

151-909B-2H-2 (Piece Dropstone, 2-4 cm) OBSERVER: LLD WHERE SAMPLED: Silly Basin
 ROCK NAME: Metasedimentary biotite schist.
 GRAINSIZE: Medium-grained.
 TEXTURE: Schistose, gneissic.

PORPHYROBLASTS				
MINERALS	VOL. %	SIZE (mm)	MORPHOLOGY	COMMENTS
Quartz	10-15	0.01-3.0	Strained, xenoblastic.	
Feldspar	≈75	0.02-1.0		Twinned, dirty; much is twinned plagioclase, but K-feldspar could be present.

GROUNDMASS				
MINERALS	VOL. %	SIZE (mm)	MORPHOLOGY	COMMENTS
Zircon	<1	0.1	Blastophenocryst.	
Biotite	3	0.9	Xenoblastic.	Defines a foliation, bladed and ragged.
Chlorite	3	0.3		Intergrown with biotite.
Epidote	<1	0.01-0.2	Xenoblastic.	Yellow cores: with chlorite and biotite.
Apatite	1	0.05-0.2	Rounded.	Not positively identified.
Titanite	<1	0.01-0.05	Droplets.	Often in clusters; irregular xenoblastic.
Clay "ball"	<1	0.2	Rounded.	
Unknown	1-2	0.01	Xenoblastic.	Colorless.

ADDITIONAL COMMENTS: Veinlets of brown clay/phylosilicates. Sericitization of feldspars is greatest in a swath either side of the single vein. Either two foliations are present or one anastomosing foliation. Mafic silicates form chains.

151-909B-16H-1 (Piece Dropstone, 0-0.8 cm) OBSERVER: CHOW WHERE SAMPLED: Silly Basin
 ROCK NAME: Coral Dropstone
 GRAIN SIZE: N/A

ADDITIONAL COMMENTS: Coral walls are composed of fibrous and equant calcite (moderate preservation?). Partial replacement by chalcedony with no fabric preservation. Intracoraline spaces now filled with radial prismatic and equant quartz. Crystal size increases toward center. Minor equant calcite and chalcedony.