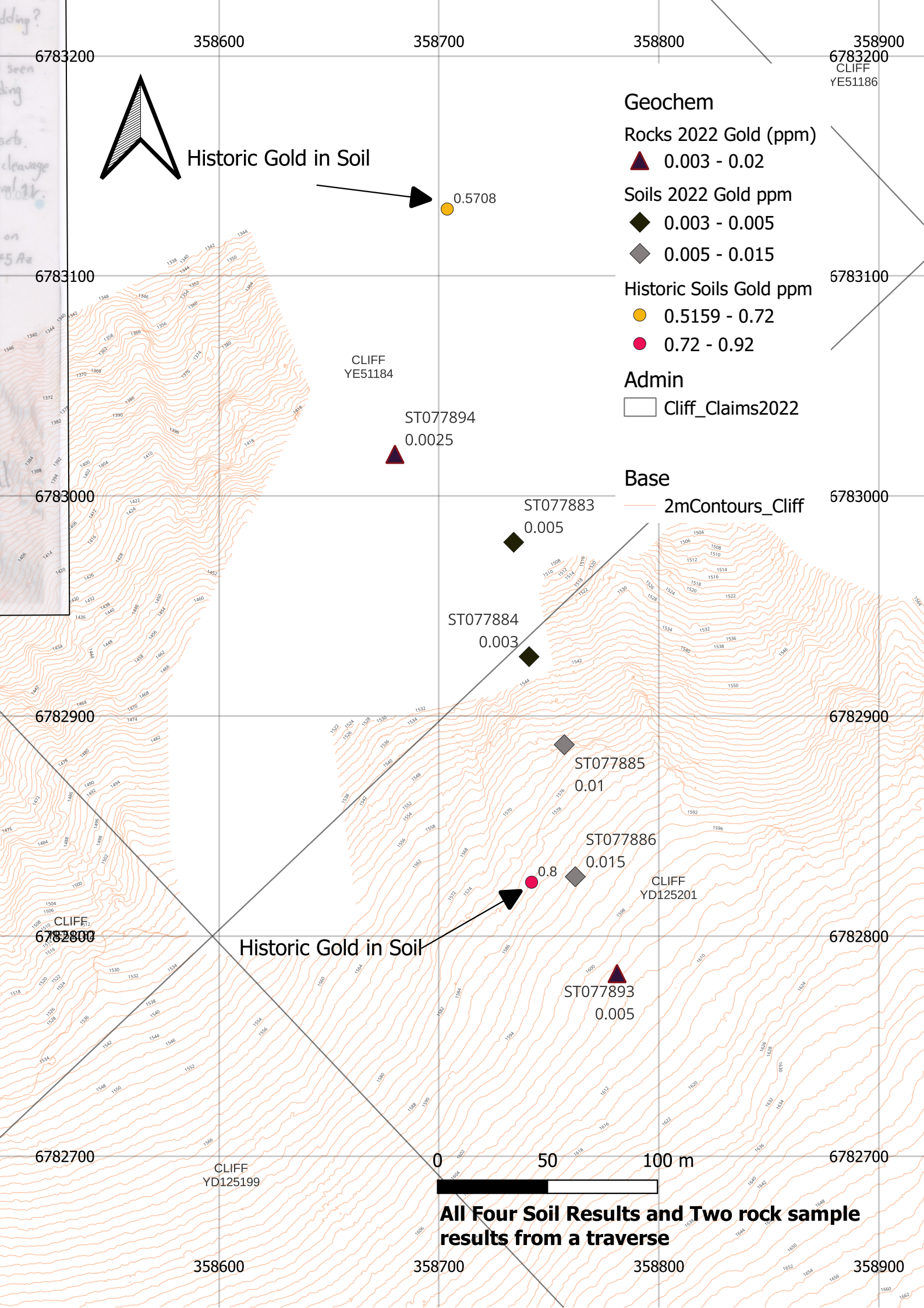
8. Appendix H- Maps


358600
358700
358800
358900
6783200
6783100
6783000
6782900
6782800
6782700
CLIFF
YE51186
CLIFF
YE51184
CLIFF
YD125201
CLIFF
YD125199
Historic Gold in Soil
0.5708
ST077894
0.0025
ST077883
0.005
ST077884
0.003
ST077885
0.01
ST077886
0.015
0.8
Historic Gold in Soil
ST077893
0.005
Geochem
Rocks 2022 Gold (ppm)
0.003 - 0.02
Soils 2022 Gold ppm
0.003 - 0.005
0.005 - 0.015
Historic Soils Gold ppm
0.5159 - 0.72
0.72 - 0.92
Admin
Cliff_Claims2022
Base
2mContours_Cliff
0
50
100 m
All Four Soil Results and Two rock sample results from a traverse

357700 | 357800 | 357900 | 358000 | 358100 | 358200 | 358300 | 358400 | 358500

357700 mE

6783400 | 6783400mN

6783300

6783100

6783000 mN

358200mE

6783400mN

6783200

6783100

6783000 mN

0.5×0.5m boulder of quartz-lim-sericite-chlorite vein breccia. Clasts include smoky quartz and a 5cm long by 1cm kyanite crystal

0.5% qtz vein float and veins in qtz-biotite schist boulders

white qtz vein with <1% rose quartz?

qtz-biotite, muscovite, Po, chalcopyrite, lim vein float

5, 170/65, 3-4mm wide quartz veins, with sericite halos

190/75 ends on the 170/60 JOINTS

300/90 QV

minor fault or intense JN

3 veins over 12m

1cm wide

165/55 stacked qtz-aspy veins into/as QV

No visible offset

3m segment qtz vein x-cut by 165/55 qtz-aspy veins

x-cuts the 175/65 JNS

trace aspy vein

210/90 rusty fractures observed

No veins

trace aspy veins

rusty joints with aspy rubble

rubble on either side of gully

N-S VEIN WITH BLEED INTO 175/70 JN

unmineralized

255 Az. FOLD HINGE

rusty vein joints in rubble

minor rusty joints

0.9m wide qtz vein

dyke pinches out

Z40 hackly

joints are a bit reddish in talus

~5cm wide veins

240 rough, hackly joint

330/70

350/70 smooth surface fault + joints

with vcg muscovite

qz-muscovite rhodochrosite vein

Soil pit

rusty fragments

Carbonate staining/crust

GREY rare intermediate early veins

30cm wide

NO VEINS

240 - HD SLICKS

DOWN

UP

235 SLICKS 5cm wide

Mineralized Corridor? 075Az

Grey Gneiss boulder field

Angular boulder Talus Field Grey

Angular boulder field with grey joints

LOOKS GREY UNMINERALIZED

LEGEND

- Quartz Biotite Gneiss, ~20% biotite, 0-2mm qtz layers with biotite inbetween. with shear textured quartz interlayered biotite (thin) and thicker qtz lenses
- Outcrop outline
- Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic
- Kyanite indicating the presence of grey-bluish elongate crystals
- Granodiorite, ~1% biotite
- Quartz-Arsenopyrite
- Mafic DYKE, fine grained, dark grey, equigranular
- CLEAVAGE
- VEIN
- DASHES ARE float & talus
- CONTACT

NOTE: * Minor Actinolite-Tremolite? of illite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 so? - Maybe just tectonized. but also a single layer seen on 075/60 JN.

* 240 Az joints are rough, hackly indicating no shear/fault sense of movement. 175 Az joints are smooth and often slickensided, and cross-cut the 240 Az joints.

→ example of 240 Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250 Az in as far as they are seen in outcrop. Is it possibly a 250 Az fold hinge? and relict bedding surfaces are the 255-075 Az joints.

* Some joints at the 175/60 orientation show early quartz vein offsets. The surface has lineations, poorly developed that are aligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ↓↓.

* Arsenopyrite occurences in outcrop, float and rubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075 Az jointing.

1:2000 scale
NAD83 Z8 UTM

Drawn by: SHANE CARLOS
Sept. 1st 2022.

BASE MAP:
- Au in Soils in ppb ○
- Au in Rocks in ppm ◇
} Historic Data
- 2m contours generated from digital elevation model

NAD83 Z8

C1

356900
357000
357100
357200
357300
357400
357500
357600
6783400
6783300
6783200
6783100
6783000
N
6783400 m N
357000mE
357400mE
6783000mN
* The E-W Joints are cross-cut by the N-S joints.
0.0458
0.0664
0.2
0.0343
0.0221
0.0487
0.0177
0.0575
0.0013
0.0204
0.1092
0.1422
0.0104
0.0198
0.11
0.11
0.47
0.0368
0.0391
0.0779
0.0416
0.12
0.051
0.01
0.0313
0.0342
0.0303
0.0211
0.0326
0.0683
0.0353
0.053
0.059
0.092
0.085
0.0757
rare early white qtz veins
no rust
rusty gneiss float with 3-4mm QV cross-cutting schistosity
070/70 JN is hackly and wavy and is cross-cut by the smooth, often slickensided 165/70 JN
limonitic stained saccharoidal qtz vein 3cm
SLICKS 330
No rust No veins
rusty joint surfaces
1m wide mafic dyke
1/2m mafic dyke
float
rusty qtz veinlet float
SLICKS
1:2000 scale
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.
C2

357700 | 357800 | 357900 | 358000 | 358100 | 358200 | 358300 | 358400 | 358500

357700mE | 358200mE

6783400mN | 6783300 | 6783100 | 6783000mN

N

0.5×0.5m boulder of quartz-lim-sericite-chlorite vein breccia. Clasts include smoky quartz and a 5cm long by 1cm kyanite crystal

0.5% qtz vein float and veins in qtz-biotite schist boulders

white qtz vein with <1% rose quartz?

qtz-biotite, muscovite, Po, chalcopyrite, lim

ST078149 float

5, 170/65, 3-4mm wide quartz veins, with sericite halos

170/75 ends on the 170/60 JOINTS

with vcg muscovite

ST077912 5cm wide veins

240 rough, hackly joint

330/70 smooth surface fault ejoints

trace AsPy

rusty joints with aspy rubble

rubble on either side of gully

255Az. FOLD HINGE

rusty vein joints in rubble

joints are a bit reddish in talus

minor rusty joints

dyke pinches out

unmineralized

no veins observed

trace aspy vein

3 veins over 12m

16cm wide 165/65 steeled qtz-aspy veins with 45 qv at the vein meet by 165/55 qtz-aspy ka veins

NO VEINS

NO VEINS

30cm wide

rusty fragments

soil pit

carbonate staining/crust

GREY rare metamorphic early veins

qtz-muscovite rhodochrosite vein

DOWN | up

235 CLICKS

ST075825 | ST075826 | ST077901 | ST077903 | ST077909 | ST077906 | ST077904 | ST077905 | ST077910 | ST077917 | ST077900 | ST077908 | ST077907 | ST077914 | ST078148 | ST077915 | ST075817 | ST075822 | ST075818 | ST075819 | ST078147 | ST077913 | ST075820 | ST075821 | ST078150 | ST077898 | ST075823 | ST078146 | ST077897 | ST077896 | ST077902 | ST078145 | ST078144

0.0324 | 0.046 | 0.036 | 0.0364 | 1.1 | 0.067 | 0.3 | 0.0752 | 0.2 | 0.0361 | 0.0552 | 0.1 | 0.09 | 0.51 | 0.0628 | 0.3706 | 0.44 | 0.0216 | 0.0108 | 0.002 | 0.0656 | 0.0044

Grey Gneiss boulder field

Angular boulder Talus Field Grey

Corridor? 075Az

Mineralized

Angular boulder field with grey joints

LOOKS GREY UNMINERALIZED

0.0604 | 0.0776 | 0.0352 | 0.0279 | 0.057 | 0.07 | 0.1 | 0.0234 | 0.9 | 0.16 | 0.0306 | 0.0828 | 0.0391 | 0.0606 | 0.08 | 0.0799 | 0.14 | 0.3377

ST077895

LEGEND

- Quartz Biotite Gneiss, ~20% biotite, 0.2mm qtz layers with biotite inbetween with shear textured quartz interlayered biotite (thin) and thicker qtz lenses
- Outcrop outline
- Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic
- Kyanite - indicating the presence of grey-bluish elongate crystals
- Granodiorite, ~1% biotite
- Quartz-Arsenopyrite
- Mafic DYKE, fine grained, dark grey, equigranular
- CLEAVAGE
- VEIN
- DASHES ARE float & talus
- CONTACT

NOTE: * Minor Actinolite-Tremolite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 SO? - Maybe just tectonized of illite?

but also a single layer seen on 075/60 JN.

* 240Az joints are rough, hackly indicating no shear/fault sense of movement. 175Az joints are smooth and often slickensided, and crosscut the 240Az joints.

→ example of 240Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250Az in as far as they are seen in outcrop. Is it possibly a 250Az fold hinge? and relict bedding surfaces are the 255-075Az joints.

* Some joints at the 175/60 orientation show early quartz vein off-sets. The surface has lineations, poorly developed that are alligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ??.

* Arsenopyrite occurences in outcrop, float and rubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075Az jointing.

1:2000 scale
NAD83 Z8 UTM

Drawn by: SHANE CARLOS
Sept. 1st 2022.

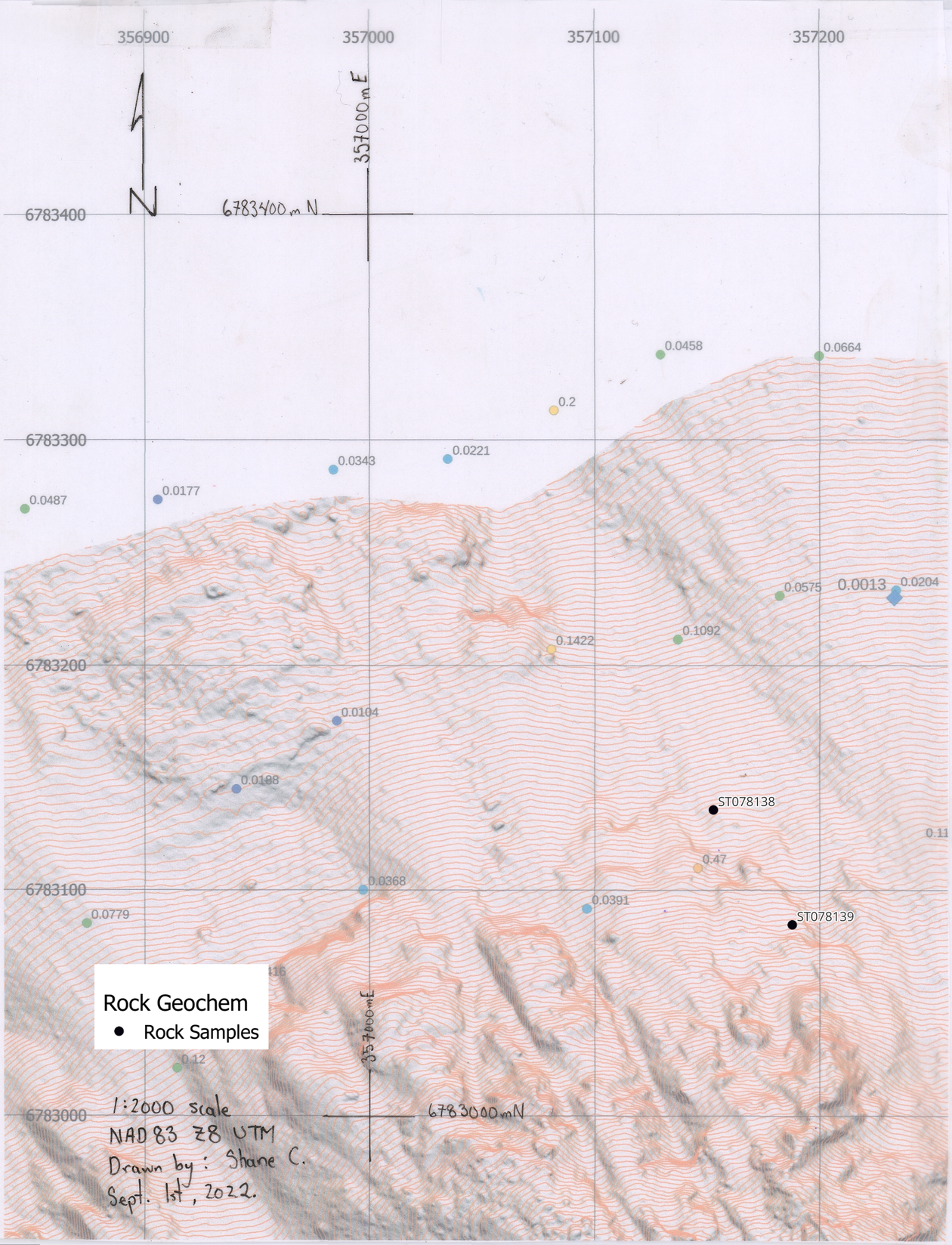
BASE MAP: • Au in Soils in ppb ○ } Historic Data
• Au in Rocks in ppm ◇
• 2m contours generated from digital elevation model

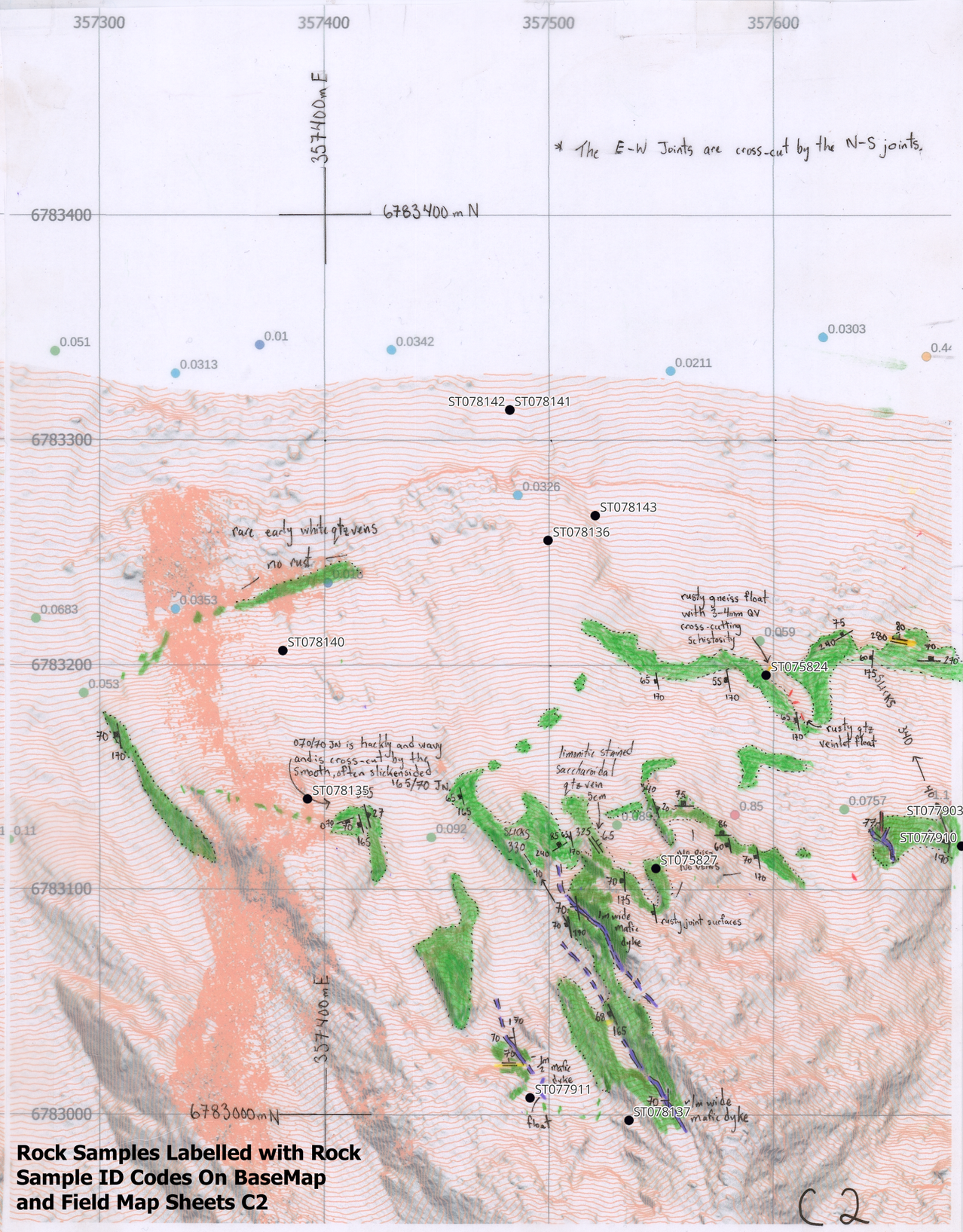
NAD 83 Z8

Rock Geochem
- Rock Samples

Rock Samples Labelled with Rock Sample ID Codes On BaseMap and Field Map Sheets C1

C1


356900
357000
357100
357200
6783400
6783300
6783200
6783100
6783000
357000mE
6783400mN
6783000mN
0.0487
0.0177
0.0343
0.0221
0.2
0.0458
0.0664
0.0575
0.0013
0.0204
0.1422
0.1092
0.0104
0.0198
ST078138
0.11
0.11
0.47
0.0368
0.0391
ST078139
0.0779
0.12
Rock Geochem
Rock Samples
1:2000 scale
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.


357300
357400
357500
357600
357400mE
6783400mN
6783400
6783300
6783200
6783100
6783000
* The E-W Joints are cross-cut by the N-S joints.
0.051
0.0313
0.01
0.0342
0.0211
0.0303
ST078142
ST078141
0.0326
ST078143
ST078136
rare early white qtz veins
no rust
0.013
0.0353
0.0683
ST078140
rusty gneiss float with 3-4mm QV cross-cutting schistosity
0.059
ST075824
SLICKS
rusty qtz veinlet float
0.053
070/70 JN is hackly and wavy and is cross-cut by the smooth, often slickensided 165/70 JN
ST078135
limonitic stained saccharoidal qtz vein 3cm
0.085
0.092
0.0757
ST077903
ST077910
ST075827
1m wide mafic dyke
rusty joint surfaces
ST077911
float
ST078137
1m wide mafic dyke
Rock Samples Labelled with Rock Sample ID Codes On BaseMap and Field Map Sheets C2
C 2

357700 | 357800 | 357900 | 358000 | 358100 | 358200 | 358300 | 358400 | 358500

357700mE

6783400mN

6783300

6783100

6783000mN

N

0.5×0.5m boulder of quartz-lim-sericite-chlorite vein breccia. Clasts include smoky quartz and a 5cm long by 1cm kyanite crystal

0.5% qtz vein float and veins in qtz-biotite schist boulders

white qtz vein with <1% rose quartz?

qtz-biotite, musc, Po, chalcopyrite, lim vein float

5, 170/65, 3-4mm wide quartz veins, with sericite halos

170/75 ends on the 170/60 Joints

minor fault or intense JN

3 veins over 12m

1cm wide 165/65 sheeted qtz-aspy veins, NO Au?

NO VEINS

30cm wide

Fault 350/20

No Au veins observed

trace aspy vein

trace aspy

with vcg muscovite

granodiorite

rusty joints with aspy rubble

rubble on either side of gully

rusty vein joints in rubble

255 Az. FOLD HINGE

joints are a bit reddish in talus

minor rusty joints

dyke pinches out

unmineralized

soil pit

rusty fragments

carbonate staining/crust

GREY fine metamorphic early veins

qtz-muscovite rhodochrosite vein

DOWN up

NO SLICKS

55 SLICKS

5cm wide veins

240 rough, hackly joint

330/70 smooth surface fault ejoints

N-S VEIN WITH BLEED INTO 175/70 JN

0.0025 | 0.009 | 0.067 | 0.3 | 0.0752 | 0.0364 | 1.1 | 0.005 | 0.014 | 0.2 | 0.0361 | 0.014 | 0.0552 | 0.1 | 0.011 | 0.0025 | 0.0025 | 0.044 | 1.305 | 0.719 | 0.033 | 0.093 | 0.173 | 0.043 | 0.0077 | 0.007 | 0.0025 | 0.013 | 0.017 | 0.0025 | 0.006 | 6.03 | 0.0025 | 26.9 | 5.29 | 95.05 | 0.02 | 11.15 | 6.36 | 0.043 | 5.65 | 0.0025

Grey Gneiss boulder field

Angular boulder Talus Field Grey

Corridor? 075Az

Mineralized

Angular boulder field with grey joints

LOOKS GREY UNMINERALIZED

0.0604 | 0.0776 | 0.0352 | 0.0279 | 0.07 | 0.1 | 0.0234 | 0.9 | 0.16 | 0.0306 | 0.0025 | 0.0828 | 0.0044 | 0.08 | 0.0799 | 0.14 | 0.3377

LEGEND

- Quartz Biotite Gneiss, ~20% biotite, 0.2mm qtz layers with biotite inbetween with shear textured quartz interlayered biotite (thin) and thicker qtz lenses
- Outcrop outline
- Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic
- Kyanite - indicating the presence of grey-bluish elongate crystals
- Granodiorite, ~1% biotite
- Quartz-Arsenopyrite
- Mafic DYKE, fine grained, dark grey, equigranular
- CLEAVAGE
- VEIN
- DASHES ARE float & talus
- CONTACT

of illite?

but also a single layer seen on 075/60 JN.

NOTE: * Minor Actinolite-Tremolite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 SO? - Maybe just tectonized.

* 240 Az joints are rough, hackly indicating no shear/fault Sense of movement. 175 Az joints are smooth and often slickensided, and crosscut the 240 Az joints.

→ example of 240 Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250 Az in as far as they are seen in outcrop. Is it possibly a 250 Az fold hinge? and relict bedding surfaces are the 255-075 Az joints.

* Some joints at the 175/60 orientation show early quartz vein off-sets. The surface has lineations, poorly developed that are alligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ??

* Arsenopyrite occurences in outcrop, float and rubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075 Az jointing.

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.093 - 0.294
- 0.294 - 1.1
- 1.1 - 4.37
- 4.37 - 5.65
- 5.65 - 6.36
- 6.36 - 15.05
- 15.05 - 26.9

Rock Samples Labelled with Au in ppm On BaseMap and Field Map Sheets C1

1:2000 scale
NAD83 Z8 UTM
Drawn by: SHANE CARLOS
Sept. 1st 2022.

BASE MAP: • Au in Soils in ppb } Historic Data
• Au in Rocks in ppm
• 2m contours generated from digital elevation model

NAD83 Z8

C1

356900 357000 357100 357200

357000mE

6783400mN

N

6783400 6783300 6783200 6783100 6783000

0.0458 0.0664 0.2 0.0343 0.0221 0.0487 0.0177 0.0575 0.0013 0.0204 0.1092 0.1422 0.0104 0.0188 0.0025 0.11 0.11 0.47 0.0368 0.0391 0.0779 0.0025 0.12

357400mE

6783000mN

Rock Geochem

Gold (ppm)

- ▲ 0.003 - 0.02
- ▲ 0.02 - 0.093
- △ 0.294 - 1.1

1:2000 scale
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.

Rock Samples Labelled with Au in ppm On Base Map and Field Map Layer Sheet C2

357300 357400 357500 357600

357400mE

6783400mN

* The E-W Joints are cross-cut by the N-S joints.

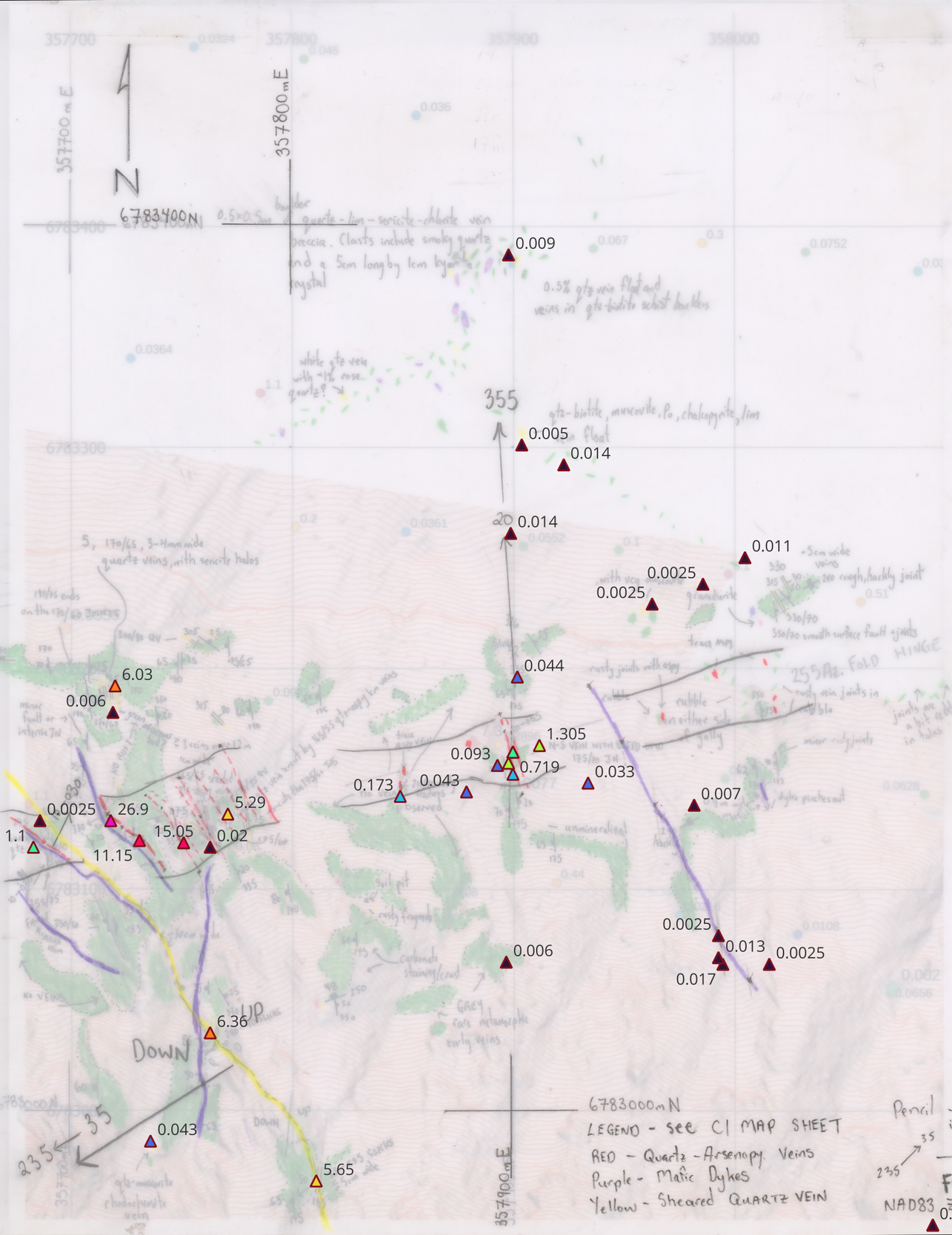
6783400 6783300 6783200 6783100 6783000

0.051 0.01 0.0313 0.0342 0.0303 0.0211 0.0025 0.0025 0.0326 0.0025 0.0025 rare early white qtz veins no rust 0.0353 0.0683 0.0025 rusty gneiss float with 3-4mm QV cross-cutting schistosity 0.059 0.012 0.053 070/70 JN is hackly and wavy and is cross-cut by the smooth, often slickensided 165/70 JN. 0.0025 limonitic stained Saccharoidal qtz vein 3cm 0.089 0.85 0.0757 0.0025 0.092 SLICKS 330 0.008 NO VEINS rusty joint surfaces 1m wide mafic dyke 0.05 float 0.007 1m wide mafic dyke

357400mE

6783000mN

C2



LEGEND

Quartz Biotite Gneiss, ~20% biotite, 0.2mm qtz layers with biotite inbetween with shear textured quartz interlayered biotite (1mm) and thicker qtz lenses

outcrop outline

Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic

Kyanite - indicating the presence of grey-bluish elongate crystals

Granodiorite, ~1% biotite

Quartz-Arsenopyrite

Mafic DYKE, fine grained, dark grey, equigranular

CLEAVAGE

VEIN

CONTACT

DASHES ARE float & talus

NOTE: *Minor Actinolite-Tremolite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 SO? - Maybe just tectonized.

N 240 Az joints are rough, tackly indicating no shear/fault sense of movement. 175 Az joints are smooth and often slickensided, and cross-cut the 240 Az joints.

→ example of 240 Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250 Az in as far as they are seen in outcrop. Is it possibly a 250 Az fold hinge? and relict bedding surfaces are the 255-075 Az joints.

* Some joints at the 175/60 orientation show early quartz vein offsets. The surface has lineations, poorly developed that are aligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ??

* Arsenopyrite occurences in outcrop, float and cubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075 Az jointing.

1:2000 scale
NAD83 Z8 UTM
Drawn by: SHANE CARLOS
Sept. 1st 2022.

BASE MAP: • Au in Soils in ppb ○ } Historic Data
• Au in Rocks in ppm ◇
• 2m contours generated from digital elevation model

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.093 - 0.294
- 0.294 - 1.1
- 1.1 - 4.37
- 4.37 - 5.65
- 5.65 - 6.36
- 6.36 - 15.05
- 15.05 - 26.9

Rock Samples Labelled with Au in ppm On Base Map, Field Map and Interpretive Map Layer Sheet C1

C1C-1 Interp

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.294 - 1.1

Rock Samples Labelled with Au in ppm On Base Map, Field Map and Interpretive Map Layer Sheet C2

1:2000
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.

C2 - Interp

LEGEND

40 → 330 - PLUNGE & TREND of fault slicks

Purple - Mafic Dyke

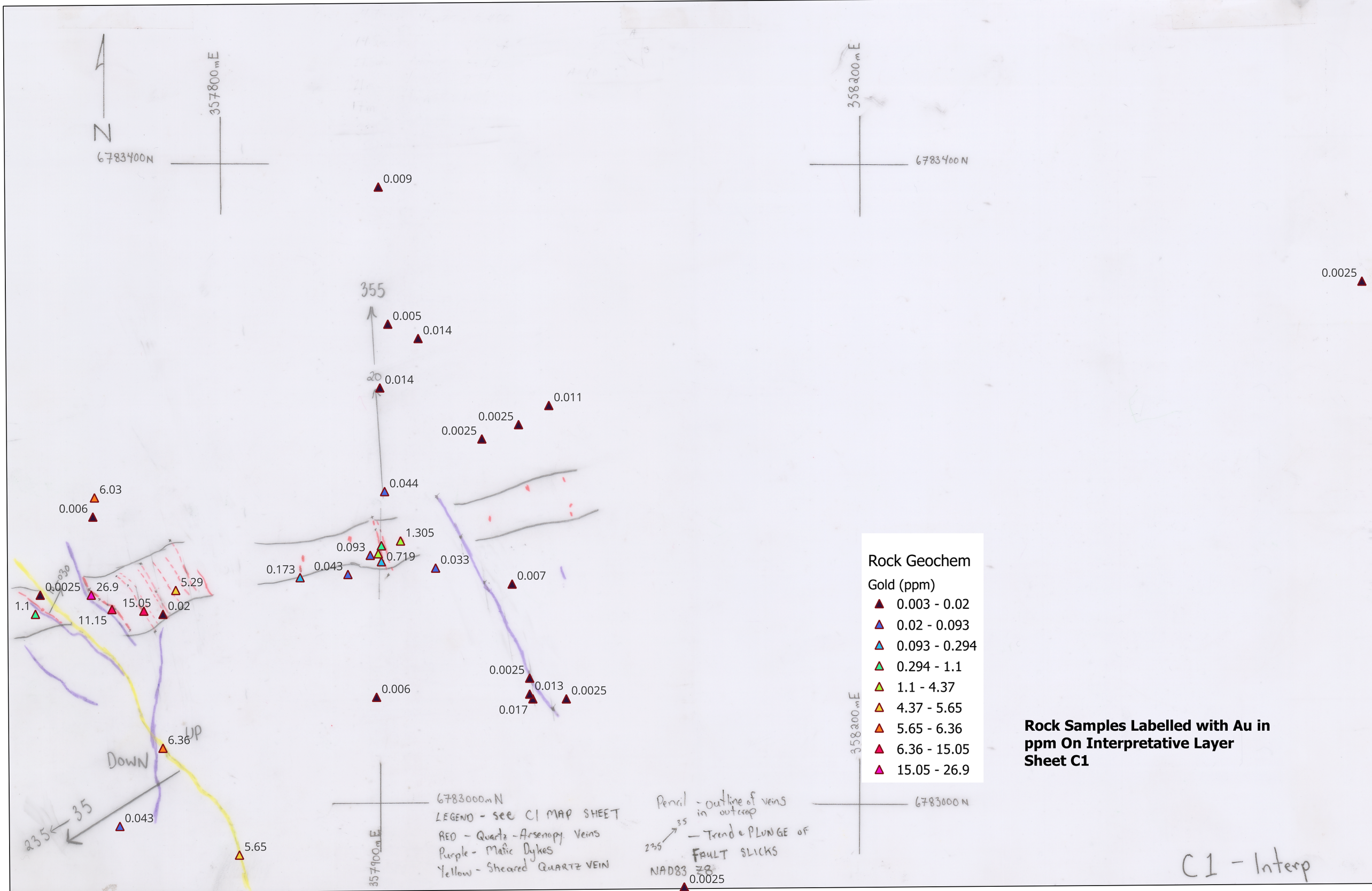
RED - Quartz - Arsenopy. Veins

PENCIL - FAULT

* The E-W Joints are cross-cut by the N-S joints.

C2

23



Rock Samples Labelled with Au in ppm On Interpretative Layer Sheet C1

N

6783400mN

357000mE

357400mE

6783400mN

0.0025
0.0025

0.0025

0.0025

340

40

0.0025

330

0.012

40

0.0025

0.0025

1.1

0.006

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.294 - 1.1

0.0025

0.0025

Rock Samples Labelled with Au in ppm On Interpretive Map Layer Sheet C2

357000mE

6783000mN

6783000mN

357400mE

0.05

0.007

LEGEND

40 → 330 - PLUNGE & TREND of fault slicks

Purple - Mafic Dyke

RED - Quartz - Arsenopy. Veins

PENCIL - FAULT

C 2 - Interp