

- Quaternary Cover**
- YngBSLT**, Olivine-plagioclase-phyric basalt  
Viscous, olivine-phyric basalt with a dark grey, fine-grained aphanitic groundmass. Olivine and plagioclase phenocrysts are < 1 mm and compose 5 to 15% of the rock.
  - TKK**, Takomkane quartz monzonite  
Medium-grained, equigranular to weakly porphyritic quartz-plagioclase-hornblende monzonite.
  - FD**, Fndio, Dk, Fndio, Fine-grained diorite  
Fine grained diorite with a "salt-and-pepper" texture defined by plagioclase, quartz and mafic (both hornblende and pyroxene) mineral phases.
  - PHzPM**, PighlPorMonz, TakPigMon, Plagioclase-hornblende-phyric monzonite  
Medium-grained, plagioclase-hornblende-phyric monzonite with a variably altered aphanitic groundmass. Phenocrysts range in size from 3 to 4 mm.
  - NAmPI**, NicAnd\_mPIg, Medium plagioclase-phyric andesite  
Plagioclase (> 20%), hornblende (5-10%), pyroxene (0-20%) phenocrysts, < 6 mm, in a green to grey fine grained groundmass. Monoclinic clastic texture locally developed. Sharp upper and lower contacts with fine grained, bedded, volcanoclastic units (Nicola volcanic sandstone to mudstone).  
Plagioclase crystal rich sandstone to mudstone. Locally bedded and laminated.
  - NVSS**, NicVolSS, Nicola volcanic sandstone to mudstone  
Plagioclase crystal rich sandstone to mudstone. Locally bedded and laminated.
  - NFF**, NicFelFrag, Nicola felsic fragmental  
Matrix to clast-supported polymictic breccia to sandstone containing angular to subround clasts of plagioclase- and pyroxene-phyric andesite, basalt, and rare mudstone and sandstone clasts. Isolated monzonitic zones dominated by hornblende-phyric diorite. Sand-sized matrix is plagioclase and pyroxene crystal rich. This unit is locally interbedded with laminated mudstone to sandstone. Textures and clast boundaries are commonly obscured within this unit.
  - PxAD**, Dk, PxAnd, Pyroxene-phyric andesite dyke  
Fine grained, moderately magnesian dyke that has medium (< 5 mm) sized phenocrysts of euhedral pyroxene (25%) and subhedral plagioclase (50%) in a fine grained to aphanitic groundmass.
  - NACPI**, NicAnd\_cPIg, Nicola coarse-plagioclase-phyric andesite "Turkey Track"  
Coarse grained (up to 2 cm), euhedral lath-like plagioclase phenocrysts in an aphanitic groundmass. Trachytic texture defined by an alignment of plagioclase crystals locally developed. Chlorite filled amygdales, up to 5 cm, locally present. Fluidal rope-like bodies are observed on the upper and lower contacts of this unit.

- NAmPvPI**, NicAnd\_mPxPIg, Nicola medium-pyroxene-plagioclase-phyric andesite  
Massive to locally trachytic, porphyritic andesite with ~20% euhedral lath-like plagioclase phenocrysts up to 5 mm, > 25% subhedral pyroxene phenocrysts up to 5 mm, and locally present chlorite-filled amygdales up to 1 cm. The aphanitic to very fine grained groundmass is dark green to black. Chlorite-filled amygdales are locally present up to 1 cm. Fluidal rope-like bodies are observed on the upper and lower contacts of this unit.
- NACPx**, NicAnd\_cPx, Nicola coarse-pyroxene-phyric andesite  
Coarse grained (up to 1 cm), euhedral stumpy pyroxene (25%) and rare euhedral plagioclase laths (5%); up to 5 mm phenocrysts in an aphanitic dark green groundmass. Fluidal rope-like bodies are observed on the upper contacts of this andesite.
- NMF**, NicMafFrag, Nicola mafic fragmental  
Matrix-supported polymictic breccia to sandstone containing angular to subround clasts of fine plagioclase-phyric andesite (NicAnd\_cPIg) as well as clasts of plagioclase- and pyroxene-phyric andesite and basalt. The matrix is plagioclase and pyroxene crystal rich (up to 4 mm). Thinly to thickly bedded (bedding generally ~ 1 m thick) and is interbedded with mudstone.

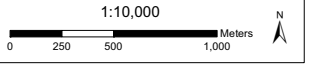
- Outcrop**
- YngBSLT
  - TakomkaneZMon, TKK
  - PighlPorMonz, PHzPM
  - Dk, Fndio/Fndio, FD
  - NicAnd\_mPIg, NAmPI
  - NicVolSS, NVSS
  - NicFelFrag, NFF
  - NicFelFrag (Andesitic), NFF
  - Dk, Htdio, Htdio
  - Dk, PxAnd, PxAD
  - NicAnd\_cPIg, NACPI
  - NicAnd\_mPxPIg, NAmPvPI
  - NicAnd\_cPx, NACPx
  - NicMafFrag, NMF

- Geochronology**
- Historic-Age Dates
  - Dated for Gold Fields by Bouzari et al., 2010 (MDRU)
- Claim Boundaries**
- Woodjam North
  - Woodjam South
- Symbols**
- Proven Fault
  - Inferred Fault
  - Bedding
  - Top of drill hole lithology
  - Rivers
  - Lakes
  - Local Roads
  - Topographic Contour



**Woodjam Property Mapping  
2010 Interpretation  
Geology of the Woodjam  
Property Core Area**

Blackwell, J., Lesage, G., Skinner, T., Eckfeldt, M., Hamilton, J., Hertel, J., Laird, B., Madsen, J., Rainbow, A., Sherlock, R., Sepp, M.



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