under the *Mining Act*
- if a leaseholder is sampling material from what is now their current tenure, this must be stated and the title number provided to ensure confidentiality of information

### **Expenditure**

- must use the prescribed form, saved as a .pdf file for submission
- must be in Australian dollars relative to the date of grant
- in the case of continuing tenure as an SEL or ERL, or in the case of final surrender of an EL, the final year expenditure on the EL(s) must not be overlooked
- expenditure can only be claimed for capture of legacy data if that data is provided to the Department