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Multi species assays
Four potential predator species were screened.

Management planning
Samples required classification before additional investigations were undertaken. Biodiversity management, construction timelines and penalty costs presented signficant risks.

Rapid results
Samples were transported to the laboratory and analysed with 24hrs as priority.

Sustainability
Operations demonstrated a practical commitment to proactive biodiversity and species management.

CLIENT: NEWCREST MINING
PROJECT: Cadia Mine Scat analysis

Pre-start ecological survey for a mine pit extension at *Cadia* (Gold and Copper) identified potential Quoll scats. eDNA Australia was commissioned by Newcrest Mining to select appropriate assays to determine the species of origin. The potential for the proposed clearing zone to represent active Quoll habitat presented an important consideration for operations and required confirmation before works could commence.

eDNA Australia used a combination of high-resolution Quoll, cat, dog and fox assays to best target the scat. Despite its degraded nature, results returned moderate to high indication of fox DNA. Five subsamples were obtained throughout the scatt using all four target assays to maximize confidence. No positive results for cat, dog or Quoll were recorded. The scat was classified as Fox with a high level of confidence allowing clearing works to proceed on schedule.

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