INTRODUCTION

Quantum dots on the Canuck Peak 1:24,000-scale quadrangle were identified, studied, and mapped by the Department of Geology and Geophysics, University of Idaho. The Quantum dots were identified by the Department of Geology and Geophysics, University of Idaho, and mapped by the Department of Geology and Geophysics, University of Idaho.

SYMBOLS

- **Base Map Credit**: Credit line for the base map.
- **Qgt**: Quartzite, medium to coarse-grained, light gray to white, well bedded, often with bioturbation.
- **Qg**: Quartzite, medium to fine-grained, yellow-brown, well bedded, often with bioturbation.
- **Qt**: Quartzite, fine-grained, gray, well bedded, often with bioturbation.
- **Ypf**: Phyllite, medium to coarse-grained, black, foliated, often with sericite and chlorite.
- **Ymi**: Phyllite, medium to coarse-grained, black, foliated, often with sericite and chlorite.
- **Ypm**: Phyllite, medium to coarse-grained, black, foliated, often with sericite and chlorite.
- **Ypt**: Phyllite, medium to coarse-grained, black, foliated, often with sericite and chlorite.
- **Ypac**: Phyllite, medium to coarse-grained, black, foliated, often with sericite and chlorite.
- **Ypfq**: Phyllite, medium to coarse-grained, black, foliated, often with sericite and chlorite.
- **Ype**: Phyllite, medium to coarse-grained, black, foliated, often with sericite and chlorite.
- **Scale 1:24,000**: Scale of the map.
- **Declination at Center of Map**: Declination at the center of the map.
- **Meadow Creek**: Geologic feature on the map.
- **University of Idaho, Moscow, Idaho 83844-3014**: Contact information for the University of Idaho.

DESCRIPTION OF MAP UNITS

- **Quartzite**: Rock composed of quartz, usually white or gray, often with bioturbation.
- **Phyllite**: Rock composed of mica and quartz, often with foliation.
- **Siltite**: Rock composed of silt-sized grains, usually gray or white, often with bioturbation.
- **Argillite**: Rock composed of clay-sized grains, usually dark gray or black, often with bioturbation.
- **Mudstone**: Rock composed of mud-sized grains, usually dark gray or black, often with bioturbation.
- **Conglomerate**: Rock composed of rounded to angular pebbles, often with bioturbation.
- **Sandstone**: Rock composed of sand-sized grains, usually light gray or white, often with bioturbation.
- **Chert**: Rock composed of chert, usually dark gray or black, often with bioturbation.
- **Limestone**: Rock composed of calcium carbonate, usually white or light gray, often with bioturbation.

REFERENCES