

File: 16400-06

**DRAFT ORDER TO IDENTIFY**

**KARST RESOURCE FEATURES FOR THE SOUTH ISLAND FOREST DISTRICT**

Pursuant to Section 5(1)(a) of the Government Actions Regulation of the *Forest and Range Practices Act*, I hereby identify the following Karst<sup>1</sup> categories as resource features wherever they are found in the South Island Forest District, effective [ date]

**Karst Categories:**

1. High and very high vulnerability karst terrain: this karst category has more than 10 Karst types<sup>2</sup> per hectare, and a high likelihood for karst caves.
2. Karst Cave: a large natural under ground hollow with a surface opening or openings large enough to admit a human that connect to interior cavities containing a zone of complete darkness.

Date: July 27, 2005

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Jack Dryburgh, District Manager  
South Island Forest District  
Ministry of Forests and Range



<sup>1</sup>Karst is defined as: *a natural topographic landform created by the dissolving action of water and carbonic acid on carbonate bedrock.*

<sup>2</sup>Karst types include: Epikarsts: *The upper surface of karst, consisting of a network of intersecting fissures and cavities*, Karst Canyons: *a deep, narrow gorge or ravine containing a perennial or intermittent stream*, Karst Springs: *A feature where water is discharged to the surface from subsurface flows*, Sinkholes: *a topographically closed karst depression, wider at the rim than it is deep; commonly of a circular or elliptical shape, with a flat or funnel-shaped bottom*, and Swallets: *a feature where surface water or a stream flows into the subsurface.*