

CAPABILITY STATEMENT

HERBERT GIRSCHIK, EXPLORATION AND MINING GEOLOGIST, AND EXPLORATION ADMINISTRATOR,

- graduated from the Western Australian School of Mines campus of the W.A. Institute of Technology, now Curtin University.
- has been involved in the mineral industry in both exploration and mining for more than 25 years, 20 of which have been as a contractor.

The fields in which he has experience include: -

- exploration for gold, base metals, uranium, heavy mineral (beach) sands, tungsten, industrial minerals and construction materials.
- mining geology in narrow-stope underground gold mines, and in open-cut mines for gold and iron (magnetite).
- project generation, geological reconnaissance and property evaluation.
- exploration administration and project management, including budgeting and financial control and tenement management.
- preparation of comprehensive technical and financial reports to clients and statutory reports to government departments.
- information searches on specific geographic areas or commodities, and exploration and mining history.

He has worked at numerous locations throughout Australia, and also in the southwest Pacific, Madagascar and on Christmas Island.

The size and scope of the exploration projects varied from first pass geological mapping and sampling on local prospects through to regional exploration and in-fill drilling prior to mine development and production. For mining operations this varied from low tonnage high-grade mines to large open-cut operations.

His role has ranged from a hands-on field geologist supervising a small team through to project manager directing several multi-discipline teams. He has had to be a factotum in initiating exploration projects in remote locations.

He can: -

- maintain accurate technical and financial records,
- recruit and lead personnel, and organise and maintain equipment and supplies,
- handle stress under conditions of physical and cultural isolation, locally and overseas,
- work independently or as part of a small professional team.
- adapt rapidly to changing technology and local culture, and acquire new skills.

He is computer literate and makes daily use of the standard software such as Microsoft "Office" suite, and has also used Mapinfo and Surpac.

Language skills include fluent English, basic German, Bahasa Indonesia and Bislama, with some French and Spanish.

A full *Curriculum Vitae* can be supplied on request.

CURRICULUM VITAE. HERBERT GIRSCHIK
EXPLORATION AND MINING GEOLOGIST, AND EXPLORATION ADMINISTRATOR.
1983 to present. CONTRACT AND CONSULTANT GEOLOGIST.

Contracting to medium and junior companies and government departments in three principal roles.

Greenfields project generation and exploration.

Within Australia.

- Gold in Archaean greenstone belts.
- Gold in Archaean banded iron formations.
- Gold in Proterozoic sediments.
- Lead/zinc in Archaean volcanics.
- Heavy mineral sands in Tertiary and Recent sediments.
- Sedimentary phosphates in the eastern Macarthur Basin, Northern Territory.

Overseas.

Vanuatu.

- Gold/copper in Tertiary epithermal / porphyry systems.
- Clay for the manufacture of bricks.

New Caledonia.

- Gold in Tertiary granite dyke systems.

Madagascar.

- Nickel, copper and gold in Proterozoic intrusives.

Grade control, and within mine and near mine exploration.

- RC infill drilling on and around former gold mines prior to recommencing production.
- Underground exploration, sampling and grade control in small gold mines.
- Sampling of abandoned copper/gold mines in Madagascar.
- Core logging for lithology, structure, geotechnical defects and mineralisation on mine sites.
- Evaluation of stockpiles of rock phosphate at Christmas Island.
- Surveying, mapping and sampling of abandoned underground gold mines.

Administration and Research.

- Review of exploration technical reports prior to release to open-file for Geol. Survey of W.A.
- Compilation and evaluation of historic assay data to determine remaining potential.
- Sedimentary magnesite deposits in New Caledonia.
- Production of metallurgical-grade activated charcoal from coconut shells in Vanuatu.
- Development of a limestone deposit near Seabird W.A. as a source of construction material.
- Gypsum in the Holocene.

1982 - 1983 SENIOR GEOLOGIST. Endeavour Resources Ltd., Meekatharra, W.A.
Supervising mine geological services on two underground gold mines, and local exploration.

1980 - 1982 SENIOR GEOLOGIST AND MANAGER. ANZECO, Darwin, N.T.
Supervising exploration for uranium, tungsten and gold. Responsible for administration of projects and project generation.

1977 - 1980 GEOLOGIST AND PROJECT MANAGER. Urangesellschaft Australia Ltd.
Victoria, N.S.W, Queensland and N.T.
Reconnaissance and detailed exploration for sedimentary uranium deposits

1975 - 1977 EXPLORATION GEOLOGIST. AMC Ltd., Southport, Queensland.
Exploring for heavy mineral sands on the eastern Australian seaboard and sedimentary basins.

1973 - 1975 MINE GEOLOGIST. Savage River Mines, Savage River, Tasmania
Mine Geologist on medium scale open cut iron mine.

1969 - 1973 MINE GEOLOGIST. Lake View and Star Ltd. Kalgoorlie, W.A. Junior
Geologist on an extensive underground narrow-stope gold mine on the "Golden Mile".