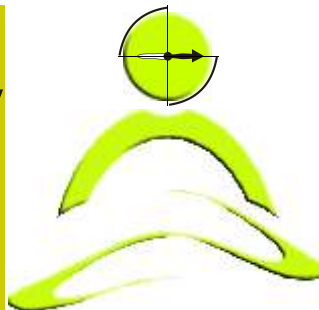




# Integrated 3-D Structural Geology Packages For Exploration



**HOLCOMBE  
COUGHLIN  
& ASSOCIATES**

**CONSULTANTS IN STRUCTURAL GEOLOGY & EXPLORATION**

Holcombe Coughlin & Associates is a Spanish and Australian-based consulting company specialising in the application of modern project generation and structural techniques to the global resource industry.

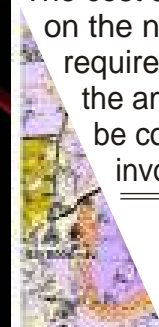
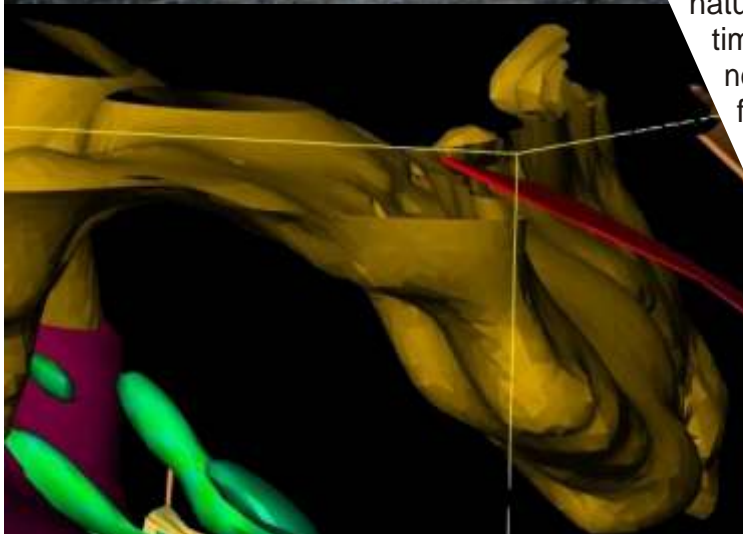


## 3-D modeling packages

HCA integrates on-site structural mapping and analysis of complex targets with the design and production of 3-D structural models, fully interpreted and linked to the exploration program.

Package quotes are a two stage process:

1. - a short on-site program (7-14 days) to assess the scope of the problem and provide initial analysis of the structure, the nature of the deformation, deformation history, and relative timing of mineralisation. This short study may be all that is needed to enhance understanding of the project and guide future exploration without further commitment.
2. - submission of a turnkey quote for a full 3-D model. The cost and time required (up to 6 weeks) depends on the nature of the problem, the precision of the required model, the volume of available data, and the amount of new data or mapping that needs to be collected. One or both HCA Principals may be involved, with other Associates as required.



Tim Coughlin (MSc, PhD) is a specialist in exploration applied to Phanerozoic orogenic systems. Tim has over 15 years of applied research and mineral and petroleum exploration experience. He has worked on target-generation and deposit-scale problems in the central and northern Andes, the western Tethyan, the Papuan fold belt, northern Chile, the Russian Far East, and eastern Australia. Tim has consulted to a wide range of resource industry clients and has held senior staff positions with well-known international resource companies.

Rod Holcombe (PhD) has over 30 years of structural analysis experience in orogenic systems as both an academic and as a consultant to the minerals exploration industry. He is a specialist in the structural analysis of complex metamorphic terranes and shear zones with experience in both Precambrian and Phanerozoic terranes in Australia, New Zealand, USA, Brazil, Argentina, Finland and the Russian Far East and develops computer tools for structural geologists.

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