

# Curriculum Vitae of Daniel Hatton (BA, MSc) MAIG, MSEG

## Personal Details

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## Career Objectives

To secure a role in a leading exploration organisation, where I can apply my existing skills, abilities and knowledge in a way that adds value to the organisation, add to my skill base to develop myself and extend my value to the organisation, and fill a role which provides me with fresh challenges and allows me to grow as a person and a professional.

## Skills Profile

- I am an experienced exploration geologist, with six years experience working in Queensland, the Northern Territory and Tanzania on epithermal and intrusion-related gold, Ernest Henry-style and IOCG copper-gold-uranium, vein-hosted gold, shear-hosted copper deposits, banded iron formation, and hydrothermal hematite. I have trained and managed teams of up to 7 geologists, and have planned, supervised and logged RAB, RC and diamond programmes for exploration and resource definition/grade control. Remote fieldwork performed both as a team and solo, including mapping at a variety of scales.
- I have one and a half years experience in geophysics for exploration and geotechnical investigation, surveying and modelling, and training of staff in data collection and modelling.
- I am proficient in a range of GIS (ArcGIS, MapInfo, Micromine, OASIS montaj, Surfer) and geophysical software packages (Encom Discover, Profile Analyst and ModelVision), and Microsoft Office. I am familiar with Surpac.
- As a strategic thinker with a proven ability to easily grasp new concepts and ideas, I also have the ability to apply my existing knowledge to new situations. I understand and am confident in application of new technologies.
- I interact well with others, either as part of a team or working independently, with excellent spoken and written communication skills.
- A proven record of self-motivation, resourcefulness and ability to work under pressure, with good time management at all levels.
- Independently undertake continuing professional development studying towards a Certificate in Mining Studies from University of British Columbia.

## Training

2014	Quality Control of Geochemical and Assay Samples (Edumine) Conventional Methods of Resource/Reserve Estimation (Edumine) Bulk Sampling: An Introduction (Edumine) Senior First Aid
2013	Epithermal and Porphyry Ore Deposits - Field aspects for exploration geologists. 2 day exploration short course, Greg Corbett
2008	30256QLD Course in Generic Induction to Metalliferous Mining (Core)

## Educational History

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2005 - 2007

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University of Auckland Masters of Science (Geology)

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2000 - 2004

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University of Auckland Bachelor of Arts/Bachelor of Science with Majors in Ancient History, Archaeology, Geology and Geography

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## **Employment History**

### **Jun 2013 – Present Territory Iron Limited**

*Senior Exploration Geologist (Full Time) responsible for all greenfields exploration activities in the Northern Territory.*

Reporting to the Resource Development Superintendent, I developed a strategy to maximise the development of the company's exploration tenement interests, by planning and prioritising exploration activities, preparing scopes of work and executing these to planned budgets. I evaluated the exploration potential of central and eastern Australia for future company growth and provided recommendations based on this.

Undertook field work (surface sampling, mapping) and RC drilling. I identified additional targets with the potential to add 150 million tonnes of iron to Territory's inferred resource.

I oversaw contractors, and ensured environmental and heritage compliance in all exploration activities.

I recommended and implemented a data management system to streamline the exploration and geology departments, including historic data review, compilation and digital capture. I input and evaluated data, and created and assessed geological and mineralogical models, and produced geological and other technical documents as required for all aspects of exploration activities.

Learning and adapting alternative methodologies for exploration activities, I was also instrumental in the design of OH&S processes for fieldwork.

### **Nov 2010 – Jun 2013 Liontown Resources Limited**

*Project Geologist (Full Time) heading greenfields exploration projects in Queensland and supervising exploration activities Tanzania, focused on epithermal and intrusion-related gold exploration.*

Reporting directly to the Managing Director. The in-country lead geologist for Liontown Resources in Tanzania, I was responsible for a team of two local project geologists and one junior geologist, operating in a hazardous environment. I can speak basic conversational Swahili, and liaised with village leaders and local government representatives.

I was also responsible for managing the exploration and tenement management on Liontown's tenements in Queensland. I liaised with landholders and native title claimant representatives, and leading the field program with a team of two contract geologists.

Senior Site Executive for Liontown's Mount Windsor Volcanics Project in Northern Queensland.

I negotiated with the Queensland DEEDI and obtained an increase of granted Collaborative Drilling Initiative funding from the agreed two drill holes to cover the entire 2011 drilling program.

### **Feb 2009 – Nov 2010 Coffey Geotechnics**

*Geophysicist (Contract) carrying out geotechnical investigations, and processing and modelling collected data.*

In this role I performed field collection of geophysical data employing a range of different techniques (Land Seismic Refraction, Vertical Seismic Shear Wave Profiling [VSSP], Multi-channel Analysis of Surface Waves [MASW], ground penetrating radar, SEWREEL, surface-

to-borehole and cross-hole seismic), processing and interpretation of terrestrial and marine geophysics data sets using a range of proprietary software packages, and drafting and reporting of results.

I trained staff in the processing and modelling of seismic and bathymetric data.

I performed the seismic evaluation of Chevron's Gorgon and Wheatstone LNG project areas, and Santos' Gladstone LNG project.

#### **Jun 2008 – Jan 2009 K2 Resource Services**

*Geologist (Full Time) carrying out exploration in rural central northern Queensland targeting IOCG copper-gold-uranium deposits, vein gold systems and shear-hosted copper deposits.*

Responsible for the field exploration office and staff, in this role I generated and managed the projects, reviewed the findings in order to plan next stage exploration, and reported on these to the exploration manager and Department of Mines. I trained and supervised the team of field assistants and seven graduate geologists in sampling, logging, mapping, running of a drill program, and in the quality control of samples, data and assay results.

I liaised with native title claimant representatives for ground clearance prior to any disturbance, and coordinated the employment of tribe members as a part of field activities. With the field manager I put in place a system of reporting Industry Job Safety Assessments, and health and safety procedures for field work.

#### **Jun 2007 – May 2008 Terra Search Ltd**

*Graduate geologist (Full Time) contracted to perform geological and geophysical investigations for exploration, target generation, resource extension and grade control. 4 months was spent working with Ernest-Henry style IOCG copper-gold-uranium deposits.*

While employed by Terra Search Ltd I planned and conducted ground magnetic surveys, processing the data, modelling it in conjunction with in-field geological interpretation, and reporting to the client. I am skilled in the operation of a range of magnetometers – proton procession, cesium and overhauser - and was responsible for training field hands and geologists in their operation, quality control, and data processing. I planned and carried out RC percussion and diamond drilling programmes, collecting and dispatching samples, producing geological, geotechnical and geophysical logs, and supervised the drill crew and field hands.

Seconded from Terra Search to Chinalco Yunnan Copper Resources.

#### **Referees**

Jonathan Vigier (Senior Resource Definition Geologist) – Territory Iron

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Dougal Munro (Lead Senior Resource Definition Geologist) – Territory Iron

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