

### Legend

#### Intrusive Rocks

- Lower to Upper Jurassic**
- muDi Diorite
  - mJRYd Aplite dykes
  - JDl Medium-grained equigranular augite-plagioclase diorite and gabbro
- Upper Devonian and Mississippian**
- IMGR More Creek Plutonic Suite - equigranular to quartz-porphyritic granite
  - DMA Hypabyssal andesite to diorite
  - DMRYd Aplite dykes
  - IDDI Forrest Kerr Plutonic Suite - Heterogeneous, medium-grained hornblende diorite, quartz diorite mainly equigranular, gneissic in places
  - IDGR Forrest Kerr Plutonic Suite - Medium to coarse grained, pink biotite granite, monzonite and tonalite

#### Layered Rocks

- Lower to Upper Jurassic**
- Hazleton Group
- JSE Undifferentiated sediments
  - mJSEs Calcareous sandstones and siltstones with cherts, variably fossiliferous
  - mJBAI Andesite tuff, heterolithic lapilli tuff
  - mJBAF Andesite flow, typically massive, variably amygdaloidal and pillowed
  - mJSEM Mudstones, siltstones and sandstones
  - mJRY1 Rhyolite tuff, monolithic, ash to lapilli
  - mJRY2 Rhyolite flow, aphanitic, variably flow banded
  - JDTr Dacite tuffs; heterolithic, ash to lapilli
  - JDTrf Dacite flow
  - JDTrp Dacite porphyry, quartz and feldspar
  - JDTr2 Dacite porphyry, two feldspar
  - JDTr3 Dacite porphyry, feldspar +/- quartz and biotite
  - USAs Interbedded clastic sediments
  - US Black chert, siltstones and sandstones
  - UAt Distal andesitic tuff, crystal tuffs

#### Upper Triassic

- Stuhni Group
- uTrSEuTrBS Basalt and andesite with mixed sediments
  - uTrAt Thick bedded andesite tuffs with siltstone and sandstone
  - uTrSa Argillite with fine grained siltstone and sandstone
  - uTrSs Undifferentiated sediments

#### Upper Devonian and Mississippian

- Stikine Assemblage
- DMRY1 Rhyolite flow; typically massive
  - DMSa Argillite, banded green and maroon sediments
  - DMSc Carbonates
  - DMSm Mudstones, massive to poorly laminated, variably quartz frosted
  - DMV Chlorite schist, andesite flows and tuffs
  - DMSs Sediments, phyllites and schists
  - DMSBt Pale to dark green, well bedded siliceous dust and ash tuff, scoriaceous mafic tuff and minor pyritic felsic welded tuff
  - PSu Undifferentiated Paleozoic metamorphosed sediment and volcanic rock

#### Symbols

- Glacier
- Lake
- River
- Contour: Major (100m) and Minor (20m)
- Fault
- RDN 6 Mineral Claim Boundary

**RDN Soils (Au (ppb))**

- 10 to 12.9 (1)
- 7 to 10 (2)
- 0.25 to 7 (105)

**RDN & MOR Rocks (Au (ppb))**

- 1,000 to 6,180 (3)
- 50 to 1,000 (5)
- 20 to 50 (4)
- 0 to 20 (144)

27576

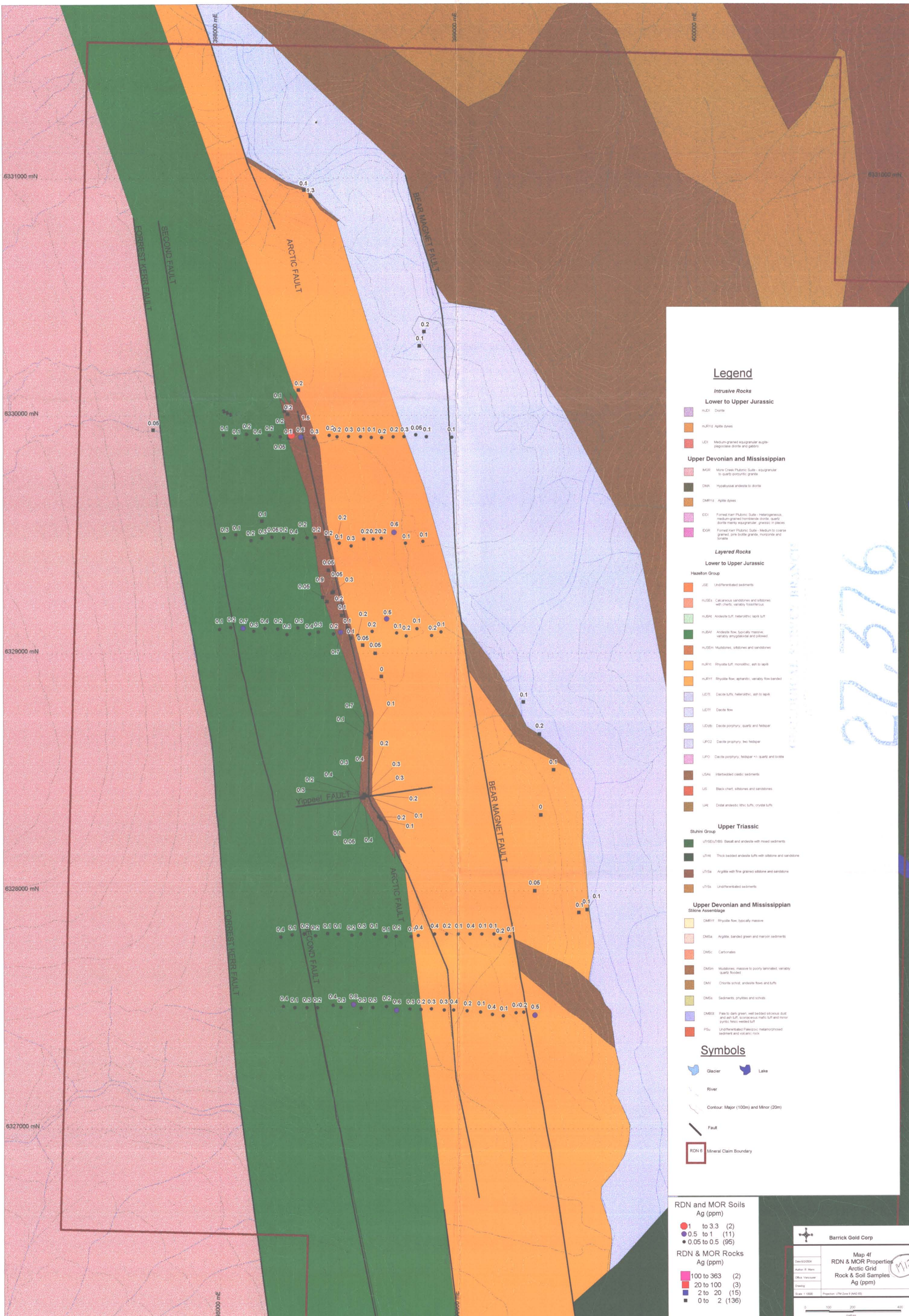
Barrick Gold Corp

Map 4e  
RDN & MOR Properties  
Arctic Grid  
Rock & Soil Samples  
Au (ppb)

Scale: 1:10000 Projection: UTM Zone 9 NAD 83

0 100 200 400 meters





**Legend**

**Intrusive Rocks**

**Lower to Upper Jurassic**

- NUJ1 Diorite
- NUJ10 Aplitic dikes
- LEJ1 Medium-grained equigranular augite-pyroxene diorite and gabbro

**Upper Devonian and Mississippian**

- MGR More Creek Plutonic Suite - equigranular to quartz porphyritic granite
- DMA Hypabyssal andesite to diorite
- DMF10 Aplitic dikes
- ECJ1 Forrest Kerr Plutonic Suite - heterogeneous, medium-grained hornblende diorite, quartz diorite, mainly equigranular, gabbro in places
- EGR Forrest Kerr Plutonic Suite - Medium to coarse grained, pink biotite granite, monzonite and tonalite

**Layered Rocks**

**Lower to Upper Jurassic**

**Hazleton Group**

- JSE Undifferentiated sediments
- HUSE1 Calcareous sandstones and siltstones with cherts, variably fossiliferous
- HUSA1 Andesite tuff, heterolithic, ash to lapilli
- HUBA1 Andesite flow, typically massive, variably amygdaloidal and banded
- HUSEH Mudstones, siltstones and sandstones
- HURY1 Rhyolite tuff, monolithic, ash to lapilli
- HURYH Rhyolite flow, aphanitic, variably flow banded
- LDJ1 Dacite tuff, heterolithic, ash to lapilli
- LDJH Dacite flow
- LDJH1 Dacite porphyry, quartz and feldspar
- LDJH2 Dacite porphyry, few feldspar
- LJPD Dacite porphyry, feldspar +/- quartz and biotite
- USA1 Interbedded clastic sediments
- US Black chert, siltstones and sandstones
- UA1 Dolerite andesite, tuff, crystal tuff

**Upper Triassic**

**Stuhni Group**

- UTSEU/TBS Basalt and andesite with mixed sediments
- UTRA1 Thick bedded andesite tuffs with siltstone and sandstone
- UTSA1 Argillite with fine grained siltstone and sandstone
- UTSA Undifferentiated sediments

**Upper Devonian and Mississippian**

**Silence Assemblage**

- DMH1 Rhyolite flow, typically massive
- DMSA Argillite, banded green and maroon sediments
- DMS1 Carbonates
- DMSH Mudstones, massive to poorly laminated, variably quartz floored
- DMV Chromite schist, andesite flows and tuffs
- DMS2 Sediments, phyllites and schists
- DMBS1 Pale to dark green, well bedded siliceous tuff and ash tuff, scoriaceous mafic tuff and minor tuffite, felsic welded tuff
- PSV Undifferentiated Paleozoic metamorphosed sediment and volcanic rock

**Symbols**

- Glacier
- Lake
- River
- Contour: Major (100m) and Minor (20m)
- Fault
- RDN 6 Mineral Claim Boundary

**RDN and MOR Soils Ag (ppm)**

- 1 to 3.3 (2)
- 0.5 to 1 (11)
- 0.05 to 0.5 (95)

**RDN & MOR Rocks Ag (ppm)**

- 100 to 363 (2)
- 20 to 100 (3)
- 2 to 20 (15)
- 0 to 2 (136)

27,376

Barrick Gold Corp

Map of RDN & MOR Properties Arctic Grid Rock & Soil Samples Ag (ppm)

Author: R. Mann  
 Office: Vancouver  
 Drawing: [ ]  
 Scale: 1:10000  
 Projection: UTM Zone 9 NAD 83

0 100 200 400 metres



### Legend

#### Intrusive Rocks

##### Lower to Upper Jurassic

- mDI Diorite
  - mRYE Aplite dykes
  - UCI Medium-grained equigranular ortho-phylic diorite and gabbro
- #### Upper Devonian and Mississippian
- MOR More Creek Plutonic Suite - equigranular to xenocrystic granite
  - DMA Hypabyssal andesite to diorite
  - DMRYE Aplite dykes
  - EDX Forest Kerr Plutonic Suite - heterogeneous, medium-grained hornblende diorite, quartz diorite mainly equigranular, gabbro in places
  - ICOR Forest Kerr Plutonic Suite - medium to coarse grained, pink to light granite, monzonite and tonalite

#### Layered Rocks

##### Lower to Upper Jurassic

- #### Hazleton Group
- JSE Undifferentiated sandstones
  - mJSE Carbonaceous sandstones and siltstones with chert, variably fossiliferous
  - mJSA Andesite tuff, heterolithic tuff tuff
  - mJSAF Andesite flow, typically massive, variably embayonated and pillowed
  - mJSEst Mudstone, siltstone and sandstone
  - mJRYE Rhyolite tuff, monolithic, ash to lapilli
  - mJRYE Rhyolite flow, aphanitic, variably flow banded
  - LDRI Diabase tuff, heterolithic, ash to lapilli
  - LDRI Diabase flow
  - LDRI Diabase porphyry, quartz and feldspar
  - LDRI Diabase porphyry, two feldspar
  - LPO Diabase porphyry, feldspar +/- quartz and biotite
  - LSAe Interbedded clastic sediments
  - LS Black chert, siltstone and sandstone
  - LSA Diol andesite tuff, crystal tuff

#### Upper Triassic

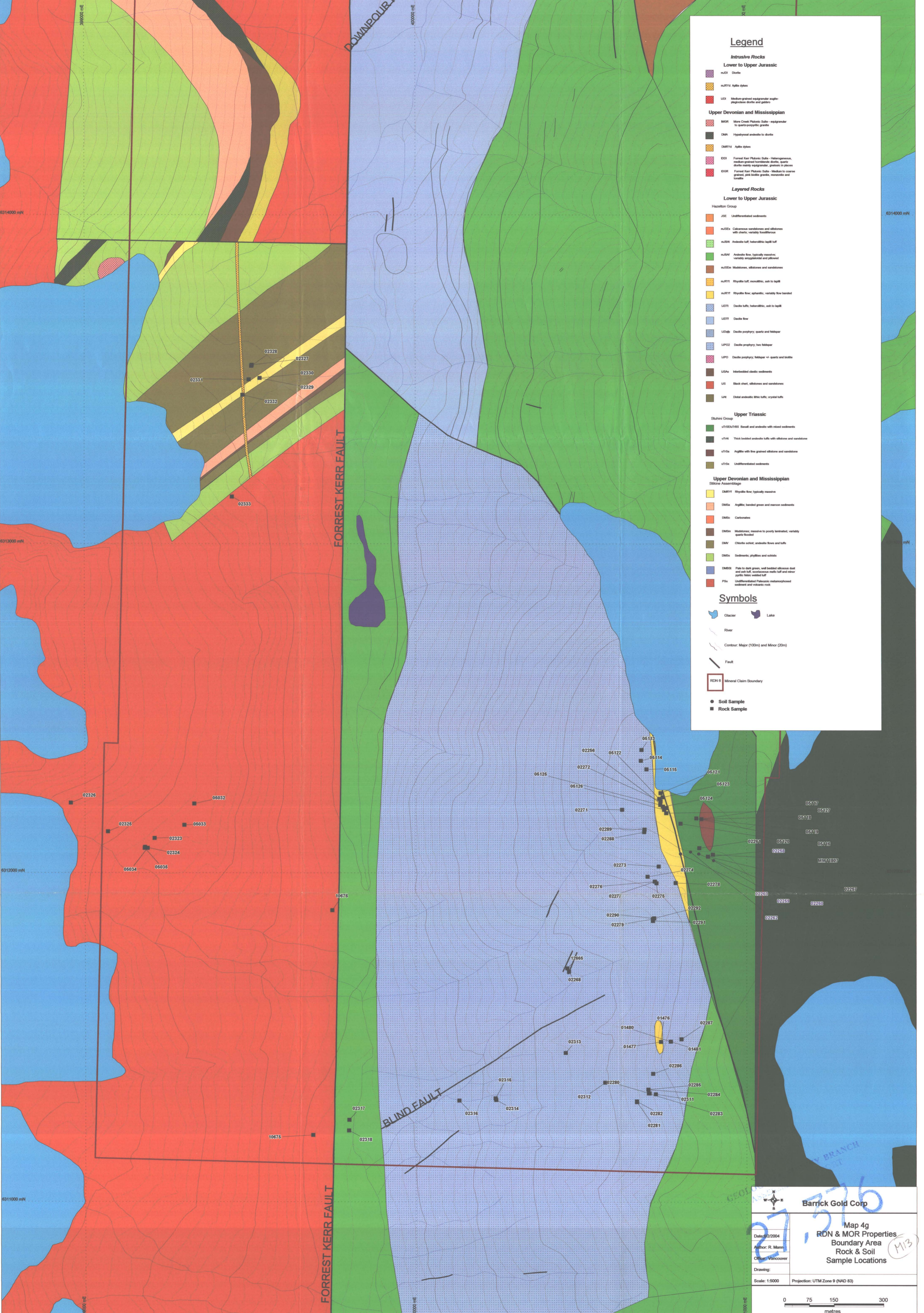
- #### Stuhini Group
- UTSEARIES Basalt and andesite with mixed sediments
  - UTAN Thick bedded andesite tuff with siltstone and sandstone
  - UTRIE Argillite with fine grained siltstone and sandstone
  - UTRIE Undifferentiated sandstone

#### Upper Devonian and Mississippian

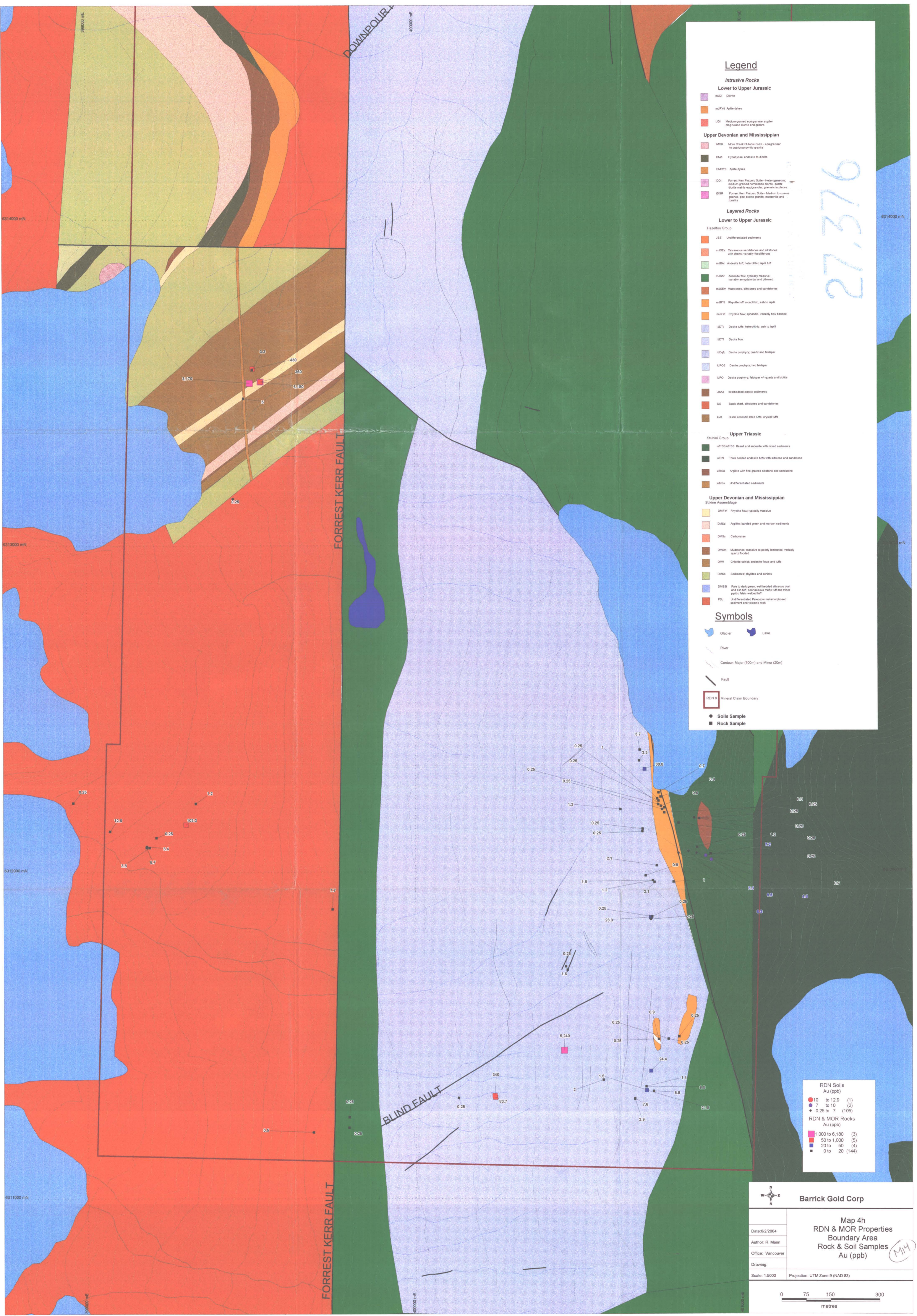
- #### Siskine Assemblage
- DMRYE Rhyolite flow, typically massive
  - DMSa Argillite, banded green and maroon sediments
  - DMSb Carbonates
  - DMSc Mudstone, massive to poorly laminated, variably quartz floccid
  - DMV Chlorite schist, andesite flows and tuffs
  - DMSd Sediments, phyllites and schists
  - DMSf Fine to dark green, well bedded chlorite schist and ash tuff, sometimes mafic tuff and minor phyllite tuff, massive tuff
  - PTa Undifferentiated Proterozoic metamorphosed sediment and volcanic rock

#### Symbols

- Glacier
- Lake
- River
- Contour: Major (100m) and Minor (20m)
- Fault
- Mineral Claim Boundary
- Soil Sample
- Rock Sample







**Legend**

**Intrusive Rocks**

- Lower to Upper Jurassic**
- mUDI Diolite
  - mURYd Apatite dykes
  - UDI Medium-grained equigranular aegirine-epidioritic diorite and gabbro

**Upper Devonian and Mississippian**

- MOR More Creek Pluton Suite - equigranular to subvolcanic granite
- DMA Hypabyssal andesite to diorite
- DMRYd Apatite dykes
- IGD Formed Kerr Pluton Suite - intergranular, medium-grained hornblende diorite, quartz, diorite, mafic microgranular, gneissic in places
- IGDR Formed Kerr Pluton Suite - medium to coarse grained, pink biotite granite, monzonite and tonalite

**Layered Rocks**

**Lower to Upper Jurassic**

**Hazelton Group**

- JSE Un differentiated sediments
- mJSEd Carbonaceous sandstones and siltstones with cherts, variably fossiliferous
- mJBA Andesite tuff, heterolithic, lapilli tuff
- mJBF Andesite flow, typically massive, variably amygdaloidal and pillowed
- mJSEn Mudstones, siltstones and sandstones
- mJRYd Rhyolite tuff, monolithic, ash to lapilli
- mJRYf Rhyolite flow, aphanitic, variably flow banded
- UDTf Diolite tuffs, heterolithic, ash to lapilli
- UDTf Diolite flow
- UDfDf Diolite porphyry, quartz and feldspar
- LUPOD Diolite porphyry, low feldspar
- LUPO Diolite porphyry, feldspar +/- quartz and biotite
- USAe Interbedded elastic sediments
- US Black chert, siltstones and sandstones
- UA Distal andesitic tuff, crystal tuffs

**Upper Triassic**

**Stuhni Group**

- UTSEAU/BS Basalt and andesite with mixed sediments
- UTAN Thick bedded andesite tuffs with siltstone and sandstone
- UTSa Argillite with fine grained siltstone and sandstone
- UTSa Un differentiated sediments

**Upper Devonian and Mississippian**

**Stobie Assemblage**

- DMRYf Rhyolite flow, typically massive
- DMSa Argillite banded green and maroon sediments
- DMSc Carbonates
- DMSn Mudstones, massive to poorly laminated, variably sandy beds
- DMV Chlorite schist, andesite flows and tuffs
- DMSa Sediments, phylites and schists
- DMSB Pale to dark green, well bedded siliceous silt and ash tuff, micaceous mafic tuff and minor pyritic felsic welded tuff
- PSu Un differentiated Pleistocene metamorphosed sediment and volcanic rock

**Symbols**

- Glacier
- Lake
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- Contour: Major (100m) and Minor (20m)
- Fault
- Mineral Claim Boundary
- Soils Sample
- Rock Sample

27,376

RDN Soils Au (ppb)	
● 10 to 12.9 (1)	
● 7 to 10 (2)	
● 0.25 to 7 (105)	
RDN & MOR Rocks Au (ppb)	
■ 1,000 to 6,180 (3)	
■ 50 to 1,000 (5)	
■ 20 to 50 (4)	
■ 0 to 20 (144)	

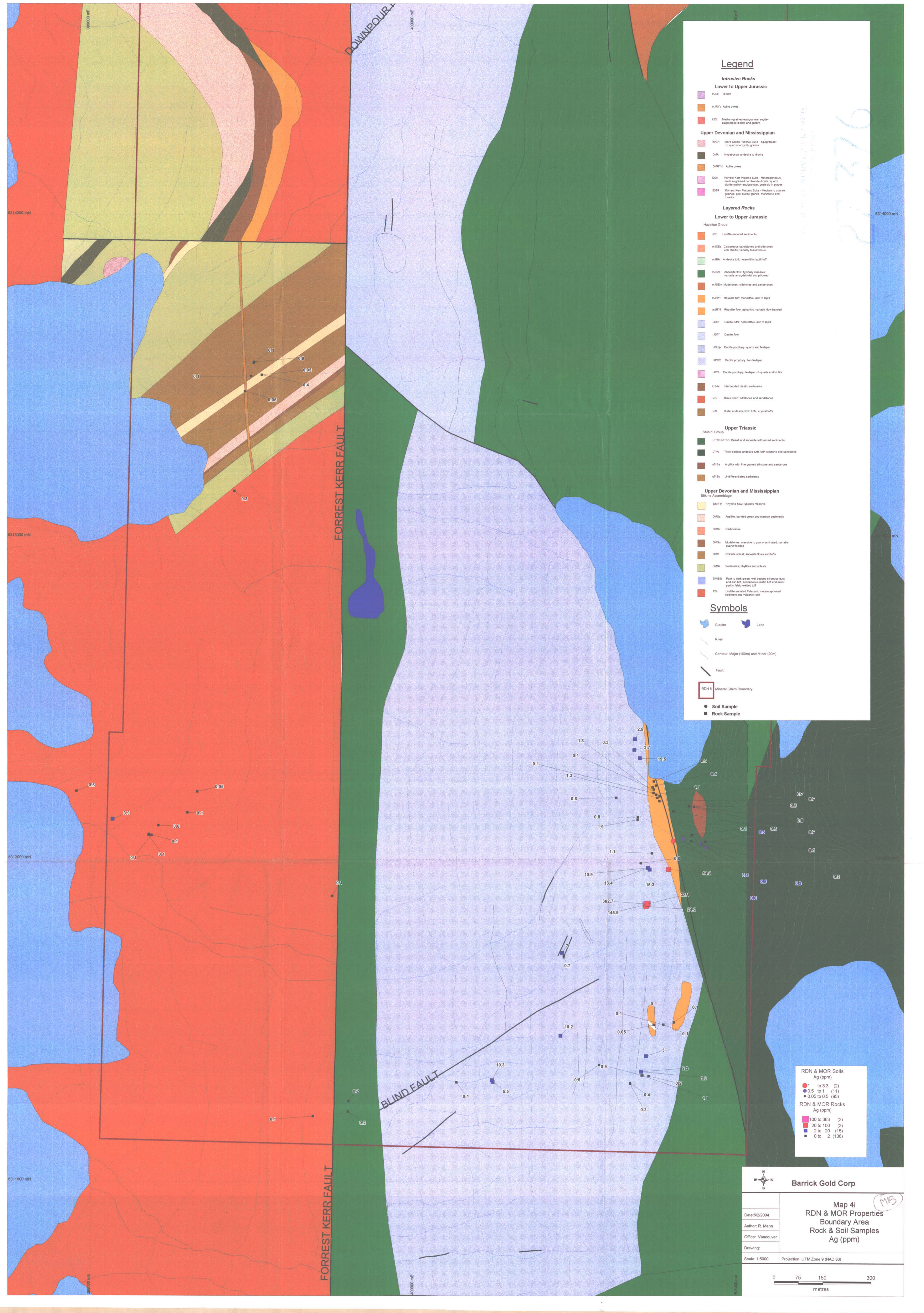
**Barrick Gold Corp**

**Map 4h**  
RDN & MOR Properties  
Boundary Area  
Rock & Soil Samples  
Au (ppb)

Date: 6/2/2004  
Author: R. Mann  
Office: Vancouver  
Drawing:  
Scale: 1:5000  
Projection: UTM Zone 9 (NAD 83)

(M4)





**Legend**

**Intrusive Rocks**

**Lower to Upper Jurassic**

- muDi Diorite
- muRYA Aplite dykes
- UDi Medium-grained equigranular augite-plagioclase diorite and gabbro

**Upper Devonian and Mississippian**

- MOR More Crustal Plutonic Suite - equigranular to quartziferous granite
- DMA Hypabyssal andesite to diorite
- DARyA Aplite dykes
- IDiI Forest Kerr Plutonic Suite - heterogeneous, medium-grained hornblende diorite, quartziferous, finely equigranular granite to plagioclase
- IDiR Forest Kerr Plutonic Suite - Medium to coarse grained, pink biotite granite, monzonite and tonalite

**Layered Rocks**

**Lower to Upper Jurassic**

- Hazleton Group**
- JSE Unlithified sediments
  - muJSE Calcareous sandstones and siltstones with cherts, variably fossiliferous
  - muJSA Andesite tuff, heterolithic, lapilli tuff
  - muJSAF Andesite flow, typically massive, variably amygdaloidal and pillowed
  - muJSEB Mudstones, siltstones and sandstones
  - muJRY Rhyolite tuff, monolithic, ash to lapilli
  - muJRYF Rhyolite flow, aphanitic, variably flow banded
  - UDTi Diatase tuffs, heterolithic, ash to lapilli
  - UDTiF Diatase flow
  - UDiDp Diatase porphyry, quartz and feldspar
  - UDiDf Diatase porphyry, two feldspar
  - UDiD Diatase porphyry, feldspar +/- quartz and biotite
  - USAH Interbedded clastic sediments
  - US Black chert, siltstones and sandstones
  - UW Distal andesitic tuff, crystal tuffs

**Upper Triassic**

- Stuhini Group**
- uTSEAT/TSB Basalt and andesite with mixed sediments
  - uTSA Thick bedded andesite tuffs with siltstone and sandstone
  - uTSA Argillite with fine grained siltstone and sandstone
  - uTSDa Undifferentiated sediments

**Upper Devonian and Mississippian**

- Stobie-Antennozooge**
- DMRYF Rhyolite flow, typically massive
  - DMSa Argillite, banded green and maroon sediments
  - DMSc Carbonates
  - DMSm Mudstones, massive to poorly laminated, variably sandy bedded
  - DMAV Chlorite schist, andesite flows and tuffs
  - DMSa Sediments, phyllites and schists
  - DMSB Pale to dark green, well bedded siliceous silt and ash tuff, scoriaceous mafic tuff and minor pyritic felsic welded tuff
  - PSU Undifferentiated Paleozoic metamorphosed sediment and volcanic rock

**Symbols**

- Glacier
- Lake
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- Contour: Major (100m) and Minor (20m)
- Fault
- RDN 6 Mineral Claim Boundary
- Soil Sample
- Rock Sample

**RDN & MOR Soils**  
Ag (ppm)

- 1 to 3.3 (2)
- 0.5 to 1 (11)
- 0.05 to 0.5 (95)

**RDN & MOR Rocks**  
Ag (ppm)

- 100 to 363 (2)
- 20 to 100 (3)
- 2 to 20 (15)
- 0 to 2 (136)

**Barrick Gold Corp**

**Map 4i**  
RDN & MOR Properties  
Boundary Area  
Rock & Soil Samples  
Ag (ppm)

Date: 6/2/2004  
Author: R. Mann  
Office: Vancouver  
Drawing:  
Scale: 1:5000 Projection: UTM Zone 9 (NAD 83)

0 75 150 300 metres

M15