

149-899B-16R-2 (Piece 8B, 87–91 cm)
ROCK NAME: Meta-peridotite clast.
GRAIN SIZE: 0.3 mm.
TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	90		0.3 mm	Flakes.	
Sphene	5		0.2 mm	Globular.	
Magnetite	5		0.2 mm		

149-899B-17R-2 (Piece 6, 76–80 cm)
ROCK NAME: Meta-peridotite clast.
GRAIN SIZE: 0.3 mm.
TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pumpellyite	35		0.3 mm	Equant.	
Epidote	35		0.3 mm		
Chlorite	20				
Opaque	10				

149-899B-17R-3 (Piece 11, 84–90 cm)
ROCK NAME: Soapstone clast.
GRAIN SIZE: 0.4 mm.
TEXTURE: Micaceous.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Talc	95		0.4 mm	Flakes.	
Tremolite	5				

149-899B-18R-2 (Piece 1B, 24–29 cm)
ROCK NAME: Meta-pyroxenite clast.
GRAIN SIZE: 0.4 mm.
TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	30		0.4 mm	Flakes.	
Pumpellyite	30		0.4 mm		
Zoisite	30		0.4 mm		
Magnetite	10				

149-899B-18R-4 (Piece 1C, 68–73 cm)
ROCK NAME: Soapstone clast.
GRAIN SIZE: 0.2 mm.
TEXTURE: Micaceous.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Talc	95	0	0.2 mm	Flakes.	
Magnetite	5	1	0.4 mm		Altered spinel.

149-899B-18R-5 (Piece 2, 79–83 cm)
ROCK NAME: Meta-pyroxenite clast.
GRAIN SIZE: 0.7 mm.
TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pumpellyite	50		0.8 mm		
Tremolite	40		0.7 mm		
Chlorite	5		0.4 mm		
Epidote	4				
Sphene	1				

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149-899B-19R-2 (Piece 1, 10–15 cm)
 ROCK NAME: Serpentinized peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Protogranular.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	50		0.5–1 mm		
Tremolite	40				
Chlorite	8				
Magnetite	1				
Talc	1				

149-899B-20R-1 (Piece 7F, 131–134 cm)
 ROCK NAME: Meta-pyroxenite clast.
 GRAIN SIZE: 0.5 mm.
 TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pumpellyite	60		0.5 mm		
Amphibole	21				
Epidote	10				
Chlorite	5				
Magnetite	3				Sphene also present 1%.

149-899B-20R-2 (Piece 1C, 35–37 cm)
 ROCK NAME: Serpentinized peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Mesh Serpentine.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	82				
Tremolite	14		0.3–0.4 mm		
Talc	2				
Calcite	2				

149-899B-20R-2 (Piece 5B, 90–93 cm)
 ROCK NAME: Soapstone clast.
 GRAIN SIZE: 0.4–0.5 mm.
 TEXTURE: Breccia.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Talc	54		0.4 mm		Composite clast of (1) talc and (2) amphibole plus chlorite.
Tremolite	34				
Chlorite	10				
Sphene	1				
Calcite	1				

149-899B-20R-4 (Piece 9, 96–100 cm)
 ROCK NAME: Serpentinized pyroxenite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Clinopyroxene	60		0.7 mm	Anhedral	Totally replaced by chlorite.
Orthopyroxene	15		0.7 mm	Anhedral	
Serpentine	21				
Plagioclase	3				
Magnetite	1				

149-899B-21R-3 (Piece 1A, 29–32 cm) OBSERVER: GUY
 ROCK NAME: Serpentinized peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Mesh serpentinite.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	75				
Chlorite	5				
Pumpellyite	5				
Magnetite	10				
Calcite	5				

149-899B-21R-4 (Piece 8, 117–121 cm) OBSERVER: GUY
 ROCK NAME: Pyroxenite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Equant.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Clinopyroxene	84			Anhedral.	
Orthopyroxene	13			Anhedral.	
Spinel	2				
Plagioclase	1				Replaced by chlorite.

149-899B-21R-4 (Piece 11, 131–135) OBSERVER: GUY
 ROCK NAME: Meta-peridotite clast.
 GRAIN SIZE: 0.4 mm.
 TEXTURE: Equant.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	90		0.4 mm	Flakes.	
Sphene	5				
Tremolite	5				

149-899B-21R-5 (Piece 3C, 38–42 cm) OBSERVER: GUY
 ROCK NAME: Meta-peridotite clast.
 GRAIN SIZE: 0.4 mm.
 TEXTURE: Equant.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	90			Flakes.	
Sphene	5				
Opaque	5				

149-899B-22R-1 (Piece 2, 8–11 cm) OBSERVER: GUY
 ROCK NAME: Meta-peridotite clast.
 GRAIN SIZE: 0.5 mm.
 TEXTURE: Equant.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	40			Flakes.	
Epidote	40				
Tremolite	16				
Opaque	4				

149-899B-22R-1 (Piece 21, 111–114 cm) OBSERVER: GUY
 ROCK NAME: Meta-peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Equant.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Epidote	50		0.4 mm		
Chlorite	45				
Sphene	4				
Calcite	1				In veins.

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149-899B-23R-1 (Piece 4, 45–48 cm)
 ROCK NAME: Meta-pyroxenite clast.
 GRAIN SIZE: 0.4 mm.
 TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pumpellyite	55		0.4 mm		
Tremolite	30		0.4 mm		
Chlorite	10				
Opaque	5				

149-899B-23R-3 (Piece 20, 117–122 cm)
 ROCK NAME: Meta-pyroxenite clast.
 GRAIN SIZE: 0.4–0.8 mm.
 TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Pumpellyite	54		0.4–0.8 mm		Zoned clast.
Tremolite	30		0.4 mm		Pink vein is zoisite.
Epidote	10				
Zoisite	5				
Chlorite	1				Chlorite and serpentine.

149-899B-24R-1 (Piece 18B, 124–130 cm)
 ROCK NAME: Serpentinized peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Mesh serpentinite.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	60				
Tremolite	22				
Pumpellyite	15				
Magnetite	2				
Spinel	1				Brown spinel.

149-899B-24R-2 (Piece 3A, 18–22 cm)
 ROCK NAME: Serpentinized peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Mesh serpentinite.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	64				
Tremolite	10				
Chlorite	10				
Epidote	10				
Magnetite	5				Also 1% spinel.

149-899B-24R-2 (Piece 3B, 28–32 cm)
 ROCK NAME: Serpentinized peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Mesh serpentinite.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	97	0			
Spinel	1	1			Remant brown spinel.
Plagioclase	1	1			Altered.
Pumpellyite	1	0			

149-899B-25R-1 (Piece 10A, 62–66 cm)
 ROCK NAME: Serpentinized peridotite clast.
 GRAIN SIZE: Coarse.
 TEXTURE: Mesh serpentinite.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	70				
Chlorite	5				
Talc	5				
Pumpellyite	5				
Tremolite	5				2% magnetite.

149-899B-26R-1 (Piece 2F, 123–125 cm)
 ROCK NAME: Basaltic breccia clast.
 GRAIN SIZE: Up to 2 cm.
 TEXTURE: Breccia.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	0	60	2 mm	Lath.	Chloritized.
Clinopyroxene	15	15	0.25 mm		
Opaque	5	5	0.05 mm		
Glass	0	20			
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Chlorite	80	Plagioclase and glass.			

COMMENTS: Intergranular texture.

149-899B-27R-1 (Piece 3, 12–13 cm)
 ROCK NAME: Spilitic basalt.
 GRAIN SIZE: Aphanitic.
 TEXTURE: Variolitic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
PHENOCRYSTS					
Olivine	0	2	1.8 mm	Euhedral.	
GROUNDMASS					
Plagioclase	69	67	4 mm	Lath.	
Clinopyroxene	25	25	To 5 mm		
Opaque	2	2	0.002 mm		
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Serpentine	2	Olivine.			
VESICLES/ CAVITIES	PERCENT	LOCATION	SIZE (mm)	FILLING	SHAPE
Vesicles	2		0.4 mm	Smectite?	Spherical.

149-899B-27R-1 (Piece 4, 19–20 cm)
 ROCK NAME: Basalt.
 GRAIN SIZE: 0.05–4 mm.
 TEXTURE: Microlitic porphyritic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
PHENOCRYSTS					
Plagioclase	15		4 mm	Euhedral.	
GROUNDMASS					
Plagioclase	36		0.25 mm		
Pyroxene	46		0.35 mm		
Opaque	1		0.05		
VESICLES/ CAVITIES	PERCENT	LOCATION	SIZE (mm)	FILLING	SHAPE
Chlorite and Fe-hydroxides	2		0.2–2 mm		

149-899B-27R-1 (Piece 5, 33–40 cm)
 ROCK NAME: Spilitic.
 GRAIN SIZE: Aphanitic.
 TEXTURE: Intergranular.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	0	60	0.7 mm	Lath.	
Clinopyroxene	9	9	0.5 mm		
Opaque	10	10	0.5 mm		
Biotite	1	1	0.2 mm		
Glass	10	20			
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Chlorite	80	Plagioclase and glass.			
Smectite?					

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149-899B-28R-2 (Piece 1D, 8-10 cm)
 ROCK NAME: Basalt.
 GRAIN SIZE: Aphanitic.
 TEXTURE: Intergranular.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	0	34	0.4 mm	Lath.	
Clinopyroxene	29	35	1.4 mm		Pinkish.
Opaque	10	10	0.3 mm		
Biotite	1	1	0.2 mm		
Glass	20	20			
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Chlorite	60	Plagioclase and glass.			
Smectite?					

149-899B-29R-1 (Piece 1, 0-11 cm)
 ROCK NAME: Serpentinized peridotite.
 GRAIN SIZE: Coarse.
 TEXTURE: Mesh serpentinite.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	99	0			Was 39% pyroxene and 60% olivine.
Spinel	1	1			Brown spinel.

149-899B-29R-1 (Piece 11, 98-104 cm)
 ROCK NAME: Spilitic.
 GRAIN SIZE: Aphanitic.
 TEXTURE: Microlitic porphyritic.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
PHENOCRYSTS					
Plagioclase	0	2	10 mm	Euhedral.	
Olivine	0	3	2 mm	Euhedral.	
GROUNDMASS					
Plagioclase	5	90	0.3 mm		
Opaque	3	5	0.05 mm		
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Chlorite	90	Plagioclase.			
Smectite?					

VESICLES/ CAVITIES	PERCENT	LOCATION	SIZE (mm)	FILLING	SHAPE
Vesicles	2		0.3 mm	Chlorite.	Spherical.

149-899B-29R-1 (Piece 13B, 129-132 cm)
 ROCK NAME: Meta-pyroxenite.
 GRAIN SIZE: 0.4-2 mm.
 TEXTURE: Equant.

OBSERVER: GUY

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	41				
Tremolite	20				
Pumpellyite	30				
Prehnite	2				
Magnetite	5				2% calcite.

149-899B-29R-2 (Piece 2, 7–12 cm)

OBSERVER: GUY

ROCK NAME: Spilitic.

GRAIN SIZE: Aphanitic.

TEXTURE: Intergranular.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Olivine	0	30	0.4 mm	Euhedral.	
Plagioclase	0	62	0.5 mm	Lath.	
Opaque	0	5	0.3 mm		
Clinopyroxene?	2	2	0.5 mm		
Biotite	1	1	0.2 mm		
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Chlorite	97	All primary minerals.			
Smectite					

149-899B-30R-1 (Piece 18, 83–86 cm)

OBSERVER: GUY

ROCK NAME: Serpentinized peridotite.

GRAIN SIZE: Coarse.

TEXTURE: Mesh serpentinite.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	84				
Chlorite	10				
Spinel	2				Brown spinel.
Prehnite	1				
Tremolite	2				1% calcite.

149-899B-30R-2 (Piece 3C, 59–64 cm)

OBSERVER: GUY

ROCK NAME: Serpentinized peridotite clast.

GRAIN SIZE: Coarse.

TEXTURE: Mesh serpentinite.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	88				
Tremolite	10				
Talc	1				
Calcite	1				

149-899B-31R-1 (Piece 2, 9–14 cm)

OBSERVER: GUY

ROCK NAME: Vesicular spilitic.

GRAIN SIZE: Aphanitic.

TEXTURE: Variolitic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
PHENOCRYSTS					
Olivine	0	1	0.2 mm		
GROUNDMASS					
Plagioclase	0	70	4 mm		Needles.
Opaque	0	1	0.05 mm		
Glass	0	23			
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Chlorite	95	All primary minerals.			
Smectite?					

VESICLES/ CAVITIES	PERCENT	LOCATION	SIZE (mm)	FILLING	SHAPE
Vesicles	5		0.2 mm	Chlorite.	

149-899B-31R-1 (Piece 4B, 37–39 cm)

OBSERVER: GUY

ROCK NAME: Serpentinized peridotite.

GRAIN SIZE: Coarse.

TEXTURE: Mesh serpentinite.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Serpentine	98				
Spinel	1				Brown spinel in vein.
Calcite	1				

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149-899B-34R-1 (Piece 3, 19-24 cm)

OBSERVER: GUY

ROCK NAME: Sheared micro-gabbro clast.

GRAIN SIZE: 0.2-2 mm.

TEXTURE: Porphyroclastic.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	40		0.2 mm		
Hornblende	46		2 mm		Green.
Chlorite	10		0.2 mm		
Opaque	3		0.1 mm		
Brucite	1		0.5 mm		In vein.

149-899B-34R-1 (Piece 6, 37-42 cm)

OBSERVER: GUY

ROCK NAME: Microgabbro.

GRAIN SIZE: Medium.

TEXTURE: Intergranular.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Plagioclase	23	65	2.6 mm	Lath.	
Olivine	0	7	1.4 mm	Euhedral.	
Clinopyroxene	15	25	0.3 mm		
Amphibole	1	1	0.5 mm	Euhedral.	Brown.
Biotite	1	1	0.2 mm		Plus <1% apatite..
SECONDARY MINERALOGY	PERCENT	REPLACING/ FILLING			COMMENTS
Chlorite	60	All primary minerals.			
Smectite?					

149-899B-36W-1 (Piece 18, 73-77 cm)

OBSERVER: GUY

ROCK NAME: Meta-peridotite.

GRAIN SIZE: 0.2 mm.

TEXTURE: Equant.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	90				
Zircon	4				
Epidote	6				

149-899B-37R-1 (Piece 6, 27-33 cm)

OBSERVER: GUY

ROCK NAME: Meta-peridotite.

GRAIN SIZE: 0.3 mm.

TEXTURE: Equant.

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	MORPHOLOGY	COMMENTS
Chlorite	91				
Opaque	4				
Sphene	3				
Goethite	2				