

## 11 Anhang

### 11.1 Statistische Erfassung der gemessenen Absorptionstiefen in Anhängigkeit der geologischen Einheiten

G1GNGLOBAL:

1= 1.04 $\mu$ m 2=1.25 $\mu$ m 3=1.5 $\mu$ m 4=2 $\mu$ m 5=2.4 $\mu$ m 6=3 $\mu$ m 7=4.25 $\mu$ m

Filename: H:\nims\ganymede\corr\_files\g1gglobal\g1gnglobal.cub

Region: Region #1 [724 points] Dark terrain

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.008410 | 0.057434 | 0.033319 | 0.008515 |
| 2    | 0.064623 | 0.122832 | 0.089744 | 0.010712 |
| 3    | 0.268002 | 0.473338 | 0.358350 | 0.040757 |
| 4    | 0.257656 | 0.422724 | 0.316382 | 0.033354 |
| 5    | 0.075716 | 0.163859 | 0.110559 | 0.017010 |
| 6    | 0.760826 | 0.864176 | 0.817913 | 0.024151 |
| 7    | 0.114084 | 0.153645 | 0.135948 | 0.007088 |

Filename: H:\nims\ganymede\corr\_files\g1gglobal\g1gnglobal.cub

Region: Region #2 [220 points] Galileo Regio

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.008410 | 0.052198 | 0.031432 | 0.009533 |
| 2    | 0.065351 | 0.095697 | 0.081908 | 0.008882 |
| 3    | 0.268002 | 0.382894 | 0.319088 | 0.021111 |
| 4    | 0.258475 | 0.333198 | 0.285072 | 0.015222 |
| 5    | 0.075716 | 0.113657 | 0.093546 | 0.007005 |
| 6    | 0.813522 | 0.854426 | 0.832264 | 0.010484 |
| 7    | 0.119796 | 0.142933 | 0.133880 | 0.005207 |

Filename: H:\nims\ganymede\corr\_files\g1gglobal\g1gnglobal.cub

Region: Region #3 [348 points] Marius Regio

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.022233 | 0.050762 | 0.036079 | 0.004682 |
| 2    | 0.084940 | 0.104300 | 0.093004 | 0.003741 |
| 3    | 0.329806 | 0.447123 | 0.372095 | 0.022132 |
| 4    | 0.286018 | 0.407386 | 0.324038 | 0.024248 |
| 5    | 0.092760 | 0.152088 | 0.116176 | 0.010860 |
| 6    | 0.760826 | 0.864176 | 0.813078 | 0.025271 |
| 7    | 0.121663 | 0.149791 | 0.137028 | 0.005373 |

Filename: H:\nims\ganymede\corr\_files\g1gglobal\g1gnglobal.cub

Region: Region #6 [151 points] unbenanntes dunkles Gelände

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.010658 | 0.057434 | 0.029751 | 0.010165 |
| 2    | 0.077999 | 0.122832 | 0.096430 | 0.012482 |
| 3    | 0.328515 | 0.468220 | 0.392939 | 0.035141 |
| 4    | 0.298095 | 0.431718 | 0.350909 | 0.028017 |
| 5    | 0.083620 | 0.165378 | 0.127841 | 0.016810 |
| 6    | 0.752271 | 0.850148 | 0.793875 | 0.017509 |
| 7    | 0.116085 | 0.153645 | 0.138508 | 0.009942 |

Filename: H:\nims\ganymede\corr\_files\glglobal\glgnglobal.cub

Region: Region #4 [96 points] Sulci

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.032099 | 0.053337 | 0.042624 | 0.006433 |
| 2    | 0.093153 | 0.111461 | 0.100625 | 0.003930 |
| 3    | 0.399051 | 0.494397 | 0.437644 | 0.023923 |
| 4    | 0.362839 | 0.469272 | 0.406848 | 0.027614 |
| 5    | 0.127200 | 0.199088 | 0.154272 | 0.016841 |
| 6    | 0.822032 | 0.901383 | 0.876702 | 0.012085 |
| 7    | 0.103762 | 0.144129 | 0.124356 | 0.008528 |

Filename: H:\nims\ganymede\corr\_files\glglobal\glgnglobal.cub

Region: Region #7 [79 points] Nippur + Uruk Sulcus

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.037500 | 0.058016 | 0.047639 | 0.003358 |
| 2    | 0.094058 | 0.111461 | 0.102123 | 0.004135 |
| 3    | 0.396176 | 0.444346 | 0.426933 | 0.013696 |
| 4    | 0.353282 | 0.402837 | 0.382855 | 0.012010 |
| 5    | 0.125588 | 0.150771 | 0.138660 | 0.006032 |
| 6    | 0.869344 | 0.901383 | 0.880886 | 0.008998 |
| 7    | 0.120273 | 0.133098 | 0.128521 | 0.002905 |

Filename: H:\nims\ganymede\corr\_files\glglobal\glgnglobal.cub

Region: Region #8 [53 points] Tiamat + Sippar Sulcus

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.032099 | 0.052255 | 0.038937 | 0.005050 |
| 2    | 0.096258 | 0.104830 | 0.100659 | 0.002388 |
| 3    | 0.406144 | 0.492420 | 0.446157 | 0.024923 |
| 4    | 0.364336 | 0.478255 | 0.423835 | 0.023641 |
| 5    | 0.132728 | 0.199088 | 0.165262 | 0.012927 |
| 6    | 0.833362 | 0.893668 | 0.872467 | 0.012961 |
| 7    | 0.103762 | 0.136252 | 0.121397 | 0.009557 |

Filename: H:\nims\ganymede\corr\_files\glglobal\glnglobal.cub

Region: Region #6 [45 points] Osiris

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.029793 | 0.043503 | 0.038006 | 0.003628 |
| 2    | 0.067374 | 0.084096 | 0.075662 | 0.004093 |
| 3    | 0.597157 | 0.642016 | 0.615756 | 0.012405 |
| 4    | 0.685355 | 0.742847 | 0.713403 | 0.016645 |
| 5    | 0.247733 | 0.282971 | 0.268154 | 0.009325 |
| 6    | 0.926577 | 0.975032 | 0.956793 | 0.011194 |
| 7    | 0.053595 | 0.086090 | 0.068759 | 0.007887 |

E6GNGLOBAL:

1= 1.04 $\mu$ m 2=1.25 $\mu$ m 3=1.5 $\mu$ m 4=2 $\mu$ m 5=2.4 $\mu$ m 6=3 $\mu$ m 7=4.25 $\mu$ m

Filename: H:\nims\ganymede\corr\_files\e6global\e6nglobal01.cub

Region: Region #1 [80 points] Dark terrain

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.031899 | 0.051844 | 0.041190 | 0.003382 |
| 2    | 0.078684 | 0.118748 | 0.097172 | 0.006924 |
| 3    | 0.141828 | 0.248514 | 0.185339 | 0.027579 |
| 4    | 0.128371 | 0.228131 | 0.169954 | 0.023429 |
| 5    | -        | -        | -        | -        |
| 6    | 0.719171 | 0.732823 | 0.724468 | 0.003307 |
| 7    | 0.123602 | 0.136356 | 0.131023 | 0.002469 |

Filename: H:\nims\ganymede\corr\_files\e6global\e6nglobal01.cub

Region: Region #2 [Green] [67 points] Sulci

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.046789 | 0.056477 | 0.051408 | 0.002797 |
| 2    | 0.108746 | 0.129007 | 0.118502 | 0.005747 |
| 3    | 0.239878 | 0.303935 | 0.270722 | 0.017450 |
| 4    | 0.206818 | 0.253979 | 0.226084 | 0.012050 |
| 5    | -        | -        | -        | -        |
| 6    | 0.730167 | 0.738144 | 0.733633 | 0.002172 |
| 7    | 0.131345 | 0.137735 | 0.134328 | 0.001892 |

Filename: H:\nims\ganymede\corr\_files\e6global\e6nglobal01.cub

Region: Region #3 [12 points] Krater

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.023897 | 0.042164 | 0.033184 | 0.005717 |
| 2    | 0.099096 | 0.128240 | 0.115217 | 0.008847 |
| 3    | 0.492517 | 0.545646 | 0.522429 | 0.021300 |

|   |          |          |          |          |
|---|----------|----------|----------|----------|
| 4 | 0.538668 | 0.596489 | 0.566165 | 0.022296 |
| 5 | -        | -        | -        | -        |
| 6 | 0.846679 | 0.904416 | 0.876261 | 0.019449 |
| 7 | 0.050966 | 0.094580 | 0.070760 | 0.014280 |

G8GNURUK:

1=1.5µm 2=2µm 3=3µm 4=4.25µm

Filename: H:\nims\ganymede\corr\_files\uruk\g8gnuruk\_\_01a\_gbh01.cub

Region: Region #1 [390 points] Sulcus

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.364060 | 0.430047 | 0.391267 | 0.010920 |
| 2    | 0.321435 | 0.385832 | 0.349704 | 0.009924 |
| 3    | 0.876824 | 0.899974 | 0.885593 | 0.003710 |
| 4    | 0.127537 | 0.140495 | 0.133692 | 0.002477 |

Filename: H:\nims\ganymede\corr\_files\uruk\g8gnuruk\_\_01a\_gbh01.cub

Region: Region #2 [37 points] Galileo Regio

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.237420 | 0.353489 | 0.306757 | 0.032257 |
| 2    | 0.180010 | 0.290571 | 0.248076 | 0.030967 |
| 3    | 0.846065 | 0.872191 | 0.860585 | 0.007168 |
| 4    | 0.107682 | 0.121350 | 0.113855 | 0.003598 |

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Region: Region #3 [94 points] Marius Regio

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.245788 | 0.331587 | 0.288326 | 0.021099 |
| 2    | 0.230852 | 0.307595 | 0.262254 | 0.018228 |
| 3    | 0.848293 | 0.867752 | 0.857086 | 0.004803 |
| 4    | 0.127848 | 0.150503 | 0.139243 | 0.005128 |

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Region: Region #4 [59 points] Einschlagskrater

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.393494 | 0.499216 | 0.447249 | 0.029234 |
| 2    | 0.374157 | 0.490685 | 0.432838 | 0.031101 |
| 3    | 0.887349 | 0.941748 | 0.912261 | 0.015033 |
| 4    | 0.172317 | 0.245201 | 0.204334 | 0.009743 |

G2GNSIPPAR:

1= 1.04µm 2=1.25µm 3=1.5µm 4=2µm 5=2.4µm 6=3µm 7=4.25µm

Filename:

H:\nims\ganymede\corr\_files\sippar\equi\g2gnsippar01a\_gbh01.cub

Region: Region #1 [12694 points] Marius Regio

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.044748 | 0.058598 | 0.050881 | 0.003606 |
| 2    | 0.077135 | 0.094164 | 0.084060 | 0.002607 |
| 3    | 0.337992 | 0.368658 | 0.353170 | 0.007113 |
| 4    | 0.296278 | 0.329379 | 0.316791 | 0.007848 |
| 5    | 0.107966 | 0.121927 | 0.114437 | 0.002965 |
| 6    | 0.831808 | 0.847859 | 0.836531 | 0.003329 |
| 7    | 0.167644 | 0.257407 | 0.201956 | 0.020705 |

Filename:

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Region: Region #2 [11014 points] Sippar Sulcus

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.055660 | 0.063701 | 0.059552 | 0.001570 |
| 2    | 0.098385 | 0.111206 | 0.104974 | 0.002635 |
| 3    | 0.478688 | 0.495493 | 0.486404 | 0.003490 |
| 4    | 0.443668 | 0.464646 | 0.453087 | 0.004096 |
| 5    | 0.174000 | 0.190346 | 0.181061 | 0.004321 |
| 6    | 0.874533 | 0.890825 | 0.884454 | 0.003067 |
| 7    | 0.053553 | 0.161092 | 0.087885 | 0.017990 |

Filename:

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Region: Region #3 [887 points] Krater Bes

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.037144 | 0.044172 | 0.039128 | 0.001751 |
| 2    | 0.097920 | 0.108933 | 0.101480 | 0.002126 |
| 3    | 0.525384 | 0.536066 | 0.532701 | 0.002511 |
| 4    | 0.522113 | 0.532565 | 0.527191 | 0.002456 |
| 5    | 0.214313 | 0.224040 | 0.220522 | 0.002387 |
| 6    | 0.904417 | 0.926907 | 0.919038 | 0.007425 |
| 7    | 0.072322 | 0.122556 | 0.096803 | 0.010584 |

C9DRKLIT:

1=1.5 $\mu$ m 2=2 $\mu$ m 3=3 $\mu$ m 4=4.25 $\mu$ m

Filename: H:\nims\ganymede\corr\_files\harakhtes\c9drklit.cub

Region: Region #3 [779 points] dunkles Gebiet (Äquator)

| Band | Min | Max | Mean | Stdev |
|------|-----|-----|------|-------|
|------|-----|-----|------|-------|

|   |          |          |          |          |
|---|----------|----------|----------|----------|
| 1 | 0.168388 | 0.354589 | 0.236572 | 0.035582 |
| 2 | 0.175873 | 0.386230 | 0.249154 | 0.039627 |
| 3 | 0.860116 | 0.889018 | 0.868637 | 0.005113 |
| 4 | 0.111219 | 0.116924 | 0.115374 | 0.000970 |

Filename: H:\nims\ganymede\corr\_files\harakhtes\c9drklit.cub  
 Region: Region #4 [118 points] dunkles Gebiet (Pol)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.435836 | 0.491479 | 0.461722 | 0.015424 |
| 2    | 0.490697 | 0.567467 | 0.526044 | 0.021254 |
| 3    | 0.912132 | 0.936260 | 0.922586 | 0.006620 |
| 4    | 0.107287 | 0.109341 | 0.108539 | 0.000566 |

Filename: H:\nims\ganymede\corr\_files\harakhtes\c9drklit.cub  
 Region: Region #1 [137 points] Xibalba Sulcus (Äquator)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.384833 | 0.457287 | 0.433193 | 0.013438 |
| 2    | 0.424116 | 0.519789 | 0.487304 | 0.017870 |
| 3    | 0.896427 | 0.920394 | 0.911413 | 0.004621 |
| 4    | 0.108667 | 0.110467 | 0.109429 | 0.000379 |

Filename: H:\nims\ganymede\corr\_files\harakhtes\c9drklit.cub  
 Region: Region #2 [79 points] Xibalba Sulcus (Pol)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.478819 | 0.552491 | 0.522663 | 0.016105 |
| 2    | 0.549607 | 0.656982 | 0.612684 | 0.023585 |
| 3    | 0.929918 | 0.977920 | 0.955551 | 0.010850 |
| 4    | 0.103848 | 0.107890 | 0.105332 | 0.000936 |

Filename: H:\nims\ganymede\corr\_files\harakhtes\c9drklit.cub  
 Region: Region #5 [2 points] Krater (Äquator)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.375946 | 0.389460 | 0.382703 | 0.009556 |
| 2    | 0.412820 | 0.429990 | 0.421405 | 0.012141 |
| 3    | 0.894081 | 0.897644 | 0.895862 | 0.002520 |
| 4    | 0.110342 | 0.140552 | 0.125247 | 0.000148 |

Filename: H:\nims\ganymede\corr\_files\harakhtes\c9drklit.cub  
 Region: Region #6 [5 points] Krater (Pol)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.522989 | 0.552300 | 0.540302 | 0.011882 |
| 2    | 0.612983 | 0.656716 | 0.638738 | 0.017731 |
| 3    | 0.955075 | 0.977806 | 0.968158 | 0.009230 |

4 0.104095 0.105222 0.104693 0.000477

GLGNNIPPUR:

1=1.5µm 2=2µm 3=2.4µm 4=3µm 5=4.25µm

Filename: H:\nims\ganymede\corr\_files\nippur\glgnnippur01a\_msy04.cub

Region: Region #4 [135 points] Epigeus (Sulcus)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.335150 | 0.375766 | 0.357049 | 0.009614 |
| 2    | 0.326559 | 0.366296 | 0.350316 | 0.009223 |
| 3    | 0.114956 | 0.132672 | 0.125926 | 0.003820 |
| 4    | 0.847174 | 0.871422 | 0.861975 | 0.005261 |
| 5    | 0.120017 | 0.188190 | 0.154618 | 0.012191 |

Filename: H:\nims\ganymede\corr\_files\nippur\glgnnippur01a\_msy04.cub

Region: Region #5 [184 points] Epigeus (Marius Regio)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.294895 | 0.358449 | 0.317128 | 0.013914 |
| 4    | 0.294125 | 0.350378 | 0.314735 | 0.012427 |
| 3    | 0.101841 | 0.125250 | 0.112174 | 0.005553 |
| 4    | 0.830666 | 0.861062 | 0.843770 | 0.007218 |
| 5    | 0.127880 | 0.176733 | 0.147822 | 0.009786 |

Filename: H:\nims\ganymede\corr\_files\nippur\glgnnippur01a\_msy04.cub

Region: Region #3 [387 points] Nippur Sulcus (ohne Epigeus)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.337632 | 0.429818 | 0.382861 | 0.018968 |
| 2    | 0.326712 | 0.404801 | 0.366116 | 0.016315 |
| 3    | 0.113353 | 0.139999 | 0.128061 | 0.005927 |
| 4    | 0.844975 | 0.881723 | 0.864809 | 0.008217 |
| 5    | 0.053991 | 0.108114 | 0.085223 | 0.012796 |

Filename: H:\nims\ganymede\corr\_files\nippur\glgnnippur01a\_msy04.cub

Region: Region #1 [102 points] Marius Regio (ohne Epigeus)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.273980 | 0.301274 | 0.286668 | 0.006439 |
| 2    | 0.264371 | 0.287387 | 0.273518 | 0.005291 |
| 3    | 0.085356 | 0.095611 | 0.089195 | 0.002063 |
| 4    | 0.811055 | 0.822946 | 0.815462 | 0.002388 |
| 5    | 0.096525 | 0.129325 | 0.115656 | 0.009114 |

Filename: H:\nims\ganymede\corr\_files\nippur\glgnnippur01a\_msy04.cub

Region: Region #2 [140 points] Galileo Regio

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.282903 | 0.328460 | 0.308782 | 0.010152 |
| 2    | 0.263603 | 0.299368 | 0.283986 | 0.008214 |
| 3    | 0.081490 | 0.093334 | 0.088557 | 0.003068 |
| 4    | 0.806381 | 0.820074 | 0.814477 | 0.003560 |
| 5    | 0.074771 | 0.132115 | 0.093738 | 0.012280 |

Filename: H:\nims\ganymede\corr\_files\nippur\glgnippur01a\_msy04.cub  
 Region: Region #6 [7 points] Krater (im Bereich von Epigeus)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.399979 | 0.410154 | 0.404565 | 0.003229 |
| 2    | 0.406132 | 0.418373 | 0.410955 | 0.004144 |
| 3    | 0.155259 | 0.159583 | 0.157057 | 0.001456 |
| 4    | 0.905457 | 0.912434 | 0.908331 | 0.002352 |
| 5    | 0.127543 | 0.187018 | 0.151013 | 0.003622 |

G8GNOSIRIS

1=1.5µm 2=2µm 3=3µm 4=4.25µm

Filename: H:\nims\ganymede\corr\_files\osiris\g8osiris01a\_msy04.cub  
 Filename: osiris  
 Dims: Full Band (5734 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.638869 | 0.679135 | 0.663491 | 0.008922 |
| 2    | 0.737332 | 0.773857 | 0.760684 | 0.008284 |
| 3    | 0.969412 | 0.980399 | 0.976697 | 0.002669 |
| 4    | 0.020296 | 0.033992 | 0.025465 | 0.003141 |

Filename: sekundärkrater  
 Dims: Full Band (39973 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.603612 | 0.668717 | 0.630402 | 0.016264 |
| 2    | 0.709570 | 0.761496 | 0.741791 | 0.011758 |
| 3    | 0.959488 | 0.984946 | 0.974516 | 0.004970 |
| 4    | 0.000001 | 0.056913 | 0.020496 | 0.012119 |

Filename: andjeti  
 Dims: Full Band (6620 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.583081 | 0.618239 | 0.609492 | 0.006528 |
| 2    | 0.682559 | 0.724507 | 0.711355 | 0.006886 |
| 3    | 0.953739 | 0.967466 | 0.962240 | 0.002314 |



4 0.032337 0.057056 0.042135 0.004169

Filename: ej\_br

Dims: Full Band (308462 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.530892 | 0.649449 | 0.595559 | 0.024234 |
| 2    | 0.571182 | 0.752355 | 0.689754 | 0.031348 |
| 3    | 0.918749 | 0.979268 | 0.955114 | 0.011082 |
| 4    | 0.008325 | 0.096517 | 0.054032 | 0.017774 |

Filename: ej\_dt

Dims: Full Band (103087 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.501283 | 0.661767 | 0.578896 | 0.033466 |
| 2    | 0.578888 | 0.758521 | 0.672397 | 0.039540 |
| 3    | 0.924742 | 0.975826 | 0.950299 | 0.011538 |
| 4    | 0.022976 | 0.095623 | 0.061405 | 0.017867 |

Filename: dark terrain

Dims: Full Band (216249 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.324183 | 0.492287 | 0.409247 | 0.066379 |
| 2    | 0.367567 | 0.667349 | 0.526140 | 0.081984 |
| 3    | 0.891251 | 0.950555 | 0.907577 | 0.095623 |
| 4    | 0.066088 | 0.125611 | 0.102535 | 0.015042 |

Filename: sulcus

Dims: Full Band (156879 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.386191 | 0.553433 | 0.469756 | 0.048579 |
| 2    | 0.306135 | 0.584988 | 0.443894 | 0.050583 |
| 3    | 0.882244 | 0.921361 | 0.897532 | 0.006300 |
| 4    | 0.094255 | 0.125706 | 0.113321 | 0.005387 |

G8GNMELKART

1=1.5 $\mu$ m 2=2 $\mu$ m 3=3 $\mu$ m 4=4.25 $\mu$ m

Filename: H:\nims\ganymede\corr\_files\melkart\g8melkart01a\_msy04.cub

Filename: dom

Dims: Full Band (111 points)

| Band | Min | Max | Mean | Stdev |
|------|-----|-----|------|-------|
|------|-----|-----|------|-------|

|   |          |          |          |          |
|---|----------|----------|----------|----------|
| 1 | 0.445874 | 0.469399 | 0.459828 | 0.004613 |
| 2 | 0.444889 | 0.468919 | 0.459087 | 0.004711 |
| 3 | 0.906342 | 0.913107 | 0.910294 | 0.001326 |
| 4 | 0.144253 | 0.166465 | 0.153679 | 0.004395 |

Filename: melk\_bt

Dims: Full Band (3395 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.377863 | 0.493705 | 0.431403 | 0.028547 |
| 2    | 0.380431 | 0.494383 | 0.431296 | 0.027984 |
| 3    | 0.891440 | 0.920839 | 0.903331 | 0.007114 |
| 4    | 0.116812 | 0.216192 | 0.176825 | 0.023934 |

Filename: melk\_dt

Dims: Full Band (3248 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.344899 | 0.468578 | 0.403338 | 0.031162 |
| 2    | 0.351186 | 0.468056 | 0.404466 | 0.029208 |
| 3    | 0.885646 | 0.912849 | 0.896919 | 0.006613 |
| 4    | 0.145044 | 0.234181 | 0.197880 | 0.021507 |

Filename: bt

Dims: Full Band (3346 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.412275 | 0.495054 | 0.454286 | 0.016817 |
| 2    | 0.412300 | 0.495860 | 0.453585 | 0.017035 |
| 3    | 0.898383 | 0.921345 | 0.908867 | 0.004707 |
| 4    | 0.115140 | 0.193576 | 0.158105 | 0.015988 |

Filename: dt

Dims: Full Band (4082 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.294868 | 0.422176 | 0.347956 | 0.023649 |
| 2    | 0.309409 | 0.422006 | 0.354235 | 0.020550 |
| 3    | 0.878401 | 0.900821 | 0.886394 | 0.003896 |
| 4    | 0.185389 | 0.256742 | 0.231945 | 0.012273 |

G8GNLIDARK

Filename: H:\nims\ganymede\corr\_files\lidark\g8lidark01a\_msy04.cub

1=1.5 $\mu$ m 2=2 $\mu$ m 3=3 $\mu$ m 4=4.25 $\mu$ m

Filename: crater

Dims: Full Band (41 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.366540 | 0.387796 | 0.374613 | 0.005532 |
| 2    | 0.349640 | 0.376762 | 0.359752 | 0.007057 |
| 3    | 0.858593 | 0.883089 | 0.867432 | 0.006364 |
| 4    | 0.207195 | 0.208300 | 0.207798 | 0.000325 |

Filename: ejecta

Dims: Full Band (527 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.348307 | 0.387796 | 0.370881 | 0.006758 |
| 2    | 0.327930 | 0.376762 | 0.355018 | 0.008500 |
| 3    | 0.840181 | 0.883089 | 0.863241 | 0.007450 |
| 4    | 0.207195 | 0.209120 | 0.207986 | 0.000387 |

Filename: dt

Dims: Full Band (848 points)

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.330511 | 0.379451 | 0.354787 | 0.010350 |
| 2    | 0.309541 | 0.365789 | 0.335638 | 0.012067 |
| 3    | 0.824129 | 0.872689 | 0.846619 | 0.010301 |
| 4    | 0.207444 | 0.213700 | 0.208922 | 0.000806 |

GLGNMIRRAY:

1= 1.04 $\mu$ m 2=1.25 $\mu$ m 3=1.5 $\mu$ m 4=2 $\mu$ m 5=2.4 $\mu$ m 6=3 $\mu$ m 7=4.25 $\mu$ m

Filename: H:\nims\ganymede\corr\_files\mir\glgnmirray.cub

Region: Region #1 [10 points] crater

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.059980 | 0.063270 | 0.061162 | 0.001014 |
| 2    | 0.093052 | 0.111502 | 0.100454 | 0.005727 |
| 3    | 0.344586 | 0.385390 | 0.366012 | 0.022321 |
| 4    | 0.238688 | 0.298798 | 0.261944 | 0.018595 |
| 5    | 0.086944 | 0.113007 | 0.096711 | 0.008026 |
| 6    | 0.740530 | 0.767134 | 0.750494 | 0.008211 |
| 7    | 0.175859 | 0.177533 | 0.176479 | 0.000513 |

Filename: H:\nims\ganymede\corr\_files\mir\glgnmirray.cub

Region: Region #2 [Green] [335 points] ejecta

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.055251 | 0.056566 | 0.055990 | 0.000319 |
| 2    | 0.053122 | 0.068186 | 0.062286 | 0.003793 |
| 3    | 0.177195 | 0.211760 | 0.194297 | 0.014297 |
| 4    | 0.137981 | 0.173686 | 0.159251 | 0.009091 |

|   |          |          |          |          |
|---|----------|----------|----------|----------|
| 5 | 0.047471 | 0.061012 | 0.055475 | 0.003459 |
| 6 | 0.705464 | 0.716493 | 0.711953 | 0.002833 |
| 7 | 0.174896 | 0.175451 | 0.175128 | 0.000143 |

Filename: H:\nims\ganymede\corr\_files\mir\glgnmirray.cub  
 Region: Region #3 [Blue] [1392 points] substrat

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.057220 | 0.062331 | 0.059300 | 0.000769 |
| 2    | 0.072359 | 0.106884 | 0.087607 | 0.005565 |
| 3    | 0.243036 | 0.370851 | 0.297538 | 0.020530 |
| 4    | 0.234569 | 0.322672 | 0.279604 | 0.015632 |
| 5    | 0.065281 | 0.105536 | 0.080908 | 0.006332 |
| 6    | 0.720081 | 0.759623 | 0.734604 | 0.006298 |
| 7    | 0.174676 | 0.177012 | 0.175471 | 0.000382 |

G2GNTAMMUZ

1= 1.04 $\mu$ m 2=1.25 $\mu$ m 3=1.5 $\mu$ m 4=2 $\mu$ m 5=2.4 $\mu$ m 6=3 $\mu$ m 7=4.25 $\mu$ m

Filename: H:\nims\ganymede\corr\_files\tammuz\g2gntammuz01a\_msy02.cub  
 Region: Region #1 [Maroon] [2186 points] Krater

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.110583 | 0.117073 | 0.114548 | 0.001627 |
| 2    | 0.154425 | 0.163381 | 0.159827 | 0.002259 |
| 3    | 0.581269 | 0.621115 | 0.605175 | 0.010071 |
| 4    | 0.536621 | 0.587201 | 0.566676 | 0.012829 |
| 5    | 0.239344 | 0.275650 | 0.260669 | 0.009244 |
| 6    | 0.877195 | 0.908011 | 0.895019 | 0.007882 |
| 7    | 0.049971 | 0.097343 | 0.070654 | 0.012202 |

Filename: H:\nims\ganymede\corr\_files\tammuz\g2gntammuz01a\_msy02.cub  
 Region: Region #2 [Magenta] [7387 points] bright ejecta

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.086485 | 0.104768 | 0.093454 | 0.003916 |
| 2    | 0.123602 | 0.146824 | 0.132255 | 0.004963 |
| 3    | 0.453659 | 0.548530 | 0.488281 | 0.020170 |
| 4    | 0.394632 | 0.497488 | 0.430795 | 0.021645 |
| 5    | 0.151857 | 0.213220 | 0.172560 | 0.012753 |
| 6    | 0.814941 | 0.856944 | 0.828411 | 0.008630 |
| 7    | 0.124394 | 0.172956 | 0.158141 | 0.009780 |

Filename: H:\nims\ganymede\corr\_files\tammuz\g2gntammuz01a\_msy02.cub  
 Dims: Full Band (2183 points)dark ejecta

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.046747 | 0.057928 | 0.053564 | 0.002518 |
| 2    | 0.079090 | 0.090617 | 0.086035 | 0.002626 |
| 3    | 0.290138 | 0.331345 | 0.315184 | 0.009423 |
| 4    | 0.247656 | 0.281622 | 0.268140 | 0.007789 |
| 5    | 0.078906 | 0.094456 | 0.088210 | 0.003567 |
| 6    | 0.777061 | 0.784462 | 0.781455 | 0.001698 |
| 7    | 0.207159 | 0.215968 | 0.210680 | 0.002047 |

Filename: H:\nims\ganymede\corr\_files\tammuz\g2gntammuz01a\_msy02.cub  
 Dims: Full Band (201 points) bright crater

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.093834 | 0.101253 | 0.098196 | 0.001713 |
| 2    | 0.132433 | 0.141986 | 0.138028 | 0.002205 |
| 3    | 0.488738 | 0.528016 | 0.511656 | 0.009070 |
| 4    | 0.430892 | 0.473854 | 0.455789 | 0.009931 |
| 5    | 0.172450 | 0.198246 | 0.187287 | 0.005970 |
| 6    | 0.828204 | 0.845991 | 0.838353 | 0.004121 |
| 7    | 0.138151 | 0.158688 | 0.147084 | 0.004763 |

Filename: H:\nims\ganymede\corr\_files\tammuz\ g2gntammuz01a\_msy02.cub  
 Dims: Full Band (11522 points) substrat

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.059201 | 0.086085 | 0.067447 | 0.004288 |
| 2    | 0.092197 | 0.122909 | 0.101348 | 0.004824 |
| 3    | 0.336962 | 0.450871 | 0.369842 | 0.017670 |
| 4    | 0.286442 | 0.391775 | 0.315342 | 0.016016 |
| 5    | 0.096700 | 0.150315 | 0.110711 | 0.007999 |
| 6    | 0.785548 | 0.814062 | 0.792612 | 0.004165 |
| 7    | 0.174034 | 0.205940 | 0.197977 | 0.004710 |

G7GNKITTU

1=1.5 $\mu$ m 4=2 $\mu$ m 3=3 $\mu$ m 4=4.25 $\mu$ m

Filename: H:\nims\ganymede\corr\_files\kittu\g7gnkittu.cub  
 Region: Region #1 [64 points] Krater

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.449763 | 0.593765 | 0.524532 | 0.043180 |
| 2    | 0.331147 | 0.492847 | 0.414793 | 0.047415 |
| 3    | 0.677091 | 0.845404 | 0.769893 | 0.048590 |
| 4    | 0.113382 | 0.178545 | 0.140119 | 0.016037 |

Filename: H:\nims\ganymede\corr\_files\kittu\g7gnkittu.cub  
 Region: Region #2 [1306 points] dunkle Ejekta

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.178827 | 0.354199 | 0.271656 | 0.025697 |
| 2    | 0.171911 | 0.269256 | 0.210336 | 0.017523 |
| 3    | 0.668043 | 0.788084 | 0.720386 | 0.024208 |
| 4    | 0.182164 | 0.258162 | 0.207002 | 0.014339 |

Filename: H:\nims\ganymede\corr\_files\kittu\g7gnkittu.cub  
Region: Region #3 [1767 points] substrat

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.335949 | 0.430427 | 0.372078 | 0.025087 |
| 2    | 0.222397 | 0.353880 | 0.300123 | 0.023195 |
| 3    | 0.636482 | 0.855024 | 0.794212 | 0.042271 |
| 4    | 0.154472 | 0.268537 | 0.216480 | 0.022529 |

Filename: H:\nims\ganymede\corr\_files\kittu\g7gnkittu.cub  
Region: Region #4 [228 points] bright ejecta

| Band | Min      | Max      | Mean     | Stdev    |
|------|----------|----------|----------|----------|
| 1    | 0.390132 | 0.488803 | 0.452586 | 0.024157 |
| 2    | 0.316958 | 0.402018 | 0.369007 | 0.021324 |
| 3    | 0.785103 | 0.848561 | 0.825505 | 0.015466 |
| 4    | 0.175144 | 0.225723 | 0.192321 | 0.010443 |