

## Appendix 3

### Values Used In The Calculation Of Volumes Erupted

Appendix 3 contains the values used to calculate the volume erupted for each flow unit. The areas of individual flows were calculated using the program ArcView 3.2. Where younger flows overlie older flows, the area of the older flows underlying the younger flows were included in the calculation as well as an estimate of the amount eroded. For a given flow unit, the areas of each flow were added together. The areas of each flow unit were then converted to a percent of the total area. Volume estimates were calculated by multiplying the area % of each flow unit by the total volume erupted, 90 km<sup>3</sup> (from Neilsen and Dungan, 1985).

### Appendix 3: Values Used In The Calculation of Volumes Erupted

Flow unit (Ma)	Area (km <sup>2</sup> )	Volume (km <sup>3</sup> )	Vol. % Erupted
0.67-0.95	42.23	2.0	2.2
1.55-1.59	146.85	6.8	7.6
1.78-1.82	3.39	0.2	0.2
1.93-1.99	35.05	1.6	1.8
2.18-2.59	92.41	4.3	4.8
2.85-3.36	772.69	36	39.7
3.48-3.54	60.29	2.8	3.1
4.35-5.13	613.36	28	31.5
5.62-5.77	24.85	1.2	1.3
6.01-6.07	56.01	2.6	2.9
6.34-6.61	52.44	2.4	2.7
7.05-7.11	3.08	0.1	0.2
8.13-8.21	41.46	1.9	2.1