



**STRATIGRAPHY**

- Quaternary**
  - Alluvium and colluvium
- Mid to Upper Tertiary**
  - Dacitic quartz tuff
  - Andesitic porphyry
  - Fresh andesite
  - Volcanic breccias
  - Andesitic lithic tuff
- INTRUSIVE**
  - Mafic volcaniclastic
- Devonian-Upper Carboniferous**
  - Agua Negra Formation
    - Shales
    - Quartzites
    - Quartzites sub-outcrop
- BASEMENT**

- ALTERATION**
  - Silicification
  - Hydrothermal breccias
  - Fault breccias

- STRUCTURE**
  - Fault. Structural lineament
  - Subparallel veining (preferential direction)
  - Stockwork (Qtz +/- oxides Fe)

- LEGEND**
  - Trench
  - Drill Hole
  - Topographic contours (10m)
  - Topographic contours (50m)
  - Road
  - Water course (drainaje)

**MINSUD** MINERA Sud Argentina S.A.

Date: ene-2013  
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 Drawing: DS  
 Scale: 1:8000  
**Chita Valley Project**  
 Chita North Porphyry Target  
 Lithology and Structural map  
 San Juan - Argentine

Projection: UTM (WGS84) Zone 19 (Southern Hemisphere)

