"surficial_polygon" Feature Class Attribute Field Descriptions

Field Name	Data Type	Length	Description	Acceptable values
				(see "Yukon_attribute_definitions.mdb" for detailed definitions)
Geodatabase generated fields:				
OBJECTID	Object ID/Autonumber		Geodatabase-generated ID field	
SHAPE	Polygon/OLE Object		Geodatabase-generated geometry field	
SHAPE_Length	Number	Double	Geodatabase-generated geometry field	
SHAPE_Area	Number	Double	Geodatabase-generated geometry field	
Complete terrain unit, with up to 4 components separated into components A, B, C and D.				
Up to 4 components (A - most dominant, B - 2nd most dominant, C - 3rd most dominant and U - 4th most dominant) were identified in a single polygon,				
if they are too intermixed or too small to outline separately at map scale.				
LABEL	String/Text	255	**Complete polygon label, as shown on map, with combined components A, B, C and D.**	e.g. Op/vEv/Mm\C-ZFg ("\" indicates that components on left of symbol overlie comp
LABEL_NEW	String/Text	255	interim formatted label used to automate conversion of LABEL to LABEL_FNL	
LABEL_FNL	String/Text	50	**final standardized label (BC terrains classification system) used to parse single attributes into remaining columns**	
COMP_A	String/Text	50	Component A - the most dominant terrain type present in the polygon	e.g. Op (organic plain)
relationAB	String/Text	4	**Delimiter separating components A and B**	**".", "/", "//" or "\"**
COMP_B	String/Text	50	Component B - the 2nd most dominant terrain type present in the polygon	e.g. vEv (volcanic eolian veneer)
RELATIONBC	String/Text	4	Delimiter separating components B and C	".", "/", "//" or "\"
COMP_C	String/Text	50	Component C - the 3rd most dominant terrain type present in the polygon	e.g. mM (undulating morainal deposits)
RELATIONCD	String/Text	4	Delimiter separating components C and D	".", "/", "//" or "\"
COMP_D	String/Text	50	Component D - the 4th most dominant terrain type present in the polygon	e.g. C (colluvium)
PROCESS	String/Text	50	Geomorphological process codes acting upon the terrain unit polygon as a whole	e.g. ZFg (periglacial processes and slow mass movement rock creep)
COMMENTS	String/Text	255	Comments regarding the entire terrain unit polygon	
Terrain characteristics for each component identified in the polygon:				
Component A - most dominant terrain type in the polygon:				
PARTCOV_A	String/Text	1	partial cover indicator, if applicable (i.e. moderately extensive, but discontinuous)	"/"
BEDROCK_A	String/Text	2	bedrock type, if applicable - 2 letter lower case, only populated if material_A = "R"	
TEXTURE1_A	String/Text	1	**texture of surficial material A (most dominant) - lower case letter**	**TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z**
TEXTURE2_A	String/Text	1	texture of surficial material A (2nd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
TEXTURE3_A	String/Text	1	texture of surficial material A (3rd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
MATERIAL_A	String/Text	2	**genetic origin of surficial material A - capital letter**	**MATERIAL = A, C, D, E, F, H, I, L, M, O, R, U, V, W**
QUALIFIERA	String/Text	1	**qualifier for genetic origin of surficial material A - capital letter**	**QUALIFIER = A (active), G (glacial), I (inactive)**
SUBTYPE_A	String/Text	1	user defined subtype to differentiate surficial material As of same genetic origin, but different phase of deposition	user-defined
AGE_A	String/Text	2	**age of material**	**AGE = H, >H, N, <M, M, S, >M, G, R, >R, P, T**
EXPRSN1_A	String/Text	1	**surface expression of surficial material A (most dominant) - lower case letter**	**EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x**
EXPRSN2_A	String/Text	1	surface expression of surficial material A (2nd most dominant) - lower case letter	**EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x**
EXPRSN3_A	String/Text	1	surface expression of surficial material A (3rd most dominant) - lower case letter	**EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x**
Component B - 2nd most dominant terrain type in the polygon:				
PARTCOV_B	String/Text	1	partial cover indicator, if applicable (i.e. moderately extensive, but discontinuous)	"/"
BEDROCK_B	String/Text	2	bedrock type, if applicable - 2 letter lower case, only populated if material_B = "R"	
TEXTURE1_B	String/Text	1	texture of surficial material B (most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
TEXTURE2_B	String/Text	1	texture of surficial material B (2nd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
TEXTURE3_B	String/Text	1	texture of surficial material B (3rd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
MATERIAL_B	String/Text	2	genetic origin of surficial material B - capital letter	MATERIAL = A, C, D, E, F, H, I, L, M, O, R, U, V, W
QUALIFIERB	String/Text	1	qualifier for genetic origin of surficial material B - capital letter	QUALIFIER = A (active), G (glacial), I (inactive)
SUBTYPE_B	String/Text	1	user defined subtype to differentiate surficial material Bs of same genetic origin, but different phase of deposition	user-defined
AGE_B	String/Text	2	age of material	AGE = H, >H, N, <M, M, S, >M, G, R, >R, P, T
EXPRSN1_B	String/Text	1	surface expression of surficial material B (most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
EXPRSN2_B	String/Text	1	surface expression of surficial material B (2nd most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
EXPRSN3_B	String/Text	1	surface expression of surficial material B (3rd most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
Component C - 3rd most dominant terrain type in the polygon:				

PARTCOV_C	String/Text	1	partial cover indicator, if applicable (i.e. moderately extensive, but discontinuous)	"/"
BEDROCK_C	String/Text	2	bedrock type, if applicable - 2 letter lower case, only populated if material_C = "R"	
TEXTURE1_C	String/Text	1	texture of surficial material C (most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
TEXTURE2_C	String/Text	1	texture of surficial material C (2nd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
TEXTURE3_C	String/Text	1	texture of surficial material C (3rd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
MATERIAL_C	String/Text	2	genetic origin of surficial material C - capital letter	MATERIAL = A, C, D, E, F, H, I, L, M, O, R, U, V, W
QUALIFIERC	String/Text	1	qualifier for genetic origin of surficial material C - capital letter	QUALIFIER = A (active), G (glacial), I (inactive)
SUBTYPE_C	String/Text	1	user defined subtype to differentiate surficial materials of same genetic origin, but different phase of deposition	user-defined
AGE_C	String/Text	2	age of material	AGE = H, >H, N, <M, M, S, >M, G, R, >R, P, T
EXPRSN1_C	String/Text	1	surface expression of surficial material C (most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
EXPRSN2_C	String/Text	1	surface expression of surficial material C (2nd most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
EXPRSN3_C	String/Text	1	surface expression of surficial material C (3rd most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
Component D - 4th most dominant terrain type in the polygon				
PARTCOV_D	String/Text	1	partial cover indicator, if applicable (i.e. moderately extensive, but discontinuous)	"/"
BEDROCK_D	String/Text	2	bedrock type, if applicable - 2 letter lower case, only populated if material_D = "R"	
TEXTURE1_D	String/Text	1	texture of surficial material D (most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
TEXTURE2_D	String/Text	1	texture of surficial material D (2nd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
TEXTURE3_D	String/Text	1	texture of surficial material D (3rd most dominant) - lower case letter	TEXTURE = a, b, c, d, e, g, h, k, m, p, r, s, u, x, y, z
MATERIAL_D	String/Text	2	genetic origin of surficial material D - capital letter	MATERIAL = A, C, D, E, F, H, I, L, M, O, R, U, V, W
QUALIFIERD	String/Text	1	qualifier for genetic origin of surficial material D - capital letter	QUALIFIER = A (active), G (glacial), I (inactive)
SUBTYPE_D	String/Text	1	user defined subtype to differentiate surficial materials of same genetic origin, but different phase of deposition	user-defined
AGE_D	String/Text	2	age of material	AGE = H, >H, N, <M, M, S, >M, G, R, >R, P, T
EXPRSN1_D	String/Text	1	expression of surficial material D (most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
EXPRSN2_D	String/Text	1	expression of surficial material D (2nd most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
EXPRSN3_D	String/Text	1	expression of surficial material D (3rd most dominant) - lower case letter	EXPRSN = a, b, c, d, f, h, l, m, p, r, t, u, v, w, x
Geomorphological processes affecting entire terrain unit polygon - up to 3 processes (A, B and C) can be described				
PROCESS _A	String/Text	1	**most dominant geomorphological process**	**PROCESS = A,B,C,D,E,F,H,I,J,K,L,M,M,P,R,S,T,U,V,W,X,Z**
PRO_QUAL_A	String/Text	20	**geomorphological process A activity qualifier**	**PRO_QUAL = A (active), I (inactive) [only used where activity is different than assumed activity state]**
PROCLASS1A	String/Text	1	**geomorphological process A subclass 1 - lower case single letter**	**SUBCLASS = a,b,c,d,e,f,g,j,k,l,m,n,o,p,r,s,t,u,w,x - NOTE: definitions vary for same letter according to associated PROCESS value.**
PROCLASS2A	String/Text	1	geomorphological process A subclass 2 - lower case single letter	SUBCLASS = a,b,c,d,e,f,g,j,k,l,m,n,o,p,r,s,t,u,w,x - NOTE: definitions vary for same letter according to associated PROCESS value.
PROCESS_B	String/Text	1	2nd most dominant geomorphological process	PROCESS = A,B,C,D,E,F,H,I,J,K,L,M,M,P,R,S,T,U,V,W,X,Z
PRO_QUAL_B	String/Text	20	geomorphological process B activity qualifier	PRO_QUAL = A (active), I (inactive) [only used where activity is different than assumed activity state]
PROCLASS1B	String/Text	1	geomorphological process B subclass 1 - lower case single letter	SUBCLASS = a,b,c,d,e,f,g,j,k,l,m,n,o,p,r,s,t,u,w,x - NOTE: definitions vary for same letter according to associated PROCESS value.
PROCLASS2B	String/Text	1	geomorphological process B subclass 2 - lower case single letter	SUBCLASS = a,b,c,d,e,f,g,j,k,l,m,n,o,p,r,s,t,u,w,x - NOTE: definitions vary for same letter according to associated PROCESS value.
PROCESS_C	String/Text	1	3rd most dominant geomorphological process	PROCESS = A,B,C,D,E,F,H,I,J,K,L,M,M,P,R,S,T,U,V,W,X,Z
PRO_QUAL_C	String/Text	20	geomorphological process C activity qualifier	PRO_QUAL = A (active), I (inactive) [only used where activity is different than assumed activity state]
PROCLASS1C	String/Text	1	geomorphological process C subclass 1 - lower case single letter	SUBCLASS = a,b,c,d,e,f,g,j,k,l,m,n,o,p,r,s,t,u,w,x - NOTE: definitions vary for same letter according to associated PROCESS value.
PROCLASS2C	String/Text	1	geomorphological process C subclass 2 - lower case single letter	SUBCLASS = a,b,c,d,e,f,g,j,k,l,m,n,o,p,r,s,t,u,w,x - NOTE: definitions vary for same letter according to associated PROCESS value.
CHECK_FIX	String/Text	255	interim field used to highlight QA/QC issues	
RANDOM_NO	Number	Integer	interim field used to perform random QA/QC checks	
ORIGNL_MAP	String/Text	255	original map data was captured from	
LABEL_TST	String/Text	50	interim field used to highlight QA/QC issues	
Note: For more information on standards, refer to Terrain Classification System for British Columbia, by Howes & Kenk, 1997, http://srmwww.gov.bc.ca/risc/pubs/teecolo/terclass/, and				
Terrain Data Working Committee, Standard for digital terrain data capture in British Columbia, Terrain Technical Standard and Database Manual, 1998, http://srmwww.gov.bc.ca/risc/pubs/earthsci/terrain/index.htm				