**Magma and eruptions**

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| Type | Silica content | viscocity | temp | Gas amount | Eruption type (and example) |
| Basalt | Low (50%) | Low  ie  not sticky |  |  |  |
| Andesite | Mid (60%) |  | 800-1000 |  |  |
| Dacite |  |  | 1000 ish |  |  |
| Rhyotlite | High (70%) |  |  | high | Extremely explosive.  Eg Taupo if high gas, leavers a caldera  Or  Gentle if degassed, leaves dome |

Compare and contrast magmatic and phreatomagmatic eruptions

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What is tephra

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How are subduction volcanoes formed. Use diagrams and give examples

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