

## Appendix 2.

### Description of Grain Size and Textural Terms Used in this Study

Photos illustrating these rock variations can be seen in MacDonald *et al.* (1992) and Prime (2001)

Grain Size and Textural Terms	Description
Fine grained	<1 mm
Medium grained	1-5 mm
Coarse grained	>5 mm
Porphyritic	Some large grains and some small grains. The small grains generally represent the largest volume, with the large grains appearing to 'float' in them. The porphyrys of this study have fine grains which cannot be distinguished with the naked eye. See MacDonald <i>et al.</i> , 1992, for a full description of textures.
Megacrystic	Contain grains much larger than the surrounding grains. Megacrysts in the rocks of this study typically are 3-5 cm in length. A megacrystic rock is a variation of a porphyritic rock. The finer grained 'matrix' of the rock can be fine-, medium-, or coarse-grained. See MacDonald <i>et al.</i> , 1992, for a full description of textures.