

Appendix 5: Geologic Map and Cross Sections of the Summit Area of House Mountain, reproduced from Holm et al., 1998, Figure 10, p. 20-21.

EXPLANATION

Map Units

Sedimentary Rocks

-  Q Quaternary surficial deposits
-  V Miocene to Pliocene Verde Formation
-  P Permian formations, undivided

Effusive and Pyroclastic Rocks (Miocene)

-  BN Basanitic nephelinite
-  B Benmoreite
-  M Mugearite
-  BHM Basaltic andesite, hawaiite, mugearite
-  C Basaltic cinders and lava flows
-  H Hawaiite

Intrusive Rocks (Miocene)

-  nm nepheline monzosyentie
-  bn basanitic nephelinite
-  b benmoreite
-  m mugearite
-  bh basaltic andesite and hawaiite

Symbols

Boundary of Area Mapped at 1:6,000



Geologic Contact



Approximate Boundary Between Intrusive and Extrusive Facies of Feeder Dikes and Lava Flows



Strike and Dip of Bedding



Sample Locality and Number of Sample in Table 1 in Holm et al., 1998



Key for Field Trip Stops on House Mountain (Holm et al., 1998):

- Stop 5: analyses 8, 13
- Stop 6: analyses 9, 10
- Stop 7: analysis 12
- Stop 8: in sequence, analyses 7, 2, 3, 4-6, 1

