5—FOLDS

		3—FULDS		
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.1—Anticlines		
5.1.1	Anticline (1st option)—Identity and existence certain, location accurate		arrow lineweight color 100% magenta 2 mm 40° 40° HB-8	Place fold trace where axial surface of anticline intersects the ground
5.1.2	Anticline (1st option)—Identity or existence questionable, location accurate		mm	surface. Place arrows at places along fold trace to indi- cate overall fold type
5.1.3	Anticline (1st option)—Identity and existence certain, location approximate		3.5 mm → ★ -2 ↑ -2	(anticline); do not place at specific locality where observation was
5.1.4	Anticline (1st option)—Identity or existence questionable, location approximate	— <u>\$</u> — \$ — <u>\$</u> —	. ↓ → ← ←	made. Arrowheads may be added to show direction
5.1.5	Anticline (1st option)—Identity and existence certain, location inferred	\$	1.5 mm ⇒ <	of plunge (see Section 5.10). Open-arrowed ("2nd
5.1.6	Anticline (1st option)—Identity or existence questionable, location inferred	?	→	option") symbols may be used to show a sec- ond generation or another instance of a
5.1.7	Anticline (1st option)—Identity and existence certain, location concealed		.5 mm ⇒lk-	particular fold type. May also be shown in black or other colors.
5.1.8	Anticline (1st option)—Identity or existence questionable, location concealed		≯ - → - .75 mm .75 mm	shack of out of octors.
5.1.9	Anticline (2nd option)—Identity and existence certain, location accurate		arrow lineweight color 100% magenta 2 mm 40° HB-8	
5.1.10	Anticline (2nd option)—Identity or existence questionable, location accurate	-? - 	mm	
5.1.11	Anticline (2nd option)—Identity and existence certain, location approximate		3.5 mm → ←	
5.1.12	Anticline (2nd option)—Identity or existence questionable, location approximate	— ? — † — ? —	→	
5.1.13	Anticline (2nd option)—Identity and existence certain, location inferred		1.5 mm → k	
5.1.14	Anticline (2nd option)—Identity or existence questionable, location inferred	?	→	
5.1.15	Anticline (2nd option)—Identity and existence certain, location concealed		.5 mm ⇒ <	
5.1.16	Anticline (2nd option)—Identity or existence questionable, location concealed		≯ ← ≯ ← .75 mm .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.2—Antiforms		
5.2.1	Antiform (1st option)—Identity and existence certain, location accurate		arrow lineweight color 100% magenta .2 mm 60° V 5.5 HB-8	Place fold trace where axial surface of antiform intersects the ground
5.2.2	Antiform (1st option)—Identity or existence questionable, location accurate		mm ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ .75 mm lineweight	surface. Place arrows at places along fold trace to indi- cate overall fold type
5.2.3	Antiform (1st option)—Identity and existence certain, location approximate	‡	3.5 mm ⇒	(antiform); do not place at specific locality where observation was
5.2.4	Antiform (1st option)—Identity or existence questionable, location approximate	— <u>-</u>	→ → - → - 75 mm	made. Arrowheads may be added to show direction
5.2.5	Antiform (1st option)—Identity and existence certain, location inferred	\$	1.5 mm ⇒ k- 	of plunge (see Section 5.10). Open-arrowed ("2nd
5.2.6	Antiform (1st option)—Identity or existence questionable, location inferred		→ - -75 mm .75 mm	option") symbols may be used to show a sec- ond generation or another instance of a
5.2.7	Antiform (1st option)—Identity and existence certain, location concealed		.5 mm ≯k-	particular fold type. May also be shown in black or other colors.
5.2.8	Antiform (1st option)—Identity or existence questionable, location concealed		≯ ← ≯ ← .75 mm .75 mm	
5.2.9	Antiform (2nd option)—Identity and existence certain, location accurate		arrow lineweight color 100% magenta .2 mm 60° HB-8 5.5	
5.2.10	Antiform (2nd option)—Identity or existence questionable, location accurate		mm	
5.2.11	Antiform (2nd option)—Identity and existence certain, location approximate	—— 	3.5 mm ⇒ ←	
5.2.12	Antiform (2nd option)—Identity or existence questionable, location approximate	— ? — \$ — ? —	→ + → + .75 mm	
5.2.13	Antiform (2nd option)—Identity and existence certain, location inferred		1.5 mm	
5.2.14	Antiform (2nd option)—Identity or existence questionable, location inferred	.	→	
5.2.15	Antiform (2nd option)—Identity and existence certain, location concealed		.5 mm ⇒ ←	
5.2.16	Antiform (2nd option)—Identity or existence questionable, location concealed			

		5—FULDS (continue	,	NOTES STATES
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
	<u> </u>	etric, overturned, and inv	1	
5.3.1	Asymmetric anticline (1st option)—Identity and existence certain, location accurate. Beds are upright; shorter arrow on steeper limb		lineweight 2.25 mm 40° 1.475 mm L25 mm 40° HB-8	Place fold trace where axial surface of asymmetric anticline inter-
5.3.2	Asymmetric anticline (1st option)—Identity or existence questionable, location accurate. Beds are upright; shorter arrow on steeper limb	-? - ?	3.5 mm → 12.0 mm ← .2 mm	sects the ground sur- face. Place arrows at places along fold trace to indi-
5.3.3	Asymmetric anticline (1st option)—Identity and existence certain, location approximate. Beds are upright; shorter arrow on steeper limb		3.5 mm → ★	cate overall fold type (asymmetric anticline); do not place at specific
5.3.4	Asymmetric anticline (1st option)—Identity or existence questionable, location approximate. Beds are upright; shorter arrow on steeper limb	— .	→ ← → ← .75 mm	locality where observa- tion was made. Arrowheads may be
5.3.5	Asymmetric anticline (1st option)—Identity and existence certain, location inferred. Beds are upright; shorter arrow on steeper limb		1.5 mm → ←	added to show direction of plunge (see Section 5.10).
5.3.6	Asymmetric anticline (1st option)—Identity or existence questionable, location inferred. Beds are upright; shorter arrow on steeper limb		→	Open-arrowed ("2nd option") symbols may be used to show a sec-
5.3.7	Asymmetric anticline (1st option)—Identity and existence certain, location concealed. Beds are upright; shorter arrow on steeper limb		.5 mm ≯k	ond generation or another instance of a particular fold type. May also be shown in
5.3.8	Asymmetric anticline (1st option)—Identity or existence questionable, location concealed. Beds are upright; shorter arrow on steeper limb		≯ ←	black or other colors.
5.3.9	Asymmetric anticline (2nd option)—Identity and existence certain, location accurate. Beds are upright; shorter arrow on steeper limb		color 100% magenta lineweight 2.25 mm 40° 1.475 mm .25 mm HB-8	
5.3.10	Asymmetric anticline (2nd option)—Identity or existence questionable, location accurate. Beds are upright; shorter arrow on steeper limb		3.5 mm → 12.0 mm → 12.0 mm	
5.3.11	Asymmetric anticline (2nd option)—Identity and existence certain, location approximate. Beds are upright; shorter arrow on steeper limb		3.5 mm → ←	
5.3.12	Asymmetric anticline (2nd option)—Identity or existence questionable, location approximate. Beds are upright; shorter arrow on steeper limb	— ? — † — ? —	→	
5.3.13	Asymmetric anticline (2nd option)—Identity and existence certain, location inferred. Beds are upright; shorter arrow on steeper limb		1.5 mm → ←	
5.3.14	Asymmetric anticline (2nd option)—Identity or existence questionable, location inferred. Beds are upright; shorter arrow on steeper limb	- - ?	→	
5.3.15	Asymmetric anticline (2nd option)—Identity and existence certain, location concealed. Beds are upright; shorter arrow on steeper limb		.5 mm >d <	
5.3.16	Asymmetric anticline (2nd option)—Identity or existence questionable, location concealed. Beds are upright; shorter arrow on steeper limb		⇒ k → k .75 mm .75 mm	
5.3.17	Overturned anticline (1st option)—Identity and existence certain, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs		2.275 mm color 100% magenta lineweight .25 mm HB-8	Place fold trace where axial surface of over- turned anticline intersects
5.3.18	Overturned anticline (1st option)—Identity or existence questionable, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs		1.0 mm radius 7.75 mm arrow lineweight -2 mm	the ground surface. Place arrows at places along fold trace to indi-
5.3.19	Overturned anticline (1st option)—Identity and existence certain, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs		3.5 mm → ★	cate overall fold type (overturned anticline); do not place at specific locality where observa-
5.3.20	Overturned anticline (1st option)—Identity or existence questionable, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs	_;_ ₩ _;_	-:	tion was made. Arrowheads may be added to show direction
5.3.21	Overturned anticline (1st option)—Identity and existence certain, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	- \	1.5 mm	of plunge (see Section 5.10). Open-arrowed ("2nd
5.3.22	Overturned anticline (1st option)—Identity or existence questionable, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	? (?	→	option") symbols may be used to show a sec- ond generation or
5.3.23	Overturned anticline (1st option)—Identity and existence certain, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs		.5 mm ⇒ ≼	another instance of a particular fold type. May also be shown in black or other colors.
5.3.24	Overturned anticline (1st option)—Identity or existence questionable, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs		≯ ← ≯ ← .75 mm	3.13. 301010.

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
HEF NO		overturned, and inverted		NOTES ON USAGE"
	Overturned anticline (2nd option)—Identity and exis-	orontamou, and invented	2 275 mm color 100% magenta	Place fold trace where
5.3.25	tence certain, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs		lineweight .25 mm .25 mm .25 mm	axial surface of over- turned anticline intersects the ground surface.
5.3.26	Overturned anticline (2nd option)—Identity or existence questionable, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs	_? \\ \}	1.0 mm radius 7.75 mm arrow lineweight → 12.0 mm ← .2 mm	Place arrows at places along fold trace to indicate overall fold type
5.3.27	Overturned anticline (2nd option)—Identity and existence certain, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs	—— \	3.5 mm ⇒ ←	(overturned anticline); do not place at specific locality where observa-
5.3.28	Overturned anticline (2nd option)—Identity or existence questionable, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs	— ? — ∱∱ — ? —	→ ← → { → k- → k- .75 mm .75 mm	tion was made. Arrowheads may be added to show direction
5.3.29	Overturned anticline (2nd option)—Identity and existence certain, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	\	1.5 mm → ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.3.30	Overturned anticline (2nd option)—Identity or existence questionable, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	- -? ∱∱ ?		option") symbols may be used to show a sec- ond generation or
5.3.31	Overturned anticline (2nd option)—Identity and existence certain, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs		.5 mm ⇒ ←	another instance of a particular fold type. May also be shown in black or other colors.
5.3.32	Overturned anticline (2nd option)—Identity or existence questionable, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs	?∱∱?	⇒ k → k .75 mm .75 mm	black of other colors.
5.3.33	Inverted anticline (1st option)—Identity and existence certain, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs		.875 mm radius color 100% magenta lineweight 40° 1.475 mm .25 mm HB-8	Place fold trace where axial surface of inverted anticline intersects the
5.3.34	Inverted anticline (1st option)—Identity or existence questionable, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs		2.25 mm 7.75 mm arrow lineweight 2.0 mm 2 mm	ground surface. Place arrows at places along fold trace to indi-
5.3.35	Inverted anticline (1st option)—Identity and existence certain, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs	N	3.5 mm ⇒ ←	cate overall fold type (inverted anticline); do not place at specific locality where observa-
5.3.36	Inverted anticline (1st option)—Identity or existence questionable, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs	- <u>\$</u> -\$-	→	tion was made. Arrowheads may be added to show direction
5.3.37	Inverted anticline (1st option)—Identity and existence certain, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs		1.5 mm → ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.3.38	Inverted anticline (1st option)—Identity or existence questionable, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs		→	option") symbols may be used to show a sec- ond generation or
5.3.39	Inverted anticline (1st option)—Identity and existence certain, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs	by	.5 mm ≯ ← 	another instance of a particular fold type. May also be shown in black or other colors.
5.3.40	Inverted anticline (1st option)—Identity or existence questionable, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs	\$\q\$	≯ ← ≯ ← .75 mm .75 mm	black of other colors.
5.3.41	Inverted anticline (2nd option)—Identity and existence certain, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs		.875 mm radius color 100% magenta lineweight 40° 1.475 mm .25 mm HB-8	
5.3.42	Inverted anticline (2nd option)—Identity or existence questionable, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs	-?	2.25 mm .75 mm arrow lineweight .2 mm	
5.3.43	Inverted anticline (2nd option)—Identity and existence certain, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs		3.5 mm ⇒ ←	
5.3.44	Inverted anticline (2nd option)—Identity or existence questionable, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs	- ?∱ ⁺ -?	→	
5.3.45	Inverted anticline (2nd option)—Identity and existence certain, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs	-	1.5 mm	
5.3.46	Inverted anticline (2nd option)—Identity or existence questionable, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs		→ -:- → → -75 mm	
5.3.47	Inverted anticline (2nd option)—Identity and existence certain, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs	······\\$.5 mm ⇒ k	
5.3.48	Inverted anticline (2nd option)—Identity or existence questionable, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs	3 \ddy 3	≯ ← ≯ ← .75 mm .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.4—Antiformal sheath fo	olds	
5.4.1	Antiformal sheath fold (1st option)—Identity and existence certain, location accurate		color 100% magenta arrow lineweight .2 mm lineweight 1.5 mm/ .25 mm/	Place fold trace where axial surface of antifor- mal sheath fold inter-
5.4.2	Antiformal sheath fold (1st option)—Identity or existence questionable, location accurate	-?	→ k 50° 1.475 mm → 12.0 mm 1.25 mm radius	sects the ground sur- face. Place arrows at places along fold trace to indi-
5.4.3	Antiformal sheath fold (1st option)—Identity and existence certain, location approximate	\$	3.5 mm ⇒ ←	cate overall fold type (antiformal sheath fold); do not place at specific
5.4.4	Antiformal sheath fold (1st option)—Identity or existence questionable, location approximate	-2-\$-2-	→ - 	locality where observa- tion was made. Arrowheads may be
5.4.5	Antiformal sheath fold (1st option)—Identity and existence certain, location inferred	\$	1.5 mm ⇒ k-	added to show direction of plunge (see Section 5.10).
5.4.6	Antiformal sheath fold (1st option)—Identity or existence questionable, location inferred		→ k → k .75 mm .75 mm	Open-arrowed ("2nd option") symbols may be used to show a second generation or
5.4.7	Antiformal sheath fold (1st option)—Identity and existence certain, location concealed		.5 mm ≯k	another instance of a particular fold type. May also be shown in
5.4.8	Antiformal sheath fold (1st option)—Identity or existence questionable, location concealed	2	≯ ← ≯ ← .75 mm .75 mm	black or other colors.
5.4.9	Antiformal sheath fold (2nd option)—Identity and existence certain, location accurate		color 100% magenta arrow lineweight .2 mm lineweight 1.5 mm .25 mm	
5.4.10	Antiformal sheath fold (2nd option)—Identity or existence questionable, location accurate	_? ♦ ? _	50° 1.475 mm 12.0 mm 1.25 mm radius	
5.4.11	Antiformal sheath fold (2nd option)—Identity and existence certain, location approximate	∳	3.5 mm ⇒ ←	
5.4.12	Antiformal sheath fold (2nd option)—Identity or existence questionable, location approximate	— <u>;</u> —∳	→	
5.4.13	Antiformal sheath fold (2nd option)—Identity and existence certain, location inferred		1.5 mm → ←	
5.4.14	Antiformal sheath fold (2nd option)—Identity or existence questionable, location inferred	; -	→	
5.4.15	Antiformal sheath fold (2nd option)—Identity and existence certain, location concealed		.5 mm →k	
5.4.16	Antiformal sheath fold (2nd option)—Identity or existence questionable, location concealed		≯k- ≯k .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.5—Synclines		110120011001101
5.5.1	Syncline (1st option)—Identity and existence certain, location accurate	*	arrow lineweight color 100% magenta	Place fold trace where axial surface of syncline intersects the ground
5.5.2	Syncline (1st option)—Identity or existence questionable, location accurate	-? ;	lineweight 7,5 mm 2.725 mm → 12.0 mm ← 1.475 mm	surface. Place arrows at places along fold trace to indi- cate overall fold type
5.5.3	Syncline (1st option)—Identity and existence certain, location approximate	*	3.5 mm ⇒ ←	(syncline); do not place at specific locality where observation was
5.5.4	Syncline (1st option)—Identity or existence questionable, location approximate	_	↑ ↑ 	made. Arrowheads may be added to show direction
5.5.5	Syncline (1st option)—Identity and existence certain, location inferred		1.5 mm → ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.5.6	Syncline (1st option)—Identity or existence questionable, location inferred	- -	· ↑ · · · · · · · · · · · · · · · · · ·	option") symbols may be used to show a sec- ond generation or another instance of a
5.5.7	Syncline (1st option)—Identity and existence certain, location concealed	·	.5 mm ≯ ←	particular fold type. May also be shown in black or other colors.
5.5.8	Syncline (1st option)—Identity or existence questionable, location concealed		≯ - → - .75 mm .75 mm	
5.5.9	Syncline (2nd option)—Identity and existence certain, location accurate		arrow lineweight color 100% magenta	
5.5.10	Syncline (2nd option)—Identity or existence questionable, location accurate		lineweight .75 mm .75 mm .75 mm .2.725 mm → 12.0 mm ← 1.475 mm	
5.5.11	Syncline (2nd option)—Identity and existence certain, location approximate	—— ↓ ——	3.5 mm → ←	
5.5.12	Syncline (2nd option)—Identity or existence questionable, location approximate	— ? — \	→	
5.5.13	Syncline (2nd option)—Identity and existence certain, location inferred	\	1.5 mm → ←	
5.5.14	Syncline (2nd option)—Identity or existence questionable, location inferred	-	→	
5.5.15	Syncline (2nd option)—Identity and existence certain, location concealed	 	.5 mm ⇒ k-	
5.5.16	Syncline (2nd option)—Identity or existence questionable, location concealed		≯k- ≯k- .75 mm .75 mm	

		3 TOLDO (CONTINA	···	
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.6—Synforms		
5.6.1	Synform (1st option)—Identity and existence certain, location accurate	+	arrow lineweight color 100% magenta .2 mm 60°/ HB-8	Place fold trace where axial surface of synform intersects the ground
5.6.2	Synform (1st option)—Identity or existence questionable, location accurate		lineweight / ↑ ↑ ↑ .75 mm 2.725 mm → 12.0 mm ← 1.475 mm	surface. Place arrows at places along fold trace to indi- cate overall fold type
5.6.3	Synform (1st option)—Identity and existence certain, location approximate	‡	3.5 mm → ←	(synform); do not place at specific locality where observation was
5.6.4	Synform (1st option)—Identity or existence questionable, location approximate	— \$ — \$ —- \$	→ → - -75 mm .75 mm	made. Arrowheads may be added to show direction
5.6.5	Synform (1st option)—Identity and existence certain, location inferred		1.5 mm → ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.6.6	Synform (1st option)—Identity or existence questionable, location inferred		#\ #\ .75 mm	option") symbols may be used to show a sec- ond generation or another instance of a
5.6.7	Synform (1st option)—Identity and existence certain, location concealed	·	.5 mm → ←	particular fold type. May also be shown in black or other colors.
5.6.8	Synform (1st option)—Identity or existence questionable, location concealed		→	3.00.00
5.6.9	Synform (2nd option)—Identity and existence certain, location accurate	- \	arrow lineweight color 100% magenta .2 mm 60°/ HB-8	
5.6.10	Synform (2nd option)—Identity or existence questionable, location accurate	``	lineweight .25 mm	
5.6.11	Synform (2nd option)—Identity and existence certain, location approximate	—— \	3.5 mm →	
5.6.12	Synform (2nd option)—Identity or existence questionable, location approximate	<u>_;_ \dot</u> \dot \dot \dot \dot \dot \dot \dot \dot	→ → → >	
5.6.13	Synform (2nd option)—Identity and existence certain, location inferred	\	1.5 mm -> ←	
5.6.14	Synform (2nd option)—Identity or existence questionable, location inferred	_ 	→	
5.6.15	Synform (2nd option)—Identity and existence certain, location concealed	\	.5 mm ≯ ≮	
5.6.16	Synform (2nd option)—Identity or existence questionable, location concealed	3 \$	→ ← → ← .75 mm .75 mm	

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

		5—FOLDS (Continu	cu)	
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
	5.7—Asymm	etric, overturned, and in	verted synclines	
5.7.1	Asymmetric syncline (1st option)—Identity and existence certain, location accurate. Beds are upright; shorter arrow on steeper limb	*	color 100% magenta lineweight 2.25 mm 40°/ 1.475 mm .25 mm HB-8	Place fold trace where axial surface of asymmetric syncline intersects
5.7.2	Asymmetric syncline (1st option)—Identity or existence questionable, location accurate. Beds are upright; shorter arrow on steeper limb		3.5 mm 3.5 mm 12.0 mm 12.0 mm	the ground surface. Place arrows at places along fold trace to indi-
5.7.3	Asymmetric syncline (1st option)—Identity and existence certain, location approximate. Beds are upright; shorter arrow on steeper limb	+	3.5 mm → 	cate overall fold type (asymmetric syncline); do not place at specific locality where observa-
5.7.4	Asymmetric syncline (1st option)—Identity or existence questionable, location approximate. Beds are upright; shorter arrow on steeper limb	_ ` ` , — `	→	tion was made. Arrowheads may be added to show direction
5.7.5	Asymmetric syncline (1st option)—Identity and existence certain, location inferred. Beds are upright; shorter arrow on steeper limb		1.5 mm → ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.7.6	Asymmetric syncline (1st option)—Identity or existence questionable, location inferred. Beds are upright; shorter arrow on steeper limb	- - -	→	option") symbols may be used to show a sec- ond generation or
5.7.7	Asymmetric syncline (1st option)—Identity and existence certain, location concealed. Beds are upright; shorter arrow on steeper limb	*	.5 mm ⇒ ←	another instance of a particular fold type. May also be shown in black or other colors.
5.7.8	Asymmetric syncline (1st option)—Identity or existence questionable, location concealed. Beds are upright; shorter arrow on steeper limb		→	black of other colors.
5.7.9	Asymmetric syncline (2nd option)—Identity and existence certain, location accurate. Beds are upright; shorter arrow on steeper limb		color 100% magenta lineweight 2.25 mm 40°/ 1.475 mm .25 mm HB-8	
5.7.10	Asymmetric syncline (2nd option)—Identity or existence questionable, location accurate. Beds are upright; shorter arrow on steeper limb		3.5 mm × .75 mm arrow lineweight × .2.0 mm	
5.7.11	Asymmetric syncline (2nd option)—Identity and existence certain, location approximate. Beds are upright; shorter arrow on steeper limb	—— * ——	3.5 mm → \epsilon	
5.7.12	Asymmetric syncline (2nd option)—Identity or existence questionable, location approximate. Beds are upright; shorter arrow on steeper limb	— \$ — \$ — \$	→	
5.7.13	Asymmetric syncline (2nd option)—Identity and existence certain, location inferred. Beds are upright; shorter arrow on steeper limb	\\	1.5 mm → ←	
5.7.14	Asymmetric syncline (2nd option)—Identity or existence questionable, location inferred. Beds are upright; shorter arrow on steeper limb	<u>-</u> <u>-</u>		
5.7.15	Asymmetric syncline (2nd option)—Identity and existence certain, location concealed. Beds are upright; shorter arrow on steeper limb		.5 mm ⇒ k- 	
5.7.16	Asymmetric syncline (2nd option)—Identity or existence questionable, location concealed. Beds are upright; shorter arrow on steeper limb	?	≯ - .75 mm .75 mm	
5.7.17	Overturned syncline (1st option)—Identity and existence certain, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs		2.275 mm color 100% magenta lineweight .25 mm HB-8	Place fold trace where axial surface of over-turned syncline inter-
5.7.18	Overturned syncline (1st option)—Identity or existence questionable, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs		1.0 mm radius 7.75 mm arrow lineweight 2.2 mm	sects the ground sur- face. Place arrows at places
5.7.19	Overturned syncline (1st option)—Identity and existence certain, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs		3.5 mm →	along fold trace to indi- cate overall fold type (overturned syncline); do not place at specific
5.7.20	Overturned syncline (1st option)—Identity or existence questionable, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs	_; ↑, _;_	-; \ 	locality where observa- tion was made. Arrowheads may be
5.7.21	Overturned syncline (1st option)—Identity and existence certain, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	\\	1.5 mm	added to show direction of plunge (see Section 5.10).
5.7.22	Overturned syncline (1st option)—Identity or existence questionable, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	<u>-</u>		Open-arrowed ("2nd option") symbols may be used to show a second generation or
5.7.23	Overturned syncline (1st option)—Identity and existence certain, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs		.5 mm → ←	ond generation or another instance of a particular fold type. May also be shown in
5.7.24	Overturned syncline (1st option)—Identity or existence questionable, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs		≯k ≯k .75 mm	black or other colors.

DEENO	DECODIDITION	5—FULDS (CONTINUE	,	NOTES ON LIGACE
REF NO	DESCRIPTION 5.7—Asymmetric	SYMBOL overturned, and inverted	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
	Overturned syncline (2nd option)—Identity and exis-	over turneu, and inverted		Place fold trace where
5.7.25	tence certain, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs	₩	2.275 mm color 100% magenta lineweight 40° 1.475 mm .25 mm HB-8	axial surface of over- turned syncline intersects the ground surface.
5.7.26	Overturned syncline (2nd option)—Identity or existence questionable, location accurate. Beds on one limb are overturned; arrows show dip direction of limbs	_? ∜∳ ? _	1.0 mm radius 7.75 mm arrow lineweight → 12.0 mm2 mm	Place arrows at places along fold trace to indi-
5.7.27	Overturned syncline (2nd option)—Identity and existence certain, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs	— —⋪4——	3.5 mm →	cate overall fold type (overturned syncline); do not place at specific locality where observa-
5.7.28	Overturned syncline (2nd option)—Identity or existence questionable, location approximate. Beds on one limb are overturned; arrows show dip direction of limbs	— <u>;</u> — ↓ ↓ — <u>;</u> —	→ ! — →!— →	tion was made. Arrowheads may be added to show direction
5.7.29	Overturned syncline (2nd option)—Identity and existence certain, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	₩	1.5 mm ⇒ ★	of plunge (see Section 5.10). Open-arrowed ("2nd
5.7.30	Overturned syncline (2nd option)—Identity or existence questionable, location inferred. Beds on one limb are overturned; arrows show dip direction of limbs	<u>-</u>	→	option") symbols may be used to show a sec- ond generation or
5.7.31	Overturned syncline (2nd option)—Identity and existence certain, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs		.5 mm ⇒ ←	another instance of a particular fold type. May also be shown in black or other colors.
5.7.32	Overturned syncline (2nd option)—Identity or existence questionable, location concealed. Beds on one limb are overturned; arrows show dip direction of limbs	?∜∜?	≯ ← ≯ ← .75 mm .75 mm	black of other colors.
5.7.33	Inverted syncline (1st option)—Identity and existence certain, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs	─ →	.875 mm radius color 100% magenta lineweight 40° 1.475 mm .25 mm	Place fold trace where axial surface of inverted syncline intersects the
5.7.34	Inverted syncline (1st option)—Identity or existence questionable, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs		2.25 mm → 12.0 mm 2.25 mm	ground surface. Place arrows at places along fold trace to indi- cate overall fold type
5.7.35	Inverted syncline (1st option)—Identity and existence certain, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs		3.5 mm → ←	(inverted syncline); do not place at specific locality where observa-
5.7.36	Inverted syncline (1st option)—Identity or existence questionable, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs	- ?─ - }-?-	→ ← ← ← mm 75.	tion was made. Arrowheads may be added to show direction
5.7.37	Inverted syncline (1st option)—Identity and existence certain, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs		1.5 mm →	of plunge (see Section 5.10). Open-arrowed ("2nd
5.7.38	Inverted syncline (1st option)—Identity or existence questionable, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs		. ↓	option") symbols may be used to show a sec- ond generation or another instance of a
5.7.39	Inverted syncline (1st option)—Identity and existence certain, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs	∱	.5 mm → - 	particular fold type. May also be shown in black or other colors.
5.7.40	Inverted syncline (1st option)—Identity or existence questionable, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs		. ↓	
5.7.41	Inverted syncline (2nd option)—Identity and existence certain, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs		.875 mm radius color 100% magenta lineweight .25 mm HB-8	
5.7.42	Inverted syncline (2nd option)—Identity or existence questionable, location accurate. Beds on both limbs are overturned; arrows show dip direction of limbs		2.25 mm X .75 mm arrow lineweight .2 mm	
5.7.43	Inverted syncline (2nd option)—Identity and existence certain, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs	pt	3.5 mm → ←	
5.7.44	Inverted syncline (2nd option)—Identity or existence questionable, location approximate. Beds on both limbs are overturned; arrows show dip direction of limbs	— ; —∳;—	→ - → - -75 mm .75 mm	
5.7.45	Inverted syncline (2nd option)—Identity and existence certain, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs		1.5 mm → ←	
5.7.46	Inverted syncline (2nd option)—Identity or existence questionable, location inferred. Beds on both limbs are overturned; arrows show dip direction of limbs		:	
5.7.47	Inverted syncline (2nd option)—Identity and existence certain, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs	·····-	.5 mm } 2 Ω ↑ . 2	
5.7.48	Inverted syncline (2nd option)—Identity or existence questionable, location concealed. Beds on both limbs are overturned; arrows show dip direction of limbs	?	≯ ← ≯ ← .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.8—Synformal sheath fo		
5.8.1	Synformal sheath fold (1st option)—Identity and existence certain, location accurate		color 100% magenta arrow lineweight .2 mm	Place fold trace where axial surface of synformal sheath fold inter-
5.8.2	Synformal sheath fold (1st option)—Identity or existence questionable, location accurate	-? > ?	lineweight 1.5 mm 7.5 mm 1.25 mm radius	sects the ground surface. Place arrows at places along fold trace to indi-
5.8.3	Synformal sheath fold (1st option)—Identity and existence certain, location approximate	>	3.5 mm → ←	cate overall fold type (synformal sheath fold); do not place at specific
5.8.4	Synformal sheath fold (1st option)—Identity or existence questionable, location approximate	-?>?-	→ ← → ← .75 mm	locality where observa- tion was made. Arrowheads may be
5.8.5	Synformal sheath fold (1st option)—Identity and existence certain, location inferred		1.5 mm ⇒ ←	added to show direction of plunge (see Section 5.10).
5.8.6	Synformal sheath fold (1st option)—Identity or existence questionable, location inferred		→	Open-arrowed ("2nd option") symbols may be used to show a second generation or
5.8.7	Synformal sheath fold (1st option)—Identity and existence certain, location concealed	·····	.5 mm ⇒ k	another instance of a particular fold type. May also be shown in
5.8.8	Synformal sheath fold (1st option)—Identity or existence questionable, location concealed		→	black or other colors.
5.8.9	Synformal sheath fold (2nd option)—Identity and existence certain, location accurate		color 100% magenta arrow lineweight .2 mm	
5.8.10	Synformal sheath fold (2nd option)—Identity or existence questionable, location accurate		lineweight 1.5 mm 1.25 mm 12.0 mm 1.25 mm radius	
5.8.11	Synformal sheath fold (2nd option)—Identity and existence certain, location approximate	<u></u>	3.5 mm → ←	
5.8.12	Synformal sheath fold (2nd option)—Identity or existence questionable, location approximate	— ; — <u>;</u> —	→ - - - - - - - - 	
5.8.13	Synformal sheath fold (2nd option)—Identity and existence certain, location inferred	\	1.5 mm ≯ ←	
5.8.14	Synformal sheath fold (2nd option)—Identity or existence questionable, location inferred	<u>\$</u> <u>\$</u>	→	
5.8.15	Synformal sheath fold (2nd option)—Identity and existence certain, location concealed		.5 mm → k	
5.8.16	Synformal sheath fold (2nd option)—Identity or existence questionable, location concealed	3	→ k → k .75 mm .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
. ILI INO	DESCRIPTION	5.9—Monoclines	STATIONITY THOUSE EDITION TONS	NOTES ON SOAGE
5.9.1	Monocline (1st option)—Identity and existence certain, location accurate. Arrow shows direction of dip		arrow lineweight color 100% magenta .2 mm 40° 1.475 mm 4B-8	Use to show monocline whose anticlinal and synclinal bends are too
5.9.2	Monocline (1st option)—Identity or existence questionable, location accurate. Arrow shows direction of dip	-? † ?-	mm	close together at map scale to show as sepa- rate fold traces.
5.9.3	Monocline (1st option)—Identity and existence certain, location approximate. Arrow shows direction of dip		3.5 mm → ★	Place fold trace where dip of surface connect- ing anticlinal and syncli- nal bends is at its maxi-
5.9.4	Monocline (1st option)—Identity or existence questionable, location approximate. Arrow shows direction of dip	_ - <u>\$</u> _ † <u>\$</u>		mum angle. Place arrow at places along fold trace to indi-
5.9.5	Monocline (1st option)—Identity and existence certain, location inferred. Arrow shows direction of dip		1.5 mm → ←	cate overall fold type (monocline); do not place at specific locality
5.9.6	Monocline (1st option)—Identity or existence questionable, location inferred. Arrow shows direction of dip	?	→ k → k .75 mm .75 mm	where observation was made. Arrowheads may be added to show direction
5.9.7	Monocline (1st option)—Identity and existence certain, location concealed. Arrow shows direction of dip		.5 mm ≯ ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.9.8	Monocline (1st option)—Identity or existence questionable, location concealed. Arrow shows direction of dip		≯k ≯k .75 mm .75 mm	option") symbols may be used to show a sec- ond generation or
5.9.9	Monocline (2nd option)—Identity and existence certain, location accurate. Arrow shows direction of dip	<u></u>	arrow lineweight color 100% magenta .2 mm 40° 1.475 mm V HB-8	another instance of a particular fold type. May also be shown in
5.9.10	Monocline (2nd option)—Identity or existence questionable, location accurate. Arrow shows direction of dip		mm	black or other colors.
5.9.11	Monocline (2nd option)—Identity and existence certain, location approximate. Arrow shows direction of dip		3.5 mm → ★	
5.9.12	Monocline (2nd option)—Identity or existence questionable, location approximate. Arrow shows direction of dip		≯ ← ≯ ← .75 mm	
5.9.13	Monocline (2nd option)—Identity and existence certain, location inferred. Arrow shows direction of dip		1.5 mm → ← 	
5.9.14	Monocline (2nd option)—Identity or existence questionable, location inferred. Arrow shows direction of dip		커는 커는 .75 mm .75 mm	
5.9.15	Monocline (2nd option)—Identity and existence certain, location concealed. Arrow shows direction of dip		.5 mm ★- 3	
5.9.16	Monocline (2nd option)—Identity or existence questionable, location concealed. Arrow shows direction of dip		→ - .75 mm .75 mm	
5.9.17	Monocline, anticlinal bend (1st option)—Identity and existence certain, location accurate. Arrows show direction of dip; shorter arrow on steeper limb	†	lineweight 2.25 mm 40° 1.475 mm .25 mm HB-8	Place fold trace where axial surface of anticlinal bend of monocline inter- sects the ground surface.
5.9.18	Monocline, anticlinal bend (1st option)—Identity or existence questionable, location accurate. Arrows show direction of dip; shorter arrow on steeper limb		3.5 mm 7 7 7.75 mm arrow lineweight 2.0 mm 2.2 mm	Place arrows at places along fold trace to indicate overall fold type
5.9.19	Monocline, anticlinal bend (1st option)—Identity and existence certain, location approximate. Arrows show direction of dip; shorter arrow on steeper limb		3.5 mm →	(anticlinal bend of mono- cline); do not place at specific locality where
5.9.20	Monocline, anticlinal bend (1st option)—Identity or existence questionable, location approximate. Arrows show direction of dip; shorter arrow on steeper limb		.↑ 	observation was made. Arrowheads may be added to show direction
5.9.21	Monocline, anticlinal bend (1st option)—Identity and existence certain, location inferred. Arrows show direction of dip; shorter arrow on steeper limb	-	1.5 mm > k 	of plunge (see Section 5.10). Open-arrowed ("2nd
5.9.22	Monocline, anticlinal bend (1st option)—Identity or existence questionable, location inferred. Arrows show direction of dip; shorter arrow on steeper limb	-	≯ ← 	option") symbols may be used to show a sec- ond generation or another instance of a
5.9.23	Monocline, anticlinal bend (1st option)—Identity and existence certain, location concealed. Arrows show direction of dip; shorter arrow on steeper limb		.5 mm ⇒ <	particular fold type. May also be shown in black or other colors.
5.9.24	Monocline, anticlinal bend (1st option)—Identity or existence questionable, location concealed. Arrows show direction of dip; shorter arrow on steeper limb		≯k- ≯k- .75 mm .75 mm	

DEE : : :	25020:-5:-	5—FOLDS (continue	1	NOTES STATES
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.9—Monoclines (continu	. '	I=
5.9.25	Monocline, anticlinal bend (2nd option)—Identity and existence certain, location accurate. Arrows show direction of dip; shorter arrow on steeper limb		color 100% magenta lineweight 2.25 mm 40° 1.475 mm .25 mm HB-8	Place fold trace where axial surface of anticlinal bend of monocline inter-
5.9.26	Monocline, anticlinal bend (2nd option)—Identity or existence questionable, location accurate. Arrows show direction of dip; shorter arrow on steeper limb	? † ?—	3.5 mm 3.5 mm 3.5 mm 3.5 mm 3.75 mm 4 arrow lineweight 2 mm	sects the ground surface. Place arrows at places along fold trace to indi-
5.9.27	Monocline, anticlinal bend (2nd option)—Identity and existence certain, location approximate. Arrows show direction of dip; shorter arrow on steeper limb	 †	3.5 mm -> \(\begin{align*} \	cate overall fold type (anticlinal bend of mono- cline); do not place at specific locality where
5.9.28	Monocline, anticlinal bend (2nd option)—Identity or existence questionable, location approximate. Arrows show direction of dip; shorter arrow on steeper limb	— \$ — \$ — \$	→	observation was made. Arrowheads may be added to show direction
5.9.29	Monocline, anticlinal bend (2nd option)—Identity and existence certain, location inferred. Arrows show direction of dip; shorter arrow on steeper limb	-	1.5 mm → ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.9.30	Monocline, anticlinal bend (2nd option)—Identity or existence questionable, location inferred. Arrows show direction of dip; shorter arrow on steeper limb	? } ?	→	option") symbols may be used to show a sec- ond generation or another instance of a
5.9.31	Monocline, anticlinal bend (2nd option)—Identity and existence certain, location concealed. Arrows show direction of dip; shorter arrow on steeper limb		.5 mm →	particular fold type. May also be shown in black or other colors.
5.9.32	Monocline, anticlinal bend (2nd option)—Identity or existence questionable, location concealed. Arrows show direction of dip; shorter arrow on steeper limb		≯ -	Shack of outer colore.
5.9.33	Monocline, synclinal bend (1st option)—Identity and existence certain, location accurate. Arrows show direction of dip; shorter arrow on steeper limb		lineweight .25 mm 40° color 100% magenta	Place fold trace where axial surface of synclinal bend of monocline inter-
5.9.34	Monocline, synclinal bend (1st option)—Identity or existence questionable, location accurate. Arrows show direction of dip; shorter arrow on steeper limb		2.25 mm → 12.0 mm ← .2 mm	sects the ground surface. Place arrows at places along fold trace to indi-
5.9.35	Monocline, synclinal bend (1st option)—Identity and existence certain, location approximate. Arrows show direction of dip; shorter arrow on steeper limb	‡	3.5 mm → ←	cate overall fold type (synclinal bend of mono- cline); do not place at specific locality where
5.9.36	Monocline, synclinal bend (1st option)—Identity or existence questionable, location approximate. Arrows show direction of dip; shorter arrow on steeper limb	— ? — † — ? —	→ - -> - -75 mm .75 mm	observation was made. Arrowheads may be added to show direction
5.9.37	Monocline, synclinal bend (1st option)—Identity and existence certain, location inferred. Arrows show direction of dip; shorter arrow on steeper limb		1.5 mm → ←	of plunge (see Section 5.10). Open-arrowed ("2nd
5.9.38	Monocline, synclinal bend (1st option)—Identity or existence questionable, location inferred. Arrows show direction of dip; shorter arrow on steeper limb		→ k → k .75 mm .75 mm	option") symbols may be used to show a sec- ond generation or another instance of a
5.9.39	Monocline, synclinal bend (1st option)—Identity and existence certain, location concealed. Arrows show direction of dip; shorter arrow on steeper limb		.5 mm → <	particular fold type. May also be shown in black or other colors.
5.9.40	Monocline, synclinal bend (1st option)—Identity or existence questionable, location concealed. Arrows show direction of dip; shorter arrow on steeper limb	2	≯k ≯k .75 mm .75 mm	
5.9.41	Monocline, synclinal bend (2nd option)—Identity and existence certain, location accurate. Arrows show direction of dip; shorter arrow on steeper limb		lineweight .25 mm 40° color 100% magenta 1.475 mm HB-8	
5.9.42	Monocline, synclinal bend (2nd option)—Identity or existence questionable, location accurate. Arrows show direction of dip; shorter arrow on steeper limb	-? ; -	2.25 mm arrow lineweight	
5.9.43	Monocline, synclinal bend (2nd option)—Identity and existence certain, location approximate. Arrows show direction of dip; shorter arrow on steeper limb		3.5 mm ⇒ ←	
5.9.44	Monocline, synclinal bend (2nd option)—Identity or existence questionable, location approximate. Arrows show direction of dip; shorter arrow on steeper limb	— ? — ↑ — <u>?</u> —	→	
5.9.45	Monocline, synclinal bend (2nd option)—Identity and existence certain, location inferred. Arrows show direction of dip; shorter arrow on steeper limb		1.5 mm	
5.9.46	Monocline, synclinal bend (2nd option)—Identity or existence questionable, location inferred. Arrows show direction of dip; shorter arrow on steeper limb	? \ \frac{\dagger}{4} ?		
5.9.47	Monocline, synclinal bend (2nd option)—Identity and existence certain, location concealed. Arrows show direction of dip; shorter arrow on steeper limb		.5 mm ≯ ←	
5.9.48	Monocline, synclinal bend (2nd option)—Identity or existence questionable, location concealed. Arrows show direction of dip; shorter arrow on steeper limb		≯k →k .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*				
5.10—Line-symbol decorations and notations for folds								
5.10.1	Fold having inclined axial surface (1st option)—Tick shows dip value and direction	35	mm; lineweight	Although only shown here on anticlines, line- symbol decorations and				
5.10.2	Fold having inclined axial surface (2nd option)— Tick shows dip value and direction	15	HI-6 (100% black) 15 tick length 1.375 .875 mm 15 tick length 1.375 .875 mm 15 tick length 1.375 .175 mm; color 300 magenta	notations may be added to any type or style of fold.				
5.10.3	Fold having vertical or near-vertical axial surface (1st option)		tick length 2.5 mm; lineweight ↓ .175 mm; color 100% magenta	Add arrowhead or '90' to ticks showing dip if necessary for clarity. Place where observa-				
5.10.4	Fold having vertical or near-vertical axial surface (2nd option)	90	HI-6 (100% black) >90	tion was made.				
5.10.5	Plunging anticline—Large arrowhead shows direction of plunge	*	1.5 mm	Although only shown here on anticlines and synclines, line-symbol				
5.10.6	Doubly plunging anticline	+ + + + + + + + + + + + + + + + + + + 	1.5 mm	decorations and notations may be added to any type or style of fold. Place arrowhead(s)				
5.10.7	Plunging syncline—Large arrowhead shows direction of plunge	*	1.5 mm → K color 100% magenta	showing plunge at end(s) of, or along, any type or style of fold to				
5.10.8	Doubly plunging syncline	***	1.5 mm → K color 100% magenta	indicate general plunge direction(s); do not add plunge angle.				
5.10.9	Fold having near-vertical fold limbs—Half-circle shows direction of closure		radius 1.25 mm; lineweight 2 mm; color 100% magenta	Although only shown here on anticlines and synclines, line-symbol				
5.10.10	Crest line (CL) of fold where it diverges from axial surface of anticline	<u> </u>	H-7 C dash length 2.0 mm; line and text color spacing 5.5 mm; 100% magenta lineweight 2.2 mm	decorations and notations may be added to any type or style of fold.				
5.10.11	Trough line (TL) of fold where it diverges from axial surface of syncline	<u> </u>	H-7 dash length 2.0 min; line and text color spacing .5 mm; 100% magenta lineweight .2 mm					
5.10.12	Fold—Showing name	PIKE ANTICLINE	PIKE ANTICLINE Lext color 100% magenta	Letter size or spacing may be increased on longer fold segments.				

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

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
TILI NO	DEGGIII HON	5.11—Small, minor fold		NOTES ON SOAGE
		orri oman, minor rola	color 100% crossbar lineweight .25 mm	Use when beds are too
5.11.1	Small, minor fold, horizontal axial surface	\oplus	magenta circle diameter 3.0 mm; lineweight .2 mm	tightly folded to show traces of individual folds
5.11.2	Small, minor dome		color 100% magenta 5.5 mm 1.475 mm	or when small, minor folds are observed in outcrop but cannot be traced away from that
5.11.3	Small, minor basin	**	color 100% magenta 5.5 mm lineweight .2 mm	outcrop. Open-arrowed ("2nd option") symbols may
5.11.4	Small, minor anticline, vertical or near-vertical axial surface (1st option)—Showing strike	+	color 2.75 mm $4\sqrt{40^\circ}$ arrow lineweight 100% 2 mm agenta 6.0 1.475 mm lineweight .25 mm	be used to show a sec- ond generation or another instance of a
5.11.5	Small, minor anticline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) → 35 tick length 1.75	particular fold type. May also be shown in black or other colors.
5.11.6	Small, minor anticline, vertical or near-vertical axial surface (2nd option)—Showing strike	-	color 2.75 mm \downarrow \lor 40°—arrow lineweight 100% 2 mm magenta 4 6.0 1.475 mm 1.475 mm 2.75 mm \uparrow lineweight .25 mm	
5.11.7	Small, minor anticline, inclined axial surface (2nd option)—Showing strike and dip	35	HI-6 (100% black) → 35 tick length 1.75	
5.11.8	Small, minor antiform, vertical or near-vertical axial surface (1st option)—Showing strike	+	color 2.75 mm ± 60° arrow lineweight 100% 2.75 mm 1.475 mm 1.475 mm 2.75 mm 1 lineweight .25 mm	
5.11.9	Small, minor antiform, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) → 35 tick length 1.75 → mm; lineweight 2 mm; color → 9.0 mm № 100% magenta	
5.11.10	Small, minor antiform, vertical or near-vertical axial surface (2nd option)—Showing strike	-	color 2.75 mm \$\frac{160^{\circ}}{100^{\circ}}\$ arrow lineweight 2 mm magenta 2.75 mm \frac{1.475 mm}{1.475 mm} \frac{1.475 mm}{1.475 mm}	
5.11.11	Small, minor antiform, inclined axial surface (2nd option)—Showing strike and dip	→ 35 → ↓	HI-6 (100% black) → 35 tick length 1.75 → Imm; lineweight 2 mm; color ≥ 9.0 mm № 100% magenta	
5.11.12	Small, minor asymmetric anticline, vertical or near- vertical axial surface (1st option)—Showing strike		color 2.25 mm V40°—arrow lineweight 100% 2 mm magenta 6.0 1.475 mm	
5.11.13	Small, minor asymmetric anticline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 9.0 mm; lineweight 2 mm; color 100% magenta	
5.11.14	Small, minor asymmetric anticline, vertical or near- vertical axial surface (2nd option)—Showing strike	-	color 2.25 mm V40° arrow lineweight 100% 2.25 mm L475 mm 1.475 mm lineweight .25 mm	
5.11.15	Small, minor asymmetric anticline, inclined axial surface (2nd option)—Showing strike and dip	35 V	HI-6 (100% black) 35 tick length 1.75 9.0 2 mm; lineweight 100% magenta	
5.11.16	Small, minor overturned anticline, vertical or near- vertical axial surface (1st option)—Showing strike	<u> </u>	color 2.275 mm \dv40^ arrow lineweight 100% 1.0 mm 1.0 mm 1.475 mm 6.0 mm	
5.11.17	Small, minor overturned anticline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2 mm; color ≥ 9.0 mm № 100% magenta	
5.11.18	Small, minor overturned anticline, vertical or near- vertical axial surface (2nd option)—Showing strike	<u></u>	color 2.275 mm \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
5.11.19	Small, minor overturned anticline, inclined axial surface (2nd option)—Showing strike and dip	35 	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2 mm; color ≥ 9.0 mm № 100% magenta	
5.11.20	Small, minor inverted anticline, vertical or near- vertical axial surface (1st option)—Showing strike	₩	color .875 mm 40/ arrow lineweight 100% radius radius .2 mm magenta 4.6.0 1.475 mm lineweight .25 mm	
5.11.21	Small, minor inverted anticline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2 mm; color ≥ 9.0 mm № 100% magenta	
5.11.22	Small, minor inverted anticline, vertical or near- vertical axial surface (2nd option)—Showing strike	₩	color .875 mm .40// arrow lineweight .2 mm magenta .7 6.0 .1.475 mm lineweight .25 mm	
5.11.23	Small, minor inverted anticline, inclined axial surface (2nd option)—Showing strike and dip	35	HI-6 (100% black) → 35 tick length 1.75 mm; lineweight 2 nm; color ⇒ 9.0 mm № 100% magenta	

	5—FOLDS (continued)							
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*				
	5.11	—Small, minor folds (co						
5.11.24	Small, minor syncline, vertical or near-vertical axial surface (1st option)—Showing strike	*	magenta	Use when beds are too tightly folded to show traces of individual folds				
5.11.25	Small, minor syncline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) →35 tick length 1.75 	or when small, minor folds are observed in outcrop but cannot be traced away from that				
5.11.26	Small, minor syncline, vertical or near-vertical axial surface (2nd option)—Showing strike	- \ \ \ \ \	color 2.75 mm $\sqrt[40]$ arrow lineweight 100% 4 6.0 1.475 mm 2.75 mm 1 lineweight .25 mm	outcrop. Open-arrowed ("2nd option") symbols may				
5.11.27	Small, minor syncline, inclined axial surface (2nd option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2 mm; color 100% magenta	be used to show a sec- ond generation or another instance of a				
5.11.28	Small, minor synform, vertical or near-vertical axial surface (1st option)—Showing strike	*	color 100% 2.75 mm \(\int 60\) arrow lineweight 2 mm agenta 2.75 mm \(\int 6.0\) lineweight .25 mm	particular fold type. May also be shown in black or other colors.				
5.11.29	Small, minor synform, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2 mm; color 100% magenta					
5.11.30	Small, minor synform, vertical or near-vertical axial surface (2nd option)—Showing strike	- \frac{\frac{1}{2}}{\frac{1}{2}}	color 1.75 mm 2.75 mm					
5.11.31	Small, minor synform, inclined axial surface (2nd option)—Showing strike and dip	35	HI-6 (100% black) → 35 tick length 1.75 → ← mm; lineweight 1.75 → 2 mm; color → 2 mm tolor 100% magenta					
5.11.32	Small, minor asymmetric syncline, vertical or near- vertical axial surface (1st option)—Showing strike	*	color 2.25 mm \(\frac{407}{100\%} \) arrow lineweight 100% \(\frac{2}{1}\) mm agenta \(\frac{6.0}{4}\) \(\frac{1.475}{1}\) mm \(\frac{1.475}{1}\)					
5.11.33	Small, minor asymmetric syncline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2.2 mm; color 100% magenta					
5.11.34	Small, minor asymmetric syncline, vertical or near- vertical axial surface (2nd option)—Showing strike	- \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	color 2.25 mm 407 arrow lineweight 2 mm magenta 6.0 1.475 mm lineweight .25 mm					
5.11.35	Small, minor asymmetric syncline, inclined axial surface (2nd option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2.2 mm; color 100% magenta					
5.11.36	Small, minor overturned syncline, vertical or near- vertical axial surface (1st option)—Showing strike	**	color 2.275 mm (40) arrow lineweight 100% 1.0 mm 2 mm 1.475 mm 6.0 mm					
5.11.37	Small, minor overturned syncline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2.2 mm; color 39.0 mm № 100% magenta					
5.11.38	Small, minor overturned syncline, vertical or near- vertical axial surface (2nd option)—Showing strike	<u>_</u> ₩	color 2.275 mm 407 arrow lineweight 100% 1.0 mm 2 mm radius 1.475 mm lineweight .25 mm					
5.11.39	Small, minor overturned syncline, inclined axial surface (2nd option)—Showing strike and dip	35	HI-6 (100% black) → 35 tick length 1.75 mm; lineweight 2 mm; color ⇒ 9.0 mm № 100% magenta					
5.11.40	Small, minor inverted syncline, vertical or near- vertical axial surface (1st option)—Showing strike	₩	color 100% .875 mm \40° -arrow lineweight .2 mm nagenta 2.25 mm lineweight .25 mm					
5.11.41	Small, minor inverted syncline, inclined axial surface (1st option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 mm; lineweight 2.2 mm; color ≥ 9.0 mm № 100% magenta					
5.11.42	Small, minor inverted syncline, vertical or near- vertical axial surface (2nd option)—Showing strike	₩	color 100% 875 mm \407—arrow lineweight 100% radius 2 mm 1.475 mm 2.25 mm 1.475 mm					
5.11.43	Small, minor inverted syncline, inclined axial surface (2nd option)—Showing strike and dip	→ 35	HI-6 (100% black) → 35 tick length 1.75 mm; lineweight 2.2 mm; color → 9.0 mm № 100% magenta					