## HISTORICAL DATA COMPILATION



Mount Rankin

Apollo

# Kenex

#### **Our Expertise**

- Kenex has a team of geologists, database experts and GIS technicians who are highly skilled at collecting data from exploration reports.
- With our expertise in mineral exploration, GIS, data collection and management (including advanced AI techniques) we can ensure the relevant data is collected in the most efficient way.
- Our work is done to a high standard, delivering high quality verified data that conforms with the required database formats.
- ✓ We have undertaken historical data compilation projects for both government and industry clients for over 20 years. Our most recent work is an ongoing multi-year project for an Australian geological survey.
- Our team is highly regarded, and we pride ourselves on our communication and ability to create positive and lasting relationships with clients.



#### THE CHALLENGE

### THE VALUE

Important exploration information is buried in historical reports in pdf and scanned images.

Extracting data from these reports can be time consuming, especially for older reports, often handwritten and without standard projections for locations.

Exploration data is stored in multiple formats in different locations making it difficult to easily access and analyse all the information available for a project. If collated into a digital format historical data can be combined with current exploration data allowing a complete assessment of a project to be made.

Hundreds of thousands of dollars can potentially be saved that might have been spent on redrilling or sampling in the project area.

Fully compiled, integrated, and centralised data can be used immediately to plan exploration and communicate the value of the project to different stakeholders.

- Compiling all the historic exploration data over an area of interest should be the first step in any exploration program.
- Many geological surveys are proactively collecting this data over key areas to give exploration companies a head start!

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- Important data to compile into a digital format includes surface geochemistry and drilling (collars, surveys, assays, lithology), geological mapping, geophysical data, and petrology.
- Advanced AI techniques are used to speed up the data capture however, expert QC and oversight is important to make sure the data collected is relevant and high-quality.
- Compiled historical data can be integrated with all project data to create a complete and centralised
  Exploration GIS Atlas for the project.

## Our Workflow

Research reports to determine whether there is new data to extract.

Locate maps in a GIS and capture all the identified data and related relevant information from the report using AI techniques where possible.

QC the results to minimise capturing errors, review and compare with the existing data to avoid collecting duplicates.

Format all the information in an agreed format and deliver to the client.

Feedback and continued communication with the client to ensure customer satisfaction.



#### Client Feedback

*'Overall Kenex's work remains very good. Your error rate is very low, and your metadata is excellent – best of any of the contractors.'* 

> Feedback from an Australian geological survey

*'Compiling historic data over our Bundarra project identified the potential of the Mt Flora Prospect allowing us to focus our exploration and define a maiden Inferred Resource at Mt Flora of 16 Mt @ 0.5% Cu, 6.9 g/t Ag.'* 

> Thomas Dwight Duke Exploration

*'All the deliverables look great – no issues opening or visualising. Thanks for all your work on the project. It's been great working with the Kenex team.'* 

> Victoria Geological Survey



For more information about our historical data compilation service: www.kenex.com.au Andrew@Kenex.com.au