

149-900A-80R-1 (Piece 1, 1–4 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite (garnet bearing).
 GRAIN SIZE: <1mm.
 TEXTURE: Granoblastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Hornblende	30		1–3		Green.
Plagioclase	60		0.3–1.4		
Garnet	1		1.6		
Apatite	1		0.4		
Opagues	3		0.45%		Chlorite + <1% Epidote.

149-900A-80R-1 (Piece 3A, 21–22 cm) OBSERVER: GUY
 ROCK NAME: Sheared cataclastic plagioclasite.
 GRAIN SIZE: 0.1–2 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	25		1.7		
Epidote	3		0.1		1% zoisite in veins.
Clinopyroxene	1		0.1		
Calcite	1				

149-900A-80R-1 (Piece 10, 100–103 cm) OBSERVER: GUY
 ROCK NAME: Cataclased norite.
 GRAIN SIZE: 0.1–1.6 mm.
 TEXTURE: Cataclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	60		0.1–1.4		
Orthopyroxene	30		1.6		

149-900A-80R-2 (Piece 10, 91–94 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite.
 GRAIN SIZE: 0.1–1.2 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	58		0.1–1.5		
Clinopyroxene	5		0.1–0.8		
Hornblende	35		0.2		Green, after pyroxene.
Epidote	1				
Calcite	1				In vein.

149-900A-80R-2 (Piece 11, 95–96 cm) OBSERVER: GUY
 ROCK NAME: Flaser gabbro.
 GRAIN SIZE: 0.1–3 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Clinopyroxene	45		0.1–1		Kink bands in porphyroclasts are obvious.
Plagioclase	54		0.1–3		
Zoisite	1				In vein.

149-900A-81R-1 (Piece 2, 15–16 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite.
 GRAIN SIZE: <1 mm.
 TEXTURE: Granoblastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Hornblende	48		0.4	Anhedral.	Green, fibrous.
Plagioclase	49		0.2		
Chlorite	1		0.2		
Opagues + Sphene	1		0.05		
Epidote	1		0.1		Dispersed and in veins.

SITE 900

149-900A-81R-1 (Piece 4B, 61–64 cm) OBSERVER: GUY
 ROCK NAME: Calcified metamorphic breccia.
 GRAIN SIZE: 5 mm.
 TEXTURE: Cataclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Calcite	53		0.8		
Epidote/Zoisite	20		0.2		
Plagioclase	17		0.4		
Hornblende	5		0.2		
Opaque	2		0.1		

149-900A-81R-1 (Piece 5, 101–104 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite.
 GRAIN SIZE: 0.3 mm.
 TEXTURE: Granoblastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Amphibole	55		0.5	Anhedral.	Green hornblende after pyroxene.
Plagioclase	39		0.2	Anhedral.	
Chlorite	4		0.1		
Opacues	1		0.1		
Epidote	1		0.1		In vein (with zoisite?).

149-900A-81R-1 (Piece 9A, 136–137 cm) OBSERVER: GUY
 ROCK NAME: Altered amphibolite.
 GRAIN SIZE: <1 mm.
 TEXTURE: Granoblastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	67		0.4	Anhedral.	
Chlorite	8		0.3		A layer 5 mm thick.
Zoisite/Epidote	4		0.1		In veins.
Hornblende	20		0.3		Green.
Opacues	1		0.1		

149-900A-82R-1 (Piece 2B, 22–25 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite.
 GRAIN SIZE: 0.3 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pyroxene	5		0.5	Anhedral.	
Plagioclase	55		0.3		
Amphibole	30		0.2		Green.
Epidote					<1% in vein.
Calcite					<1% in vein.

149-900A-82R-1 (Piece 3C, 112–115 cm) OBSERVER: GUY
 ROCK NAME: Brecciated amphibolite.
 GRAIN SIZE: 0.4–5 mm.
 TEXTURE: Cataclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Hornblende	28		0.4	Anhedral.	Green.
Epidote/Zoisite	10		0.5		
Calcite	7		0.5		In vein.
Plagioclase	58		0.3		
Chlorite	7				

149-900A-82R-3 (Piece 2, 74–78 cm) OBSERVER: GUY
 ROCK NAME: Metamorphic breccia.
 GRAIN SIZE: 1.3 mm.
 TEXTURE: Cataclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	30		0.3		
Actinolite	20		0.2		
Chlorite	15		0.2		
Epidote	15		0.2		
Calcite	20		1.0		

149-900A-82R-5 (Piece 1B, 25–29 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite (flaser gabbro).
 GRAIN SIZE: 0.5 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	29		0.2–4		
Amphibole	70		0.4		Hornblende/actinolite.
Epidote	1				Zoisite.

149-900A-82R-5 (Piece 4A, 111–116 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite.
 GRAIN SIZE: 0.3 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	49		0.3		Altered to clinzoisite.
Amphibole	43		0.4		Hornblende/actinolite.
Epidote	1				
Chlorite	5				
Pyroxene	2				Both orthopyroxene and clinopyroxene are present.

149-900A-83R-2 (Piece 1A, 11–15 cm) OBSERVER: GUY
 ROCK NAME: Pyroxene amphibolite.
 GRAIN SIZE: 0.1–0.4 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	55		0.1–2		
Pyroxene	25		0.3–1.4		Stretched, bent, granulated.
Amphibole	15		0.4		Green.
Chlorite	2		0.1		
Calcite	2		1		In vein.

149-900A-83R-2 (Piece 1G, 67–70 cm) OBSERVER: GUY
 ROCK NAME: Flaser gabbro.
 GRAIN SIZE: 0.1–2.2 mm.
 TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	43		0.2–2.2		
Pyroxene	40		0.1–1.2		
Amphibole	15		0.1		Tremolite or Actinolite.
Epidote	1		0.2		In vein parallel to foliation.
Chlorite	1				In vein crosscutting foliation.

149-900A-83R-2 (Piece 1G, 128–132 cm) OBSERVER: GUY
 ROCK NAME: Amphibolite.
 GRAIN SIZE: 0.4 mm.
 TEXTURE:

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Hornblende	60		0.4–1.2		Green, with chlorite. Replaces pyroxene.
Pyroxene	2		0.1	Anhedral.	
Plagioclase	35		0.2		
Chlorite	1		0.1		
Zoisite + calcite	2		0.5		

149-900A-84R-1 (Piece 5C, 93–95 cm) OBSERVER: GUY
 ROCK NAME: Cataclastic plagioclasite.
 GRAIN SIZE: 0.1–2 mm.
 TEXTURE: Slightly cataclastic, porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	80		0.1–2		
Chlorite	10		0.2		
Zoisite	1		0.2		In veins and fractures.
Calcite	9		1		In veins and fractures.

SITE 900

149-900A-84R-1 (Piece 5C, 93–95 cm)
 ROCK NAME: Brecciated greenschist.
 GRAIN SIZE: <0.01– 0.1 mm.
 TEXTURE: Cataclastic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS	
Chlorite	40				Chlorite and calcite are main constituents of the groundmass.	
Actinolite	34					
Epidote/zoisite	20		0.6			
Calcite	5		1.2			In vein.
Zeolite?						In vein.

149-900A-84R-1 (Piece 12, 131–135 cm)
 ROCK NAME: Metamorphosed pyroxenite.
 GRAIN SIZE: 0.6 mm.
 TEXTURE: Porphyroclastic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pyroxene	40		0.15–0.4		Orthopyroxene and Clinopyroxene. In vein with 1% prehnite.
Epidote + zoisite	15		0.2		
Plagioclase	20		0.6		
Chlorite	10		0.2		
Amphibole	5		0.2		

149-900A-84R-2 (Piece 4B, 111–113 cm)
 ROCK NAME: Cataclastic plagioclase.
 GRAIN SIZE: 0.1–2 mm.
 TEXTURE: Cataclastic, porphyroclastic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	80		0.1–2		In veins and fractures. In veins and fractures.
Chlorite	10		0.2		
Zoisite	1		0.2		
Calcite	9		1		

149-900A-84R-3 (Piece 4B, 76–80 cm)
 ROCK NAME: Cataclastic plagioclase.
 GRAIN SIZE: 0.1–2 mm.
 TEXTURE: Cataclastic, porphyroclastic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	80		0.1–2		In veins and fractures. In veins and fractures.
Chlorite	10		0.2		
Zoisite	1		0.2		
Calcite	9		1		

149-900A-84R-4 (Piece 6, 72–76 cm)
 ROCK NAME: Sheared micro-gabbro.
 GRAIN SIZE: 0.1–3.5 mm.
 TEXTURE: Porphyroclastic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	40		0.1–3.5		Triple junction of subgrains. Orthopyroxene and clinopyroxene. Some clearly derived from clinopyroxene. With actinolite and in veins.
Pyroxene	45		0.1–2		
Actinolite	10		0.2		
Chlorite	5		0.1		

149-900A-85R-1 (Piece 1B, 21–24 cm)
 ROCK NAME: Pyroxenite.
 GRAIN SIZE: 0.1–1.8 mm.
 TEXTURE: Granoblastic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pyroxene	35		0.1–1.8	Anhedral.	Triple junction at subgrain boundaries with actinolite and in veins derived from clinopyroxene.
Plagioclase	45		0.1		
Chlorite	5				
Actinolite	10				
Zoisite	2		1.2		In vein.