



Sandia granite – Mainly megacrystic biotite monzogranite to granodiorite–K-feldspar megacrysts, up to several cm long, are commonly aligned in a magmatic foliation; contains numerous ellipsoidal enclaves of microdiorite, fine-grained granite, and gabbro (interpreted to be mingled mafic magmas), and xenoliths of quartzite and mafic metavolcanic rock. Pegmatites, aplites, and quartz veins are ubiquitous. Various dates are available: U-Pb zircon plus sphene 1,455±12 Ma (Tilton and Grunenfelder, 1968, recalculated by Steve Getty, unpublished); U-Pb zircon of 1,437±47 Ma (Steiger and Wasserburg, 1966, recalculated in Kirby et al., 1995); U-Pb zircon of 1,446±26 Ma (Unruh, unpublished data); ⁴⁰Ar/³⁹Ar from hornblende is 1,422±3 Ma and from muscovite is 1,423±2 Ma (Kirby et al., 1995); apatite fission track dates range from 14±4 Ma at low elevation to 30 ± 5 Ma at high elevation (Kelley et al., 1992). Paleoproterozoic metamorphic rocks Quartz-rich pelitic schist – Quartz-muscovite schist and quartz-chlorite schist locally interlayered with amphibolites, mafic metavolcanics, and calc-silicates; commonly contains aluminosilicates. **Calc-silicate and calc-pelite** – Lensoidal calc-silicate bodies interlayered with quartz-rich pelites (Xqs). **Banded granitic gneiss** – Isolated screens (and xenoliths) of banded biotite-rich granitic gneiss intruded by

Park Quadrangle (Ferguson et al., 1996).

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