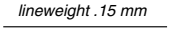
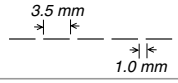
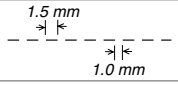
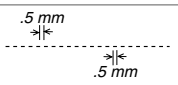
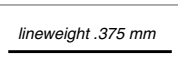
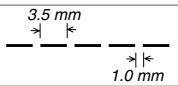
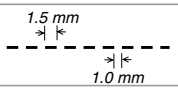
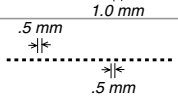
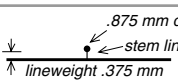
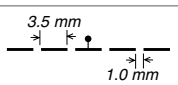
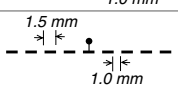
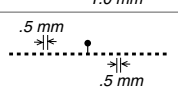
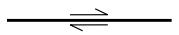
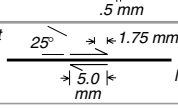
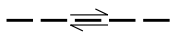
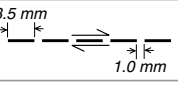
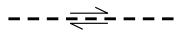
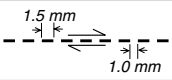
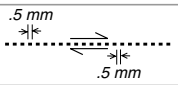
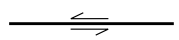
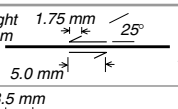
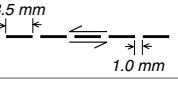
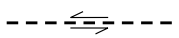
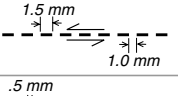
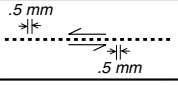
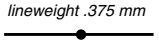
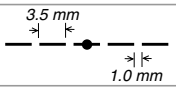
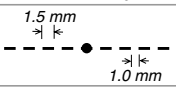
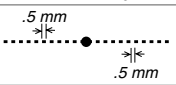
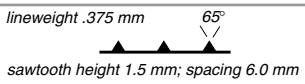
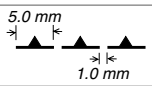
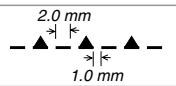
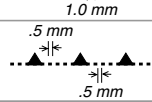
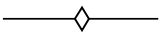
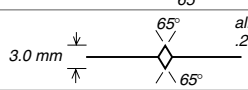
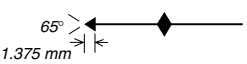
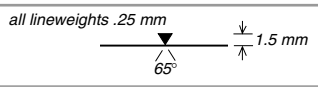
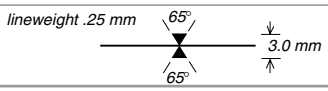
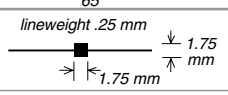
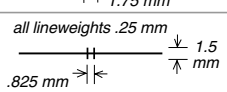
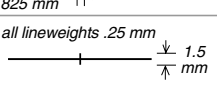
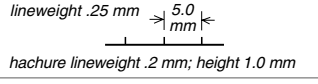
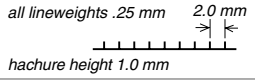
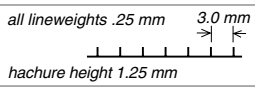
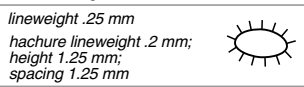
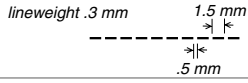
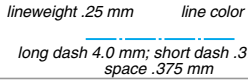
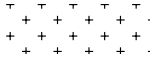
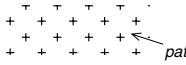
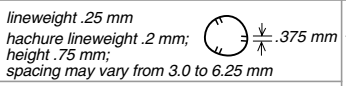
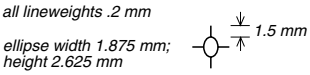
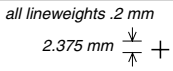
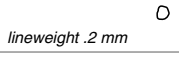
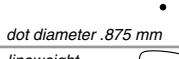
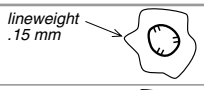
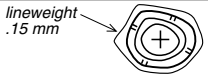
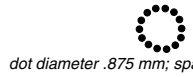
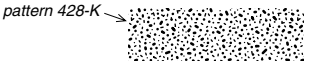
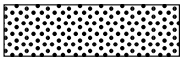
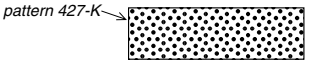
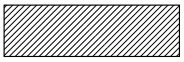
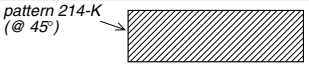
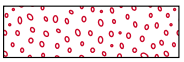
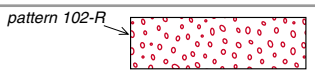
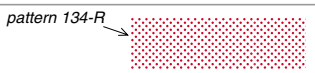
## 25—PLANETARY GEOLOGY FEATURES

| REF NO | DESCRIPTION | SYMBOL | CARTOGRAPHIC SPECIFICATIONS | NOTES ON USAGE |
|---|---|---|---|---|
| 25.1 | Contact, planetary—Certain |  |  | |
| 25.2 | Contact, planetary—Approximate |  |  | |
| 25.3 | Contact, planetary—Inferred |  |  | |
| 25.4 | Contact, planetary—Concealed |  |  | |
| 25.5 | Fault, planetary, sense of offset unspecified—Certain |  |  | |
| 25.6 | Fault, planetary, sense of offset unspecified—Approximate |  |  | |
| 25.7 | Fault, planetary, sense of offset unspecified—Inferred |  |  | |
| 25.8 | Fault, planetary, sense of offset unspecified—Concealed |  |  | |
| 25.9 | Fault, planetary, normal offset—Certain |  |  | Ball and bar on down-thrown block. |
| 25.10 | Fault, planetary, normal offset—Approximate |  |  | |
| 25.11 | Fault, planetary, normal offset—Inferred |  |  | |
| 25.12 | Fault, planetary, normal offset—Concealed |  |  | |
| 25.13 | Fault, planetary, right-lateral offset—Certain |  |  | Arrows show direction of relative offset. |
| 25.14 | Fault, planetary, right-lateral offset—Approximate |  |  | |
| 25.15 | Fault, planetary, right-lateral offset—Inferred |  |  | |
| 25.16 | Fault, planetary, right-lateral offset—Concealed |  |  | |
| 25.17 | Fault, planetary, left-lateral offset—Certain |  |  | Arrows show direction of relative offset. |
| 25.18 | Fault, planetary, left-lateral offset—Approximate |  |  | |
| 25.19 | Fault, planetary, left-lateral offset—Inferred |  |  | |
| 25.20 | Fault, planetary, left-lateral offset—Concealed |  |  | |

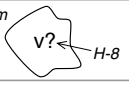
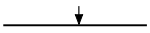
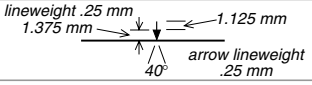
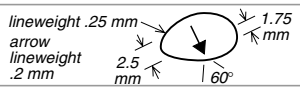
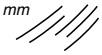
## 25—PLANETARY GEOLOGY FEATURES (continued)

| REF NO | DESCRIPTION | SYMBOL | CARTOGRAPHIC SPECIFICATIONS | NOTES ON USAGE |
|---|---|---|---|---|
| 25.21 | Graben trace, planetary—Certain (shown as single line where bounding normal faults cannot be mapped separately) |  |   | |
| 25.22 | Graben trace, planetary—Approximately located (shown as single line where bounding normal faults cannot be mapped separately) |  |   | |
| 25.23 | Graben trace, planetary—Inferred (shown as single line where bounding normal faults cannot be mapped separately) |  |   | |
| 25.24 | Graben trace, planetary—Concealed (shown as single line where bounding normal faults cannot be mapped separately) |  |   | |
| 25.25 | Thrust fault, planetary—Certain |  |   | Sawteeth on upper plate. |
| 25.26 | Thrust fault, planetary—Approximately located |  |   | |
| 25.27 | Thrust fault, planetary—Inferred |  |   | |
| 25.28 | Thrust fault, planetary—Concealed |  |   | |
| 25.29 | Ridge crest, type 1, planetary |  |   | Barbs point downslope. |
| 25.30 | Ridge crest, type 2, planetary |  |   | |
| 25.31 | Ridge crest, type 1, planetary—Arrowhead shows abrupt termination of ridge |  |   | Line end without arrowhead indicates gradual termination of ridge. |
| 25.32 | Scarp base, planetary |  |   | Barbs point downslope. |
| 25.33 | Trough or narrow depression, planetary |  |   | |
| 25.34 | Furrow, planetary |  |   | |
| 25.35 | Sharp groove, planetary |  |   | |
| 25.36 | Subdued groove, planetary |  |   | |
| 25.37 | Scarp top, planetary |  |   | Hachures point downslope. |
| 25.38 | Lobate scarp, planetary |  |   | |
| 25.39 | Basal scarp, planetary |  |   | |
| 25.40 | Dome or circular scarp, planetary |  |   | |
| 25.41 | Depression, planetary |  |   | |

## 25—PLANETARY GEOLOGY FEATURES (continued)

| REF NO | DESCRIPTION | SYMBOL | CARTOGRAPHIC SPECIFICATIONS | NOTES ON USAGE |
|---|---|---|---|---|
| 25.42 | Lineament, planetary |  |   | |
| 25.43 | Shallow or linear depression, valley, or channel, planetary |  |   | |
| 25.44 | Joint or fracture pattern, planetary |  |   | |
| 25.45 | Area of reticulate grooves, planetary—Showing trend |  |   | |
| 25.46 | Crest of crater rim, planetary |  |   | Hachures point into crater. |
| 25.47 | Crest of buried crater rim, planetary |  |   | |
| 25.48 | Crater, planetary—Showing central peak |  |   | Hachures point downslope. |
| 25.49 | Crater, planetary—Showing central peak (shown as 'plus' when too small to outline at map scale) |  |   | |
| 25.50 | Crater floor, planetary—Showing pit |  |   | |
| 25.51 | Crater floor, planetary—Showing pit (shown as 'dot' when too small to outline at map scale) |  |   | |
| 25.52 | Impact crater, planetary—Having a raised rim and a visible ejecta blanket |  |   | Hachures point into crater. |
| 25.53 | Complex impact crater, planetary—Peak at center, surrounded by floor, rim crest, and rough rim or continuous ejecta or field of secondary craters |  |   | |
| 25.54 | Palimpsest ring, planetary |  |   | |
| 25.55 | Dark-colored ejecta, planetary |  |   | May be shown in red or other colors. |
| 25.56 | Light-colored ejecta, planetary |  |   | |
| 25.57 | Terrace deposits, planetary |  |   | May be shown in red or other colors. |
| 25.58 | Dark-colored mantling material, planetary |  |   | |
| 25.59 | Secondary crater field, planetary |  |   | May be shown in black or other colors. |
| 25.60 | Diffuse highland-lowland boundary scarp, planetary |  |   | |

## 25—PLANETARY GEOLOGY FEATURES (continued)

| REF NO | DESCRIPTION | SYMBOL | CARTOGRAPHIC SPECIFICATIONS | NOTES ON USAGE |
|---|---|---|---|---|
| 25.61 | Chain craters or collapsed lava tube, planetary |  | *lineweight .2 mm*  | Hachures point into crater. |
| 25.62 | Caldera, planetary |  | *lineweight .25 mm hachure lineweight .2 mm; height .625 mm; spacing .875 mm*  | |
| 25.63 | Volcano, planetary, without summit crater—Queried if origin is conjectural |   | *lineweight .15 mm*   | |
| 25.64 | Volcano, planetary, with summit crater |  | *lineweight .15 mm*  | |
| 25.65 | Flow front, planetary—Arrow indicates flow direction |  | *lineweight .25 mm*   | |
| 25.66 | Mountain (rugged), planetary—Origin uncertain |  | *lineweight .2 mm (screened to retain 50%)*  | |
| 25.67 | Channel bars, planetary—May be erosional or depositional |  | *lineweight .2 mm (screened to retain 30%)*  | |
| 25.68 | Slide or slump material, planetary—Arrow indicates direction of movement |  | *lineweight .25 mm*   | |
| 25.69 | Layering in canyon wall, planetary |  | *lineweight .2 mm*  *lengths and spacing will vary* | |