

# VALIDATION AND TESTING REPORT

**WORK UNIT:** H5012 JACKSON  
**PRODUCT TYPE:** TOPO-250K NATIONAL TOPOGRAPHIC DATABASE (NTDB)  
**DATE SUBMITTED:** 15 November 2005  
**DATE COMPLETED:** 29 November 2005  
**SEQUENCE NUMBER:** 1  
**SUPPLIER:** WDS&S LIMITED  
**SPECIFICATION TESTED:** Version 4.0

**TEST RESULT: FAILED**

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Refer to the GEOSCIENCE AUSTRALIA TOPOGRAPHIC DATA AND MAP SPECIFICATIONS, Section 3.8.1 - Results of Tests and Resubmitting Failed Tiles - for guidance on VAT testing conditions.

Producers correcting data as a result of FAILED TESTS or OTHER TEST ERRORS should not only correct the errors detailed in the summary report but search the data, correcting similar errors.

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## FAILED TESTS

### 21. THERE ARE NO ILLEGAL PSEUDO NODES EXISTING IN LINEAR FEATURE CLASSES

In the Culture Feature Dataset / Fences Feature Class, illegal pseudo nodes incorrectly exist, for example at approximate coordinates 119° 04' -30° 44'.

### 22. LINE FEATURES ARE SINGLE PART WHERE EXPECTED

In the Relief Feature Dataset several Contour features incorrectly exist as multiple parts. For example a Contour (OBJECTID = 10) is shown as four parts of a feature with the same OBJECTID (effectively one feature), whereas these Contours should be shown as four individual features (single parts), at approximate coordinates 118° 57' -30° 59'.

### 33. ABUTTING POLYGONS DO NOT HAVE THE SAME ATTRIBUTES

In the Vegetation Feature Dataset / ForestOrShrub Feature Class, abutting polygons incorrectly have the same attributes at approximate coordinates 119° 59' -30° 13' and 118° 35' -30° 40'.

### 51. HOMESTEADS ARE CORRECTLY CLONED AS BUILDINGS

In the Habitation Feature Dataset a Homestead should be cloned as a Building at approximate coordinates 118° 59' -30° 44'.

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## **OTHER TEST ERRORS**

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### **11. LINE SEGMENTS ARE GREATER THAN THE MINIMUM LENGTH SPECIFIED**

Short segments exist in the Administration, Culture, Drainage, Physiography, RailTransport, RoadTransport, and Relief Datasets.

### **22. LINE FEATURES ARE SINGLE PART WHERE EXPECTED**

In the Road Transport Dataset / Road Feature Class, a Road incorrectly exists as multiple parts. This Road, with OBJECTID = 281 is shown as two parts of a feature with the same OBJECTID (effectively one feature), whereas this Road should be shown as two individual features (single parts), at approximate coordinates 118° 51' -30° 59'.

### **23. THERE ARE NO INVALID UNDERSHOOTS EXISTING IN LINEAR FEATURE CLASSES**

In the Road Transport Feature Dataset, a Road incorrectly overshoots a Road intersection at approximate coordinates 119° 32' -30° 48'.

### **27. THERE ARE NO ARTIFACTS EXISTING IN LINEAR FEATURE CLASSES**

In the Road Transport Dataset / Road Feature Class, a Road incorrectly exists with an artefact at approximate coordinates 119° 35' -30° 17'.

### **29. THERE ARE NO SHORT INVALID LINES EXISTING IN LINEAR FEATURE CLASSES**

In the Road Transport Feature Dataset, several Roads do not meet the length criteria for inclusion. Examples exist at approximate coordinates 119° 16' -30° 11' and 119° 32' -30° 47'.

### **177. ROAD NAME ATTRIBUTES ARE CONTIGUOUS WHERE INTENDED**

In the Road Transport Dataset / Road Feature Class, a section of Road should have the name 'Masefield Road' included to maintain Road name continuity.

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## **ADDITIONAL INFORMATION**

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#### **91. REVISION HAS BEEN APPLIED CORRECTLY**

For the Road Transport revision theme, additional revision information has been received in Geoscience Australia that was not available to the producer at the time of submission.

A Road at approximate coordinates 118° 51' -30° 59' should preferably have the NAME attribute 'SAILORS ROAD' applied to it, as per the new Geoscience Australia Road Change Layer.