

<b>Pack8 Images</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	packflat8_0365, etc.	N/A	
<b>Short Name</b>	<b>pack8</b>	N/A	
<b>DAT_File_Processing</b>	A linear contrast stretch applied to the 16-bit single-wavelength images. The black and white values were set 3 standard deviations away from the average value. The values beyond 3 standard deviations were clipped to black or white.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>		1	3
<b>DAT_Bits_per_Sample</b>		8	8
<b>DAT_Type_of_Contrast_Adjustment</b>	globally adjusted	PLEASE VERIFY	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT_Software_Version</b>		1.2	1.1
<b>DAT_Processing_Program</b>	Archie 1.2, packimage	PLEASE VERIFY	Archie
<b>DAT_Processing_Comments</b>	For viewing purposes only	PLEASE VERIFY	
<b>IMG_White_Balance</b>	None	PLEASE VERIFY	None

<b>Pseudo-color Images</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	pseudo_0780	N/A	
<b>Short Name</b>	<b>bleedthrough</b>	N/A	
<b>DAT_File_Processing</b>	The 505 nm and 780 nm wavelengths from one side are put into the red and green separations, respectively. The 505 nm wavelength image of the reverse side is reversed and aligned with the front side, and placed in the blue separation.	NEED VALUE	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>		3	3
<b>DAT_Bits_per_Sample</b>		8	8
<b>DAT_Type_of_Contrast_Adjustment</b>	Locally adaptive	NEED VALUE	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	NEED VALUE	linear/stretch
<b>DAT_Software_Version</b>		1.2	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 pseudocolor, sync	NEED VALUE	Archie
<b>DAT_Processing_Comments</b>		NEED VALUE	
<b>IMG_White_Balance</b>	None	NEED VALUE	None

<b>Raking IR diff</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	raking_irdiff	N/A	
<b>Short Name</b>	<b>surface</b>	N/A	

<b>DAT_File_Processing</b>	The left and right raking images in infrared are differenced, divided by the non-raking 940 nm wavelength, then linearly stretched to fit 6 standard deviations from white to black.	NEED VALUE	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	NEED VALUE	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	NEED VALUE	No
<b>DAT_Samples_per_Pixel</b>	1	NEED VALUE	3
<b>DAT_Bits_per_Sample</b>	8	NEED VALUE	8
<b>DAT_Type_of_Contrast_Adjustment</b>	Globally adjusted	NEED VALUE	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	NEED VALUE	linear/stretch
<b>DAT_Software_Version</b>	1.2	NEED VALUE	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 packimage, sub, div	NEED VALUE	Archie
<b>DAT_Processing_Comments</b>		NEED VALUE	
<b>IMG_White_Balance</b>	None	NEED VALUE	None

<b>Spectral ratio</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	ratio_by_0940	N/A	
<b>Short Name</b>	<b>spectral ratio</b>	N/A	
<b>DAT_File_Processing</b>	The 450 nm, 592 nm and 850 nm wavelengths are divided by the 940 nm wavelength, stretched to fit 6 standard deviations from white to black and put into the red, green and blue separations respectively.	NEED VALUE	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>	3	PLEASE VERIFY	3
<b>DAT_Bits_per_Sample</b>	8	PLEASE VERIFY	8
<b>DAT_Type_of_Contrast_Adjustment</b>	Globally adjusted	NEED VALUE	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	NEED VALUE	linear/stretch
<b>DAT_Software_Version</b>	1.2	NEED VALUE	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 packimage, div	NEED VALUE	Archie
<b>DAT_Processing_Comments</b>		NEED VALUE	
<b>IMG_White_Balance</b>	None	NEED VALUE	None

<b>Intercept</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	intercept	N/A	
<b>Short Name</b>	<b>blot</b>	N/A	
<b>DAT_File_Processing</b>	The infrared images (700 nm - 940 nm) were fit to a best straight line on a pixelwise basis. This generates "slope" and "intercept" images.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No

<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>	1	PLEASE VERIFY	3
<b>DAT_Bits_per_Sample</b>	8	PLEASE VERIFY	8
<b>DAT_Type_of_Contrast_Adjustment</b>	globally adjusted	PLEASE VERIFY	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT_Software_Version</b>	1.2	PLEASE VERIFY	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 packimage, add, mul	PLEASE VERIFY	Archie
<b>DAT_Processing_Comments</b>	The intercept image revealed characters in the region covered by a "blot".	PLEASE VERIFY	
<b>IMG_White_Balance</b>	None	PLEASE VERIFY	None

<b>Sharpieratio</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	sharpieratio_0505-0780	N/A	
<b>Short Name</b>	<b>sharpieratio</b>	N/A	
<b>DAT_File_Processing</b>	The 505 nm and 780 nm wavelengths are divided by the 940 nm wavelength and then combined in a standard pseudocolor image. The sharpie image is made by linearly stretching the difference of the red and blue separations of the pseudocolor image.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>	1	PLEASE VERIFY	3
<b>DAT_Bits_per_Sample</b>	8	PLEASE VERIFY	8
<b>DAT_Type_of_Contrast_Adjustment</b>	locally adjusted	PLEASE VERIFY	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT_Software_Version</b>	1.2	PLEASE VERIFY	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 packimage, osumask, pseudoratio, pseudomask, div, sub	PLEASE VERIFY	Archie
<b>DAT_Processing_Comments</b>		PLEASE VERIFY	
<b>IMG_White_Balance</b>	None	PLEASE VERIFY	None

<b>RARR</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	RARR	N/A	
<b>Short Name</b>		N/A	
<b>DAT_File_Processing</b>	The right raking blue image is divided by the right raking infrared image and then linearly contrast stretched.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>	1	PLEASE VERIFY	3

<b>DAT Bits per Sample</b>		8	PLEASE VERIFY	8
<b>DAT Type of Contrast Adjustment</b>	globally adjusted		PLEASE VERIFY	None
<b>DAT Type of Image Processing</b>	linear stretch		PLEASE VERIFY	linear/stretch
<b>DAT Software Version</b>		1.2	PLEASE VERIFY	1.1
<b>DAT Processing Program</b>	Archie 1.2 packimage, div		PLEASE VERIFY	Archie
<b>DAT Processing Comments</b>			PLEASE VERIFY	
<b>IMG White Balance</b>	None		PLEASE VERIFY	None

<b>Pseudoratio</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	pseudoratio_0505-0780	N/A	
<b>Short Name</b>	<b>pseudoratio</b>	N/A	
<b>DAT File Processing</b>	The 505 nm and 780 nm wavelengths are divided by the 940 nm wavelength and then combined in a standard pseudocolor image.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT Joining Same Parts of Folio</b>	n/a	PLEASE VERIFY	No
<b>DAT Joining Different Parts of Folio</b>	n/a	PLEASE VERIFY	No
<b>DAT Samples per Pixel</b>		3	3
<b>DAT Bits per Sample</b>		8	8
<b>DAT Type of Contrast Adjustment</b>	locally adjusted	PLEASE VERIFY	None
<b>DAT Type of Image Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT Software Version</b>		1.2	1.1
<b>DAT Processing Program</b>	Archie 1.2 packimage, otsumask, pseudoratio, pseudomask, div	PLEASE VERIFY	Archie
<b>DAT Processing Comments</b>		PLEASE VERIFY	
<b>IMG White Balance</b>	None	PLEASE VERIFY	None

<b>RAPRatio</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	RAPRatio	N/A	
<b>Short Name</b>		N/A	
<b>DAT File Processing</b>	The right raking blue and infrared images are divided by the non-raking 940 nm image and used in a standard pseudocolor image.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT Joining Same Parts of Folio</b>	yes	PLEASE VERIFY	No
<b>DAT Joining Different Parts of Folio</b>	No	PLEASE VERIFY	No
<b>DAT Samples per Pixel</b>		3	3
<b>DAT Bits per Sample</b>		8	8
<b>DAT Type of Contrast Adjustment</b>	locally adjusted	PLEASE VERIFY	None
<b>DAT Type of Image Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT Software Version</b>		1.2	1.1
<b>DAT Processing Program</b>	Archie 1.2 pseudocolor, div	PLEASE VERIFY	Archie
<b>DAT Processing Comments</b>		PLEASE VERIFY	
<b>IMG White Balance</b>	None	PLEASE VERIFY	None

<b>RAIPratio</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	RAIPratio	N/A	
<b>Short Name</b>		N/A	
<b>DAT_File_Processing</b>	Left and right raking infrared images are divided by the non-raking 940 nm image and used in a standard pseudocolor image.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>		3	3
<b>DAT_Bits_per_Sample</b>		8	8
<b>DAT_Type_of_Contrast_Adjustment</b>	locally adjusted	PLEASE VERIFY	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT_Software_Version</b>		1.2	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 pseudocolor, div	PLEASE VERIFY	Archie
<b>DAT_Processing_Comments</b>		PLEASE VERIFY	
<b>IMG_White_Balance</b>	None	PLEASE VERIFY	None

<b>RIRL</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	RIRL	N/A	
<b>Short Name</b>		N/A	
<b>DAT_File_Processing</b>	Left and right raking infrared images are differenced and linearly contrast stretched.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>		1	3
<b>DAT_Bits_per_Sample</b>		8	8
<b>DAT_Type_of_Contrast_Adjustment</b>	globally adjusted	PLEASE VERIFY	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT_Software_Version</b>		1.2	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 packimage, sub	PLEASE VERIFY	Archie
<b>DAT_Processing_Comments</b>		PLEASE VERIFY	
<b>IMG_White_Balance</b>	None	PLEASE VERIFY	None

<b>Pseudo_050_0780</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	pseudo_0505-0780	N/A	
<b>Short Name</b>	<b>pseudo</b>	N/A	
<b>DAT_File_Processing</b>	The 505 nm and 780 nm wavelengths are combined in a no-veil pseudocolor image with the 780 in the red separation and the 505 in the blue and green separations.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.

<b>DAT_Joining_Same_Parts_of_Folio</b>	n/a	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	n/a	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>		3 PLEASE VERIFY	3
<b>DAT_Bits_per_Sample</b>		8 PLEASE VERIFY	8
<b>DAT_Type_of_Contrast_Adjustment</b>	locally adjusted	PLEASE VERIFY	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT_Software_Version</b>		1.2 PLEASE VERIFY	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 packimage, otsumask, pseudoratio, pseudomask, div	PLEASE VERIFY	Archie
<b>DAT_Processing_Comments</b>		PLEASE VERIFY	
<b>IMG_White_Balance</b>	None	PLEASE VERIFY	None

<b>Sharpie</b>		<b>ACTION</b>	<b>Archimedes Sample</b>
<b>File Types</b>	sharpie_0505-0780	N/A	
<b>Short Name</b>	<b>sharpie</b>	N/A	
<b>DAT_File_Processing</b>	The 505 nm and 780 nm wavelengths are combined in a no-veil pseudocolor image with the 780 in the red separation and the 505 in the blue and green separations. The sharpie image is made by linearly stretching the difference of the red and blue separations of the pseudocolor image.	PLEASE VERIFY	A linear contrast stretch adjusted the 16-bit, minimum and maximum values of the input image to 8-bit, black and white values, respectively.
<b>DAT_Joining_Same_Parts_of_Folio</b>	Yes	PLEASE VERIFY	No
<b>DAT_Joining_Different_Parts_of_Folio</b>	No	PLEASE VERIFY	No
<b>DAT_Samples_per_Pixel</b>		1 PLEASE VERIFY	3
<b>DAT_Bits_per_Sample</b>		8 PLEASE VERIFY	8
<b>DAT_Type_of_Contrast_Adjustment</b>	locally adjusted	PLEASE VERIFY	None
<b>DAT_Type_of_Image_Processing</b>	linear stretch	PLEASE VERIFY	linear/stretch
<b>DAT_Software_Version</b>		1.2 PLEASE VERIFY	1.1
<b>DAT_Processing_Program</b>	Archie 1.2 packimage, otsumask, pseudoratio, pseudomask, div, sub	PLEASE VERIFY	Archie
<b>DAT_Processing_Comments</b>		PLEASE VERIFY	
<b>IMG_White_Balance</b>	None	PLEASE VERIFY	None