		General Information				
Sample Name (IGSN)		EX1803-D10-3				
Describer	Kevin Konrad					
Sample Location	Gulf of Mexico - West Florida Escarpment Bend					
Lithology prefix	Garnet					
General Lithology	Gneiss					
Texture 1	Layered					
Texture 2	Coarse Grained					
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	ОК			
Whole Rock Present (%)	100	Check [ Or = Pr + Rf ]	ОК			
Whole Rock Replaced (%)	0	Check [ Or = Pr + Rf ]	ОК			
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	ОК			
Total Groundmass Present (%)	0	Check [ Or = Pr + Rf ]	ОК			
Total Groundmass Replaced (%)	100	Check [ Or = Pr + Rf ]	ОК			
Whole Rock Summary	A garnet bearing gneiss with layers of more felsic and more mafic compositions. Garnets are up to one cm in diameter. Sample contains no discernable FeMn coating, just a thin oxidation layer around the outside.					
Thin Section Summary	A coar amphibo extinctio twinning. Garnet gr varies cons cor	rse grained garnet gneiss with coarse feldspar and ole and biotite. Quartz grains tend to be elongated n patterns. The alkaline feldspars display tartan tw Amphibole and mica grains are elongated and for rains are large (up to 1cm diameter) and are intersp iderably for quartz and feldspar and ranges from 2 mposition the sample likely represents a metamor	quartz grains interlayered with finer (e.g. 15x60mm) and display undulating vinning while plagioclase displays albite m thin layers between the other phases. persed throughout the gneiss. Grain size 250 um to >1cm in diameter. Based on the phosed granite or quartz-syenite.			



PHENOCRYSTS [Ph]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	VESICLES [Vs]	<b>GRNDM</b> [Gm]	Cross Polarized
Original (%) [ Or ]									
Present (%) [ Pr ]									1
Replaced / Filled (%) [ Rf ]									
Check [ Or = Pr + Rf ]	OK	ОК	OK	ОК	ОК	OK	ОК	ОК	
Minimum Size (mm)									100 100 100 100 100 100 100 100 100 100
Maximum Size (mm)									
Modal Size (mm)									
Shape									
Habit									
Zonation Type									
Zonation Extent									
Exsolution Type									the second second
Special Features									
Comments									
GROUNDMASS [Gp]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	GLASS [GI]	MSTASIS [Ms]	
Original (%) [ Or ]									aindergenes nangene
Present (%) [ Pr ]									
Replaced / Filled (%) [ Rf ]									1
Check [ Or = Pr + Rf ]	ОК	ОК	ОК	ОК	ОК	ОК	ОК	ОК	
Minimum Size (mm)									1
Maximum Size (mm)									
Modal Size (mm)									1
Shape									1

GROUNDMASS [Gp]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	GLASS [GI]	M
Original (%) [ Or ]								
Present (%) [ Pr ]								
Replaced / Filled (%) [ Rf ]								
Check [ Or = Pr + Rf ]	ОК	ОК	ОК	ОК	ОК	ОК	ОК	ОК
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Comments								

## Transmitted Light



