5-FOLDS

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
	2 - 2 - 3 - 11 - 11 - 11 - 11 - 11 - 11	5.1 – Anticlines		
5.1.1	Anticline (1st option)—Identity and existence certain, location accurate		arrow lineweight color 100% magenta .2 mm 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 ⇒ ←	(anticline); do not place at specific locality where observation was
5.1.4	Anticline (1st option)—Identity or existence questionable, location approximate	_ . .	→ → - 75 mm	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 op-
5.1.6	Anticline (1st option)—Identity or existence questionable, location inferred		. ↓	tion") symbols may be used to show a second generation or another instance of a particular
5.1.7	Anticline (1st option)—Identity and existence certain, location concealed		.5 mm ≯l←	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	
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	— <u>;</u> — † — <u>;</u> —	→	
5.1.13	Anticline (2nd option)—Identity and existence certain, location inferred		1.5 mm → ←	
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 ≱k	
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° 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 /	surface. Place arrows at places along fold trace to indicate 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	— \$ —‡— \$	→ ← → ← .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 → ←	of plunge (see Section 5.10). Open-arrowed ("2nd op-
5.2.6	Antiform (1st option)—Identity or existence questionable, location inferred		→	tion") symbols may be used to show a second generation or another instance of a particular
5.2.7	Antiform (1st option)—Identity and existence certain, location concealed		.5 mm → <	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	<u></u>	arrow lineweight color 100% magenta 60° HB-8	
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	— . — ‡ —;—	→	
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 ≯ < 2↑2	
5.2.16	Antiform (2nd option)—Identity or existence questionable, location concealed		→ ← → ← .75 mm .75 mm	

DEF		5-FOLDS (continue	, , , , , , , , , , , , , , , , , , ,	NOTES OF THE ST
REF NO	DESCRIPTION	SYMBOL and in	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
	· .	etric, overturned, and inv	î	
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 25 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 surface. Place arrows at places
5.3.3	Asymmetric anticline (1st option)—Identity and existence certain, location approximate. Beds are upright; shorter arrow on steeper limb		3.5 mm → k-	along fold trace to indi- 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	_ ` ` `	→	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		→ ← → ← → ← .75 mm .75 mm	Open-arrowed ("2nd option") symbols may be used to show a second
5.3.7	Asymmetric anticline (1st option)—Identity and existence certain, location concealed. Beds are upright; shorter arrow on steeper limb		.5 mm ≯k-	generation or another instance of a particular fold type.
5.3.8	Asymmetric anticline (1st option)—Identity or existence questionable, location concealed. Beds are upright; shorter arrow on steeper limb		→ - -75 mm .75 mm	May also be shown in 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 40° 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 7 7.75 mm arrow lineweight 2.2 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 → -	
5.3.16	Asymmetric anticline (2nd option) — Identity or existence questionable, location concealed. Beds are upright; shorter arrow on steeper limb		.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 1.475 mm .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 > 12.0 mm2 mm	the ground surface. Place arrows at places along fold trace to indi- cate overall fold type
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 ⇒ ★ — 2 — ↑↑ — 2	(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	— <u>\$</u> — \$	→ - → - -75 mm .75 mm	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 op-
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	<u>-</u>	:	tion") symbols may be used to show a second generation or another instance of a particular
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 ⇒ k	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		 - - - - - - - - - - - -	2. 34.5. 30.013.

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
TILI NO		overturned, and inverted		NOTES ON SOME
5.3.25	Overturned anticline (2nd 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 1.475 mm .25 mm HB-8	Place fold trace where axial surface of over- turned anticline intersects
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 2.0 mm 2.2 mm	the ground surface. Place arrows at places along fold trace to indi-
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 -> +	cate overall fold type (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	_ ?_ () _?_	→ ← → : → ← → ← .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 op-
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	- -3. - \$ \$!	tion") symbols may be used to show a second generation or another
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	1 .	.5 mm ≯k-	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		→ ← → ← .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		lineweight 25 mm adius color 100% magenta 40° 1.475 mm 48-8	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 arrow lineweight 12.0 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 lo- cality where observation
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	_ ` -\$\$	→ ← → ← .75 mm	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 op-
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		→ k	tion") symbols may be used to show a second generation or another instance of a particular
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	······	.5 mm → <	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	?	≯k ≯k .75 mm .75 mm	Diagnosi Gridis Goldini
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		lineweight .25 mm .25 m	
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	— <u>;</u> —,÷—;—		
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			
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	? Ş [†] ?	k k .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.4—Antiformal sheath f	olds	
5.4.1	Antiformal sheath fold (1st option)—Identity and existence certain, location accurate	->-	lineweight 1.5 mm HB-8	Place fold trace where axial surface of antifor- mal sheath fold inter- sects the ground sur-
5.4.2	Antiformal sheath fold (1st option)—Identity or existence questionable, location accurate		73 K 50° 1.475 mm 12.0 mm 1.25 mm radius	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	;‡ <u>-</u> -;-	→ ← → ← .75 mm	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 → 	added to show direction of plunge (see Section 5.10).
5.4.6	Antiformal sheath fold (1st option)—Identity or existence questionable, location inferred		→	Open-arrowed ("2nd op- tion") symbols may be used to show a second generation or another
5.4.7	Antiformal sheath fold (1st option)—Identity and existence certain, location concealed		.5 mm ≱⊭	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\$. → 	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 .25 mm HB-8	
5.4.10	Antiformal sheath fold (2nd option)—Identity or existence questionable, location accurate	_ <u>;</u>	→	
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	— ; —— ; —	→	
5.4.13	Antiformal sheath fold (2nd option)—Identity and existence certain, location inferred	\$>	1.5 mm → k-	
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 → - 2 4 2	
5.4.16	Antiformal sheath fold (2nd option)—Identity or existence questionable, location concealed	\$\$	→ k- → k- .75 mm .75 mm	

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.5-Synclines		
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 ★ 7.75 mm 2.725 mm → 12.0 mm ★ 1.475 mm	surface. Place arrows at places along fold trace to indi- cate overall fold type
5.5.3	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 op-
5.5.6	Syncline (1st option)—Identity or existence questionable, location inferred	- -	→	tion") symbols may be used to show a second generation or another instance of a particular
5.5.7	Syncline (1st option)—Identity and existence certain, location concealed	 	.5 mm → k	fold type. May also be shown in black or other colors.
5.5.8	Syncline (1st option)—Identity or existence questionable, location concealed	?	⇒ k → k .75 mm .75 mm	Static of the state of the stat
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	3 	lineweight	
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	— <u>\$</u> —\$—	→ → ← → ← .75 mm	
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	; ^{\d} / _{\dagger} ;	→	
5.5.15	Syncline (2nd option)—Identity and existence certain, location concealed	 	.5 mm ≯ ←	
5.5.16	Syncline (2nd option)—Identity or existence questionable, location concealed		≯k →k .75 mm .75 mm	

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	Place fold trace where axial surface of synform intersects the ground
5.6.2	Synform (1st option)—Identity or existence questionable, location accurate		lineweight / 1,25 mm / 12.0 mm ← 1.475 mm	surface. Place arrows at places along fold trace to indicate 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	— \$ —— \$		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 op-
5.6.6	Synform (1st option)—Identity or existence questionable, location inferred		→ k	tion") symbols may be used to show a second generation or another instance of a particular
5.6.7	Synform (1st option)—Identity and existence certain, location concealed	·	.5 mm ⇒ k-	fold type. May also be shown in black or other colors.
5.6.8	Synform (1st option)—Identity or existence questionable, location concealed		⇒ k → k .75 mm .75 mm	
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	
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	— ' — \	→	
5.6.13	Synform (2nd option)—Identity and existence certain, location inferred		1.5 mm → k-	
5.6.14	Synform (2nd option)—Identity or existence questionable, location inferred	? \dot\dot\dot\		
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	?	→ ← → ← .75 mm .75 mm	

		5—FOLDS (continu	,	
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
	5.7—Asymm	etric, overturned, and in		
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 asym- metric syncline intersects the ground surface
5.7.2	Asymmetric syncline (1st option)—Identity or existence questionable, location accurate. Beds are upright; shorter arrow on steeper limb		3.5 mm **.75 mm arrow lineweight **.2 mm	the ground surface. Place arrows at places along fold trace to indi- cate overall fold type
5.7.3	Asymmetric syncline (1st option)—Identity and existence certain, location approximate. Beds are upright; shorter arrow on steeper limb	+	3.5 mm ⇒ ★	(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 op-
5.7.6	Asymmetric syncline (1st option)—Identity or existence questionable, location inferred. Beds are upright; shorter arrow on steeper limb		→	tion") symbols may be used to show a second generation or another
5.7.7	Asymmetric syncline (1st option)—Identity and existence certain, location concealed. Beds are upright; shorter arrow on steeper limb	*	.5 mm → <	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	\$	≯ ← ≯ ← .75 mm	PIRON OF OTHER CORDIS.
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 40°/ 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 → \←	
5.7.12	Asymmetric syncline (2nd option)—Identity or existence questionable, location approximate. Beds are upright; shorter arrow on steeper limb	— <u>;</u> — \ \ \ \ ;	→ 	
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	. * .	→ → → → → → → → → → → → → → → → → → →	
5.7.15	Asymmetric syncline (2nd option)—Identity and existence certain, location concealed. Beds are upright; shorter arrow on steeper limb	·	.5 mm ≯k- 2\.\.\3	
5.7.16	Asymmetric syncline (2nd option)—Identity or existence questionable, location concealed. Beds are upright; shorter arrow on steeper limb		→	
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 40° 1.475 mm .25 mm	Place fold trace where axial surface of over-turned syncline intersects
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 2.0 mm 2.2 mm	the ground surface. Place arrows at places along fold trace to indi- cate overall fold type
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 ⇒ ←	(overturned syncline); do not place at specific locality where observa-
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	_; <u>∤</u> _;_	→	tion was made. Arrowheads may be added to show direction
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	of plunge (see Section 5.10). Open-arrowed ("2nd op-
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		→	tion") symbols may be used to show a second generation or another instance of a particular
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 ⇒ ←	instance of a particular fold type. May also be shown in black or other colors.
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	ELGON OF OUTOF COLOTS.

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
TEI NO		overturned, and inverted		NOTES ON USAGE
5.7.25	Overturned syncline (2nd 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 40° 1.475 mm	Place fold trace where axial surface of over-turned syncline intersects
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 1.0 mm radius 12.0 mm 12.0 mm	the ground surface. 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	\	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> → <u></u> { — <u>{</u> — <u>{</u> — <u>{</u> — <u>{</u> — <u>{</u> — <u>{</u> — .75 mm	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 op-
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	- -	→	tion") symbols may be used to show a second generation or another
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 ⇒ ←	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			Z.aux of outlot outlots.
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 .25 mm HB-8	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 → .75 mm arrow lineweight → 12.0 mm ← .2 mm	ground surface. Place arrows at places along fold trace to indi-
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	\psi	3.5 mm → ★	cate overall fold type (inverted syncline); do not place at specific lo- cality where observation
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	_ <u>-</u> <u>-</u> <u>-</u>	→ - → - - → - → - - 75 mm .75 mm	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 op-
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		→	tion") symbols may be used to show a second generation or another instance of a particular
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 → -	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		k k .75 mm	3.13. 30000
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		lineweight .25 mm radius color 100% magenta 40° 1.475 mm .45 mm	
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 → .75 mm arrow lineweight → 12.0 mm -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		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	_ ` ` `	→	
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		75 mm .75 mm	
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	·······Ð-·····	.5 mm ⇒ ←	
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		≯k ≯k .75 mm	

	5—FOLDS (Continued)					
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*		
		5.8—Synformal sheath fo	olds			
5.8.1	Synformal sheath fold (1st option)—Identity and existence certain, location accurate		1.475 mm → ← HB-8	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 .25 mm 1.5 mm 1.25 mm radius	sects the ground sur- face. 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	-; - ;-	→ k .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		→ k → k .75 mm .75 mm	Open-arrowed ("2nd option") symbols may be used to show a second generation or another		
5.8.7	Synformal sheath fold (1st option)—Identity and existence certain, location concealed		.5 mm → ←	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		∃k ∃k .75 mm .75 mm	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 1.475 mm HB-8			
5.8.10	Synformal sheath fold (2nd option)—Identity or existence questionable, location accurate		lineweight			
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	— ; —	→ ← → ← -75 mm			
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>	→			
5.8.15	Synformal sheath fold (2nd option)—Identity and existence certain, location concealed		.5 mm → ←			
5.8.16	Synformal sheath fold (2nd option)—Identity or existence questionable, location concealed		→ → ← → ← .75 mm			

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
		5.9-Monoclines		
5.9.1	Monocline (1st option)—Identity and existence certain, location accurate. Arrow shows direction of dip		arrow lineweight 2 mm 40° 1.475 mm 40° 1.475 mm 40° 1.475 mm 40° 40° 40° 40° 40° 40° 40° 40° 40° 40°	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 → k-	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> — † —;	→	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		→	where observation was made. Arrowheads may be
5.9.7	Monocline (1st option)—Identity and existence certain, location concealed. Arrow shows direction of dip		.5 mm ≯l←	added to show direction of plunge (see Section 5.10). Open-arrowed ("2nd op-
5.9.8	Monocline (1st option)—Identity or existence questionable, location concealed. Arrow shows direction of dip		→ ← → ← .75 mm .75 mm	tion") symbols may be used to show a second generation or another
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 + 5.0 40° 1.475 mm HB-8	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 .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	.	→ k → k .75 mm .75 mm	
5.9.15	Monocline (2nd option)—Identity and existence certain, location concealed. Arrow shows direction of dip		.5 mm 	
5.9.16	Monocline (2nd option)—Identity or existence questionable, location concealed. Arrow shows direction of dip		→	
5.9.17	Monocline, anticlinal bend (1st 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 40° HB-8	axial surface of anticlinal bend of monocline inter-
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 - 3.5 mm - 3.5 mm - 3.2 mm - 3.2 mm	sects the ground surface. Place arrows at places along fold trace to indi- cate 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 op-
5.9.22	Monocline, anticlinal bend (1st option)—Identity or existence questionable, location inferred. Arrows show direction of dip; shorter arrow on steeper limb	? † - -?- -	→ → → → → → → → → → → → → → → → → → →	tion") symbols may be used to show a second generation or another instance of a particular
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 → - 	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	3.00.00.00.00.00.00.00.00.00.00.00.00.00

DEE NO	DESCRIPTION	5—FOLDS (CONTINU	1	NOTES ON USAGE*
REF NO	DESCRIPTION	SYMBOL 5.9—Monoclines (continu	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE
	Monocline, anticlinal bend (2nd option)—Identity	5.5—Monocinies (contini	color 100% magenta	Place fold trace where
5.9.25	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	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 × .75 mm arrow lineweight .2 mm	sects the ground surface. Place arrows at places along fold trace to indi- cate overall fold type
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 → 	(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 op-
5.9.30	Monocline, anticlinal bend (2nd option)—Identity or existence questionable, location inferred. Arrows show direction of dip; shorter arrow on steeper limb	? <u>†</u> ?		tion") symbols may be used to show a second generation or another
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 ≯ ←	instance of a 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		→ k → k .75 mm .75 mm	black of other colors.
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 1.475 mm HB-8	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 **.75 mm arrow lineweight **.20 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	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 op-
5.9.38	Monocline, synclinal bend (1st option)—Identity or existence questionable, location inferred. Arrows show direction of dip; shorter arrow on steeper limb		→	tion") symbols may be used to show a second generation or another
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 ≯ ≮	instance of a 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	\$\$	→	black of other colors.
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 3.5 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 12.0 mm 2 mm	
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	_; ∳ _;	→ 	
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{\frac{1}{4}}{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		≯ ← ≯ ← .75 mm .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		HI-6 (100% black) 15 tick length 1.375 .875 mm 15, lineweight 1.75 mm; lineweight 1.75 mm; color 100% magenta				
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 observation was made.			
5.10.4	Fold having vertical or near-vertical axial surface (2nd option)	90	HI-6 (100% black) >90				
5.10.5	Plunging anticline—Large arrowhead shows direction of plunge	+	1.5 mm > color 100% magenta	Although only shown here on anticlines abd 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 HE 60° 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 → ← color 100% magenta 60°	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	synclines, line-symbol			
5.10.10	Crest line (CL) of fold where it diverges from axial surface of anticline	<u> </u>	H-7 cl dash length 2.0 mm; line and text color spacing 5 mm; 100% magenta lineweight .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 H-8 text 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*
NEF NO	DESCRIPTION	5.11—Small, minor fold		NOTES ON USAGE
		3.11—3iiiaii, iiiiiioi iole		111
5.11.1	Small, minor fold, horizontal axial surface	\oplus	color 100% crossbar lineweight .25 mm magenta circle diameter 3.0 mm; lineweight .2 mm	Use when beds are too tightly folded to show traces of individual folds
5.11.2	Small, minor dome		color 100% magenta	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	outcrop. Open-arrowed ("2nd option") symbols may be
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 magenta 4 6.0 1.475 mm 1.475 mm lineweight .25 mm	used to show a second generation or another instance of a particular
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 mm; lineweight 2 mm; color 31 9.0 mm № 100% magenta	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 $\sqrt{40^{\circ}}$ arrow lineweight 100% .2 mm magenta 6.0 1.475 mm 1.475 mm 2.75 mm 1.475 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 → mm; lineweight 2 mm; color 39.0 mm 100% magenta	
5.11.8	Small, minor antiform, vertical or near-vertical axial surface (1st option)—Showing strike	+	color 2.75 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 \(\)\(\)\(\)\(\)\(\)\(\)\(\)\	
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 → mm; 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 .2 mm magenta 6.0 lineweight .25 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% 4 6.0 1.475 mm 3.5 mm 7 mm lineweight .25 mm	
5.11.15	Small, minor asymmetric anticline, inclined axial surface (2nd option)—Showing strike and dip	35	HI-6 (100% black) 35 tick length 1.75 9.0 mm, lineweight 2 mm; color 100% magenta	
5.11.16	Small, minor overturned anticline, vertical or near- vertical axial surface (1st option)—Showing strike	<u> </u>	color 2.275 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 3 9.0 mm № 100% magenta	
5.11.18	Small, minor overturned anticline, vertical or near-vertical axial surface (2nd option)—Showing strike	- † †	color 2.275 mm \ \(\sqrt{40}^{\circ}\)—arrow lineweight 100% 1.0 mm 2 mm agenta radius 1.475 mm \(\sqrt{1.475 mm}\) ineweight .25 mm	
5.11.19	Small, minor overturned anticline, inclined axial surface (2nd option)—Showing strike and dip	<u>†</u> † 35	HI-6 (100% black) → 35 tick length 1.75 m; lineweight 2 m; 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 .2 mm magenta 7 6.0 \ 1.475 mm \ 2.25 mm \ 1.000 \ 1.475 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 2.2 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 100% radius .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 mm; color 3 9.0 mm № 100% magenta	

DEF	PECOPIPTION	3—FOLDS (COILLIIU	,	NOTEC ON LIGHT				
REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*				
5.11 – Small, minor folds (continued)								
5.11.24	Small, minor syncline, vertical or near-vertical axial surface (1st option)—Showing strike	*	color 2.75 mm (A07) arrow lineweight 100% 2 mm magenta 6.0 1.475 mm lineweight .25 mm	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 mm; lineweight 2.2 mm; color → 9.0 mm № 100% magenta	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 $\sqrt{407}$ arrow lineweight 100% 2 mm magenta 4 6.0 1.475 mm lineweight .25 mm	outcrop. Open-arrowed ("2nd option") symbols may be				
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	used to show a second generation or another instance of a particular				
5.11.28	Small, minor synform, vertical or near-vertical axial surface (1st option)—Showing strike	+	color 2.75 mm \(\) \(\) \(\) \(\) \(\) \(\) arrow lineweight \(\) 2 mm \(\) magenta \(\) 2.75 mm \(\) \\ \(\)	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 ≥ 9.0 mm № 100% magenta					
5.11.30	Small, minor synform, vertical or near-vertical axial surface (2nd option)—Showing strike	\	color 2.75 mm \(\sheep \text{\lambda} \text{\lambda} \rangle \) arrow lineweight 100% \(\sheep \text{\lambda} \) arrow lineweight \(\text{.27 mm} \) mm \(\sheep \text{\lambda} \) lineweight \(\text{.25 mm} \)					
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 → Imm; lineweight 2 mm; color → 9.0 mm № 100% magenta					
5.11.32	Small, minor asymmetric syncline, vertical or near- vertical axial surface (1st option)—Showing strike	*	color 2.25 mm 407 arrow lineweight 100% 2.25 mm 1.475 mm 3.5 mm 1.475 mm lineweight .25 mm					
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 mm; color mm 100% magenta					
5.11.34	Small, minor asymmetric syncline, vertical or near- vertical axial surface (2nd option)—Showing strike	\	color 2.25 mm 4407 arrow lineweight 100% 2.25 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 9.0 mm, lineweight 2 mm; color mm 100% magenta					
5.11.36	Small, minor overturned syncline, vertical or near- vertical axial surface (1st option)—Showing strike	**	color 2.275 mm 407 arrow lineweight 100% 1.0 mm 2.2 mm radius 1.475 mm lineweight 2.25 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 mm; color ≥ 9.0 mm № 100% magenta					
5.11.38	Small, minor overturned syncline, vertical or near- vertical axial surface (2nd option)—Showing strike	_₩	color 2.275 mm 407 arrow lineweight 100% 1.0 mm 1.475 mm 1.475 mm 6.0 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 2.2 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 .875 mm \40° -arrow lineweight 100% radius .2 mm magenta 4.6.0 1.475 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 .875 mm \40° arrow lineweight .2 mm magenta .6.0 1.475 mm lineweight .25 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 39.0 mm № 100% magenta					