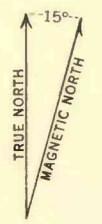


Middle Tertiary (?)

EXPLANATION

<p>Qa Morainal deposits, alluvium, and boulder fields</p> <p>Tvs Tvsq Tvd Explosion breccia, largely volcanic vent breccia. Mostly syenite porphyry, Tvs; mostly quartz syenite porphyry, Tvsq; mostly diorite porphyry, Tvd; aphanitic lavalike sheets, Tl</p> <p>Ts Soda syenite porphyry Contains large phenocrysts of perthite; in part probably feldspathoidal; some of the finer grained facies appear to be a filter-press derivative of the coarse crystal facies</p> <p>Tds Feldspathoidal and other soda-rich syenite dikes</p> <p>Tds Dike-swarm complex Mostly syenite porphyry dikes in metadiorite. Principal dikes shown by dotted lines. Syenite porphyry dikes outside the complex, d; includes some quartz-rich and some soda-rich dikes</p> <p>Tmd Monzonite porphyry. Large intrusions, Tmp; dikes, dm</p> <p>Tp Diorite porphyry Unaltered, or only slightly altered</p> <p>mpu Mesozoic and Paleozoic rocks, undifferentiated</p>	<p>dr Soda rhyolite dike</p> <p>dg Aegirine granite porphyry; large intrusions, Tg; dikes, dg; in part late stage intrusions into explosion breccia</p> <p>df Feldspathoidal and other soda-rich syenite dikes</p> <p>dm Dikes, dm</p> <p>Tm Metadiorite Recrystallized and syenitized diorite porphyry. Highly altered Precambrian crystalline rock in small isolated outcrops, ▲</p>	<p>--- --- Contact, showing dip; dashed where approximately located</p> <p>--- --- Anticlinal axis in sheeting of breccia showing direction of plunge</p> <p>--- --- Strike and dip of sheeting in breccia</p> <p>--- --- Strike of vertical beds</p> <p>--- --- Strike and dip of joints in intrusive rocks</p> <p>--- --- Strike of vertical foliation</p> <p>--- --- Adit, open at time of survey Number is referred to in text</p> <p>--- --- Prospect pit or adit that was caved at time of survey Number is referred to in text</p> <p>■ Shaft</p>	<p>QUATERNARY</p> <p>TERTIARY</p> <p>PALEOZOIC AND MESOZOIC</p>
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GEOLOGIC MAP OF THE NORTH LA SAL STOCK, LA SAL MOUNTAINS, UTAH

Scale 1:20,000  
Contour interval 40 feet  
Datum is approximate mean sea level

Geology by C. B. Hunt and Aaron C. Waters, 1952