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THE STRUCTURE AND TECTONICS OF
MESOZOIC DIKE SWARMS
IN EASTERN NEW ENGLAND

by

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Figure 8b: Resorption haloes around xenolithic clasts within pseudotachylyte.

(field of view approx. 2mm in width)
Figure 8c: Feldspar (?) microlites within pseudotachylyte matrix at vein extremities.

(field of view approx. 0.75mm in width)
Figure 24a: Fracture fabric (fine dark lineations) and felsic veining within mafic dike.

(knife scale = 7.3 cm.)
Figure 24b: Extensive irregular veining along fracture fabric trend within mafic dike.

(knife scale = 7.3 cm.)
Figure 24c: Fine felsic veining and incipient brecciation along fracture fabric trend within mafic dike.

(knife scale = 7.3 cm.)
Figure 24d: Coarse felsic veining and brecciation along fracture fabric trend within mafic dike.

(knife scale = 7.3 cm.)
Figure 24e: Hornblende concentrations (with no preferred orientation) along fabric element within the Kittery quartzite (plane light).

(field of view approx. 2mm in width)
Figure 24f: Quartz concentration along fabric element within the Kittery quartzite (crossed nicols).
(field of view approx. 2mm in width)
Figure 24g: Intracrystalline microbrecciation of plagioclase phenocrysts along fabric element within a felsic dike (crossed nicols).

(field of view approx. 2mm in width)
Figure 24h: Intracrystalline microbrecciation and hornblende alteration of augite phenocrysts along fabric elements within a mafic dike (plane light).
(field of view approx. 2mm in width)