

Appendix 13: Thin sections



Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 56.1**



Name: **Marble**

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Calcite	90	Up to 1mm
FeTiO	10	5-300µm

Comments:
Bands of cc ranging between 10µm – 1mm being replaced by bands of 5-300µm opaque angular mineral.





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 72.4**



Name: ? rich Marble

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
calcite	95	2mm
FeTiO	Trace	100µm

Comments:

cc up to 2mm with glassy material in veins. Disseminated opaque angular mineral replacing cc





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 94.3**

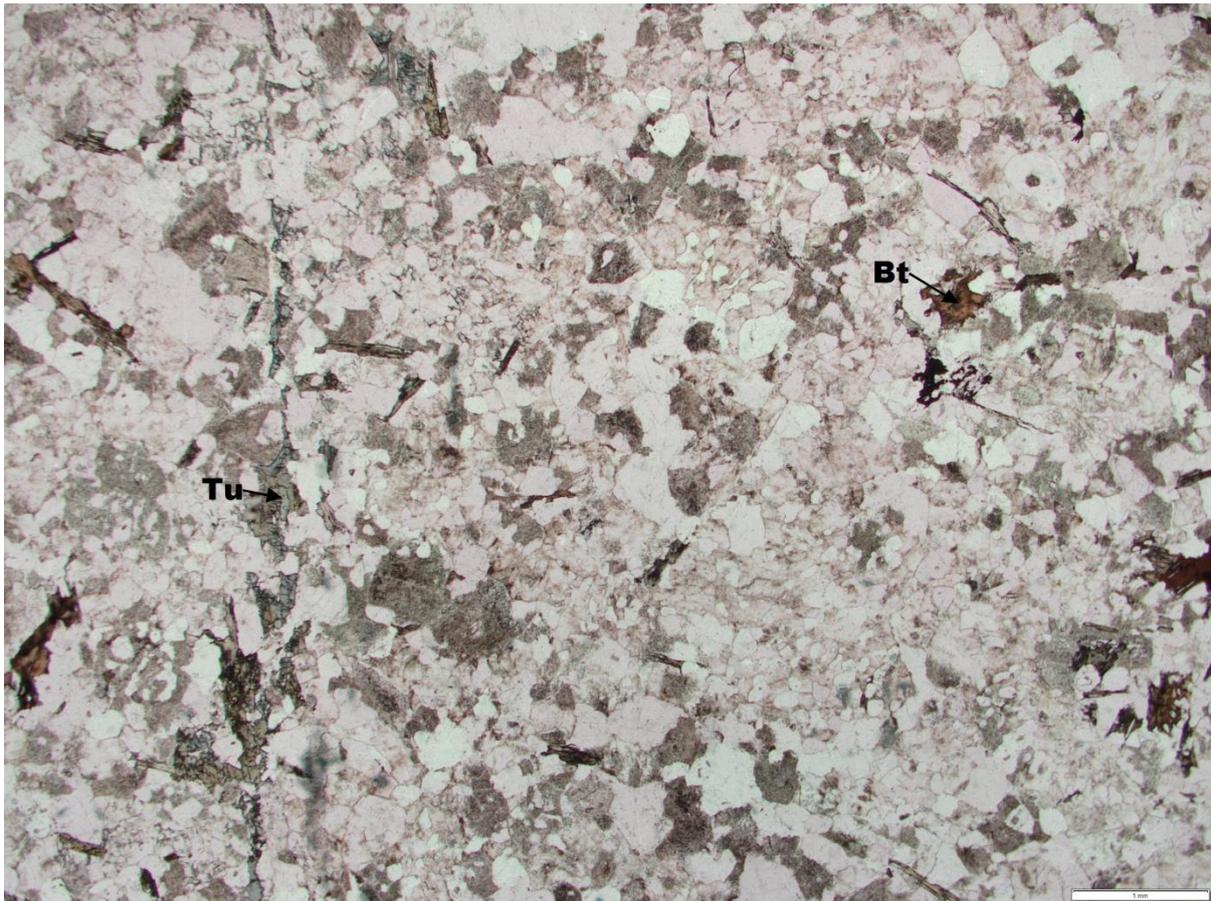


Name: **Biotite tourmaline granite**

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	89	500µm
Biotite (phlogopite)	10	1mm
Tourmaline	1	3mm

Comments:

Euh qz with dis bt/phlogopite replacing qz. A single discontinuous blue-green tu vein crosscuts qz on one side of the slide





Thin Section Log

Type: PTS Origin: UTAS

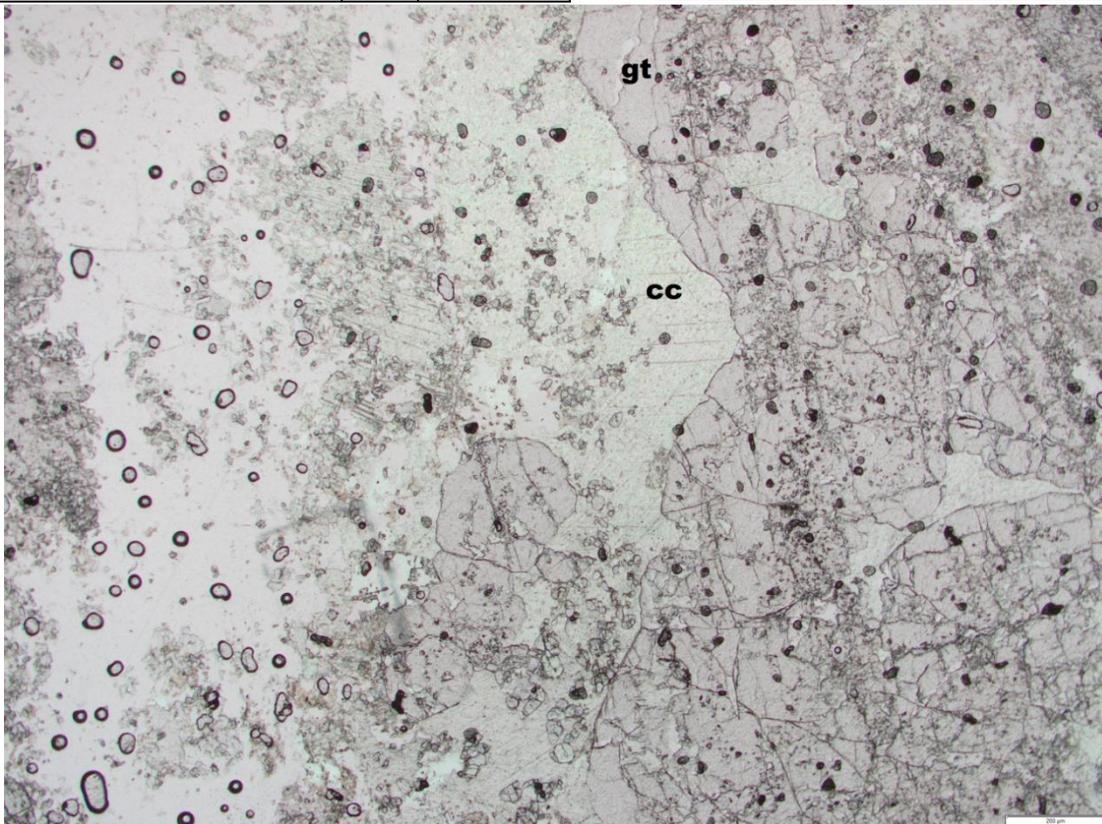
ID: **BW001 103.2**



Name: **Garnett Marble**

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Calcite	65	1mm
Garnet	25	100µm
Quartz	10	500 µm

Comments:





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 117.3**



Name: Biotite rich Granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	70	6mm
Biotite	20	2mm
Plagioclase	10	1mm

Comments:

Biotite alteration on Granite. Plagioclase deteriorating to sericite?





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 120.9**

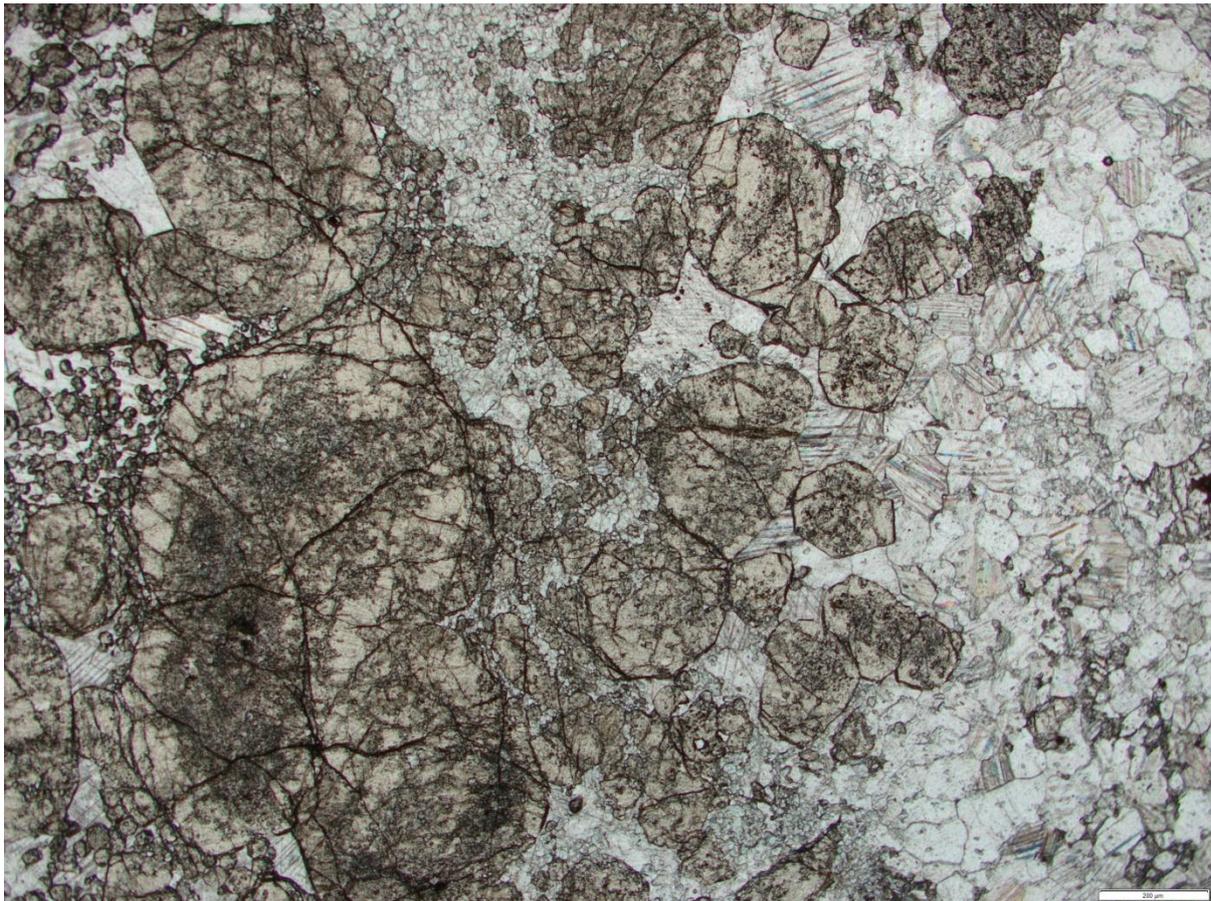


Name: **Garnet pyroxene skarn contact with garnet marble**

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Garnet	45	
Calcite & other carbonate	15	
Vesuvianite	10	
Pyroxene	15	
Opaque	15	

Comments:

Contact between gtpxZMRB and gtveZXS





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 134.3**



Name: Biotite rich granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	35	1mm
Feldspar	45	1mm
Biotite	15	1mm
Sericite	5	10 μ m

Comments:

Occasional feldspar > sericite



Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 140.4**



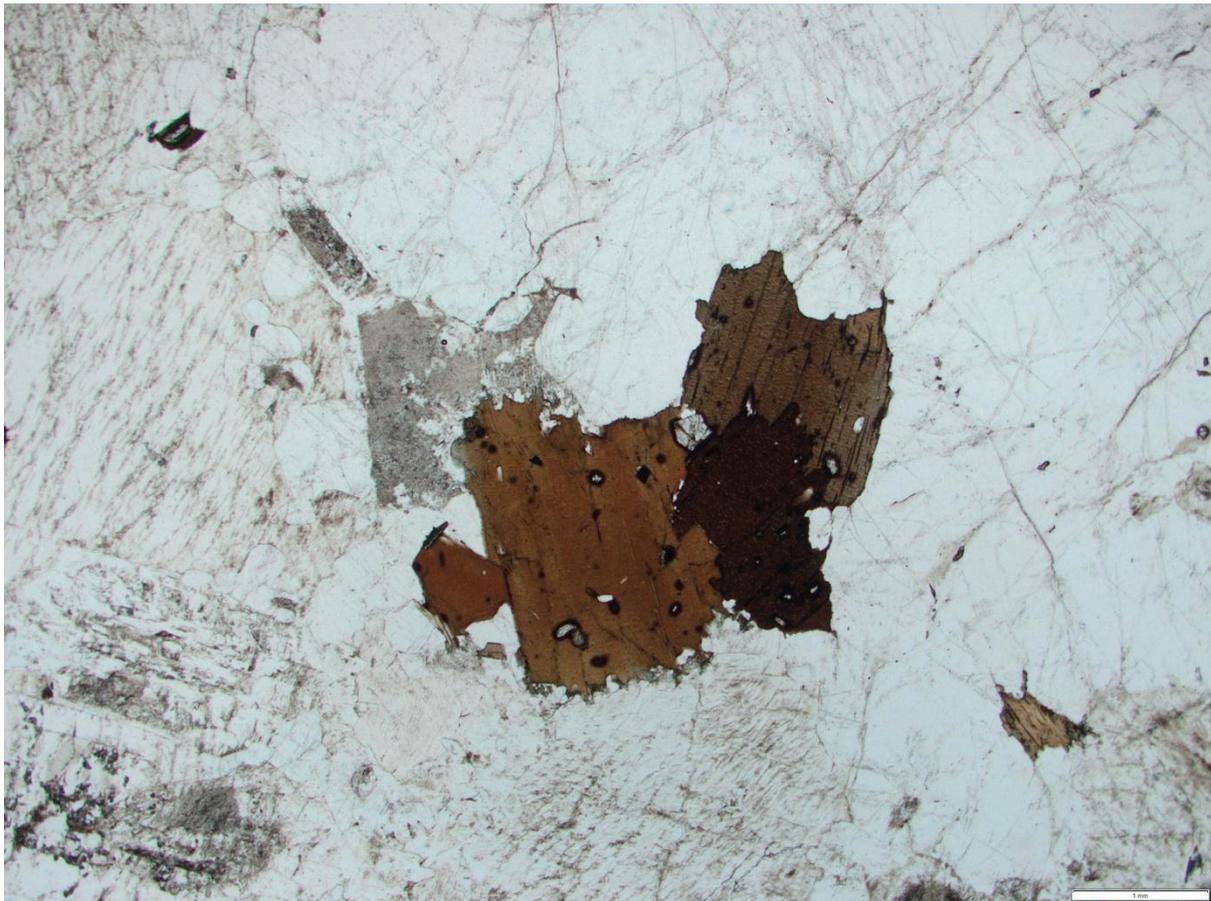
Name: Biotite rich granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	50	5mm
Feldspar	40	4mm
Biotite	10	3mm
Sericite	2	10 μ m
Tourmaline	?	0.5mm

Comments:

Occasional feldspar > sericite

Trace Tu?





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 163.2**



Name: Serecite altered biotite rich granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	30	8mm
Feldspar	30	10mm
Biotite	15	3mm
Serecite	25	10 μ m

Comments:

Feldspars > serecite

Biotite > serecite





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 179.0**

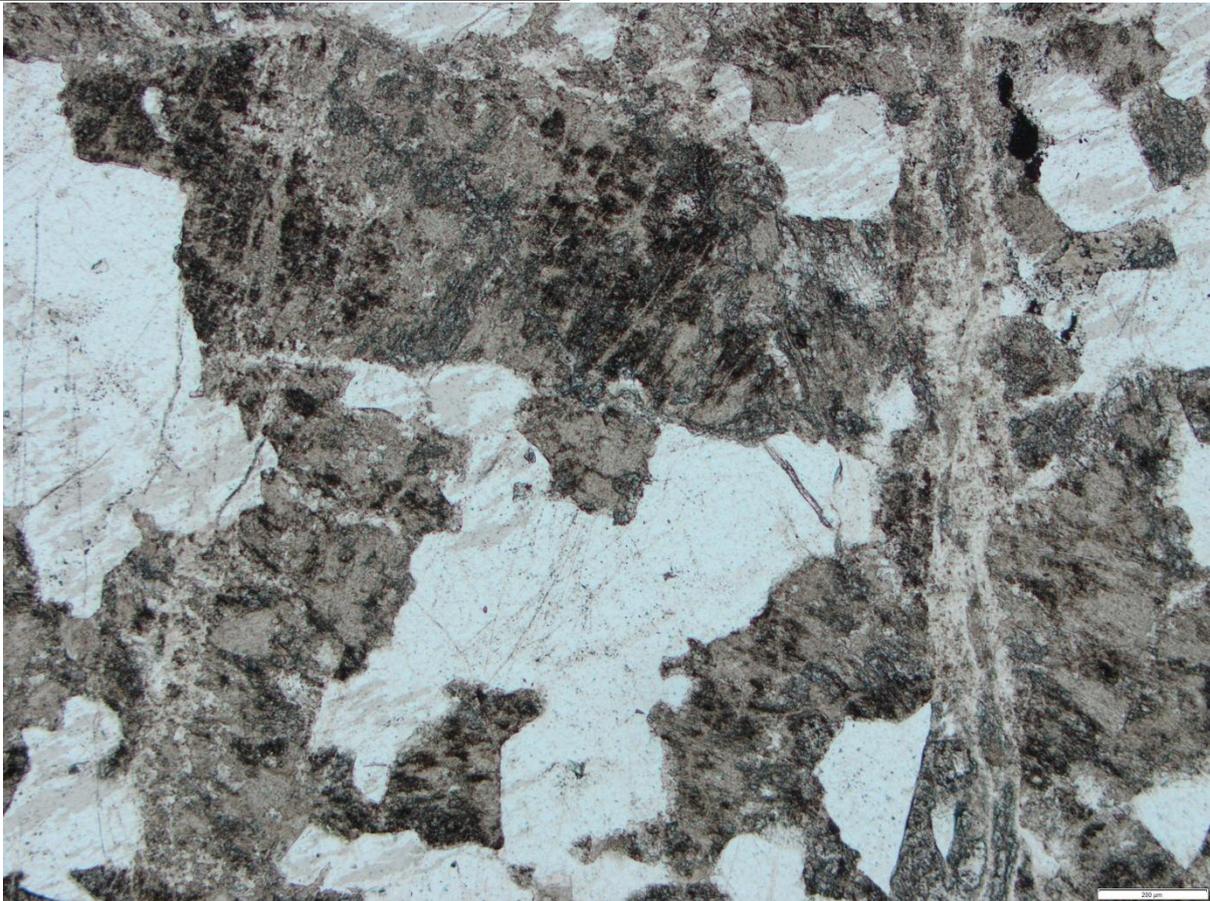


Name: Quartz amphibole skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	50	1mm
Amphibole	50	100µm

Comments:

Subrounded quartz





Thin Section Log

Type: PTS

Origin: UTAS

ID: **BW001 179.7**



Name: Quartz-amphibole skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	75	2mm
Amphibole	25	.5mm

Comments:

Amphibole replacing feldspar?



Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 200.9**

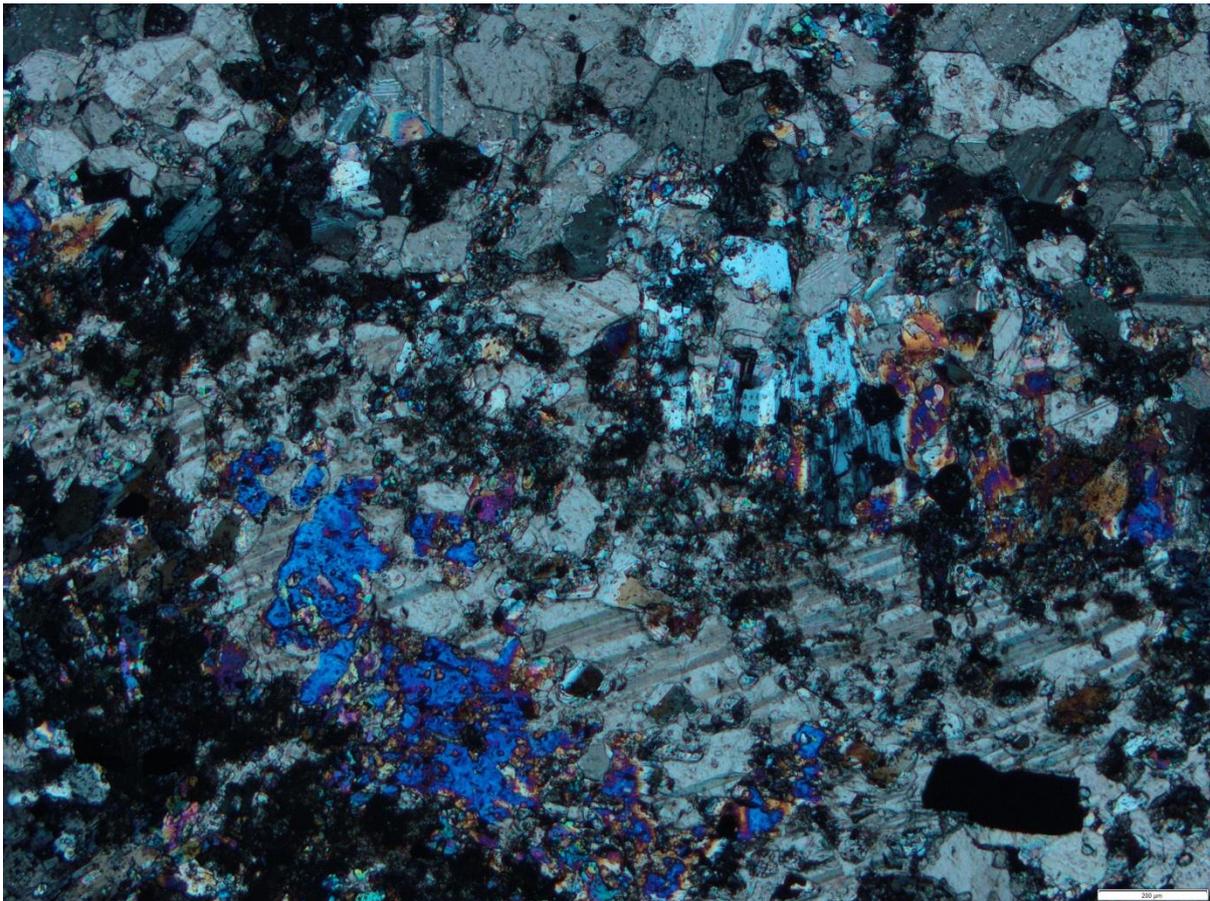


Name: Vesuvianite marble

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Calcite	85	200 μ m
Vesuvianite	5	150 μ m
FeTiO	10	200 μ m

Comments:

Fine grained ve replacing cc. Unknown opaque mineral





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 204.0**



Name: Pyroxene, amphibole scarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Pyroxene	70	
amphibole	10	
Cc / siderite	20	
Qz		
Titanate		
Minor sulphides	Trc	

Comments:

Cc pseudomorphing pyroxene, amphibole infilling cc vugs. Zoned amphiboles

Veins – cc + mnr qz





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 204.5**

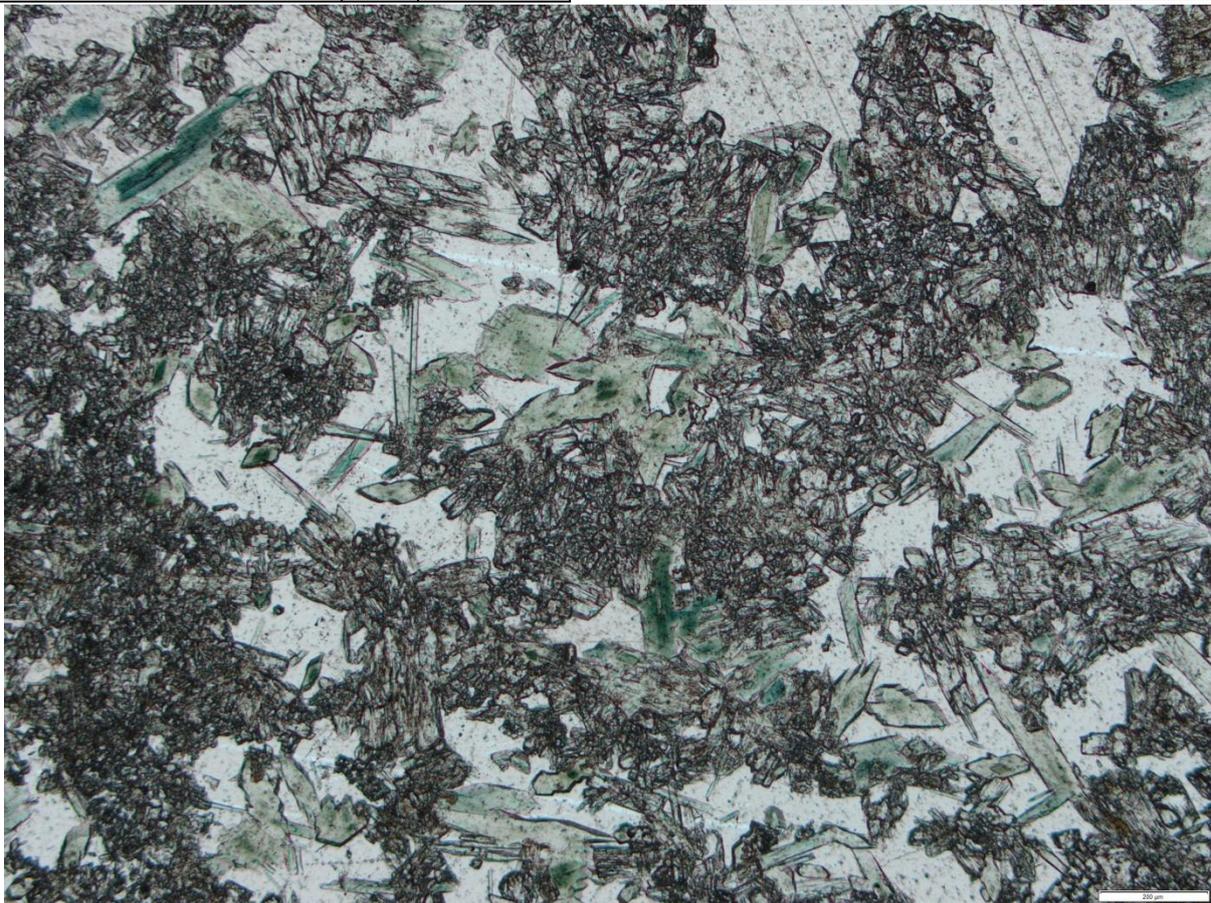


Name: Amphibole skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	50	.5mm
calcite	45	1mm
FeTiO	5	

Comments:

Bladed amphibole infilling cc vugs





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 204.7**



Name: Amphibole magnetite skarn

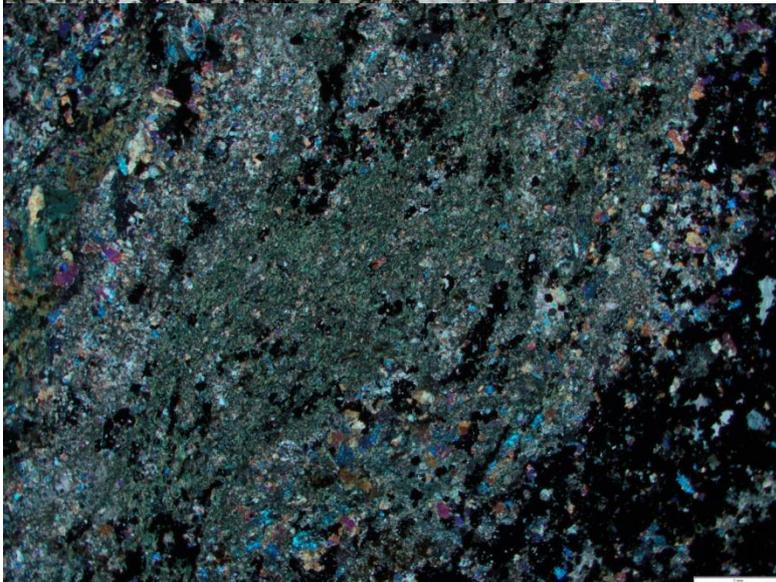
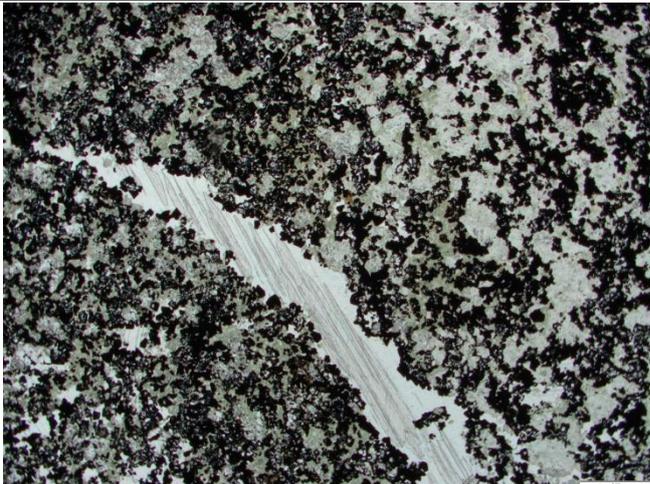
<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Magnetite	35	100µm
Amphibole	30	100µm
Pyroxene	25	100µm
Cc	5	250µm
Siderite	Tc	
sulphides	tc	

Comments:

Veins qz-cc

Granular magnetite

Magnetite replacing pyroxene?





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 205.3**

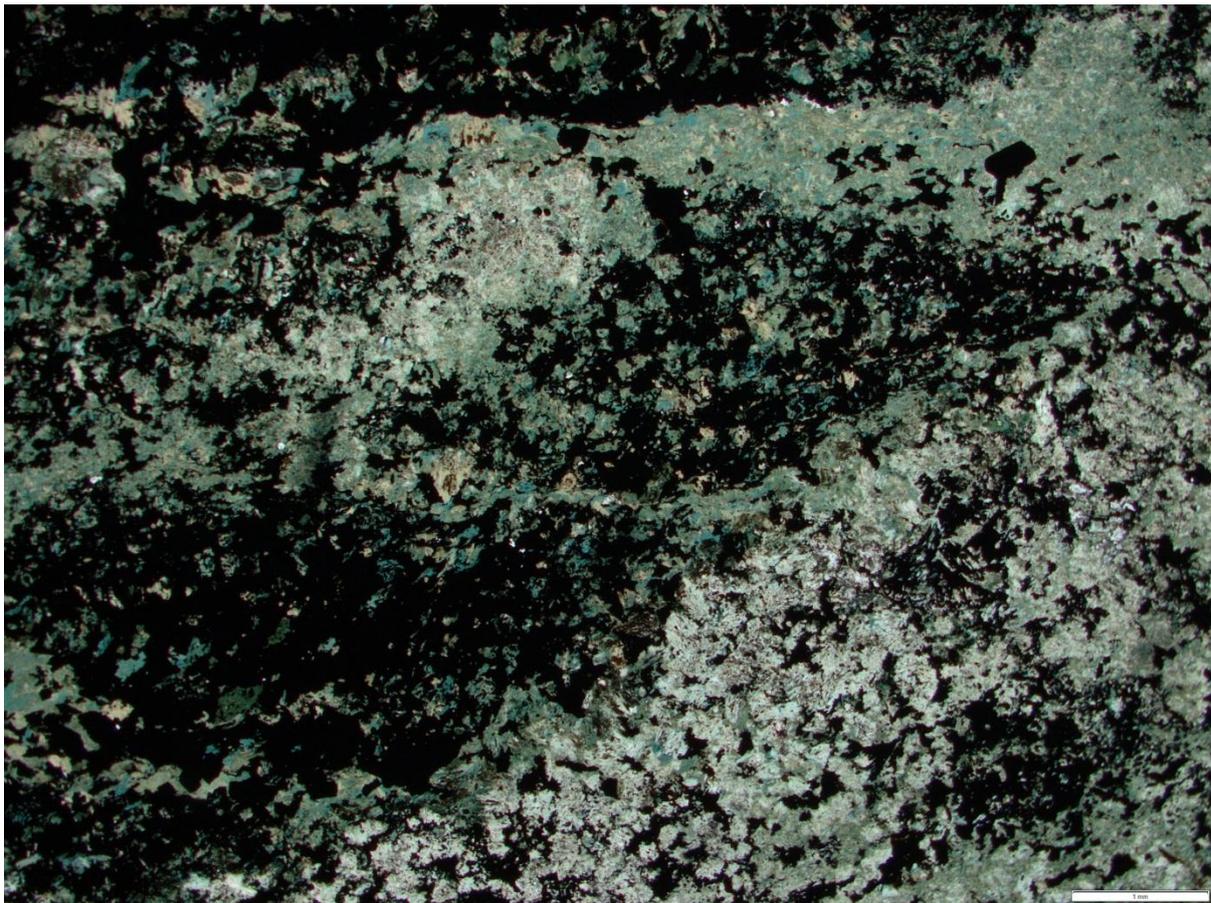


Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Magnetite	20	
Amphibole	30	
Pyroxene	30	
Vonsonite	20	
Carbonate	Tc	
Pyrite	tc	

Comments:

Zoned amphibole – magnetite + Pyroxene
vonsonite





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 205.6**

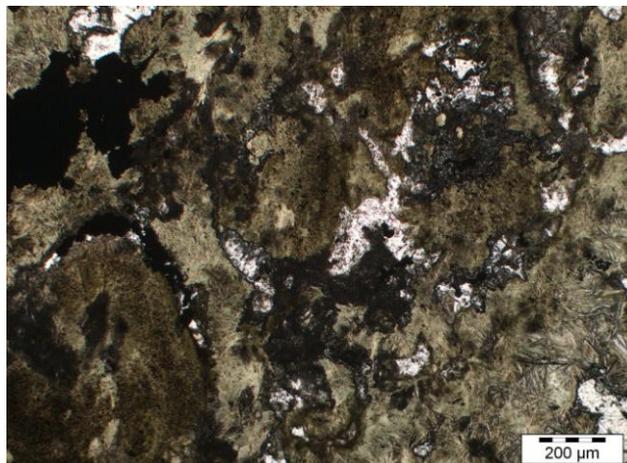
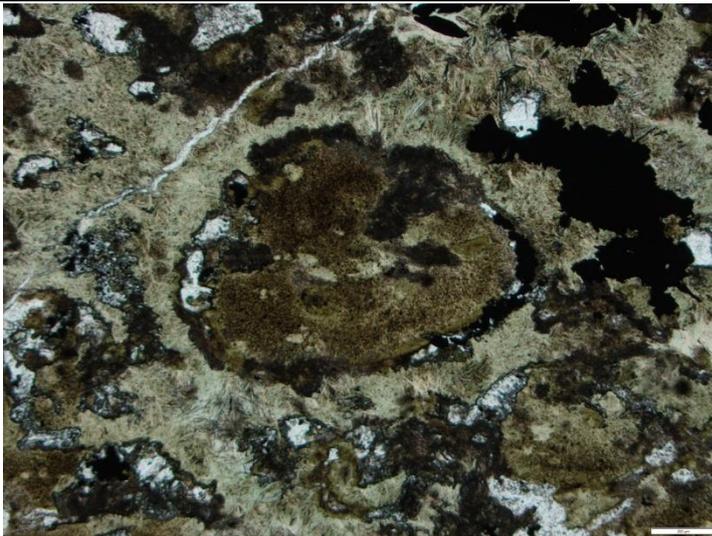


Name: Garnet amphibole sulphide skarn

Phase	%	Grainsize
Amphibole	50	
Sulphides	30	
Garnet	20	
Cc	Tc	
Sericite	tc	

Comments:

Garnet overprinted by pyroxene - amphibole





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 205.8**

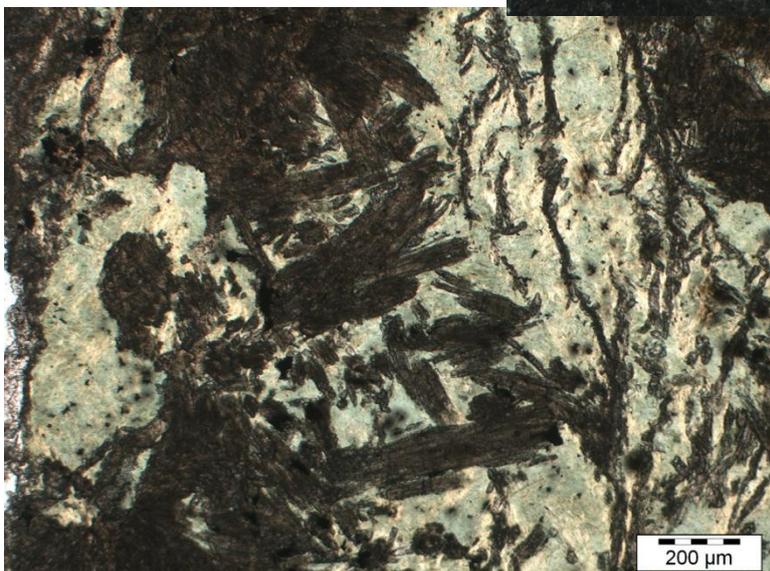
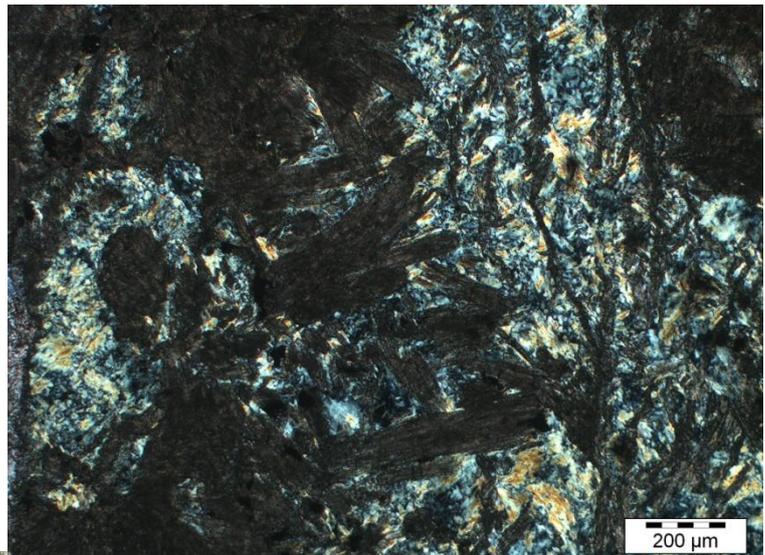


Name: Amphibole vonsonite scarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Vonsonite	43	
Amphibole	55	
pyroxene	1	
Cc veins	1	
Garnet in veins	tc	

Comments:

Add comments here





Thin Section Log

Type: PTS Origin: UTAS

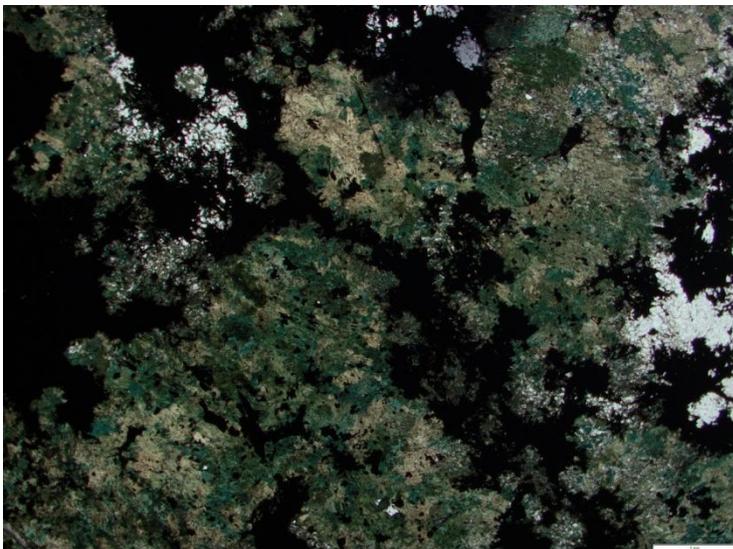
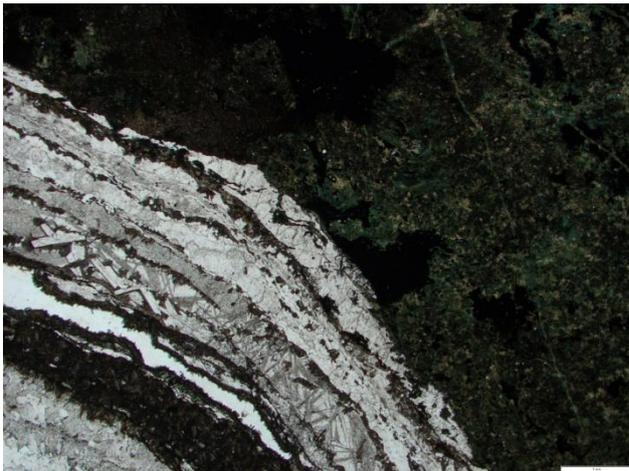
ID: **BW001 206.3**



Name: CC vein in Amphibole magnetite vonsenite skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	60	
Magnetite	20	
Vonsenite	10	
Calcite	5	
pyroxene	5	

Comments:
Sd vein? mt replacing vo





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 206.7**



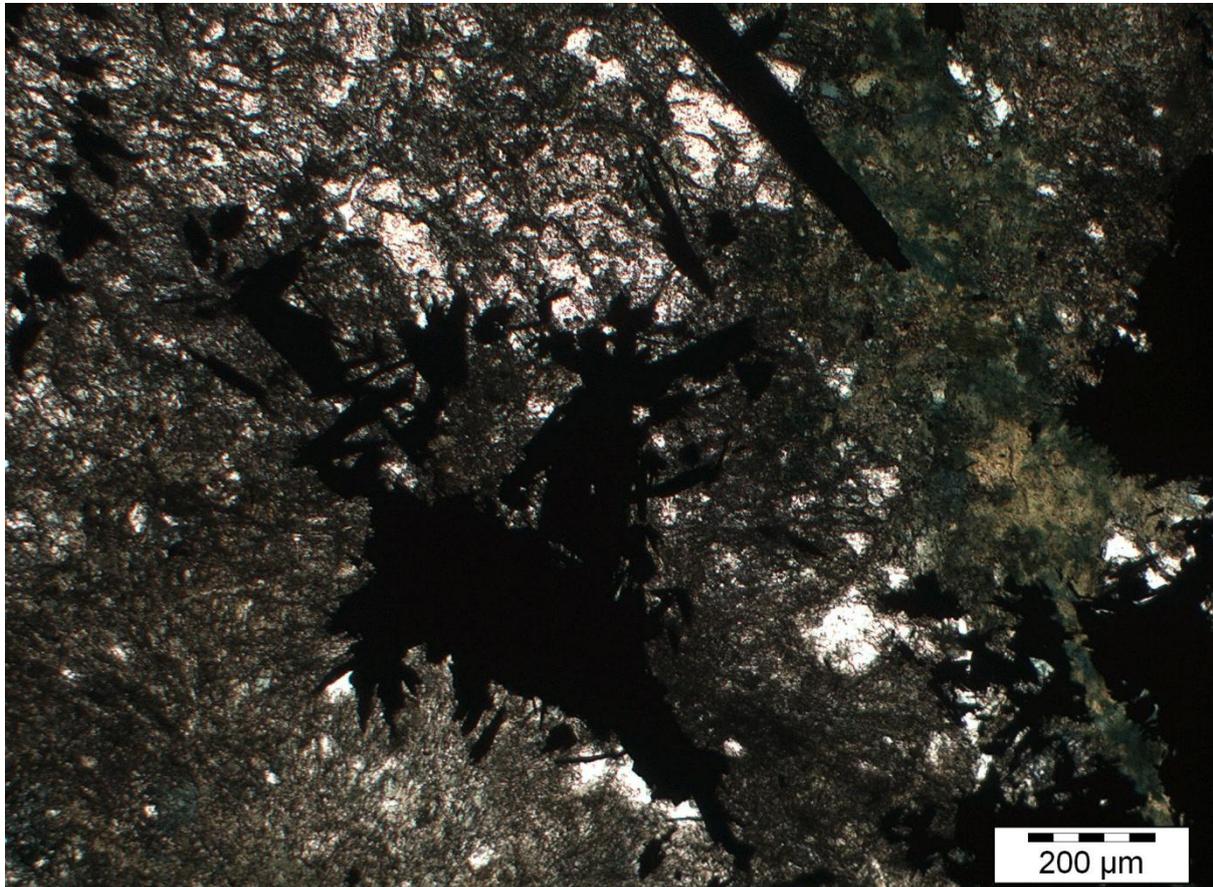
Name: Vonsenite amphibole skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	15	
Vonsenite	40	
pyroxene	Trace	
garnet	4	
qz	1	
cc	Trace	

Comments:

Vonsenite > amphibole > garnet

Vonsenite + amphibole replacing garnet





Thin Section Log

Type: PTS

Origin: UTAS

ID: **BW001 208.9**



Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Actinolite		
Pyroxene		
Hematite (vonsonite?)		
Garnet		
Pyrrhotite		
cpy		

Comments:



Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 210.5**

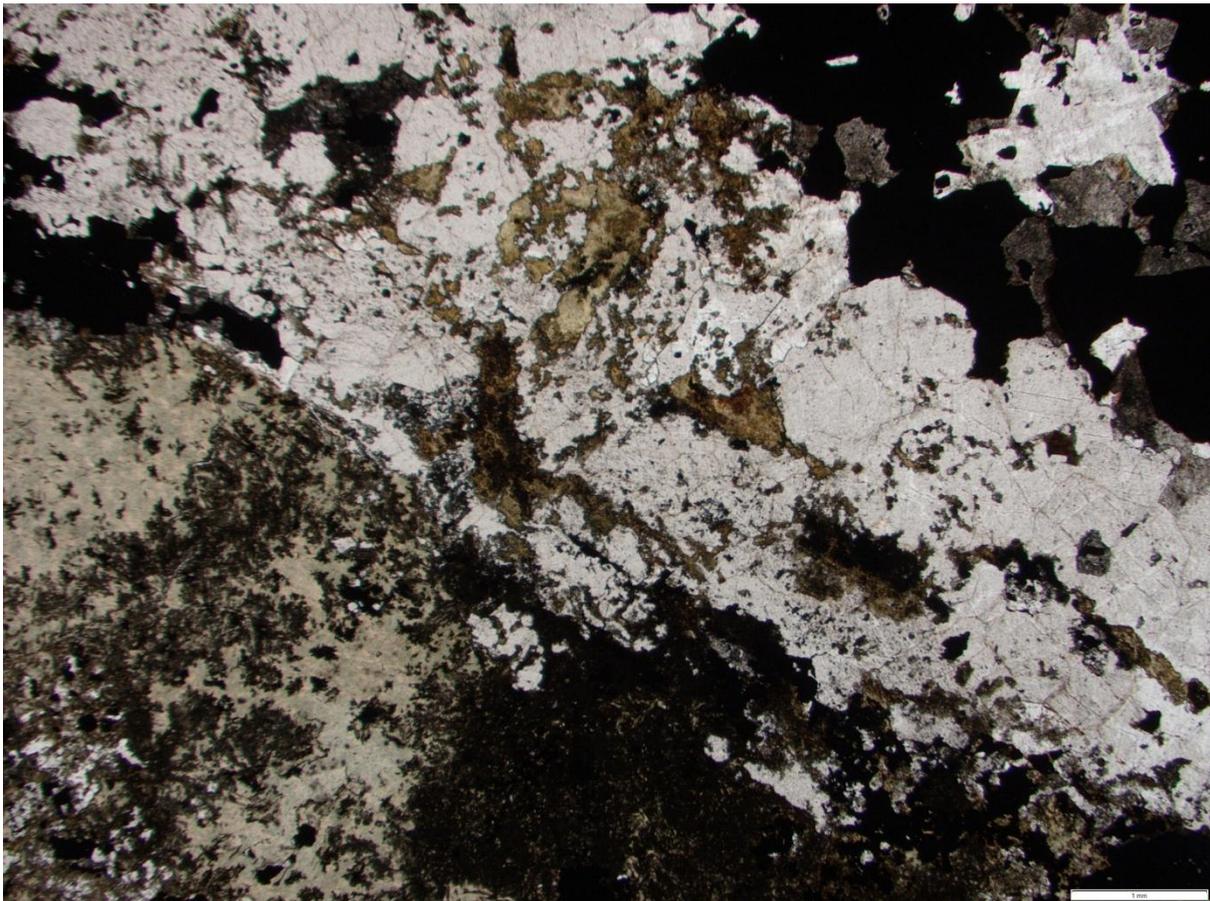


Name: Phyrrotite amphibole skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Pyrite	10	.25mm
Phyrrotite	20	.25mm
Garnett	15	.1mm
Amphibole	35	.2mm
Quartz	20	.4mm

Comments:

Gt vein separating phyrrotite from amphibole skarn – pyrite/amphibole oxidising in slide





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 210.6**

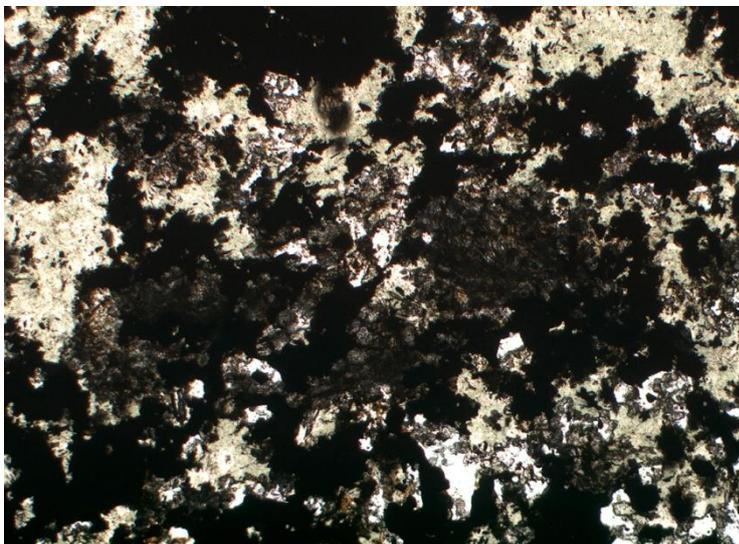
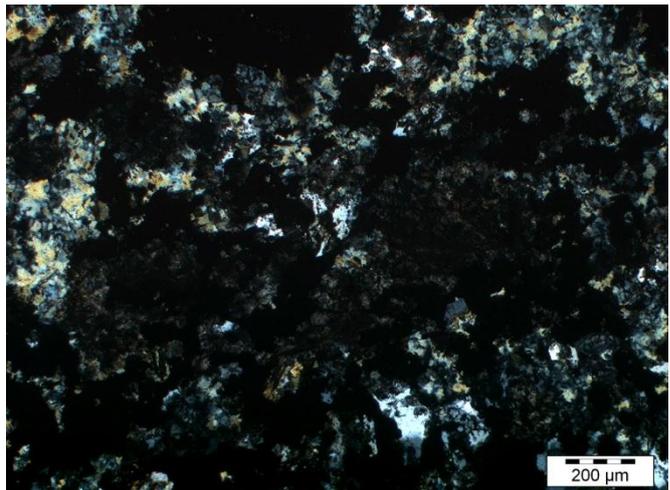


Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Qz	10	
Pyroxene	5	
Garnett	2	
Sulphides	25	
Amphibole	25	
Siderite	20	
Cassiterite	5/10	

Comments:

Qz veins – Mystery yellow – cassiterite?
Siderite?





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 212.2**

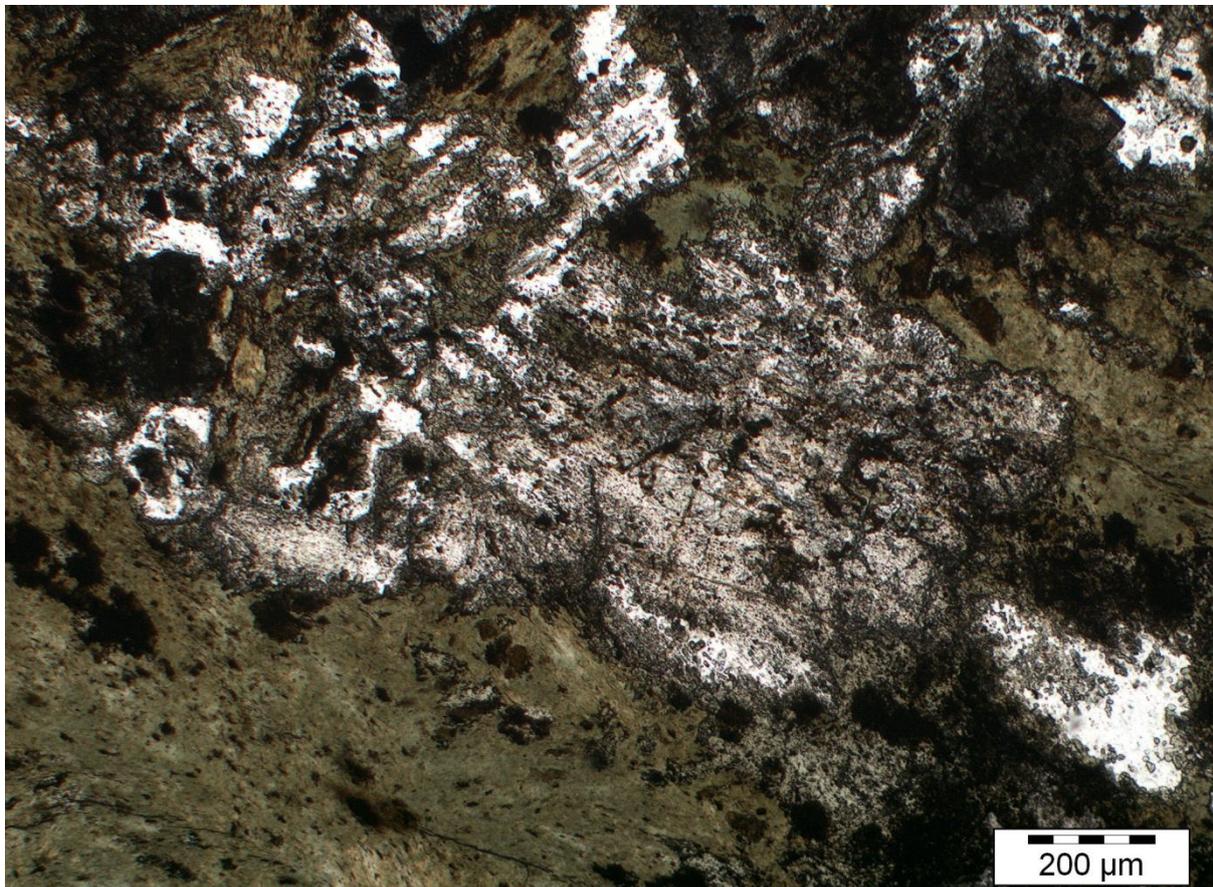


Name: Quartz carbonate amphibole pyrite scarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Pyrite	20	4mm
Quartz	20	
Amphibole	30	
Pyroxene	5	
carbonate	25	

Comments:

Cc veins crosscutting amphibole – amphibole overprinting quartz





Thin Section Log

Type: TS Origin: VMS

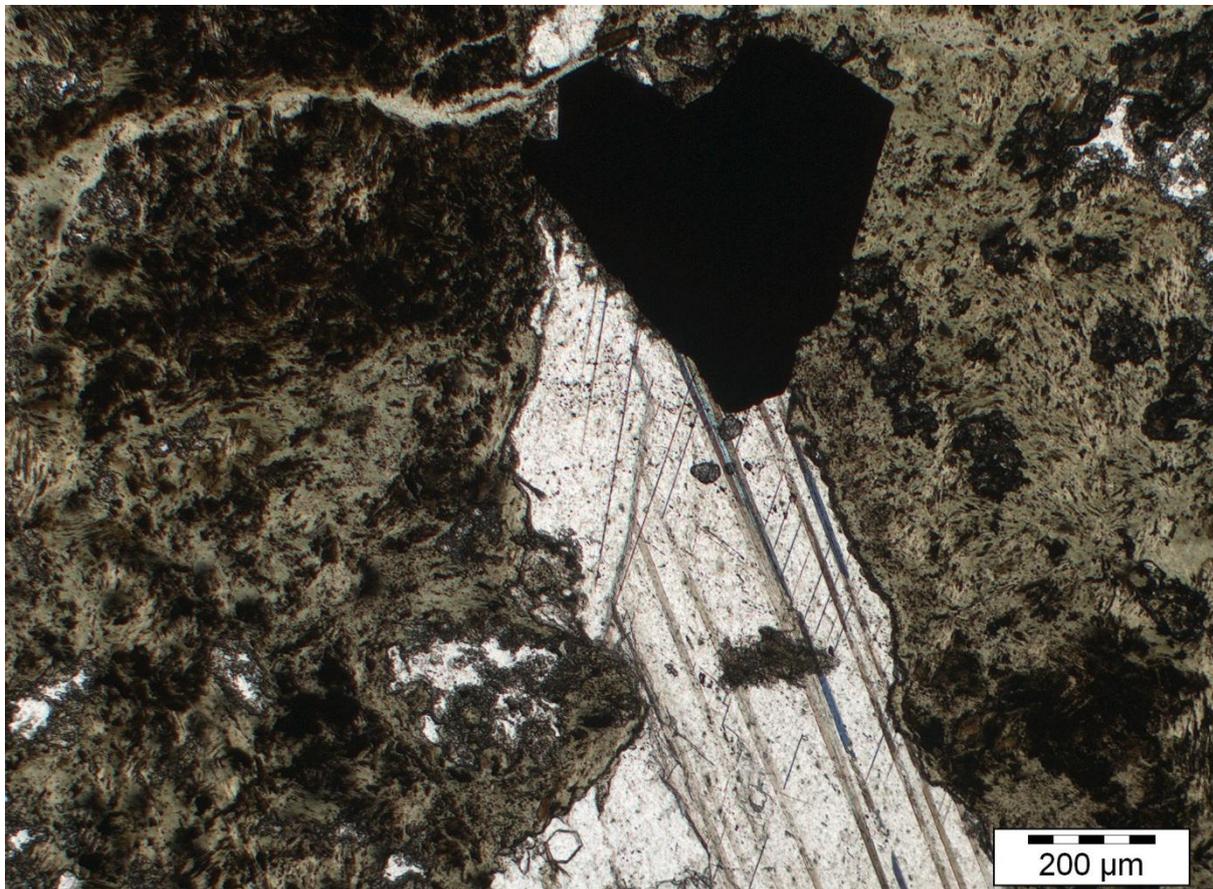
ID: **BW001 212.9**



Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Pyrite	40	2mm
Calcite	20	2mm
UM	40	

Comments:
Add comments here





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 213.2**

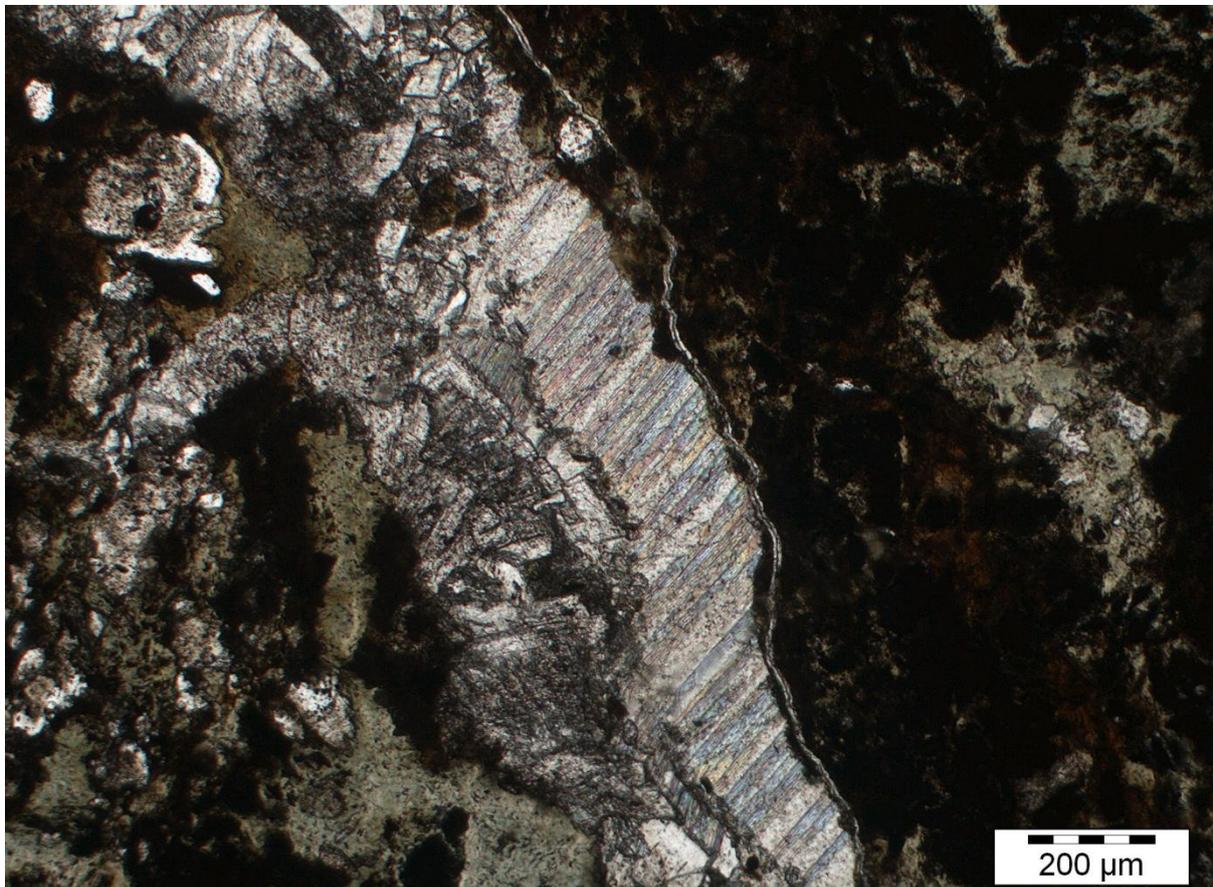


Name: quartz carbonate vein crosscutting amphibole Vonsenite skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	30	2mm
Calcite	5	1mm
amphibole	39	.5mm
Pyrite	1	
Vonsenite	25	

Comments:

Qz – vein crosscutting am-vo skarn





Thin Section Log

Type: TS Origin: VMS

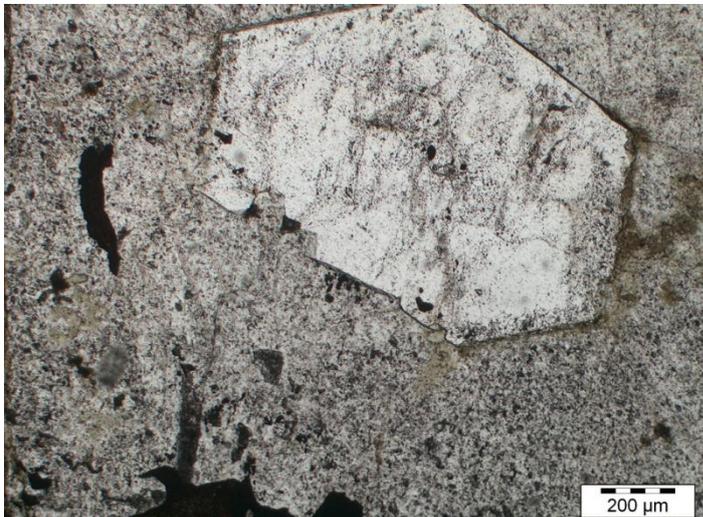
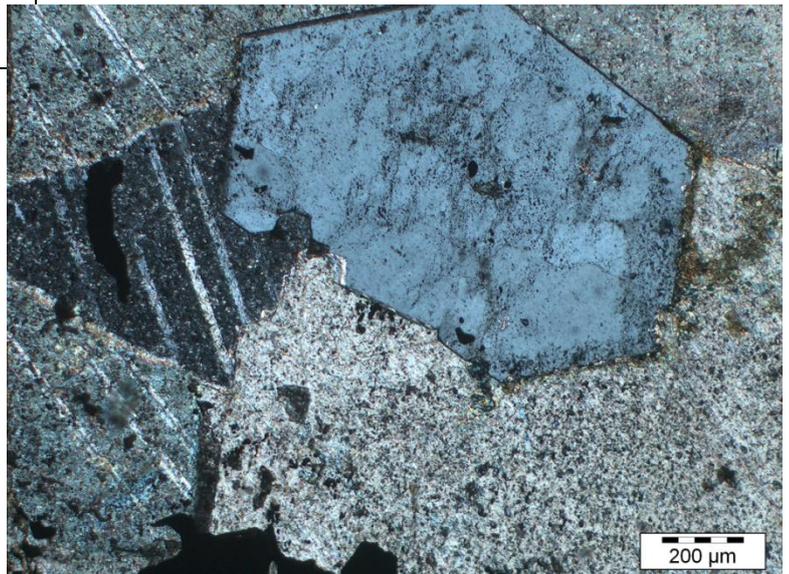
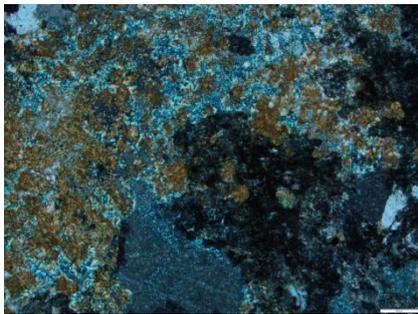
ID: **BW001 214.3**



Name: quartz-carbonate-garnet skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	2mm
Calcite	35	3mm
Garnet	8	5mm
Pyrite	15	5mm
FeO? Bt?	2	.1mm

Comments:
FeO? Bt? replacing cc –
Py infilling cracks in cc – between cc crystals





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 215.4**



Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>

Comments:
Add comments here



Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 215.7**



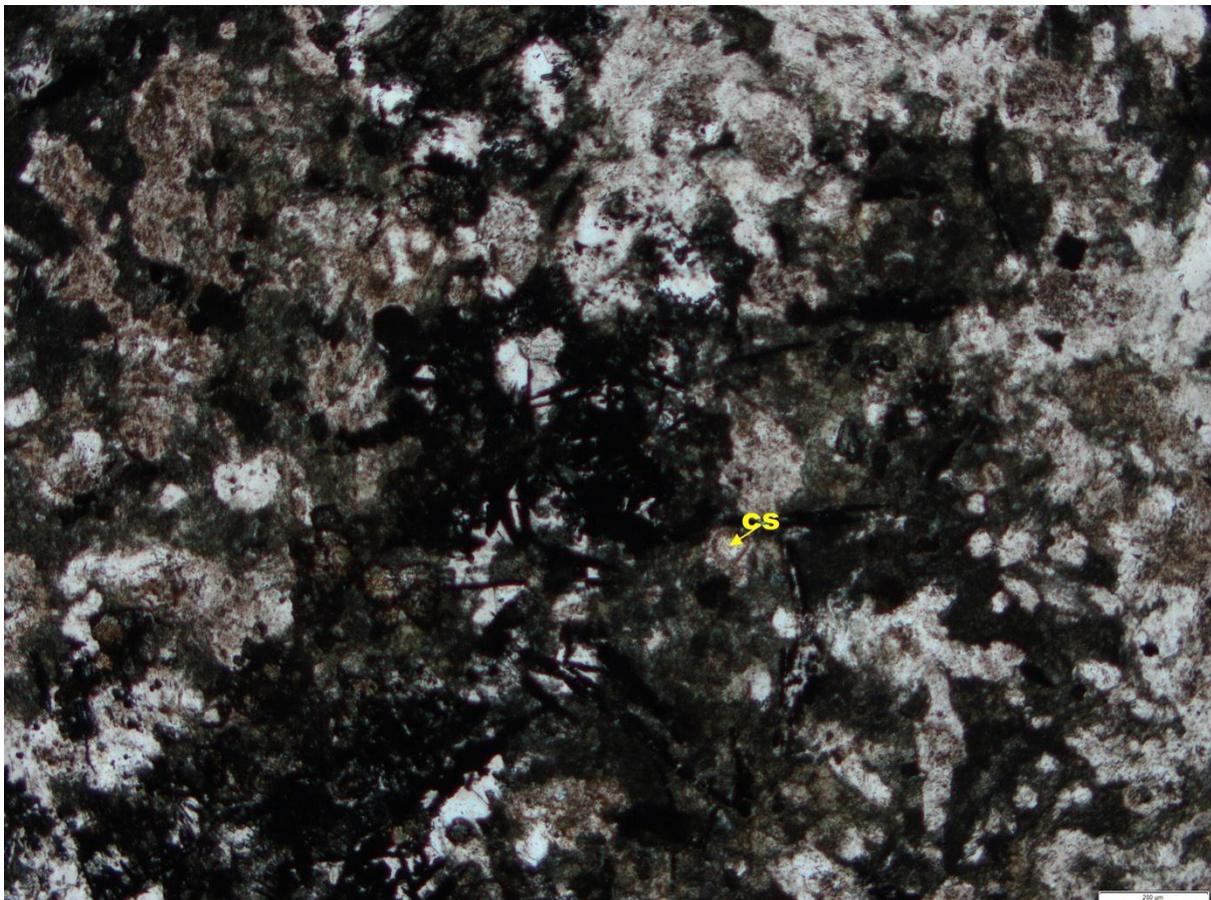
Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz		
Plag - albite		
Epidote?		
Augite		
Chalcopyrite		
Cassiterite		
Vonsenite		
Pink sulphide		
Pyrite		
Phyrrotite		
Calcite		
Serecite		

Comments:

Vonsenite, abundant cassiterite, euh qz, feldspars going to serecite.

Amphibole replacing vonsenite





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 216.6**



Name: Amphibole magnetite skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	42	1mm
Magnetite	38	1mm
Calcite	20	1mm

Comments:
Cc veining in ammtZXS

Not sure if am is replacing mt or mt replacing am



Thin Section Log

Type: TS Origin: VMS

ID: **BW001 216.8**



Name:

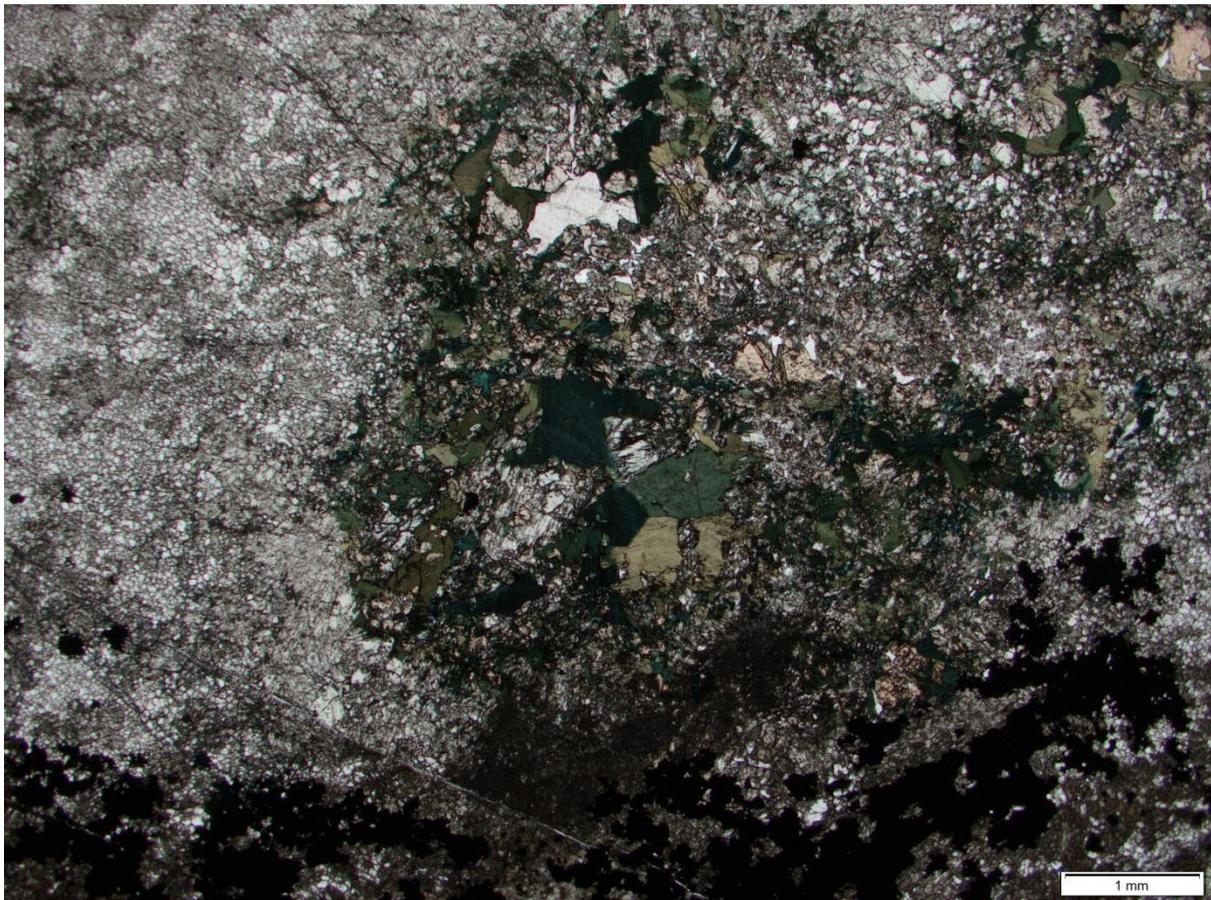
<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	15	.1mm
Pyroxene	45	.1mm
Garnet	15	.1mm
Calcite	5	.1mm
Quartz	10	.1mm
Pyrite	5	1mm
Pyrrhotite	5	.2mm

Comments:

Sulphides replacing calc-silicates?

.1mm qzccv

Am replacing px





Thin Section Log

Type: TS Origin: VMS

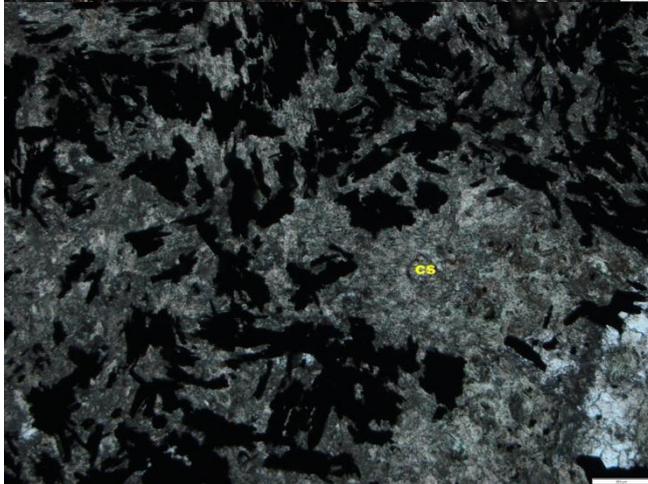
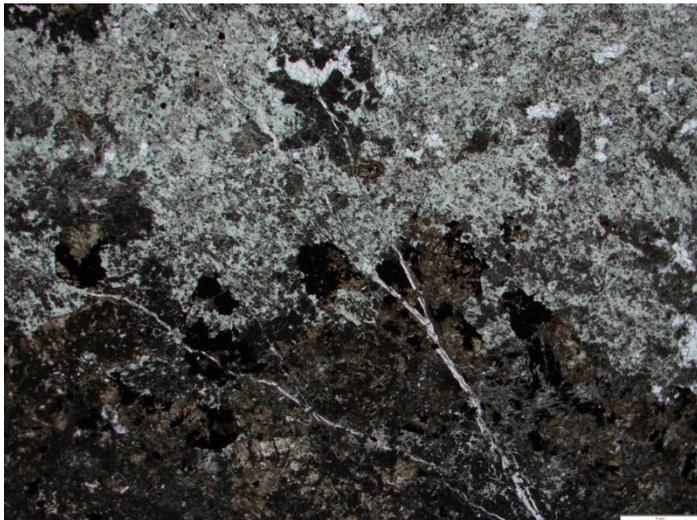
ID: **BW001 217.1**



Name: amphibole magnetite cassiterite skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	60	.1mm
Magnetite	32	.2mm
Cassiterite	2	.01mm
Calcite	1	.2mm
quartz	5	10µm

Comments:





Thin Section Log

Type: TS Origin: VMS

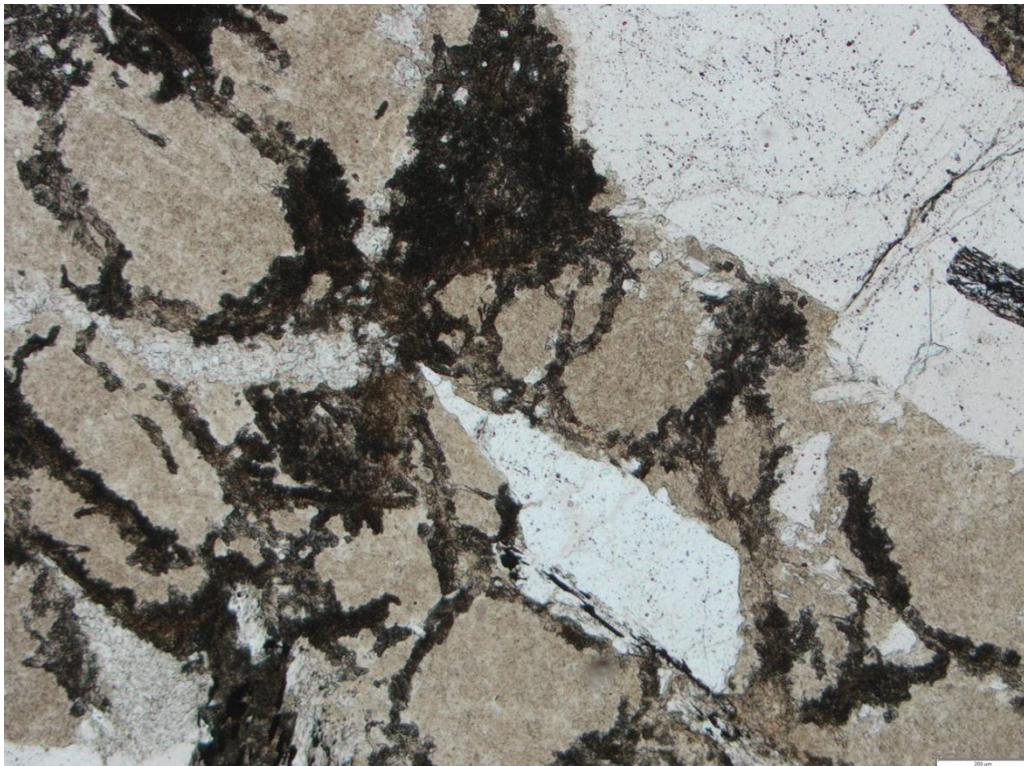
ID: **BW001 218.9**



Name: sercite chlorite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	50	4mm
Sericite	30	.1mm
Tourmaline	4	.5mm
Chlorite	15	1mm
Garnet	1	1mm

Comments: sercite overprinting qz –
Sericite-chlorite completely replacing feldspar





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 221.7**

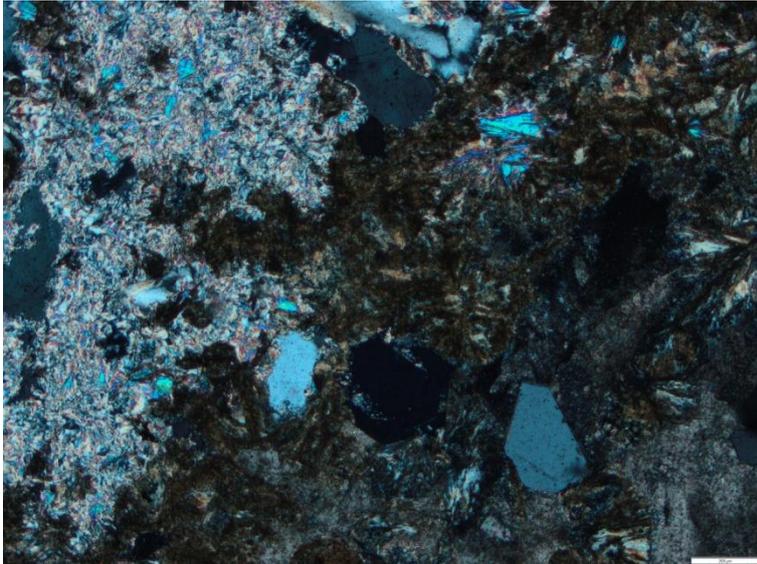


Name: chlorite siderite carbonate altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	2mm
Calcite	10	1mm
Chlorite	25	.5mm
serecite	25	1mm

Comments:

Se replacing qz – fsp? Chlorite replacing se?





Thin Section Log

Type: PTS

Origin: UTAS

ID: **BW001 231.0**



Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>

Comments:
Add comments here



Thin Section Log

Type: TS Origin: VMS

ID: **BW001 231.3**



Name: sercite chlorite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Sericite	25	.1mm
Quartz	65	5mm
chlorite	10	.25mm

Comments:
Quartz replaced by sercite/chlorite

No feldspar – perhaps completely replaced by se



Thin Section Log

Type: TS Origin: VMS

ID: **BW001 233.4**



Name: sercite altered quartzite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	50	5mm
Sericite	39	.1mm
Biotite	10	2mm
Chlorite	1	.2mm
tourmaline	.1	

Comments:

Se replacing quartz & biotite. No original feldspar

Cl replacing biotite





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 234.4**



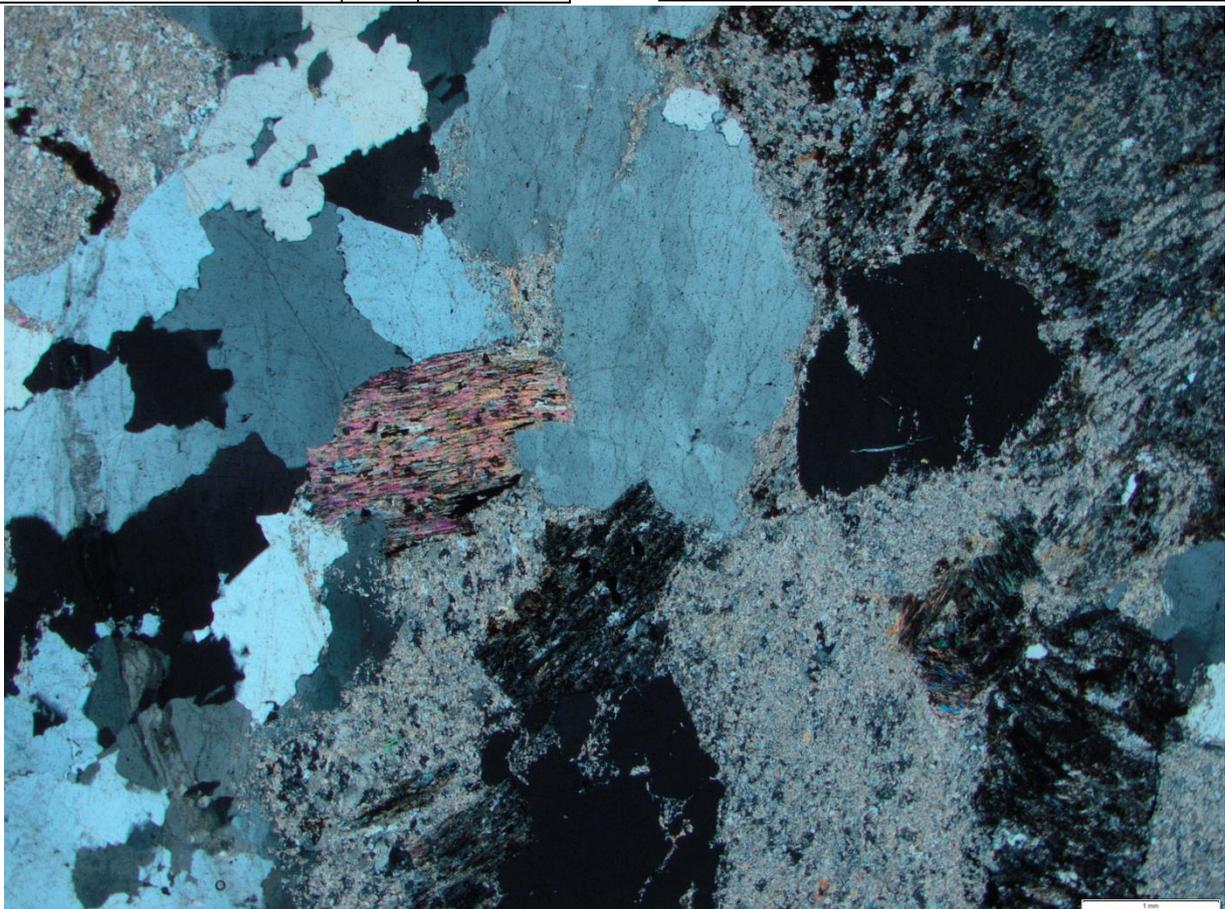
Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	60	5mm
Sericite	35	.1mm
Garnet?	?	2mm
FeTiO	5	.2mm

Comments:

Se replacing quartz. No original feldspar

Garnet? Or isotropic qz?





Thin Section Log

Type: PTS Origin: UTAS

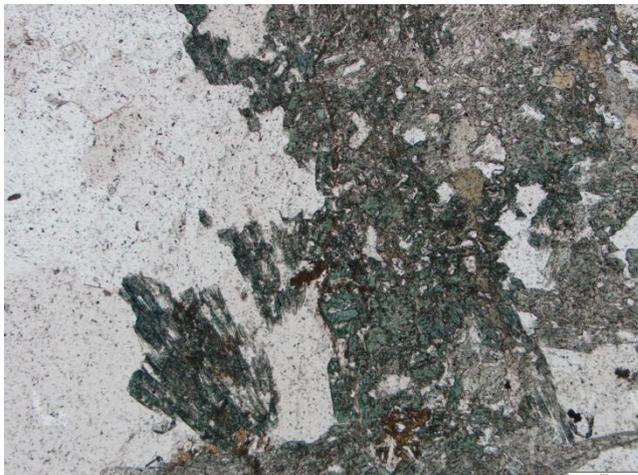
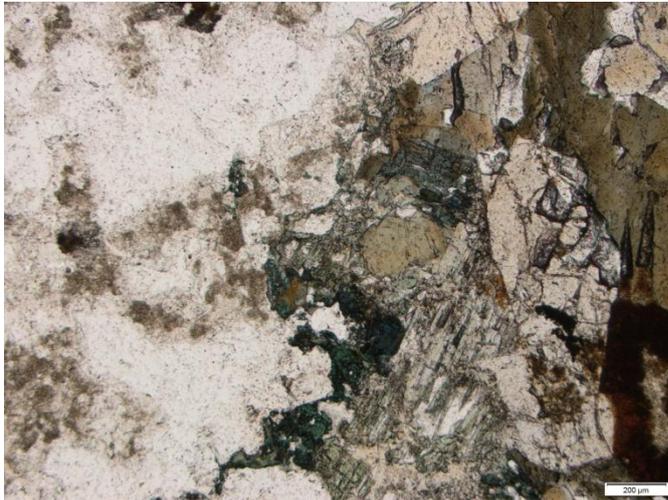
ID: **BW001 239.5**



Name: Green tourmaline vein in granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	60	
Sericite	15	
Tourmaline	15	
Chlorite	5	
biotite	5	

Comments:
Biotite rich granite with green tourmaline





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 239.9**

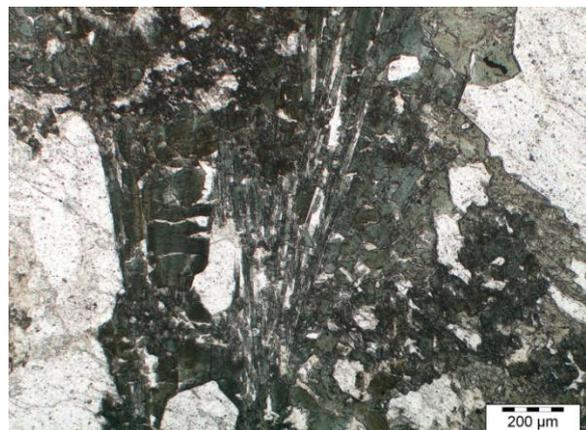
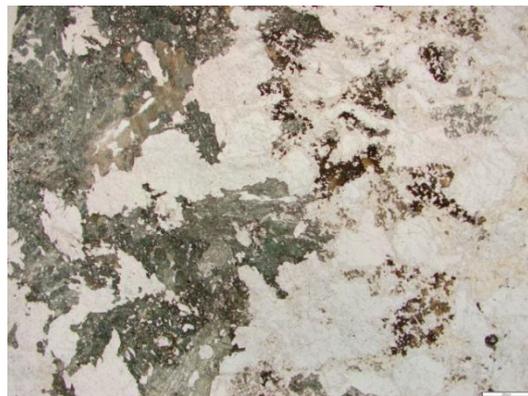
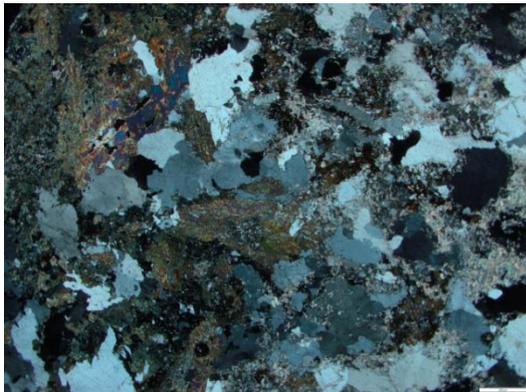


Name: Biotite rich granite with green tourmaline

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz		
Sericite		
Biotite		
Tourmaline		

Comments:
Quartz (& feldspar?) replaced by sericite

Green tourmaline





Thin Section Log

Type: TS Origin:VMS

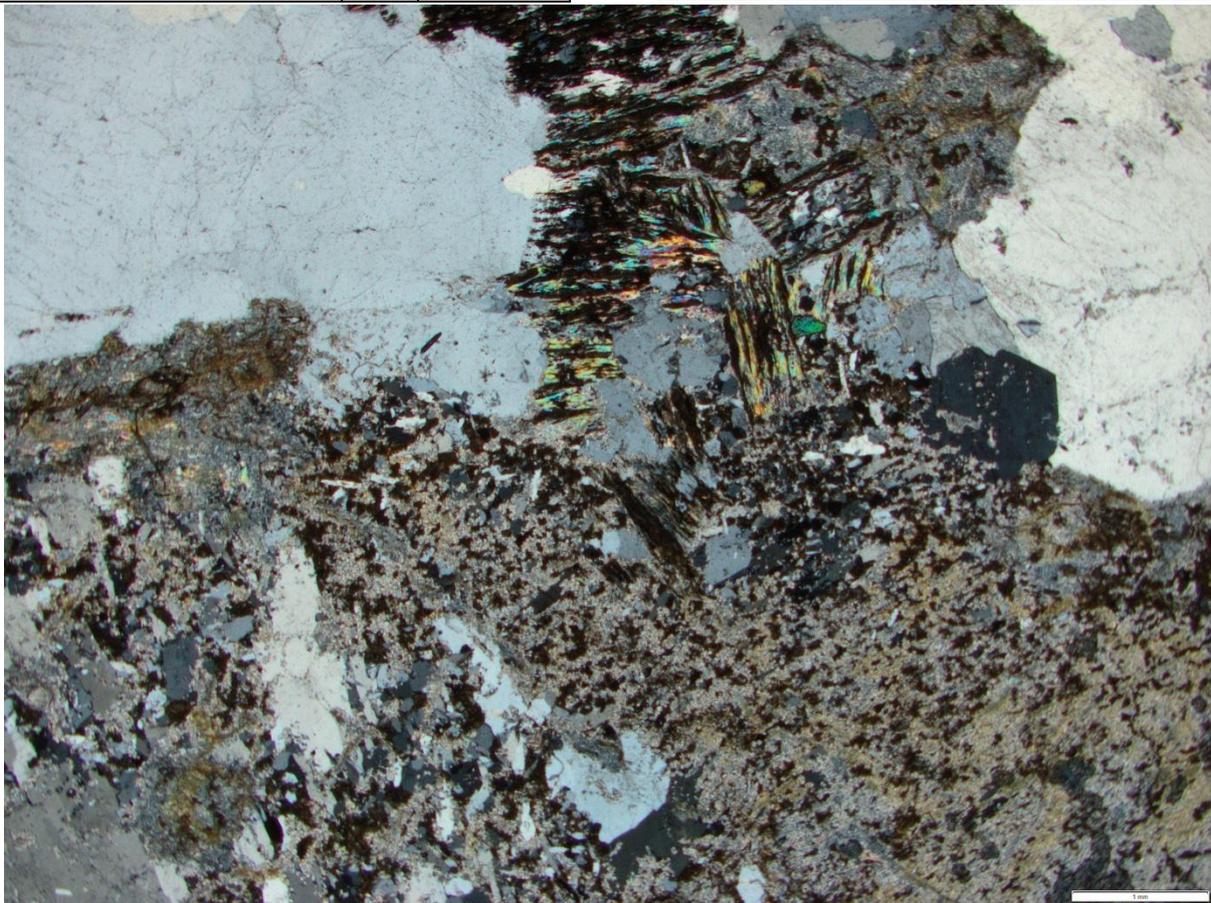
ID: **BW001 241.1**



Name: Sericite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	4mm
Sericite	55	
Chlorite	5	

Comments:
Heavily se altered granite-qz replaced by se





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 243.0**

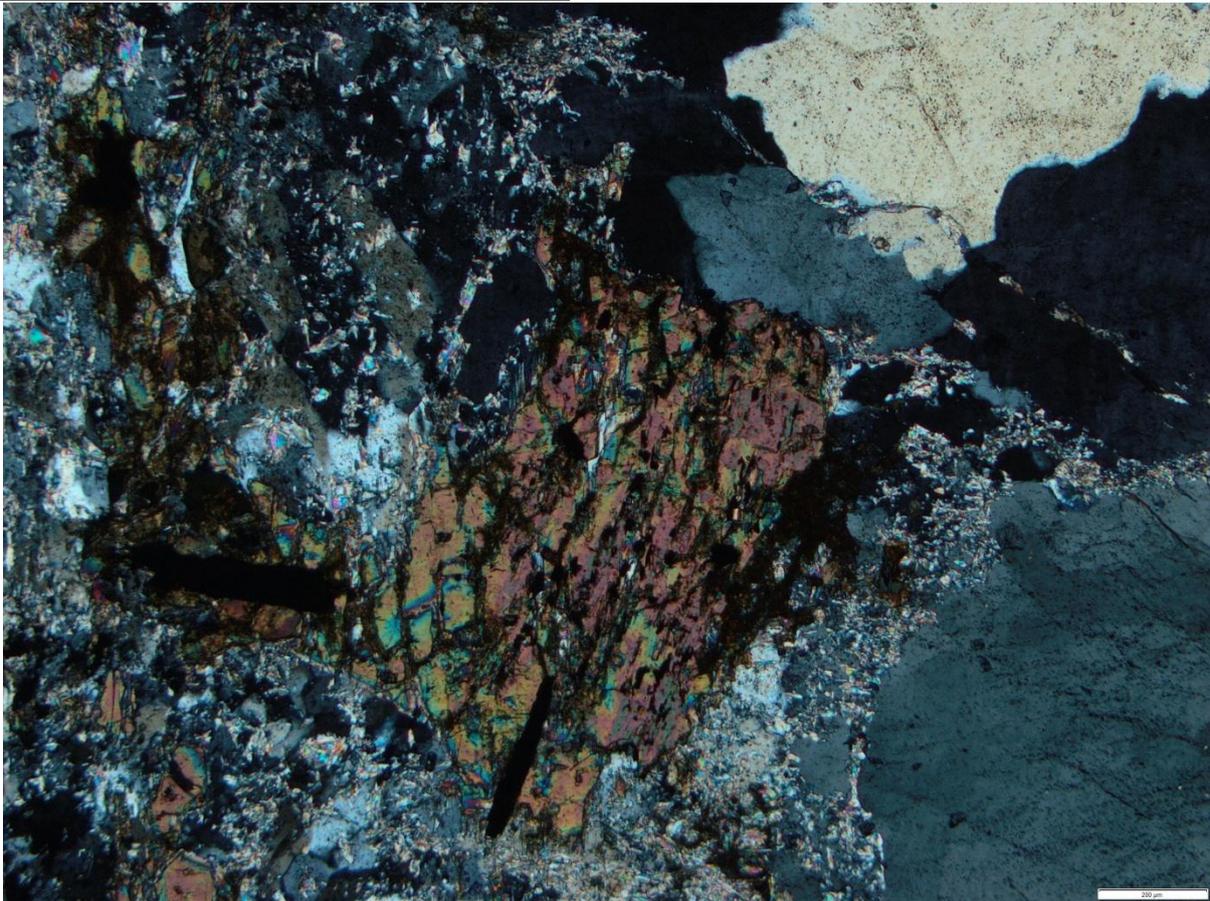


Name: sercite altered granite with tourmaline veins

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	5mm
Sericite	59	
tourmaline	2	2mm

Comments:

Sericite replacing quartz – feldspar? No original feldspar present





Thin Section Log

Type: TS Origin: VMS

ID: **BW001 247.6**



Name: Serecite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	50	5mm
Serecite	50	

Comments:
Heavily se altered qz – possibly full replacement of feldspar.

Occasional isotropic quartz



Thin Section Log

Type: TS Origin: VMS

ID: **BW001 249.3**

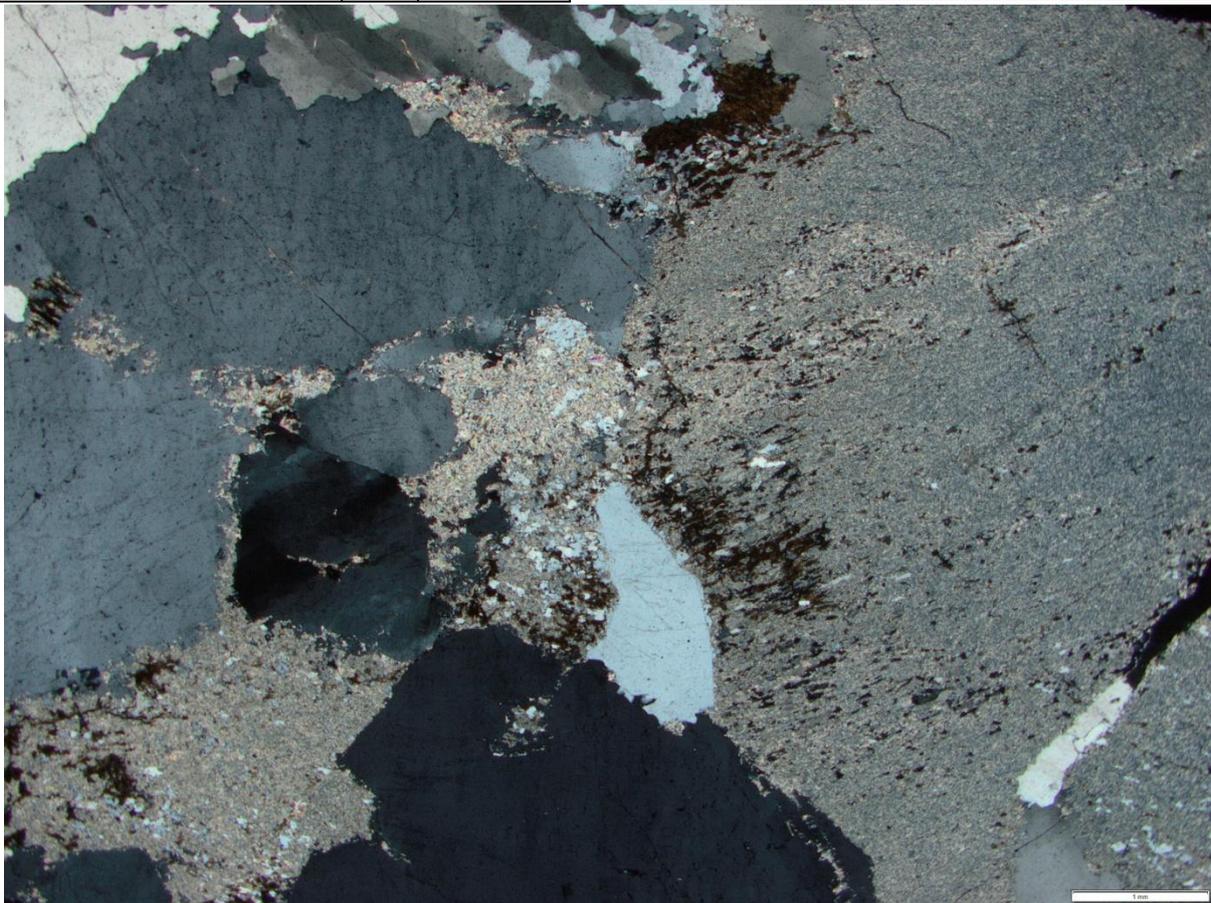


Name: Serecite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	
Serecite	50	
biotite	10	

Comments:

Strong se alteration of qz – no feldspar present but feldspar may be totally replaced by serecite





Thin Section Log

Type: PTS Origin: UTAS

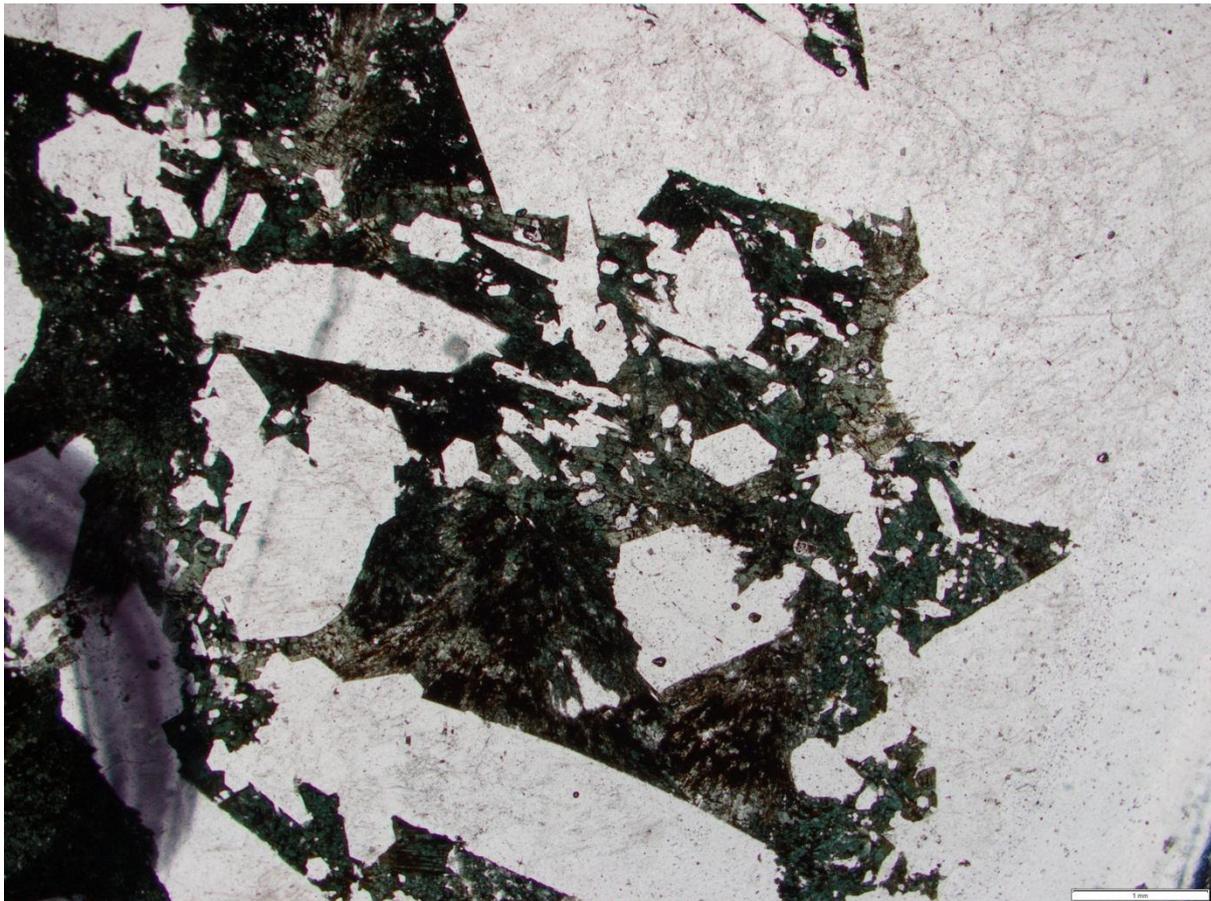
ID: **BW001 249.5**



Name: Granite with green tourmaline

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	45	
Sericite	30	
Tourmaline	15	
Biotite	2	
chlorite	5	
pyrite	5	

Comments: QZ-fsp? Altered to Se
Green tourmaline
Py oxidising





Thin Section Log

Type: TS Origin:VMS

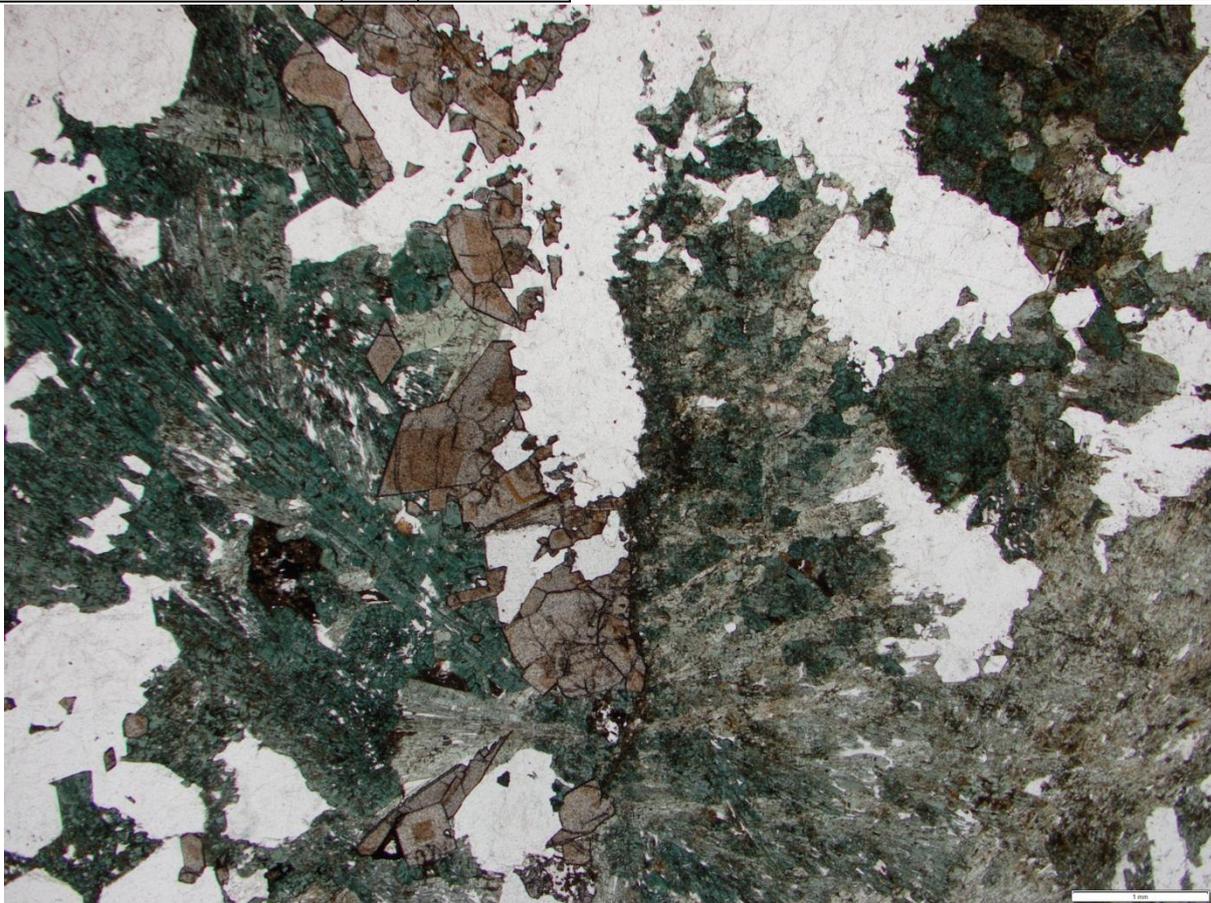
ID: **BW001 249.8**



Name: Tourmaline pyrite granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	30	2mm
Tourmaline	30	5mm
Pyrite	30	1mm
serecite	10	

Comments:





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 251.8**



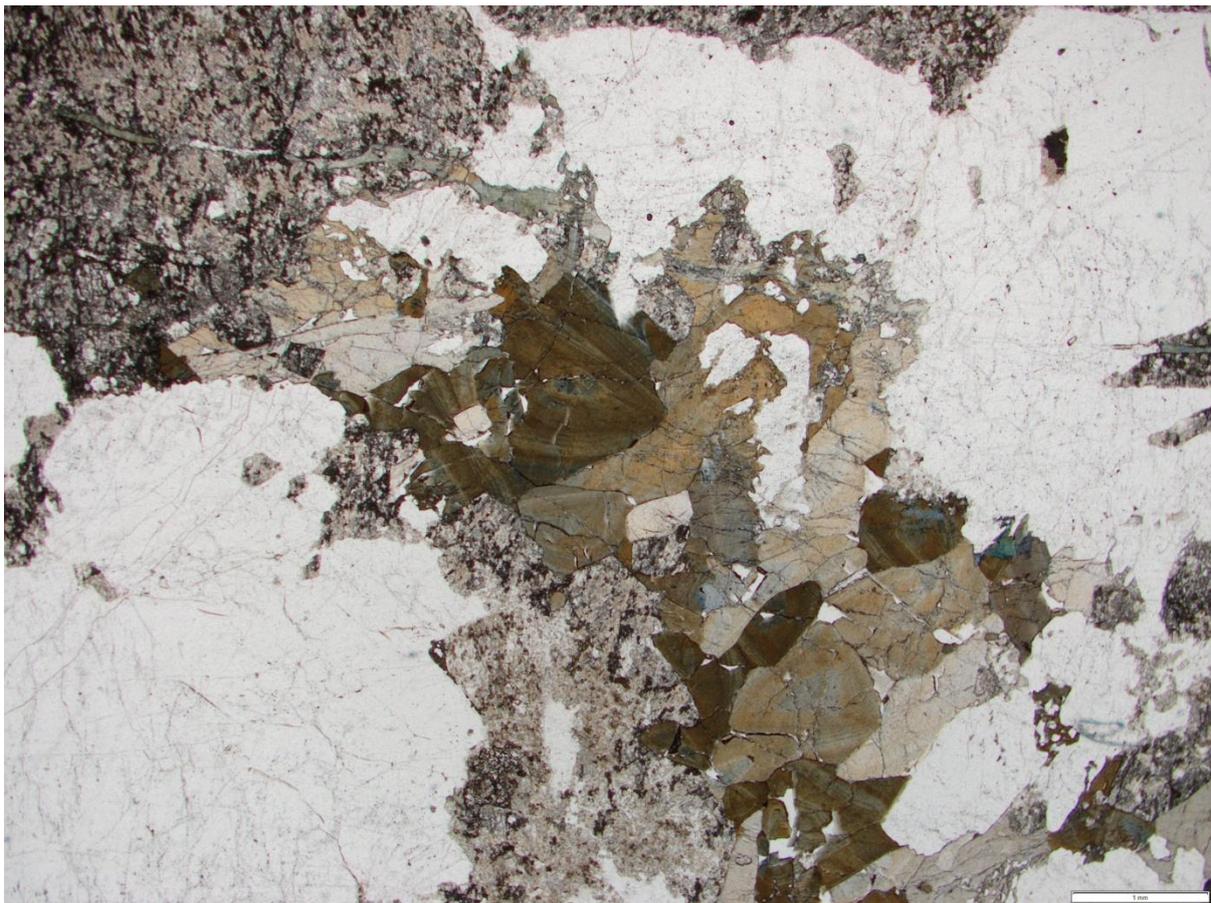
Name: sercite tourmaline granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	5mm
Sercite	55	
tourmaline	5	1mm

Comments:

Se replacing qz – fsp?

Black tourmaline in thin veins





Thin Section Log

Type: PTS Origin: UTAS

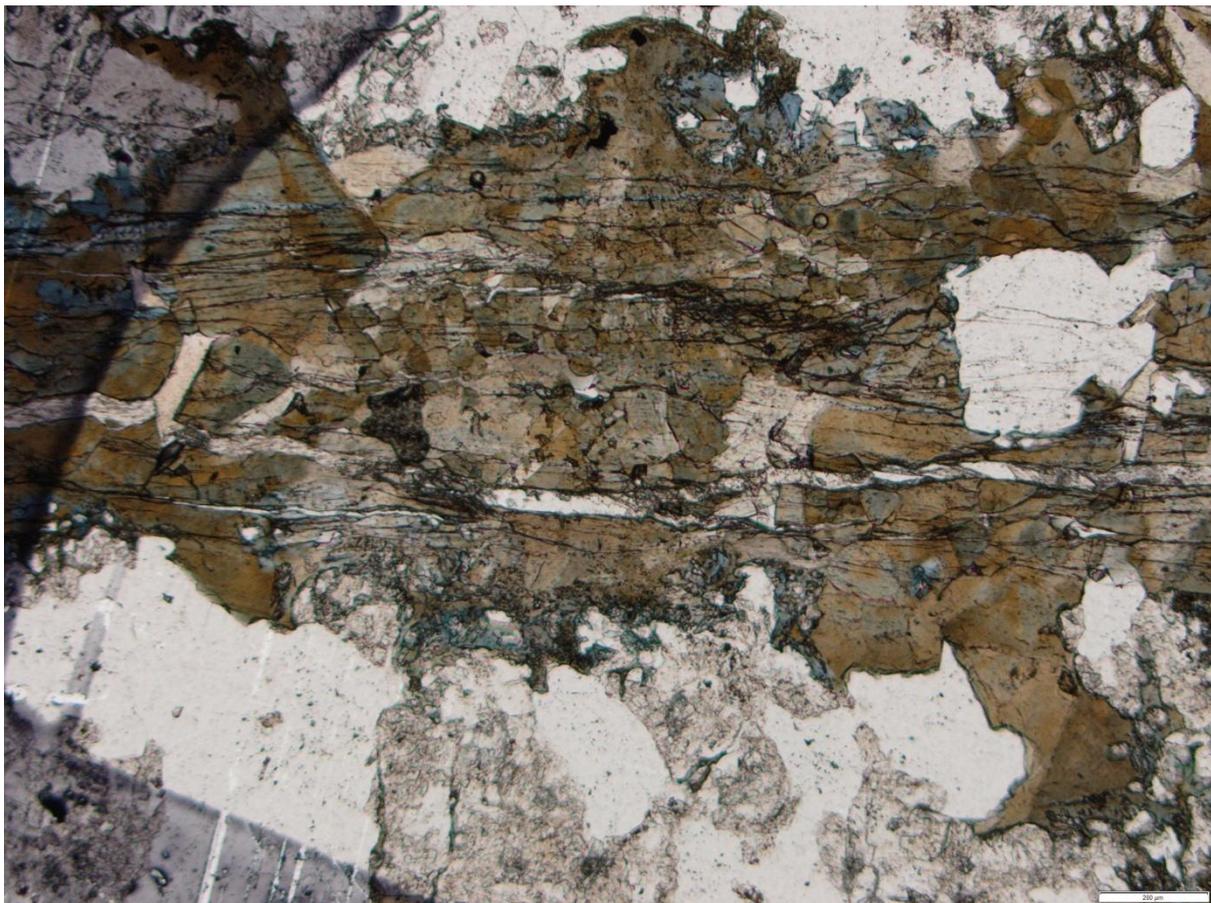
ID: **BW001 257.9**



Name: tourmaline vein in sercite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	48	.5mm
Sericite	50	
tourmaline	2	5mm

Comments:
1mm wide black tu vein in heavily se altered qz. No fsp





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 286.3**



Name: se altered granite with tuV

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	48	2mm
Sericite	48	
tourmaline	4	5mm

Comments:

3mm wide tuV in se altered granite. Qz>se, no Fsp





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW001 294.7**



Name: Biotite rich granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	60	5
Sericite	30	
biotite	10	2

Comments:

Quartz replaced by sericite. No feldspar, probably completely replaced by sericite





Thin Section Log

Type: PTS Origin: UTAS

ID: **THBW017**



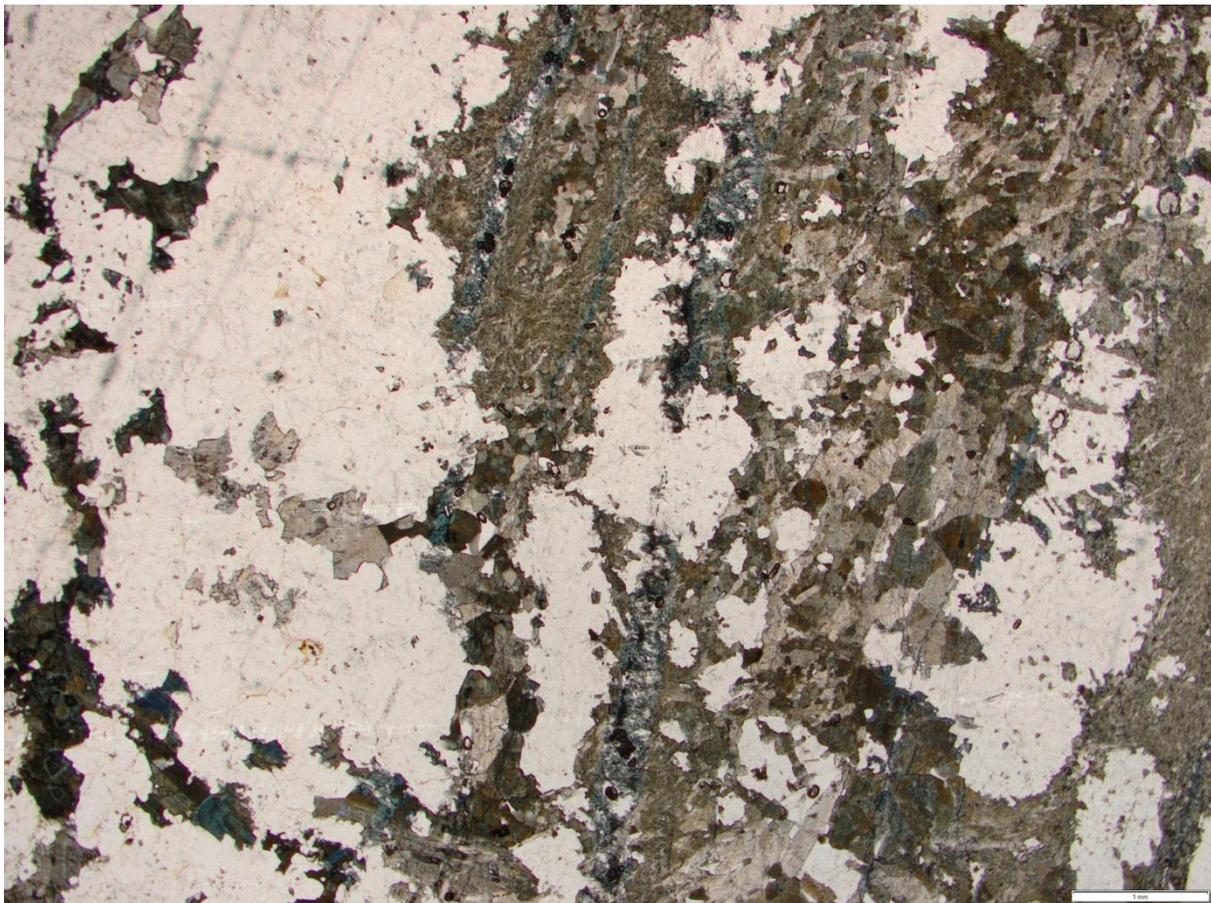
Name: TuV in granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Tu	20	
Qz	45	
Se	30	
chlorite	5	

Comments:

Green and black tourmaline concentrated in vein with quartz.

Heavy se alteration of qz in wallrock





Thin Section Log

Type: PTS Origin: UTAS

ID: **THLV001a**



Name: Quartz-tourmaline

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	60	10mm
Tourmaline	40	10mm

Comments:

**Coarse grained quartz-tourmaline
Tu replacing qz?**





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW012 120.1**



Name: Garnet vonsenite skarn

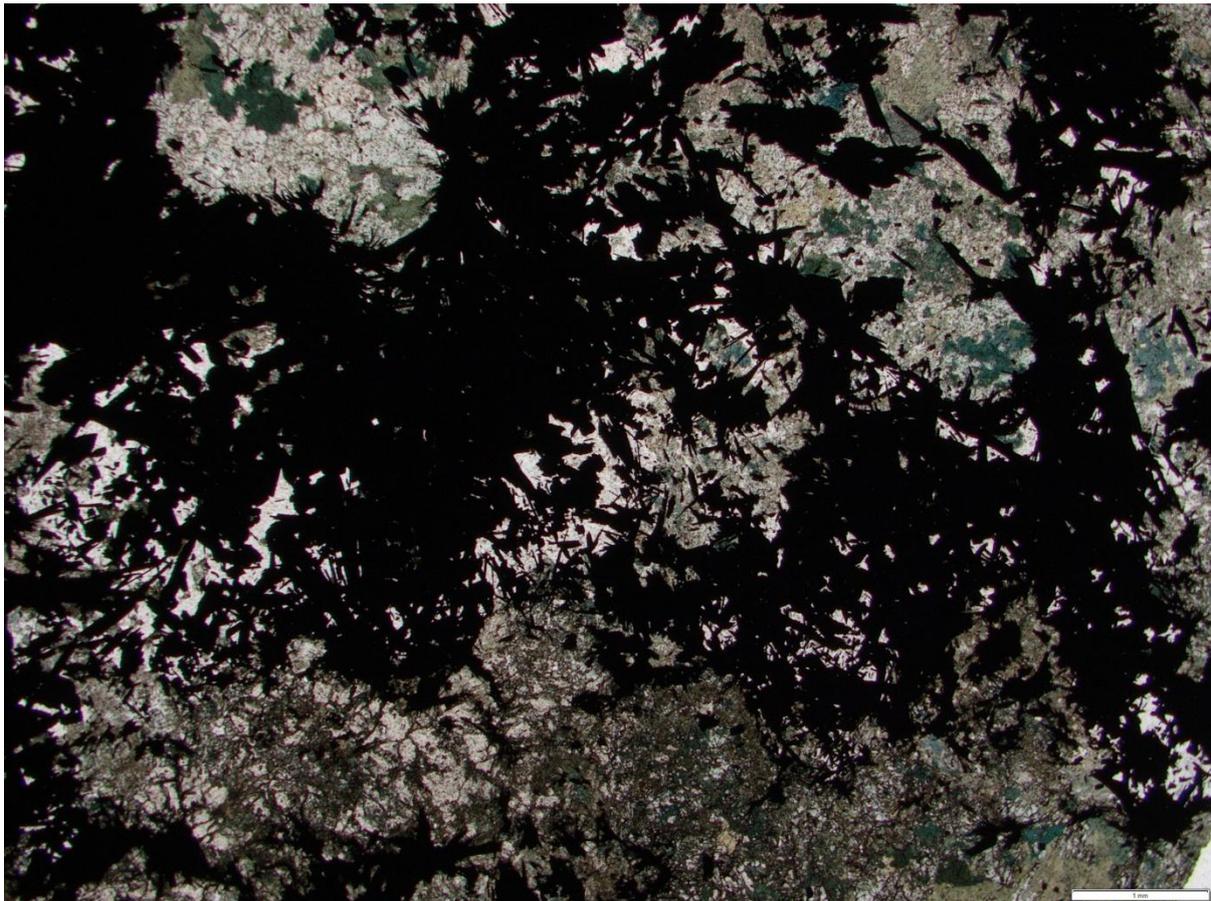
<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Garnet	30	.2mm
Vesuvianite	15	.2mm
Amphibole	20	.3mm
Vonsenite	25	1.5mm
Pyroxene	5	.1mm
Chlorite	5	.2mm
calcite	1	1mm

Comments:

Acicular vo

Am replacing gt

Am infilling gt





Thin Section Log

Type: PTS Origin: UTAS

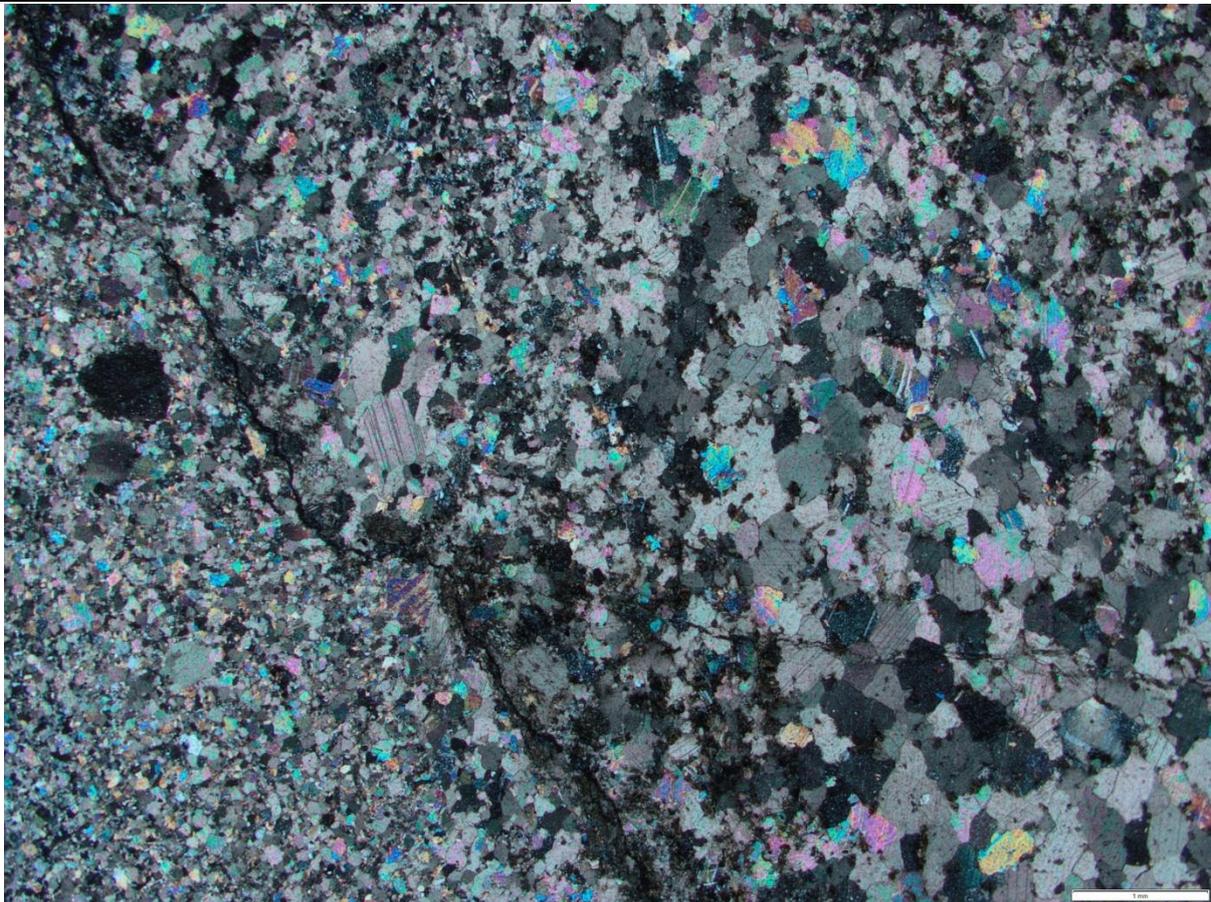
ID: **BW003A 210.1**



Name: pyroxene marble

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Pyroxene	50	.1mm
Calcite	40	.5mm
Garnet	10	.5mm

Comments:
Pyroxene replacing calcite





Thin Section Log

Type: PTS Origin: UTAS

ID: **BW003A 248.0**



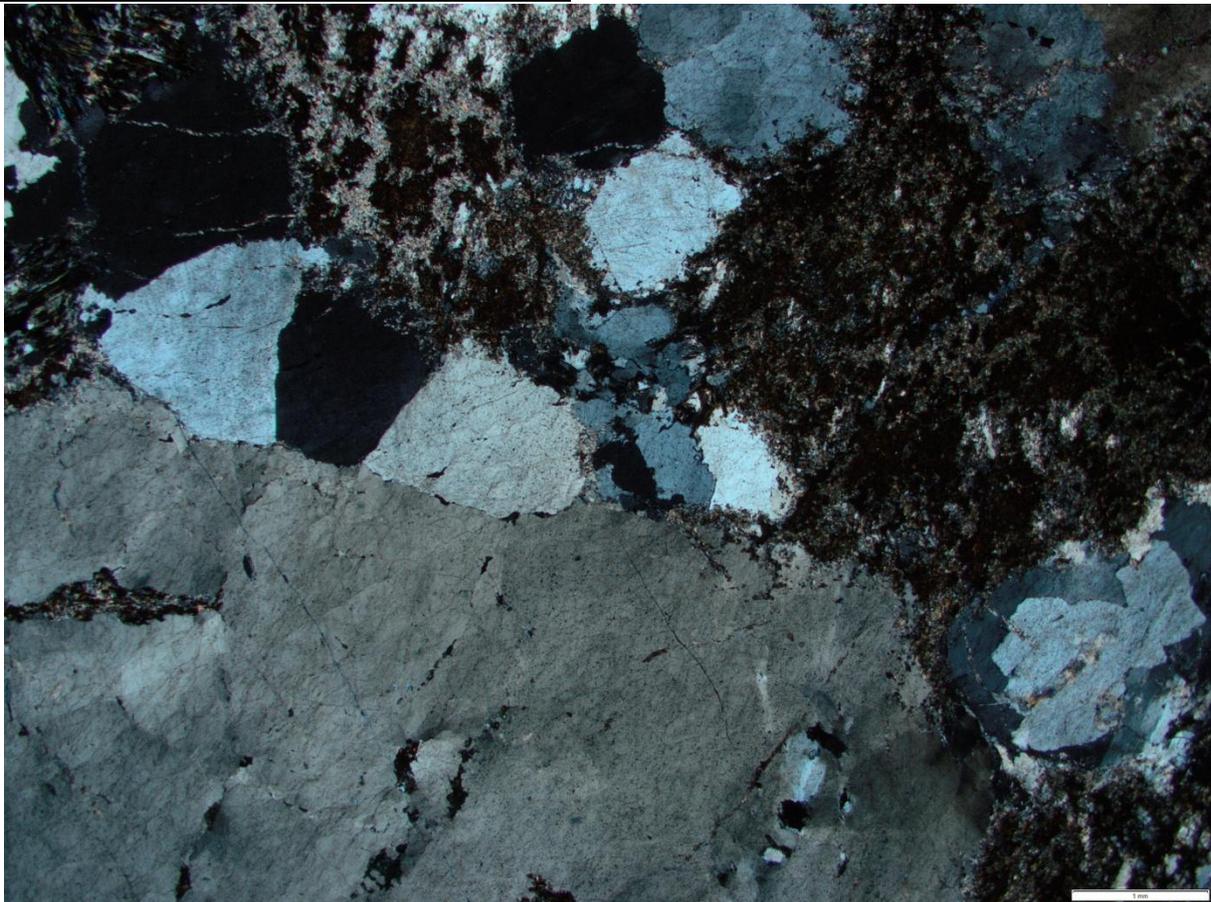
Name: Biotite sercite chlorite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	10mm
Sercite	35	.1mm
Biotite	20	.5mm
Chlorite	4	.3mm
Feldspar	1	.3mm

Comments:

Biotite –sercite replacing feldspar and quartz.

Minor chlorite infill. Feldspar almost totally replaced





Thin Section Log

Type: TS Origin: VMS

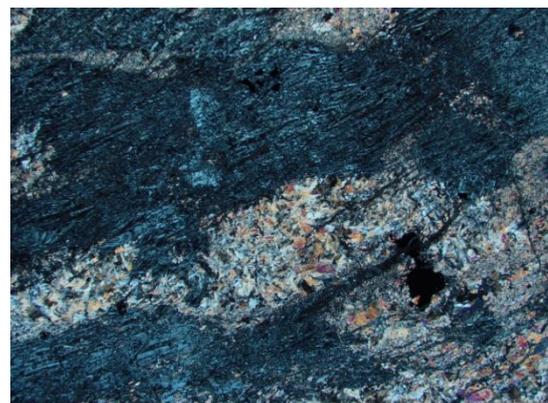
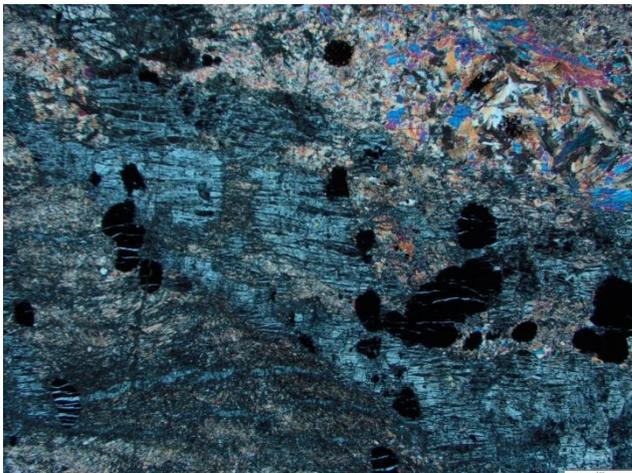
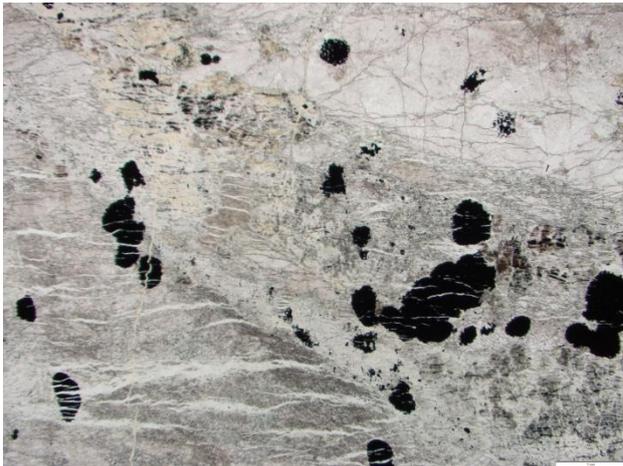
ID: **BW013_224.3**



Name: Ultramafic - serpentinite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Serpentine	60	1mm
Pyroxene?	?	
Magnetite?	10	.5mm

Comments:
Granular magnetite?





Thin Section Log

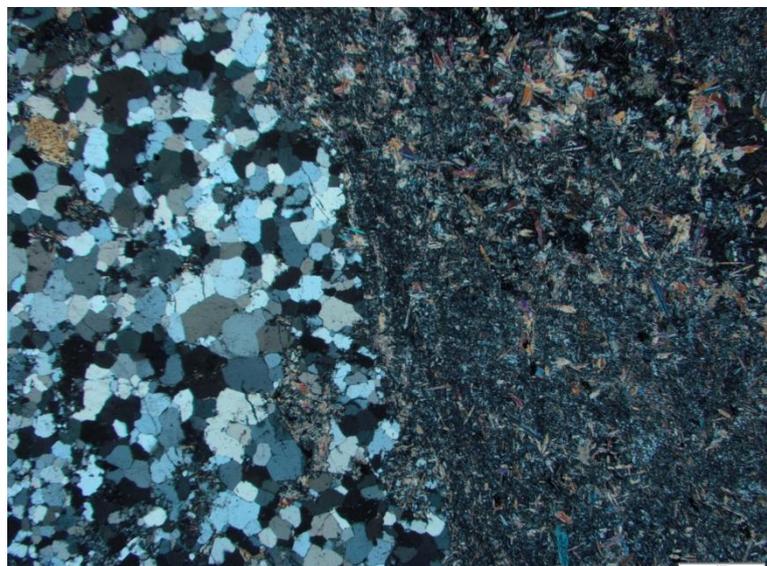
Type: TS Origin: VMS

ID: **BW013 245.65**



Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>	<u>Comments:</u>





Thin Section Log

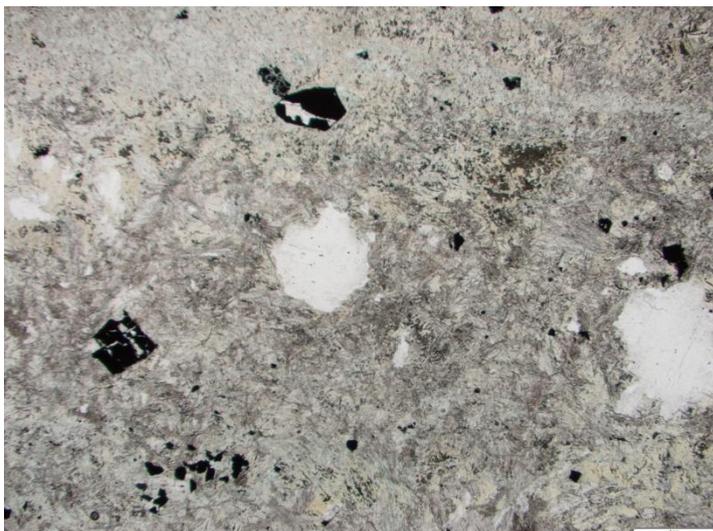
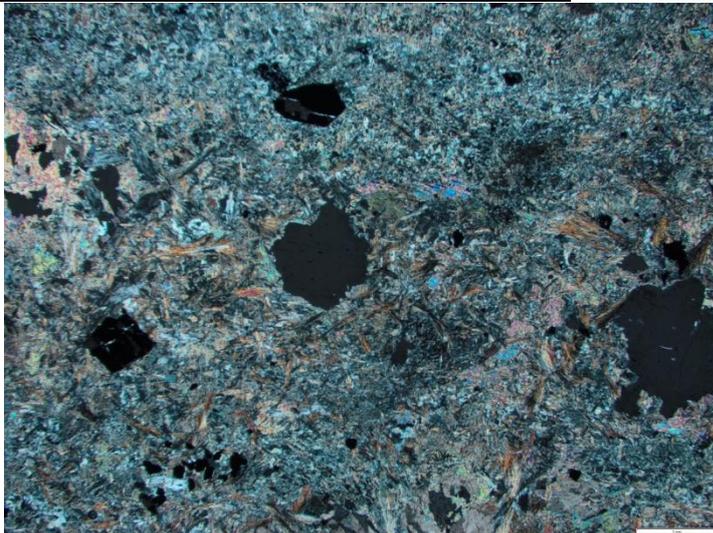
Type: TS Origin: VMS

ID: **BW009A 138.3**



Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>	<u>Comments:</u>





Thin Section Log

Type: TS Origin: VMS

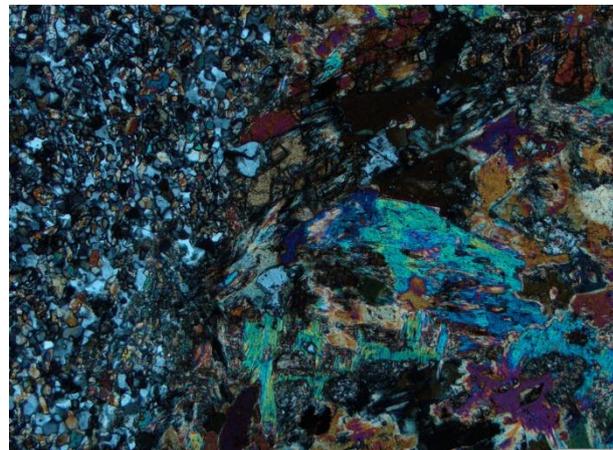
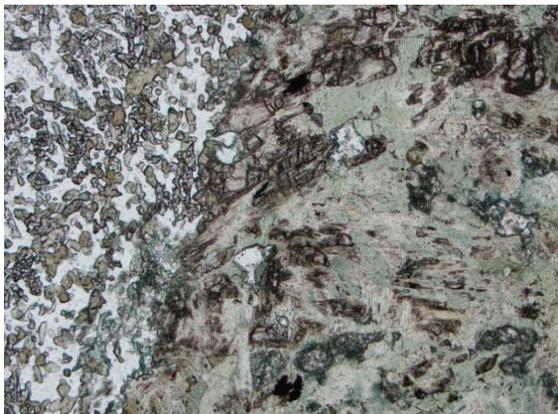
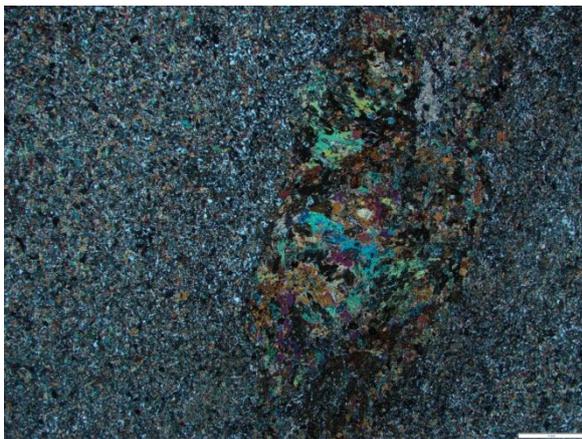
ID: **BW009A 157.2**



Name:

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>

Comments:





Thin Section Log

Type: TS Origin: VMS

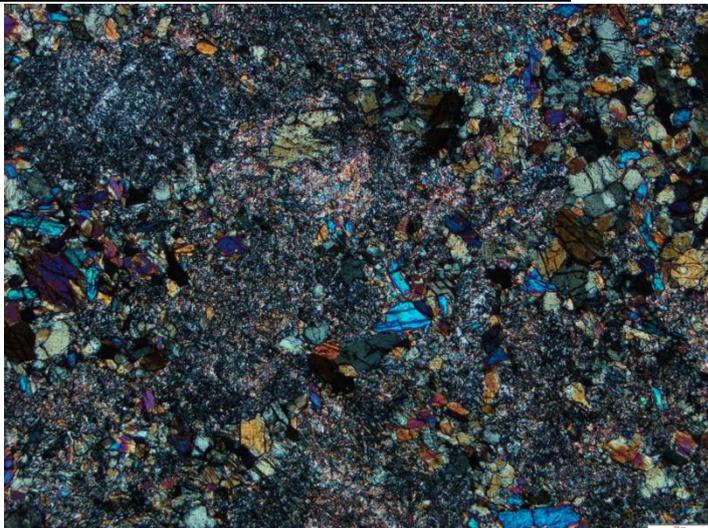
ID: **BW009A 158.9**



Name: Amphibole hornfels

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	80	200µm
Serpentine	15	2mm

Comments:





Thin Section Log

Type: TS Origin:VMS

ID: **BW002 210.9**



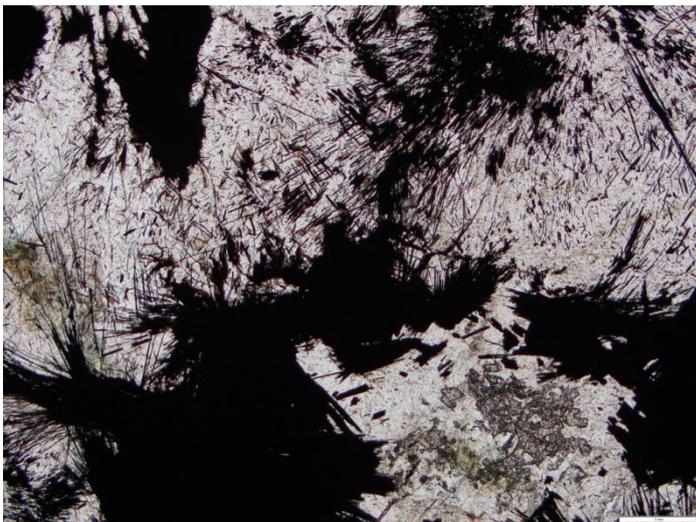
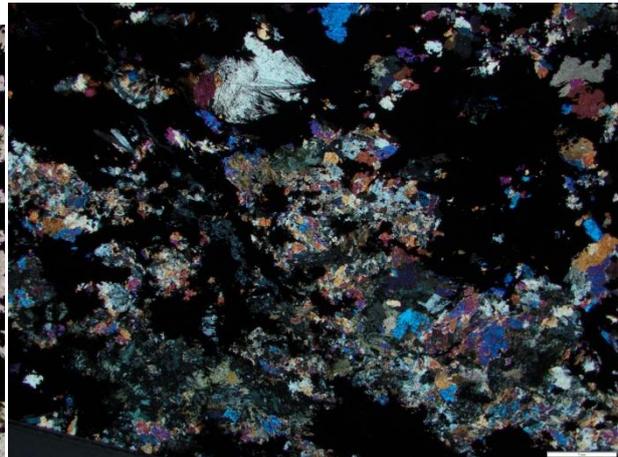
Name: Vonsenite vesuvianite amphibole skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Vonsenite	50	1mm
Vesuvianite	25	.2mm
Amphibole	15	.5mm
Pyroxene	5	.1mm
garnet	5	.2mm

Comments:

Acicular vonsenite

Amphibole replacing vesuvianite





Thin Section Log

Type: TS Origin: VMS

ID: **BW002 212.8**



Name: Magnetite garnet skarn

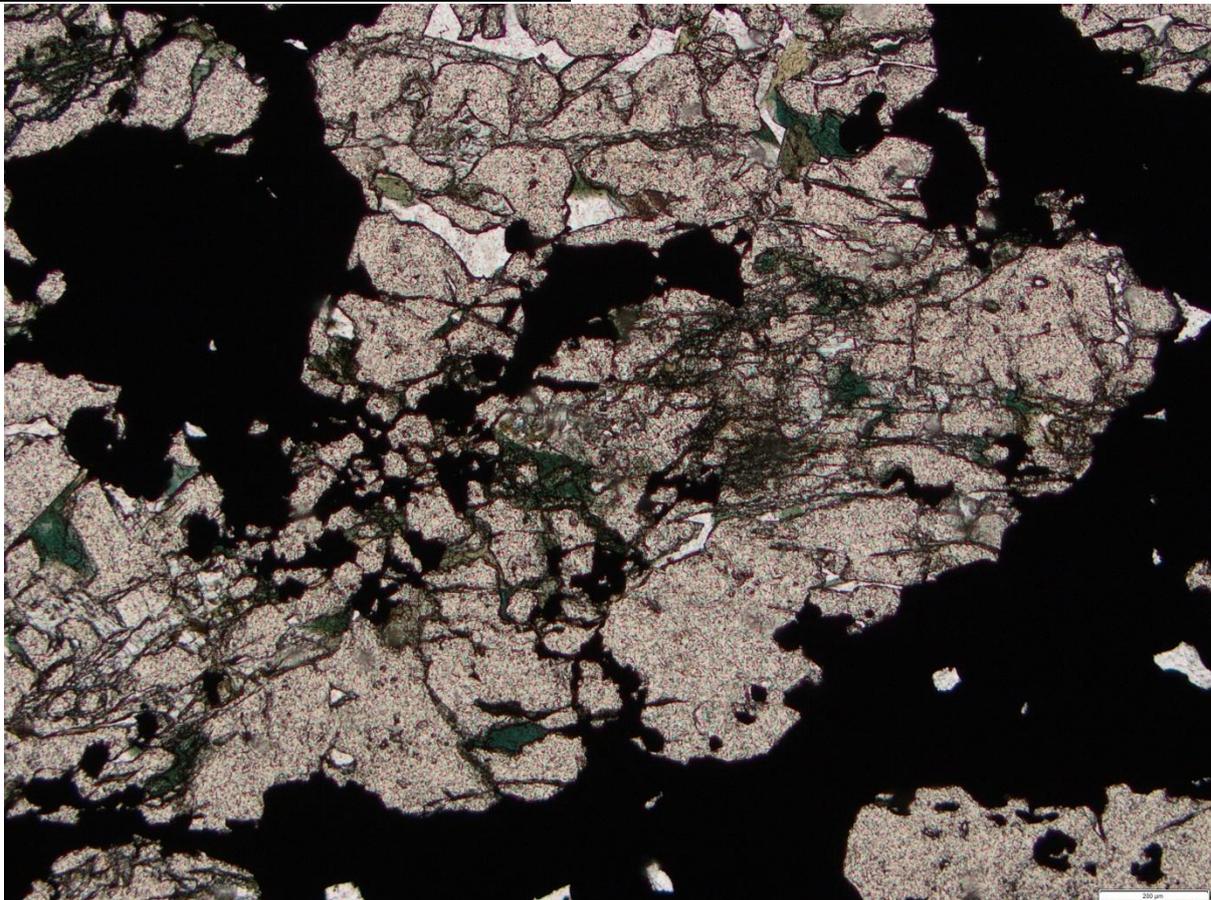
<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Magnetite	40	1mm
Garnet	45	2mm
Amphibole vesuvianite	5 10	1mm 1mm

Comments:

Pbl gt

Granular magnetite

Am replacing gt





Thin Section Log

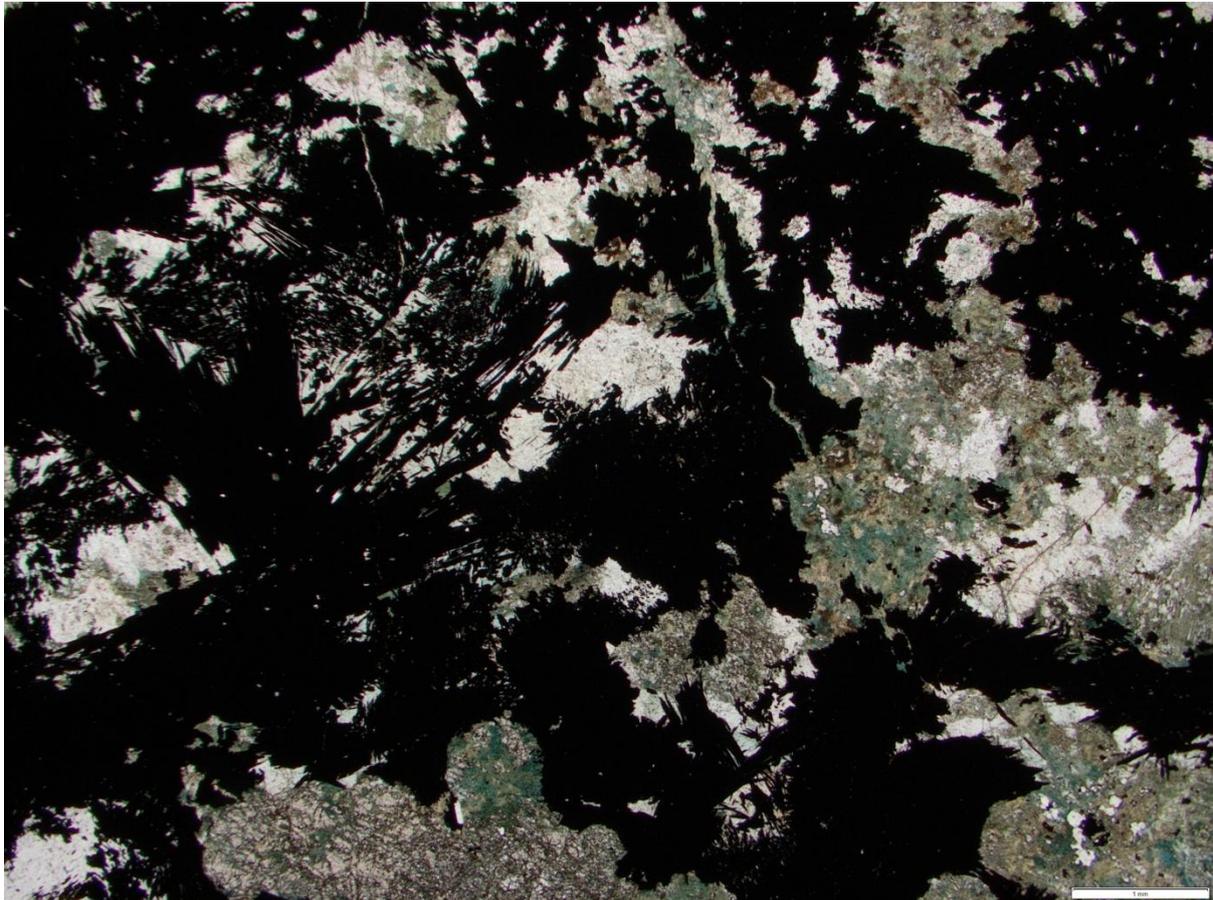
Type: TS Origin: VMS

ID: **BW002 214.1**



Name: amphibole vonsenite skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>	Comments: Acicular vonsenite Amphibole replacing pyroxene Amphibole replacing serpentine
Orthopyroxene	19		
Amphibole	35		
Vonsenite	45		
serpentine	1		





Thin Section Log

Type: TS Origin: VMS

ID: **BW002 217.9**



Name: Garnet amphibole skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Amphibole	29	.2mm
Garnet	50	.2mm
pyroxene	20	.1mm
Vonsenite? FeTio?	1	.5mm

Comments:
Am infilling cracks in gt
Am preplacing pyroxene



Thin Section Log

Type: TS Origin: VMS

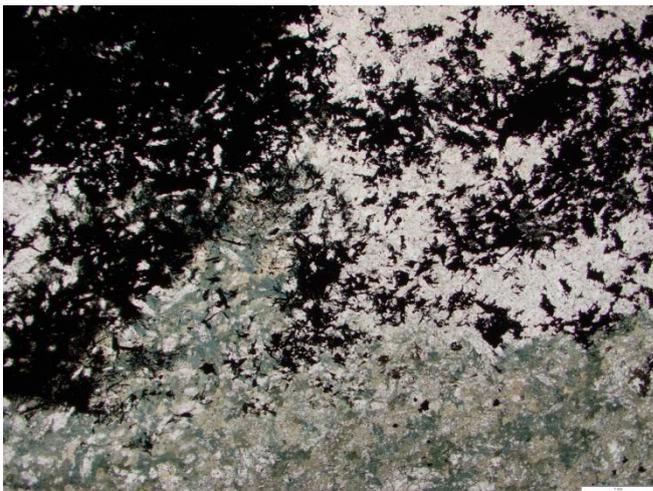
ID: **BW002 220.2**



Name: vonsenite amphibole pyroxene skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Vonsenite	30	.7mm
Amphibole	40	.5mm
pyroxene	30	.2mm

Comments:
Amphibole replacing pyroxene
Acicular vonsenite





Thin Section Log

Type: TS Origin:VMS

ID: **BW002 222.5**

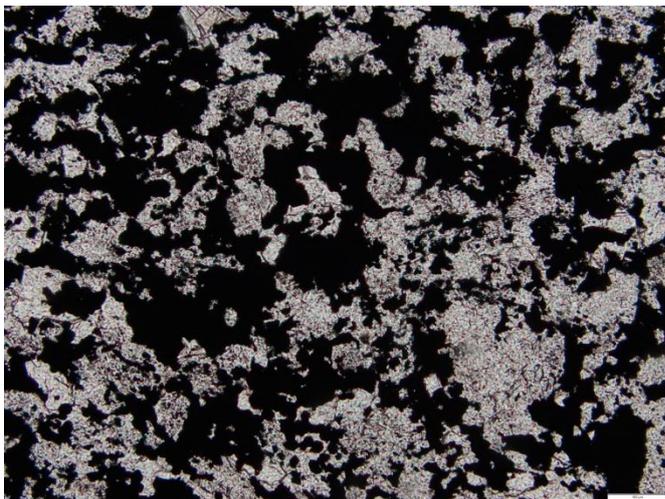
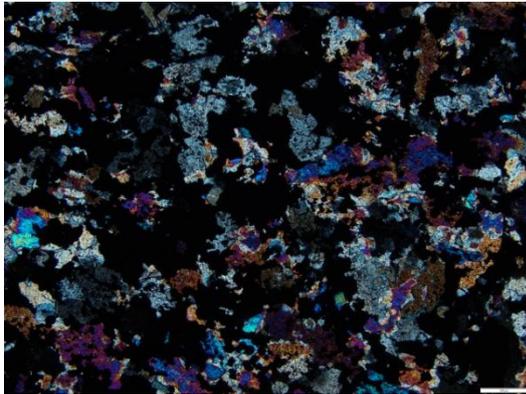


Name: Pyroxene magnetite skarn

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Pyroxene	50	100µm
magnetite	50	100µm

Comments:

Granular magnetite





Thin Section Log

Type: TS Origin: VMS

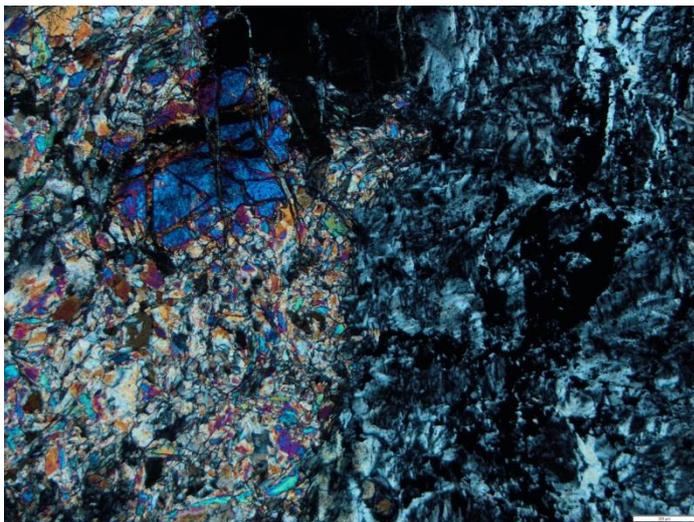
ID: **BW002 224.4**



Name: Ultramafic

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Serpentine	60	1mm
Magnetite	5	.5mm
Pyroxene	34	.2mm
olivine	1	.4mm

Comments:





Thin Section Log

Type: TS Origin:VMS

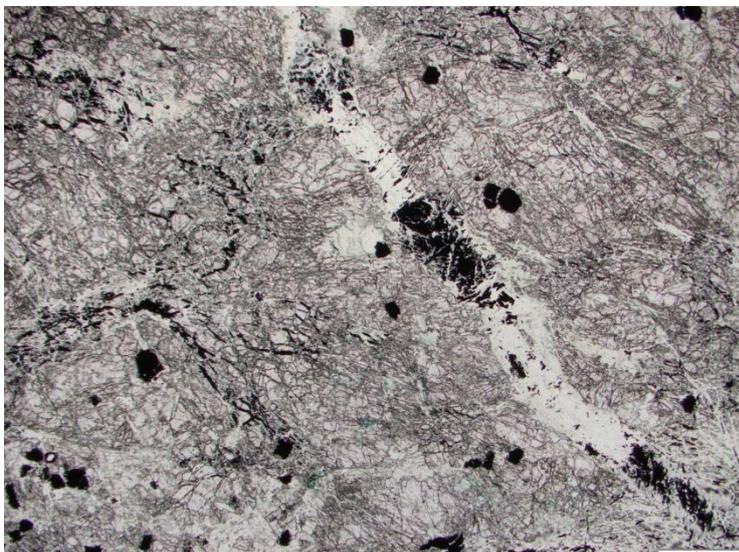
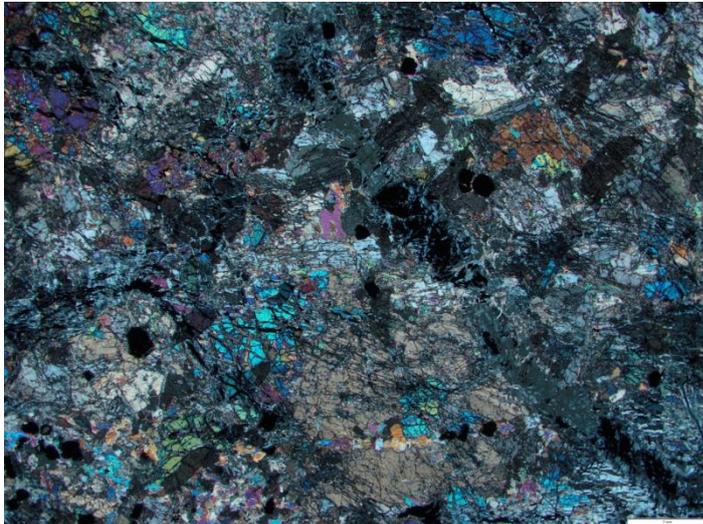
ID: **BW002 225.9**



Name: Ultramafic

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Serpentine	60	2mm
Pyroxene	30	.5mm
FeTiO	10	.3mm

Comments:





Thin Section Log

Type: TS Origin: VMS

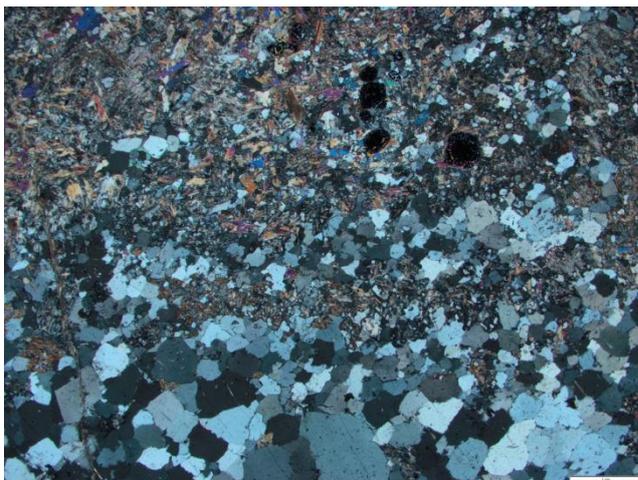
ID: **BW002 228.0**



Name: sercite, pyroxene rich granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	20	
Sericite	30	
Pyroxene	30	
FeTiO?	2	
Serpentine?	18	

Comments:





Thin Section Log

Type: TS Origin: VMS

ID: **BW002 229.0**



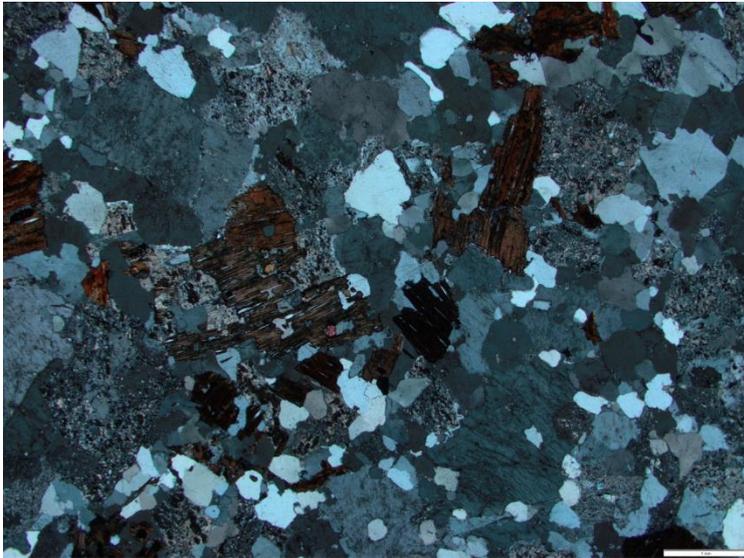
Name: Biotite rich granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	48	1.5mm
Biotite	25	1.5mm
serecite	25	
Tourmaline	2	1mm

Comments:

Feldspar replaced by biotite and serecite. No original feldspar remaining

Quartz replaced by serecite





Thin Section Log

Type: TS Origin:VMS

ID: **BW002 233.1**



Name: sercite altered granite

<u>Phase</u>	<u>%</u>	<u>Grainsize</u>
Quartz	40	3mm
Sericite	59	
biotite	1	.5mm

Comments:
No original fsp remaining. Fsp replaced by sercite. Quartz replaced by sercite

