

SAMPLING GUIDELINES

The Data Metallogenica economic geology information system contains rock and ore samples representative of mineral deposits around the world. Samples of two types are stored in different ways, mini samples in *Lithotheque* sets and hand specimens in *Macrotheque* sets.

Lithotheque sets consist of A4-sized aluminium plates housed library-style on slotted shelves. Each plate contains up to 20 small, permanently attached, specimens.

Macrotheque sets consist of hand specimens, housed loose in rack-mounted drawers.

- Small fist-sized samples are requested, though smaller specimens of special importance should also be included.
- Twenty samples are needed to fill one lithotheque plate. Some deposits may extend to multiple plates. Where only a small number of samples are available these are still a valuable addition to the collection and will be welcomed.
- Samples should typify the deposit setting and represent the spread of variation seen. Wherever possible, specimens should embrace the range of ore types, host rocks, alteration, and weathering expression present. Drill core is very acceptable.
- Each sample should be separately wrapped (newspaper is OK) and clearly labelled.
- Friable samples should be bagged or put in containers.
- Each sample should be named (e.g. biotite-altered tonalite) and located (e.g. North Orebody, 19 level).
- A sample location map and any other map or written data descriptive of the deposit would be much appreciated.
- A strong box should be used for shipping, best reinforced with fibre tape or string.

NOTE: AUSTRALIAN QUARANTINE REGULATIONS ARE VERY STRICT, PLEASE:-

1. Ensure samples are free of surface soil and organic contamination (wash if necessary).
2. Do not use boxes which have previously contained fruit or vegetables.
3. Label despatch boxes "*washed ores and rocks free of soil and surface contamination*", and "*research materials, no commercial value*".

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