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# **Tasmanian Information on Geoscience and Exploration Resources**

## **Project TIGER Project Closure Report**

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MINERAL RESOURCES TASMANIA  
DEPARTMENT OF INFRASTRUCTURE ENERGY  
*and* RESOURCES

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# 1 Summary

## 1.1 Background

Initial work on planning Project TIGER commenced in 1994 and the project is now complete after execution of the project in four major phases. The project phases are described as follows:

Phase 1: a prototype MRT integrated information management system was developed.

Phase 2: captured a number of important geoscientific data sets in digital form to provide content for future developments.

Phase 3: established a robust integrated data management platform for the delivery of information services to internal clients.

Phase 4: extended the system developed in Phase 3 to deliver a wide range of MRT information via the Internet.

Phases 1 to 3 have been completed and this report documents closure of the fourth and final phase of the project.

## 1.2 Reasons for closing the Project

Project TIGER can be closed as the following processes or products from the fourth and final phase of the project have been put in place:

- The majority of planned outputs described in the Project TIGER Business Plan have been delivered (see Appendix 1).
- The Project Sponsor and Business Owners Group established by the project have agreed to accept ongoing responsibility for managing the TIGER system and realising Project TIGER outcomes.
- MRT has the resources to manage the project deliverables and complete outstanding deliverables.
- Business Improvement methods developed during the project have changed some organisational values and culture to be client oriented.

# 2 Closure Activities

## 2.1 Project Staff

All temporary staff have resigned or moved on to other positions.

The Project Manager will continue to work on project closure activities during the second half of 2003 and shall be redeployed to other duties when closure activities have been completed.

## **2.2 Issues Management**

The Business Owners Group established by the project shall continue to manage the TIGER Information System and the data it contains.

The Project Manager has reviewed the deliverables from all modules with the module working parties and the Project Register of Problems/Changes/Issues has been updated accordingly.

The Project TIGER issue register will be handed over to the TIGER Business Owners Group who will manage business priorities for TIGER. Individual Working Parties/Business Teams and the Information Systems Operations section of MRT shall manage the technical detail of changes to the system.

## **2.3 Risk Management**

The Project Risk Register as presented in the final Project Managers Report shall be handed over to the Business Owners Group.

## **2.4 Financial Management**

All project commitments raised against the Tasmanian Infrastructure Fund have been paid. The remaining funds, approximately \$32,000, have been allocated to associated projects being undertaken by MRT.

The ongoing contribution by the Project Manager is being funded from consolidated revenue.

## **2.5 Asset Management**

Computer software and hardware purchased for implementation of the TIGER system is being managed and maintained by the MRT Information Systems group.

Other physical assets are mainly office furniture that has been deployed with the MRT office complex.

## **2.6 Records Management**

The final versions of all documents and software produced during the project are being identified and placed with the MRT Records Management Section by the Project Manager.

Draft and working copies of project documents are being arranged in one area on the MRT file server from where they can be archived.

## **2.7 Post Project Responsibilities**

### **2.7.1 Outcomes**

The Business Owners and Project Sponsor produced Version 1.0 of the Project TIGER Outcome Realisation Plan during the project.

Responsibility for achieving the project outcomes shall be the responsibility the TIGER Business Owners Group and the Director of Mines (Project Sponsor).

### **2.7.2 Outputs**

The status of outputs as listed in the Project TIGER Business Plan is attached as Appendix 1. Important issues to address in the short term are:

- Geohazards information should be published on the MRT website as soon as possible.
- MRT should develop an information product / data publication policy and arising from the policy implement a practical governance model for managing all website content.
- MRT to complete the review of spatial data requirements that has been commenced so that all complex spatial data can be integrated with TIGER.
- Complete the analysis of Tenement Management business processes so that TIGER can support all tenement management functions and can provide a shared (extranet) resource across government for management of mineral tenements.
- Assist the LICC to revise Crown Copyright statements to facilitate internet distribution of data and limited commercial use.
- Increase bandwidth to the Rosny Office to make TIGER easier to manage and improve services to internet and Tasmanian Government users.

### **2.7.3 Governance of the TIGER System**

The Project TIGER Business Owners Group shall continue to manage the TIGER System and the data it contains. A governance model has been proposed that will see project Working Parties continue as TIGER Business Teams that will report to and seek guidance from the Business Owners Group.

The Project TIGER Outcome Realisation Plan should be reviewed by the Business Owners and used as the basis for a TIGER Management Plan for ongoing operation of the system.

The Project Sponsor should engage an independent party to conduct a post implementation review of the Project within 6 months of the project closing.

## **2.8 Recommendations**

That the Steering Committee:

1. Note this report.
2. Endorse the Post Project Responsibilities.

3. MRT should continue to strengthen the Tasmanian Government Spatial Data Infrastructure in line with relevant policies including guidelines for enterprise architecture that are being developed. In particular opportunities for sharing and building resources with RIMS, LIST and IRIS be explored where possible.

## Appendix 1: Status of Project TIGER Phase 4 Modules

| Business Plan Module                          | Outputs  | Outstanding Issues  |
|---|--|---|
| <b>Project Initiation</b>                     | <ul style="list-style-type: none"> <li>Project initiated and executed.</li> </ul>  |   |
| <b>Business Improvement</b>                   | <ul style="list-style-type: none"> <li>Business Improvement program delivered that included analysis of the organisation culture, coaching for MRT Managers, a future search conference for all staff.</li> <li>Version 1.0 of the Project TIGER Outcome Realisation Plan released.</li> </ul> |   |
| <b>Web Tenement Information System</b>        | <ul style="list-style-type: none"> <li>A system for querying and publishing tenement information including maps has been designed, developed and implemented.</li> </ul>   |   |
| <b>Web Content Management System</b>          | <ul style="list-style-type: none"> <li>A content management system has been implemented.</li> <li>The MRT web site has been restructured and a new interface implemented.</li> <li>The web site is the public portal to TIGER and has been promoted to potential users.</li> </ul>             | <ul style="list-style-type: none"> <li>A practical governance model for authoring and production of web page content has not been implemented.</li> </ul>   |
| <b>Geoscience Data Model</b>                  | <ul style="list-style-type: none"> <li>A geoscience (and tenement) data model has been developed and implemented based on analysis of MRT business systems.</li> <li>The single data model is controlled with a CASE tool.</li> </ul>  |   |
| <b>Geochemistry Information System</b>        | <ul style="list-style-type: none"> <li>A Geochemistry and Observations system has been designed, developed and implemented.</li> </ul>   | <ul style="list-style-type: none"> <li>Migration of data has not been completed.</li> <li>Internet access to the data has not been implemented</li> <li>Management reports for geochemistry and samples have not been developed.</li> </ul> |
| <b>Drill Core Information System</b>          | <ul style="list-style-type: none"> <li>A drilling system has been designed developed and implemented that includes a drill core library management system.</li> <li>Internet access to the drilling data has been implemented.</li> </ul>  | <ul style="list-style-type: none"> <li>Storage and retrieval of Drill log documents was not included in the design.</li> </ul>  |
| <b>Plan Register / Rock Catalogue</b>         | <ul style="list-style-type: none"> <li>The rock catalogue was developed in the Samples and Observations module of the project.</li> </ul>  | <ul style="list-style-type: none"> <li>Migration of rock catalogue data has not been completed.</li> <li>A register of MRT plan documents was not delivered.</li> </ul>   |
| <b>Mineral Occurrences Information System</b> | <ul style="list-style-type: none"> <li>A Mineral Occurrence System has been designed, developed and implemented.</li> <li>Internet access to query mineral deposit data is available.</li> </ul>   |   |

| <b>Business Plan Module</b>            | <b>Outputs</b>  | <b>Outstanding Issues</b>   |
|--|---|---|
| <b>Geology Map Production System</b>   | <ul style="list-style-type: none"> <li>Some processes have been revised to publish data from TIGER on geological maps.</li> </ul>   | <ul style="list-style-type: none"> <li>Support of complex spatial data types used in geological maps has not been implemented.</li> <li>A review of further business requirements and technology is being conducted by MRT Information Systems group.</li> </ul>  |
| <b>Ground Water Information System</b> | <ul style="list-style-type: none"> <li>A Groundwater Information System has been designed, developed and implemented.</li> <li>Internet access to query groundwater data is available.</li> </ul>                                       |   |
| <b>Geophysics Information System</b>   | <ul style="list-style-type: none"> <li>A Geophysics System has been designed, developed and implemented.</li> <li>Internet access to query geophysics textual and document data is available.</li> </ul>                                | <ul style="list-style-type: none"> <li>Internet access to geophysical imagery has not been implemented.</li> <li>Data migration is still in progress.</li> </ul>  |
| <b>Tenement Administration</b>         | <ul style="list-style-type: none"> <li>Analysis and documentation completed of process and data flows for auditing of exploration licence work program approvals and monitoring on-ground aspects of tenement administration</li> </ul> | <ul style="list-style-type: none"> <li>Some areas that were omitted from the scope of analysis for this module should be completed before extension of the TIGER system commences.</li> </ul>   |
| <b>Geohazards Information System</b>   | <ul style="list-style-type: none"> <li>A Geohazards Information System has been designed, developed and implemented.</li> </ul>   | <ul style="list-style-type: none"> <li>Maps of proclaimed geohazards or geohazards advisory zones have not been included in TIGER.</li> <li>Internet access to geohazard data was not included in this module.</li> </ul>   |
| <b>Ordering and Payment Facility</b>   | <ul style="list-style-type: none"> <li>An exploration licence application and payment system was implemented.</li> </ul>  | <ul style="list-style-type: none"> <li>A generic payment system for MRT goods and services has not been implemented.</li> <li>The electronic payment facility contracted by Networking Tasmania is not suitable for many MRT applications.</li> <li>Alterations and optional additions to the Crown Copyright Statement are being made to facilitate development of data downloading facilities.</li> </ul> |