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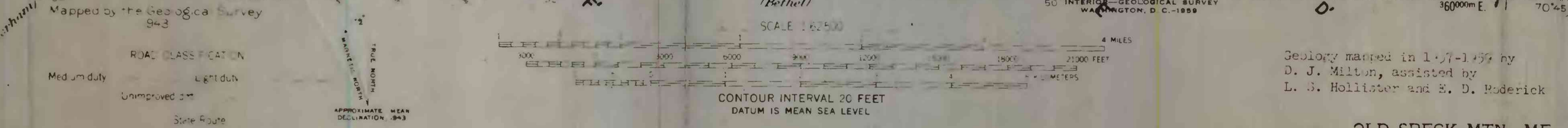
EXPLANATION

- Upper Devonian (?)**
 - Ry Volcanic breccia
 - Dan Granite rocks of the New Hampshire plutonic series. Granite, quartz monzonite, and granodiorite; minor quartz diorite, diorite, and pegmatite. All non-foliated or weakly foliated.
 - D11 Pegmatite
 - Dh Hornblende. Coarse hornblende-chlorite rock.
 - De Gabbro. Coarse hornblende-plagioclase and hornblende-biotite-plagioclase rock.
 - Dad Hornblende-biotite granodiorite of Umbagog Lake. Hornblende-biotite granodiorite, with minor quartz diorite and diorite; mapped around Umbagog Lake.
- Middle or Upper Devonian (?)**
 - Dol Granite gneiss of the Oliverian plutonic series. Granite, quartz monzonite, and granodiorite, all strongly foliated and lineated; minor pegmatite.
- Lower Devonian Litchfield formation**
 - Dlt Two mica schist of the Litchfield formation. Muscovite-biotite schist, mostly fine grained, some with staurolite.
 - Dis Interbedded schist and quartzite of the Litchfield formation. Schist and quartzite in alternating beds a few inches or less thick.
 - Dil Calc-silicate granulite of the Litchfield formation. Thin-bedded granulite, containing calcic plagioclase, hornblende, micas, diopside, and garnet, and biotite schist.
 - Dlc Conglomerate and quartzite of the Litchfield formation. Quartz pebble conglomerate and quartzite, with minor schist and calc-silicate granulite.
 - Dli Gneiss of the Litchfield formation. Biotite schist and some two-mica schist with veins, rods, and knots of granite.
 - Dlb Biotite schist of the Litchfield formation. Includes with minor two mica schist.
 - Dla Dark amphibolite, massive or bedded, some with pillow structure; minor schist; mapped around Whittop Brook.
- Upper Ordovician (?)**
 - Op Partridge formation. Schist, micaceous quartzite, and black phyllite, most containing sulfides and graphite.
- Middle Ordovician**
 - Oap Ammonoosuc volcanics.
 - Oa Quartz-mica schist, some micaceous quartzite, characteristically pin-striped. Amphibolite in dikes and sills.

CLASSIC (C) ESTABLISHED (C) DR DEVONIAN



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GEOLOGIC MAP OF THE OLD SPECK MOUNTAIN QUADRANGLE, MAINE By Daniel J. Milton

OLD SPECK MTN. ME. N4430-W7045/15 1943