



The MAGSAM® is housed in a stainless steel casing to provide a robust and convenient geochemical sampling method. The MAGSAM® is 20 cm long, with a 3 cm diameter barrel and innovative shield to prevent sample "ride-up" and contamination. The magnetic lag fraction can be easily deposited into a conventional kraft soil sample packet. Magnetic lags represent a standard geochemical method, commonly used in stream sediment sampling with potential applications to regional soil/MAGLAG sampling programs in Australia and overseas (**Case Histories are on the website**).

Major Advantages Include:

- Compact size and increased field strength compared with conventional magnets.
- Samples a common medium (maghemite and associated Fe hydroxides) across a changing regolith terrain.
- Potentially increases anomaly size and decreases geochemical "noise" affording confidence in a much wider sample spacing.
- Potential applications to partial digestion techniques analysing for Au & PGE plus a multielement suite.
- Small sample size required - 10 to 20 gm (even for low level Au analyses) helping to minimise freight costs and potential customs/quarantine problems for overseas jobs.
- Can be used underwater in stream sediment sampling programs.
- Low cost - **MAGSAM®3000 - A\$480 & MAGSAM®5000 - A\$640 (plus GST).**

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