



EXPLANATION

- GEOLOGY**
- MID-TERTIARY(?)
- T Basalt- vesicular flows
  - Tbd Basalt dikes
- POSTMINERAL
- PREMINERAL
- JURASSIC (?)
- Jgm Quartz monzonite
  - Jgdk Granodiorite: K-feldspar-veined and flooded
  - Jgd Hornblende granodiorite (fg = fine-grained dioritic facies)
- PALEOZOIC(?)
- Pa Andesite (includes conglomerate)
  - Pg Gabbro dikes
  - Ph Hornfels
  - Pss Graywacke to siltstone; includes some metarhyolite (?)
  - Pl Limestone (interbedded with schist)
  - Psch Greenschist (metavolcanic?)

- ALTERATION AND MINERALIZATION**
- Weak sericitization plus Fe oxides
  - Strong sericitization plus Fe oxides
  - Quartz vein
  - CuOx Copper oxides on fractures
  - Bn Bornite on fractures
  - FeOx Iron oxide staining (after pyrite)
  - Tourm Black tourmaline on fractures

- SYMBOLS**
- Area of outcrop
  - Lithologic contact (inferred)
  - Strike and dip of bedding
  - Strike and dip of foliation
  - TS Inspiration diamond drill hole
  - QT Quintana percussion drill hole
  - X Prospect pit
  - Road
  - Inspiration bulldozer cut

QUINTANA MINERALS CORPORATION  
**PRELIMINARY GEOLOGIC MAP**  
**THORN SPRINGS PROJECT**  
 WASHINGTON CO., IDAHO  
 SCALE 1" = 500'

500 0 500 1000 1500 FT.

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