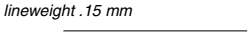
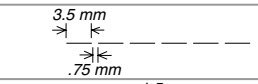
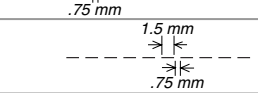
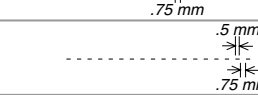
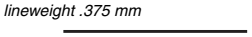
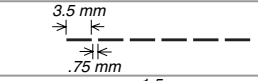
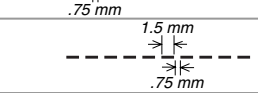
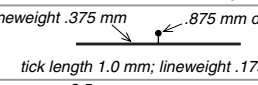
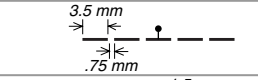
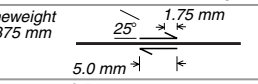
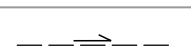
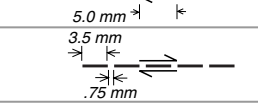
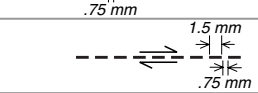
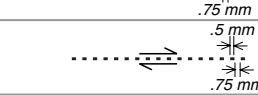
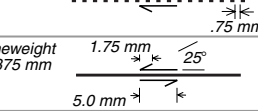
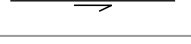
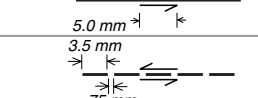
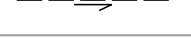
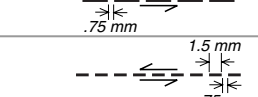
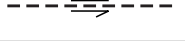
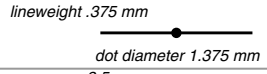
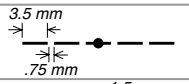
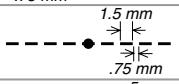
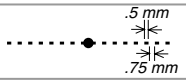
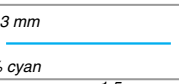
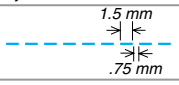
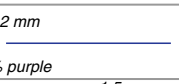
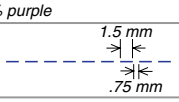
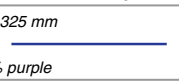
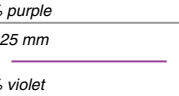
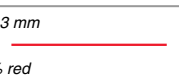
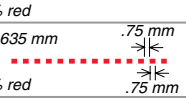
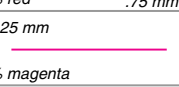
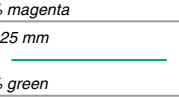
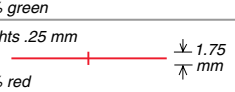
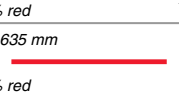
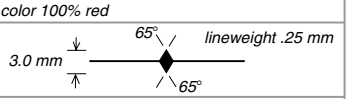
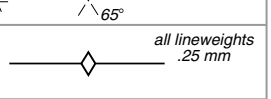
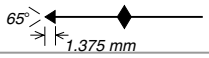
25—PLANETARY GEOLOGY FEATURES

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
25.1	Contact, planetary—Location accurate			OK
25.2	Contact, planetary—Location approximate			OK
25.3	Contact, planetary—Location inferred			OK
25.4	Contact, planetary—Location concealed			OK
25.5	Fault, planetary, sense of offset unspecified—Location accurate			OK
25.6	Fault, planetary, sense of offset unspecified—Location approximate			OK
25.7	Fault, planetary, sense of offset unspecified—Location inferred			OK
25.8	Fault, planetary, sense of offset unspecified—Location concealed			OK
25.9	Normal fault, planetary—Location accurate. Ball and bar on downthrown block			OK
25.10	Normal fault, planetary—Location approximate. Ball and bar on downthrown block			OK
25.11	Normal fault, planetary—Location inferred. Ball and bar on downthrown block			OK
25.12	Normal fault, planetary—Location concealed. Ball and bar on downthrown block			OK
25.13	Strike-slip fault, planetary, right-lateral offset—Location accurate. Arrows show relative motion			OK
25.14	Strike-slip fault, planetary, right-lateral offset—Location approximate. Arrows show relative motion			OK
25.15	Strike-slip fault, planetary, right-lateral offset—Location inferred. Arrows show relative motion			OK
25.16	Strike-slip fault, planetary, right-lateral offset—Location concealed. Arrows show relative motion			OK
25.17	Strike-slip fault, planetary, left-lateral offset—Location accurate. Arrows show relative motion			OK
25.18	Strike-slip fault, planetary, left-lateral offset—Location approximate. Arrows show relative motion			OK
25.19	Strike-slip fault, planetary, left-lateral offset—Location inferred. Arrows show relative motion			OK
25.20	Strike-slip fault, planetary, left-lateral offset—Location concealed. Arrows show relative motion			OK
25.21	Thrust fault, planetary—Location accurate. Sawteeth on upper plate			OK
25.22	Thrust fault, planetary—Location approximate. Sawteeth on upper plate			OK
25.23	Thrust fault, planetary—Location inferred. Sawteeth on upper plate			OK
25.24	Thrust fault, planetary—Location concealed. Sawteeth on upper plate			OK

you should use the Sketch tool for mapping

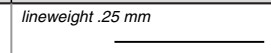
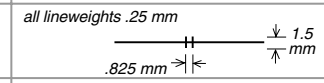
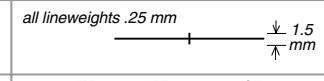
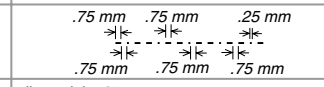
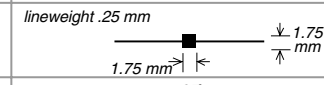
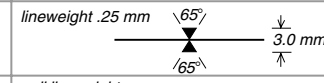
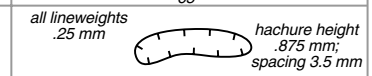
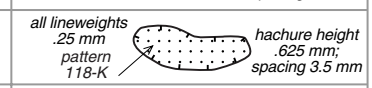
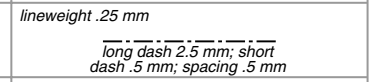
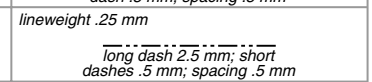
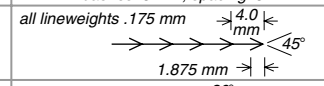
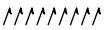
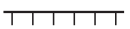
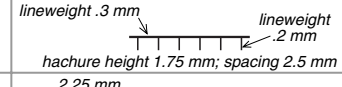
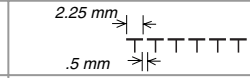
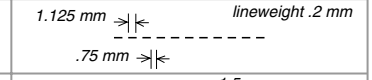
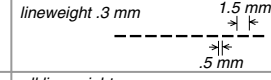
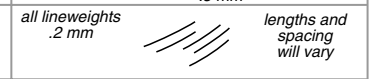
*For more information, see general guidelines on pages A-i to A-v.

25—PLANETARY GEOLOGY FEATURES (continued)

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
25.25	Graben trace, planetary (shown as single line where bounding normal faults cannot be mapped separately)—Location accurate			OK
25.26	Graben trace, planetary (shown as single line where bounding normal faults cannot be mapped separately)—Location approximate			OK
25.27	Graben trace, planetary (shown as single line where bounding normal faults cannot be mapped separately)—Location inferred			OK
25.28	Graben trace, planetary (shown as single line where bounding normal faults cannot be mapped separately)—Location concealed			OK
25.29	Regional fracture, planetary			OK
25.30	Partly buried regional fracture, planetary			OK
25.31	Arcuate fracture, planetary			OK
25.32	Partly buried arcuate fracture, planetary			OK
25.33	Radial fracture, planetary (associated with coronae)			OK
25.34	Concentric fracture, planetary (associated with coronae)			OK
25.35	Fold crest, planetary			OK
25.36	Broad warp, planetary			OK
25.37	Wrinkle ridge, planetary			OK
25.38	Ribbon trends, planetary			OK
25.39	Ridge belt, planetary			OK
25.40	Broad ridge crest, planetary (generally associated with coronae)			OK
25.41	Ridge crest, planetary (1st option)			OK
25.42	Ridge crest, planetary (2nd option)			OK
25.43	Ridge crest, planetary (1st option)—Arrowhead shows abrupt termination of ridge			OK
25.44	Ridge crest, planetary (2nd option)—Arrowhead shows abrupt termination of ridge			OK
25.45	Ridge crest (possible dike), planetary			OK
25.46	Corona annulus ridge, planetary—Showing axial trace and plunge. Short arrow indicates steeper limb or scarp bounding corona trough			OK

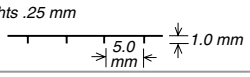
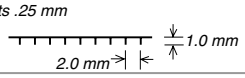
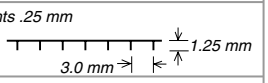
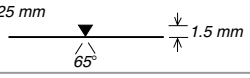
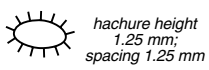
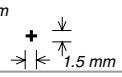
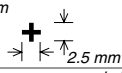
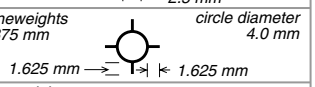
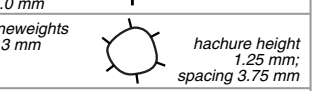
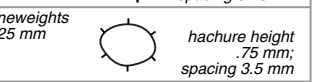
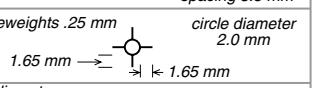
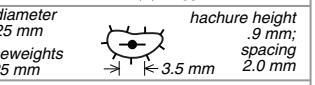
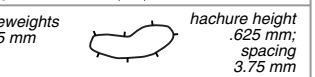
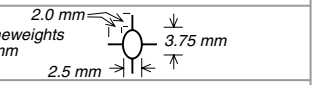
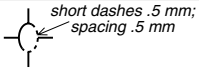
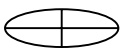
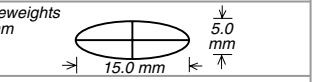
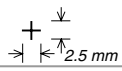
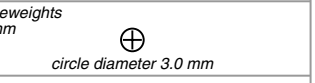
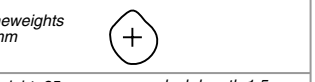
For more information, see general guidelines on pages A-i to A-v.

25—PLANETARY GEOLOGY FEATURES (continued)

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
25.47	Groove (generic), planetary			OK
25.48	Sharp groove, planetary			OK
25.49	Subdued groove, planetary			OK
25.50	Radially grooved ejecta (schematic), planetary			OK
25.51	Furrow, planetary			OK
25.52	Trough or narrow depression, planetary			OK
25.53	Depression (mapped to scale), planetary			OK
25.54	Large depression (mapped to scale), planetary			OK
25.55	Shallow, linear depression or valley, or narrow channel, planetary			OK
25.56	Channel (canali), planetary			OK
25.57	Channel (canali), planetary—Two short dashes where structureless or indefinite			OK
25.58	Narrow channel (possible lava channel), planetary—Arrows point in direction of flow			OK
25.59	Erosional boundary, planetary—Erosion increases in direction of arrows			OK
25.60	Angular unconformity, planetary—Hachures indicate truncated beds			OK
25.61	Angular unconformity, planetary—Uncertain. Hachures indicate truncated beds			OK
25.62	Layer, planetary			OK
25.63	Lineament, planetary			OK
25.64	Layering in canyon wall, planetary			OK
25.65	Fabric of short radar-bright lineaments (schematic), planetary			OK
25.66	Penetrative lineations, within tessera terrain, planetary			OK
25.67	Flow direction, planetary			OK
25.68	Wind streaks, planetary—Arrow points in inferred wind direction			OK
25.69	Area of channelized erosion and scouring, planetary—Arrow points in direction of interpreted flow			OK
25.70	Area of eolian transport, planetary—Arrow points in direction of air flow			OK

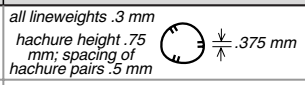
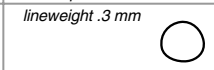
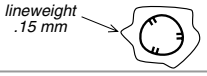
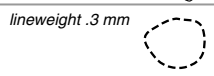
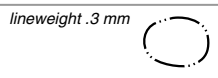
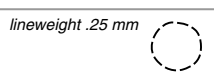
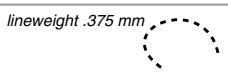
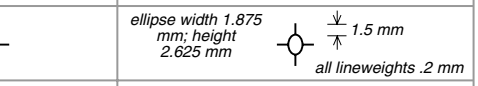
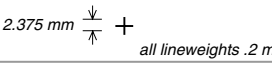
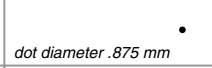
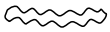
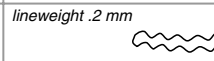
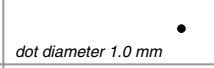
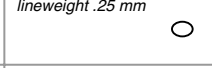
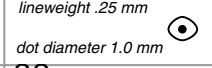
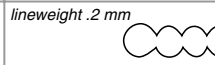
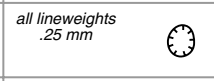
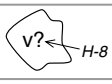
For more information, see general guidelines on pages A-i to A-v.

25—PLANETARY GEOLOGY FEATURES (continued)

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
25.71	Scarp, planetary—Hachures point downscarp			OK
25.72	Lobate scarp, planetary—Hachures point downscarp			OK
25.73	Basal scarp, planetary—Hachures point downscarp			OK
25.74	Base of scarp, planetary—Barb points downscarp			OK
25.75	Dome, edifice, or circular scarp, planetary (mapped to scale)—Hachures point downscarp			OK
25.76	Very small shield, dome, or volcanic construct, planetary (not mapped to scale)			OK
25.77	Small shield, dome, or volcanic construct, planetary (not mapped to scale)			OK
25.78	Large, steep-sided shield, dome, or volcanic construct, planetary (not mapped to scale)			OK
25.79	Mesa, planetary (not mapped to scale)			OK
25.80	Large shield, dome, or volcanic construct, planetary (mapped to scale)—Hachures point downscarp			OK
25.81	Large cone, planetary (mapped to scale)—Hachures point downscarp			OK
25.82	Knob or central peak, planetary (not mapped to scale)			OK
25.83	Knob, planetary (mapped to scale)—Bar and ball indicate apical fissure. Hachures point downscarp			OK
25.84	Elevated plateau, planetary (mapped to scale)—Hachures point downscarp			OK
25.85	Steep-sided edifice, planetary (not mapped to scale)			OK
25.86	Steep-sided edifice, planetary (not mapped to scale)—Dotted where concealed or buried			not possible
25.87	Large edifice, planetary (not mapped to scale)			OK
25.88	Very small tholi, planetary (not mapped to scale)			OK
25.89	Small tholi, planetary (not mapped to scale)			OK
25.90	Small tholi, planetary (mapped to scale)			OK
25.91	Corona, planetary			OK
25.92	Nova, planetary			OK
25.93	Palimpsest ring, planetary			OK

For more information, see general guidelines on pages A-i to A-v.

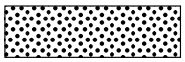
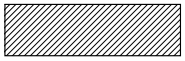
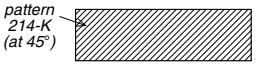
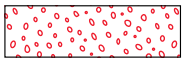
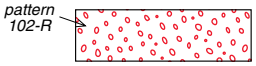
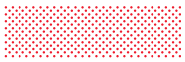
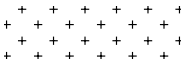
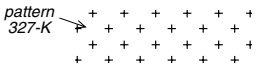
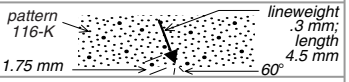
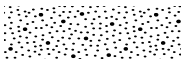
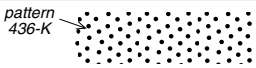
25—PLANETARY GEOLOGY FEATURES (continued)

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
25.94	Raised rim of larger impact crater, planetary—Hachures point into crater			OK
25.95	Raised rim of smaller impact crater, planetary			OK
25.96	Raised rim of impact crater, planetary—Showing visible ejecta blanket			OK
25.97	Degraded impact crater rim, planetary (1st option)			OK
25.98	Rimless impact crater, subdued impact crater rim, degraded impact crater rim (2nd option), or buried impact crater rim, planetary			OK
25.99	Secondary impact crater chain and cluster, planetary			OK
25.100	Basin ring, planetary			OK
25.101	Central peak of impact crater, planetary (1st option)			OK
25.102	Central peak of impact crater, planetary (2nd option)			OK
25.103	Pit of impact crater floor, planetary (1st option)			OK
25.104	Pit of impact crater floor, planetary (2nd option)			OK
25.105	Pit-crater chain (mapped to scale), planetary			OK
25.106	Small endogenic crater, planetary			OK
25.107	Small endogenic crater (mapped to scale), planetary			OK
25.108	Medium-sized endogenic crater (mapped to scale), planetary			OK
25.109	Large endogenic crater (mapped to scale), planetary			OK
25.110	Chain craters or collapsed lava tube (mapped to scale), planetary			OK
25.111	Caldera, planetary			OK
25.112	Volcano, planetary, having summit crater			OK
25.113	Volcano, planetary, without summit crater—Queried if origin is conjectural			OK
25.114	Flow front, planetary—Arrow indicates flow direction			OK
25.115	Mountain (rugged), planetary—Origin uncertain			OK
25.116	Channel bars, planetary—May be erosional or depositional			OK
25.117	Slide or slump material, planetary—Arrow indicates direction of movement			OK

OK + Marker 25.88

*For more information, see general guidelines on pages A-i to A-v.

25—PLANETARY GEOLOGY FEATURES (continued)

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*	
25.118	Dark-colored ejecta, planetary			May also be shown in red or other colors.	OK
25.119	Light-colored ejecta, planetary			OK	
25.120	Terrace deposits, planetary			OK	
25.121	Dark-colored mantling material, planetary			OK	
25.122	Secondary crater field, planetary			May also be shown in black or other colors.	OK
25.123	Diffuse highland-lowland boundary scarp, planetary			OK	
25.124	Joint or fracture pattern, planetary			May also be shown in red or other colors.	OK
25.125	Area of reticulate grooves, planetary—Showing trend			OK	
25.126	Detached lobe, planetary—Arrow points in direction of interpreted landslide or debris flow			OK	
25.127	Low albedo smooth material, planetary—Interpreted as eolian material				not possible so far
25.128	Airburst spot				
25.129	Mantling material, planetary—Light-colored				
25.130	Splotch, planetary—Circular, radar-bright halo on surface			OK	
25.131	Reticulate pattern on plains, planetary			OK	
25.132	Fracture zone, planetary				not possible so far
25.133	Superficial crater material having weak radar back-scatter coefficient, planetary				
25.134	Crater-associated ejecta halo, planetary			OK	
25.135	Halo without associated crater, planetary			OK	

For more information, see general guidelines on pages A-i to A-v.