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### Paleozoic - Geology of the Mt. Pawtuckaway Area

Freedman, Jacob

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TRIP D

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## 48th Annual Meeting of the New England Intercollegiate Geological Conference

## Paleozoic - Geology of the Mt. Pawtuckaway Area.

TIME: 8:30 A.M. Sunday, October 14, 1956.

LEADER: Jacob Freedman

Assembly Point: Parking lot on U.S. Route 4, just north of the railroad tracks and overpass in Durham, N. H. (about 30 minutes drive from Portsmouth, N.H.)

Pt. to Pt.	Total Mileage	REMARKS
		- Set trip indicator at 0 miles, and head northwest on U.S. Route 4, drive for
.5	.5	turn left on Route 155A, at
2.2	2.7	join route 155 and keep straight (to west), at
.8	3.5	pull off road and park for STOP 1 - Outcrop of calcareous and phyllitic Eliot fm. on East boundary of Pawtuckaway quadrangle and geologically at the boundary of the Eliot and Berwick fms.
1.0	4.5	Continue southwest on 155, and in town of Lee, keep straight, passing onto a dirt road, and at
.5	5.0	take dirt road down hill to left, stay on the better dirt road until you get to intersection at
1.4	6.4	go straight across, bearing 2nd left on older road with grass strip in center of road, at
.2	6.6	find a parking spot for STOP 2 - Calef member of the Eliot fm., - continue south and at
.4	7.0	park for STOP 2a - Berwick fm. - continue to
.1	7.7	intersection of Routes 125 and 152. Cross onto Route 125 heading for Epping, continue south and at
4.9	12.6	turn right at traffic light on Route 101, passing through Epping Center at
.4	13.0	and continuing west on Rt. 101 for
1.3	14.3	and STOP 3. Park off main highway. Outcrop is in the biotite zone in Berwick fm. at Jones Hill.
3.6	17.9	Continue west on 101 to and park off road for STOP 4 - Outcrop of Gove member of Littleton fm., - continue west on 101, at
.2	18.1	bear right on Route 101, avoiding town of Raymond, at
1.9	20.0	Good outcrops of highly metamorphosed Littleton fm, Possible STOP 42. Bear right (north) on 101, at
1.8	21.8	bear left on Route 101, and at
1.0	22.8	pull off road for STOP 5., A microcline granite located near Candia-Raymond town line.
.2	23.0	Continue west for turn right 180 degrees about houses and grave yard and
.2	23.2	turn left, retracing some of your route on 101, at
.4	23.6	turn left off 101, onto old tar road, and at
.5	24.1	turn left on Route 107, driving north to
3.0	27.1	and right turn on dirt road leading to Pawtuckaway Mts. Pass over hill and past zig-zag on down slope and at
1.9	29.0	park off road for STOP 6. Walk in on old road to north for view of Mt. Pawtuckaway and other mountains.

Consult with Jacob Freedman for further directions. The State Park will be opened for us on Oct. 14th and it is possible not only to drive through, but also to walk over and examine a small ring-dike belonging to the White Mountain magma series.

TRIP D