

BAB V

PENUTUP

5.1 Kesimpulan

1. Geologi Olele terbagi atas tiga yaitu geomorfologi, stratigrafi, dan struktur geologi, yaitu:
 - a) Geomorfologi daerah penelitian berupa Satuan Dataran Teras Terumbu, Satuan Dataran Aluvial, Satuan Perbukitan Aliran Piroklastik, dan Satuan Perbukitan Tinggi Aliran Lava.
 - b) Stratigrafi daerah penelitian dari tua ke muda berupa satuan Dasit Porfiri, Satuan Breksi Piroklastik, Satuan Batugamping Terumbu, dan Endapan Aluvial.
 - c) Struktur geologi daerah penelitian berupa Sesar Normal Olele dan Sesar Geser Olele.
2. Berdasarkan analisis petrografi dan geokimia, proses magmatisme pada dasit porfiri daerah penelitian berupa konveksi, dekompresi adiabatik, dekompresi saat erupsi dan *undercooling*, pemanasan akibat *recharger*, fraksionasi kristal dan pencampuran magma. Sementara tatanan tektonik pembentukan dasit porfiri daerah penelitian yaitu zona orogen/zona subduksi.

5.2 Saran

Diperlukannya penelitian lebih lanjut, terutama pada geokimia batuan untuk mengetahui pembentukan batuan daerah penelitian.

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