		Lillooet	PEM Attribute Legend – March, 2004	
Ranking o	f Values	Each of the si	te series within the BEC subzone are given a weighting of the likelihood that this	
in the KB's		particular feature or combination of features will occur there. The normal weighting system is		
		0 to 3, meaning no chance of occurrence to high chance of occurrence. However, variations of -		
		1, -2, -10, or -100 are also used to counter unwanted effects of cumulative scores due to various features occurring within the PEM polygon.		
Category	Value	Description	Notes:	
			UCTIVE CODES:	
NP	0	Forested	Forested stands	
NP	1	icefield		
NP	2	alpine		
NP	3	rock	Program a 50-m buffer around these polygons for future adjacency searches	
NP	7	sand	Trogram a 30-m burrer around these porygons for future adjacency searches	
NP	9	clay bank		
NP	10	alpine forest		
NP	10	NPBr	Program a 50-m buffer around these polygons for future adjacency searches	
NP	11	NP	Program a 50-m buffer around these polygons for future adjacency searches	
NP	12	burn	110gram a 50-m burner arbund mese porygons for future adjacency searches	
NP	15	lakes	Merge Forest Cover and TRIM lakes - determine new perimeter and snap FC	
INP	15		polygons to edge	
NP	18	Gravel Bar		
NP	25	River		
NP	35	wetlands	Merge Forest Cover and TRIM wetlands/depressions - new perimeter & area	
			(TRIM marsh polygons are displayed within the wetland complexes.)	
			Program a 50-m buffer around these polygons for future adjacency searches	
NP	42	Clearing		
NP	50	Roads		
NP	54	Urban		
NP	60	hayfield		
NP	62	meadows		
NP	63	open range	Program a 50-m buffer around these polygons for future adjacency searches	
NP	64	salt water		
PERCEN	TAGE	OF AREA AN	ALYSIS: (Qualifying Analysis - Applied to some features only)	
_P	1	5-20%	greater than or equal to 5% and less than 20% of the polygon area	
_P	2	21- 50%	greater than 21% and less than 50% of the polygon area	
_P	3	>50%	greater than 51% of the polygon area	
STREAM	I DENS	ITY:		
W	0		No streams found in polygon (0 to 10 m/ha)	
W	1		10 m/ha to 30 m/ha (low soil moisture influence)	
W	2		30 m/ha to 60 m/ha (moderate soil moisture influence)	
W	3		60 m/ha or greater (high soil moisture influence)	
<b>SLOPE:</b>				
S	1	0 - 8%		
S	2	8-25%	(** aspect applies from this slope class on)	
S	3	25 - 45%		
S	4	45 - 65%		
S	5	65 - 85%		
S	6	85 - 130%		
S	7	130 + %		
	-			
SF	f	Flat	slope class 1	

SF   hs   Hyper-steep   slope classes 6 to 7     SFc   y   Very steep   slope classes 3 to 5     SFc   Very steep   slope classes 3 to 5     ASPECT:   (Changed to match aspect breaks noted during Lilloet field work)     As   1   Hot   90.1 to 235 degrees     As   2   Warm   235.1 to 290 degrees     As   3   Cool   290.1 to 90 degrees     ADJACENCY FEATURES:   50-metre buffer searches     Adji   1   Adjacent to wetlands - search around NP or NPBr polygons only     Adji   All polygons   Adjacent to apin polygons     Adji   1   All polygons   Adjacent to apin polygons     Adji   1   All polygons   Adjacent to apin polygons     Adji+Adj2+Adj3-Adj4+Adj5 = 0   Not adjacent to any of these features   RUPAIAN BENCHES:     Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)   LB     LB   1   0-5% slope adjacent to a ploy polygon area   LB     LB, P   2   between 1 and 20% of PEM polygon area   LB     LB, P   3   greatert han 51% of the PEM polygon area	SF	S	Steep	slope classes 2 to 5
SFc   g   Gentle   slope classes 1 and 2     SFc   vs   Very steep   slope classes 3 to 5     ASPECT:   (Changed to match aspect breaks noted during Litloet field work)     As   0   No aspect   Aspect does not apply     As   1   Hot   90.1 to 90 degrees     As   2   Warm   235.1 to 290 degrees     As   3   Cool   290.1 to 90 degrees     Adji   1   Adjacent to streams - search around NP or NPBr polygons only     Adji   1   Adjacent to rock     Adji   All polygons   Adjacent to rock     Adji   1   All polygons     Adjacent to rock   Adjacent ot applygons     Adjacent to adjacent to any of these features   RIPARIAN BENCHES:     Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB.P   2   between 21 and 50% of PEM polygon area     LB.P   3   greater than 51% of the PEM polygon area     SIB.P   1   0-5% slope adjacent to a double-line streams)			<b>A</b>	*
SFc     vs     Very steep     slope classes 3 to 5       ASPECT:     (Changed to match aspect breaks noted during Lilloet field work)       As     1     Hot     90.1 to 235 degrees       As     2     Warm     235.1 to 290 degrees       As     3     Cool     290.1 to 200 degrees       Adjacent to treams - search around NP or NPBr polygons only     Adjacent to wetlands - search around NP or NPBr polygons only       Adj3     1     All polygons     Adjacent to any of these features       RIPARIAN BENCHES:     Not adjacent to any of these features     RIPARIAN BENCHES:       Lakes and Wetlands     (begin bench search from perimeter of combined lakes and wetlands)     LB       LB     1     Detween 5 and 20% of PEM polygon area       LB.P     2     between 5 and 20% of PEM polygon area       LB.P     3     greater than 50% of PEM polygon area       LB.P     1     Detween 5 and 20% of PEM polygon area       LB.P     3     greater than 50% of PEM polygon area       LB.P     3     greater than 50% of PEM polygon area       LB.P     3     greater than 50% of PEM polygon area       L				
ASPECT:   (Changed to match aspect breaks noted during Lilloet field work)     As   0   No aspect   Aspect does not apply     As   1   Hot   90.1 to 235 degrees     As   2   Warm   235.1 to 290 degrees     As   3   Cool   290.1 to 90 degrees     ADJACENCY FEATURES:   Sometre buffer searches   Anumatch as - search around NP or NPBr polygons only     Adj1   1   Adjacent to streams - search around NP or NPBr polygons only     Adj3   1   All polygons   Adjacent to appine polygons     Adj4   1   All polygons   Adjacent to appine polygons     Adj5   1   All polygons   Adjacent to appine polygons     Adj4   1   All polygons   Adjacent to appine polygon area     RIPARIAN BENCHES:   Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB,P   3   greater than 51% of the PEM polygon area     LB,P   1   0-5% slope adjacent to a double-line streams)     SLB   1   0-5% slope adjacent to a double-line streams)				
As   0   No aspect   Aspect does not apply     As   1   Hot   90.1 to 235 degrees     As   3   Cool   290.1 to 90 degrees     As   3   Cool   290.1 to 90 degrees     As   3   Cool   290.1 to 90 degrees     Adjacent to streams - search around NP or NPBr polygons only   Adjacent to wetlands - search around NP or NPBr polygons only     Adj3   1   All polygons   Adjacent to ack     Adj4   1   All polygons   Adjacent to ack     Adj4   1   All polygons   Adjacent to any of these features <b>RIPARIAN BENCHES:</b> Detaigs hope adjacent to to the water body, to a maximum distance of 100 m     LB   1   De5% slope adjacent to a double-line stream     LB   2   between 5 and 20% of PEM polygon area     LB   2   between 5 and 20% of PEM polygon area     SILB   1   O-5% slope adjacent to a double-line stream of 100 m     LB   2   between 5 and 20% of PEM polygon area     SILB_P   2   between 5 and 20% of PEM polygon area     SILB_P   3   greater than 51% of the PEM polygon area     SI			· ·	1
As   1   Hot   90.1 to 235 degrees     As   2   Warm   235.1 to 290 degrees     As   3   Cool   290.1 to 90 degrees     Ablacency   FATURES:   50-metre buffer searches     Adji   1   Adjacent to streams - search around NP or NPBr polygons only     Adj2   1   Adjacent to alpine polygons     Adj3   1   All polygons   Adjacent to alpine polygons     Adj4   1   All polygons   Adjacent to alpine polygons     Adj5   1   All polygons   Adjacent to alpine polygons     Adj4   1   Adjacent to alpine polygons   Adjacent to alpine polygons     Adj4   1   Adjacent to alpine polygons   Adjacent to alpine polygons     Adj4   1   Adjacent to alpine polygons   Adjacent to alpine polygons     Adj4   Adj4   Adj5   O   Not adjacent to alpine polygon area     LB   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   3   greater than 51% of the PEM polygon area     Stream Low Benches:   Clautated from double-line streams     Stream Low Benches:   Claut		(		
As   2   Warm   235.1 to 290 degrees     As   3   Cool   290.1 to 90 degrees     ADJACENCY FEATURES:   50-metre buffer searches     Adj1   1   Adjacent to streams - search around NP or NPBr polygons only     Adj2   1   Adjacent to vectands - search around NP or NPBr polygons only     Adj3   1   All polygons   Adjacent to appine polygons     Adj4   1   All polygons   Adjacent to appine polygons     Adj1+Adj2+Adj3+Adj4+Adj5 = 0   Not adjacent to any of these features     RIPARIAN BENCHES:   Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   2   between 21 and 50% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     SLB   1   0-5% slope adjacent to a double-line streamt to a maximum distance of 100 m     SLB_P   1   between 21 and 50% of PEM polygon area     SLB_P   2   between 21 and 50% of PEM polygon area     SLB_P   1   0-5% slope adjacent to a anal rise up from the river's edge (a slope of 6- 20% slope adjacent to a anal rise up from the river's edg			<b>^</b>	
As   3   Cool   290.1 to 90 degrees     ADJACENCY FEATURES:   50-metre buffer searches   Adiacent to streams - search around NP or NPBr polygons only     Adj2   1   Adjacent to streams - search around NP or NPBr polygons only     Adj3   1   All polygons   Adjacent to alpine polygons     Adj4   Adj4-Adj2+Adj3+Adj4+Adj5 = 0   Not adjacent to any of these features     RIPARIAN BEXCHES:   Image: the search from perimeter of combined lakes and wetlands)   Image: the search of the search polygon area     LB_P   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m   Image: the search of the the search of the PEM polygon area     LB_P   2   between 5 and 20% of PEM polygon area   Stream Low Benches: (Calculated from double-line streams)     SLB   1   0-5% slope form the olygon area   StLB_P   3   greater than 51% of the PEM polygon area     SLB_P   2   between 21 and 50% of PEM polygon area   StLB_P   0-5% slope form the edge of the SLB to a max distance of 50				
ADJACENCY FEATURES:   50-metre buffer searches     Adj1   1   Adjacent to streams - search around NP or NPBr polygons only     Adj2   1   Adjacent to orange search around NP or NPBr polygons only     Adj3   1   All polygons   Adjacent to orange search around NP or NPBr polygons only     Adj3   1   All polygons   Adjacent to OR polygons     Adj4   1   All polygons   Adjacent to OR polygons     Adj5   1   All polygons   Adjacent to OR polygons     Adj1+Adj2+Adj3+Adj4+Adj5 = 0   Not adjacent to OR polygons   amaximum distance of 100 m     LBs p   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   2   between 21 and 50% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   1   0-5% slope adjacent to a double-line streams)     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SHB_P				
Adji   1   Adjacent to streams - search around NP or NPBr polygons only     Adj2   1   Adjacent to orok     Adj3   1   All polygons   Adjacent to rock     Adj4   1   All polygons   Adjacent to orok     Adj4   1   All polygons   Adjacent to OR polygons     Adj1+Adj2+Adj3+Adj4+Adj5 = 0   Not adjacent to any of these features     RIPARIAN BENCHES:   Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB_P   1   0-5% slope adjacent to the water body. to a maximum distance of 100 m     LB_P   2   between 5 and 20% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     Stream Low Benches:   (Calculated from double-line streams)     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   2   between 21 and 50% of PEM polygon area     SLB_P   1   0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river slope (a slope of 500 m, or -0-5% slope from the edge of the SLB to a max distance of 500 m, or -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river slope) to a max distance of 500 m, or -0-5% slope adjacent to a small rise up from th		-		
Adj2   1   Adjacent to wetlands - search around NP or NPBr polygons only     Adj3   1   All polygons   Adjacent to iopine polygons     Adj4   1   All polygons   Adjacent to apine polygons     Adj5   1   All polygons   Adjacent to apine polygons     Adj1   Adj2   1   All polygons     Adj2   1   Aljacent to apine polygons     Adj1   Adj2   Not adjacent to any of these features     RIPARIAN BENCHES:   Itakes and Wetlands   Itakes and Wetlands     LB_P   1   between 5 and 20% of PEM polygon area     LB_P   2   between 21 and 50% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     SLB_P   1   0.5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   1   between 5 and 20% of PEM polygon area     SLB_P   1   between 5 and 20% of PEM polygon area     SLB_P   1   c.5% slope adjacent to a small ris up from the river's edge (a slope of 6-20% within 50 m from the edge of the SLB to a max distance of 500 m, or     -0.5% slope adjacent to a small ris up from the river's edge (a slope of 6-20% within 50 m from the river edge) to a max distance of 1000 m; or			EATURES: 5	
Adj3   1   All polygons   Adjacent to rock     Adj4   1   All polygons   Adjacent to apine polygons     Adj5   1   All polygons   Adjacent to OR polygons     Adj1+Adj2+Adj3+Adj4+Adj5 = 0   Not adjacent to any of these features     RIPARIAN BENCHES:   Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   1   between 21 and 50% of PEM polygon area     LB_P   2   between 21 and 50% of PEM polygon area     SLB   1   0-5% slope adjacent to a double-line streams)     SLB   1   0-5% slope adjacent to a double-line streams)     SLB_P   2   between 21 and 50% of PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SHE   1   -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river edge) to a max distance of 500 m, or     -0.5% slope adjacent to a small rise up from the river's edge (a greater than 51% of the PEM polygon area		<u> </u>		
Adj4   1   All polygons   Adjacent to alpine polygons     Adj1+Adj2+Adj3+Adj4+Adj5   0   Not adjacent to OR polygons     RIPARIAN BENCHES:		1	A 11	
Adj   1   All polygons   Adjacent to OR polgyons     Adj1+Adj2+Adj3+Adj4+Adj5 = 0   Not adjacent to any of these features     RIPARIAN BENCHES:     Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB_P   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   2   between 21 and 50% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   2   between 5 and 20% of PEM polygon area     SLB_P   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   2   between 5 and 20% of PEM polygon area     SLB_P   2   between 5 and 20% of PEM polygon area     SLB_P   2   between 5 and 20% of PEM polygon area     Stream High Benches:   (Calculated from double-line streams)     SHB   1   -0-5% slope from the edge of the SLB to a max distance of 500 m, or -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river edge) to a max distance of 500 m geneater than 51% of the PEM polygon area     SHB_P   1   between 5 and 20% of PEM polygo	e e e e e e e e e e e e e e e e e e e	1		
Adj1+Adj2+Adj3+Adj4+Adj5 = 0   Not adjacent to any of these features     RIPARIAN BENCHES:	<b>.</b>	<u> </u>		
RIPARIAN BENCHES:     Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB_P   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   1   between 5 and 20% of PEM polygon area     LB_P   2   between 1 and 50% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     Stream Low Benches:   (Calculated from double-line streams)     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   1   between 5 and 20% of PEM polygon area     SLB_P   2   between 1 and 50% of PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SHB   1   -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river edge) to a max distance of 500 m, or     SHB_P   2   between 21 and 50% of PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area	<b>.</b>		1 10	
Lakes and Wetlands   (Begin bench search from perimeter of combined lakes and wetlands)     LB   1   0.5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   1   between 5 and 20% of PEM polygon area     LB_P   2   between 21 and 50% of PEM polygon area     Stream Low Benches:   (Calculated from double-line streams)     SLB_P   1   0.5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   2   between 21 and 20% of PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SHB   1   -0.5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the edge of the SLB to a max distance of 500 m     SHB_P   1   between 5 and 20% of PEM polygon area     SHB_P   1   between 5 and 20% of PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater			· · ·	0 Not adjacent to any of these features
LB   1   0-5% slope adjacent to the water body, to a maximum distance of 100 m     LB_P   1   between 5 and 20% of PEM polygon area     LB_P   2   between 21 and 50% of PEM polygon area     Stream Low Benches:   (Calculated from double-line streams)     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   1   between 5 and 20% of PEM polygon area     SLB_P   2   between 5 and 20% of PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SHB_P   1   -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river dge) to a max distance of 500 m     SHB_P   1   between 5 and 20% of PEM polygon area     SHB_P   2   between 1 and 50% of PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greate				
LB_P   1   between 5 and 20% of PEM polygon area     LB_P   2   between 21 and 50% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     Stream Low Benches:   (Calculated from double-line streams)     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   2   between 21 and 50% of PEM polygon area     SLB_P   2   between 21 and 50% of PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     Stream High Benches:   (Calculated from double-line streams)     SHB   1   -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river dege) to a max distance of 500 m, or     -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river dege) to a max distance of 500 m     SHB_P   1   between 21 and 50% of PEM polygon area     SHB_P   2   between 21 and 50% of PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     Stream Terraces:   (Calculat		i Wetla	nds (Begin be	
LB_P   2   between 21 and 50% of PEM polygon area     LB_P   3   greater than 51% of the PEM polygon area     Stream Low Benches:   (Calculated from double-line streams)     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   1   between 5 and 20% of PEM polygon area     SLB_P   2   between 5 and 20% of PEM polygon area     Stream High Benches:   (Calculated from double-line streams)     Stream High Benches:   (Calculated from double-line streams)     SHB   1   -0-5% slope from the edge of the SLB to a max distance of 500 m, or     - 0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river edge) to a max distance of 500 m     SHB_P   1   between 5 and 20% of PEM polygon area     SHB_P   2   between 21 and 50% of PEM polygon area     SHB_P   1   between 5 and 20% of PEM polygon area     SHB_P   2   between 1 and 51% of the PEM polygon area     SHB_P   1   between 5 and 20% of PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     ST		1		
LB_P   3   greater than 51% of the PEM polygon area     Stream Low Benches:   (Calculated from double-line streams)     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   1   between 5 and 20% of PEM polygon area     SLB_P   2   between 21 and 50% of PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     Stream High Benches:   (Calculated from double-line streams)     SHB   1   -0-5% slope from the edge of the SLB to a max distance of 500 m, or     -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river dege) to a max distance of 500 m     SHB_P   1   between 5 and 20% of PEM polygon area     SHB_P   2   between 5 and 20% of PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   1   -0-10% slope adjacent to a small rise up from the river's edge (a greater t		1		
Stream Low Benches: (Calculated from double-line streams)     SLB   1   0-5% slope adjacent to a double-line stream to a maximum distance of 100m     SLB_P   1   between 5 and 20% of PEM polygon area     SLB_P   2   between 21 and 50% of PEM polygon area     SLB_P   3   greater than 51% of the PEM polygon area     Stream High Benches: (Calculated from double-line streams)   Stream High Benches: (Calculated from double-line streams)     SHB   1   -0-5% slope adjacent to a small rise up from the river's edge (a slope of 6-20% within 50 m from the river edge) to a max distance of 500 m     SHB_P   1   between 21 and 50% of PEM polygon area     SHB_P   2   between 21 and 50% of PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     SHB_P   3   greater than 51% of the PEM polygon area     STeam Terraces:   (Calculated from double-line streams)   stream 1000 m; or     ST   1   -0-10% slope adjacent to a small rise up from the river's edge (a greater than 20% slope within a 400 m distance of 1000 m; or     -0-10% slope adjacent to a small rise up from the edge of the SLB or SHB (a greater than 6% slope within a 400 m distance to a max distance of 1000 m				
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bottom polygon (G)	GB	1		
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GB_P	1	h	etween 5 and 20% of PEM polygon area
GB_I GB_P	2		etween 21 and 50% of PEM polygon area
GB_I GB_P	3		reater than 51% of the PEM polygon area
	-		(upper slope positions):
HT	1 5 anu 1		(ill top is the largest outside contour line less than 1200 m in length and not
	1		depression
HT_P	1		etween 5 and 20% of PEM polygon area
HT_P	2		etween 21 and 50% of PEM polygon area
HT_P	3	g	reater than 51% of the PEM polygon area
HB	1	4	0-m buffer where slope is $>$ or $= 20\%$ , starts from edge of HT
HB_P	1	b	etween 5 and 20% of PEM polygon area
HB_P	2	b	etween 21 and 50% of PEM polygon area
HB_P	3	g	reater than 51% of the PEM polygon area
<b>RIDGE T</b>	OPS an		ERS (defines upper slope positions):
RT	1	2	0-m buffer around the ridge break line where slopes are $>$ or $= 30\%$
RT_P	1	b	etween 5 and 20% of PEM polygon area
RT_P	2		etween 21 and 50% of PEM polygon area
RT_P	3	g	reater than 51% of the PEM polygon area
RTL	1		ittle ridge tops between 10 and 30% slopes
RTL_P	1	b	etween 5 and 20% of PEM polygon area
RTL_P	2	b	etween 21 and 50% of PEM polygon area
RTL_P	3		reater than 51% of the PEM polygon area
RB	1	4	0-m buffer from edge of RT if slopes are $>$ or $= 30\%$
RB_P	1		etween 5 and 20% of PEM polygon area
RB_P	2		etween 21 and 50% of PEM polygon area
RB_P	3		reater than 51% of the PEM polygon area
TOES OF	SLOP		
ToS	1		nterface of >40% slopes above and <25% slopes below, that are within 100
			n of each other
ToS_P	1		etween 5 and 20% of PEM polygon area
ToS_P	2		etween 21 and 50% of PEM polygon area
ToS_P	3	g	reater than 51% of the PEM polygon area
ELEVAT	ION		
E	1		1Hmm1&2 subzone lower band of higher productivity below 920 m
E	2		1Hmm1&2 subzone upper band of lower productivity above 920 m
E	20		SSFxv2 below 1900 m
E	21		SSFxv2 above 1900m
E	22		SSFdv2 and ESSFxc4 below 1840 m
E	23		SSFdv2 and ESSFxc4 above 1840 m
E	24		SSFdv1 below 1600 m
E E	25 26		SSFdv1 above 1600 m
E E	26		SSFxc3 below 1840 m SSFxc3 above 1840 m
			<b>S</b> : (These are assumed to be within a FC forested polygon and influence
		e NP code)	5. (These are assumed to be written a re forested porygon and influence
L1_P	und th	Rock polygon	TRIM 2 HB25400000 (only 43 identified in the District) (same percent
		pory Som	of area calculations)
L2		Esker	TRIM 2 HB10200000 ( only 31 identified in the District) (same linear
			calculation as water content)

L3		Cliff/acom	TRIM 2 HB05650000
L3 L4_P		Cliff/scarp Slide	
L4_P L5			TRIM 2 HB27900000
		Beaver dam	TRIM 2 GA08450110
L6_P		Flooded area	TRIM 2 GB11350110 (only one area in the District)
L7		Spring	TRIM 2 - does not occur in this Forest District
L8_P		Moraine	TRIM 2 HB18700000
L9_P		Skree	TRIM 2 HB26150000
L10		Avalanche	Forest Cover ESA area (not actually the avalanche track)
L11_P		Glacier	TRIM 2 GD12300000
L12_P		Snow/ice	TRIM 2 (does not occur in this Forest District)     TRIM 2 HB06650100
L13		Ridge	
L14_P		Islands	TRIM 2 GE14850000
L15_P		Sand Bars	TRIM 2 GE25850000
L16_P		Pit	TRIM 2 AG21550000
L17		Rock Bluffs	TRIM 2 HB25000100
L19		Cliff drop off	TRIM 2 HB05650100 (this is the majority of the cliffs identified)
L20		Cliff drop off indefinite	TRIM 2 HB05650200
BEDROO BR		E Rich	Metamorphic – i.e. gneissic diorites, gabbro, hornblende schists, hornblende
DK	1	RICII	biotite, limestone
BR	2	Poor	Igneous (Intrusive) – i.e.granodiorites, quarz diorites, diorites
BR	3	Moderate	Sedimentary – i.e. sandstone, siltstone, shale and slates – Fraser River
DK	5	wouerate	deposits
BR	4 or0	Not useful	Undivided – everything from volcanic, to sedimentary, to metamorphic, to
DK	4 010	Not useful	
1			Infrusive
FOREST	COVE	R CHARACTI	intrusive
		R CHARACTI orv:	
FOREST Disturbar		ory:	ERISTICS:
Disturbar D			
Disturbar D Species:		ory:	ERISTICS: (not used in Lillooet project)
Disturban D Species: Sp		ory: Past burn FC codes	ERISTICS: (not used in Lillooet project) 1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters
Disturbar D Species: Sp SpL		ory: Past burn	ERISTICS: (not used in Lillooet project) 1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters SP1 only
Disturban D Species: Sp SpL SpS		ory: Past burn FC codes lead species	ERISTICS: (not used in Lillooet project) 1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters
Disturbar D Species: Sp SpL		ory: Past burn FC codes lead species	ERISTICS: (not used in Lillooet project) 1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters SP1 only
Disturban D Species: Sp SpL SpS Height:	nce Hist	ory: Past burn FC codes lead species	ERISTICS: (not used in Lillooet project) 1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters SP1 only SP2 only
Disturban D Species: Sp SpL SpS Height: H	nce Hist	ory: Past burn FC codes lead species	ERISTICS: (not used in Lillooet project) 1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters SP1 only SP2 only HST grouping of height classes 1-2
Disturban D Species: Sp SpL SpS Height: H H	s       t       1	Past burn FC codes lead species Second	ERISTICS: (not used in Lillooet project) 1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters SP1 only SP2 only HST grouping of height classes 1-2 HST grouping of height classes 4-8
Disturban D Species: Sp SpL SpS Height: H H HC	s s 1	Past burn FC codes lead species Second	ERISTICS:     (not used in Lillooet project)     1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters     SP1 only     SP2 only     HST grouping of height classes 1-2     HST grouping of height classes 4-8     height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)
Disturban D Species: Sp SpL SpS Height: H H HC HC HC HC	s       1       2       3       4	Past burn FC codes lead species Second	ERISTICS:     (not used in Lillooet project)     1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters     SP1 only     SP2 only     HST grouping of height classes 1-2     HST grouping of height classes 4-8     height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)     class 2 = 10.5 to 19.4 m
Disturban D Species: Sp SpL SpS Height: H H HC HC HC	s       t       1	Past burn FC codes lead species Second	ERISTICS:     (not used in Lillooet project)     1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters     SP1 only     SP2 only     HST grouping of height classes 1-2     HST grouping of height classes 4-8     height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)     class 2 = 10.5 to 19.4 m     class 3 = 19.5 to 28.4 m
Disturban D Species: Sp SpL SpS Height: H H HC HC HC HC	s       1       2       3       4       5       6	Past burn FC codes lead species Second	ERISTICS:     (not used in Lillooet project)     1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters     SP1 only     SP2 only     HST grouping of height classes 1-2     HST grouping of height classes 4-8     height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)     class 2 = 10.5 to 19.4 m     class 3 = 19.5 to 28.4 m     class 4 = 28.5 to 37.4 m
Disturban D Species: Sp SpL SpS Height: H HC HC HC HC HC HC	s       1       2       3       4       5	Past burn FC codes lead species Second	<b>CRISTICS:</b> (not used in Lillooet project)     1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters     SP1 only     SP2 only     HST grouping of height classes 1-2     HST grouping of height classes 4-8     height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)     class 2 = 10.5 to 19.4 m     class 3 = 19.5 to 28.4 m     class 4 = 28.5 to 37.4 m     class 5 = 37.5 to 46.4 m
Disturban D Species: Sp SpL SpS Height: H HC HC HC HC HC HC HC	s       1       2       3       4       5       6	Past burn FC codes lead species Second	<b>ERISTICS:</b> (not used in Lillooet project)     1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital letters     SP1 only     SP2 only     HST grouping of height classes 1-2     HST grouping of height classes 4-8     height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)     class 2 = 10.5 to 19.4 m     class 3 = 19.5 to 28.4 m     class 4 = 28.5 to 37.4 m     class 5 = 37.5 to 46.4 m     class 6 = 46.5 to 55.4 m
Disturban D Species: SpJ SpJ Height: H H HC HC HC HC HC HC HC HC HC	s       1       2       3       4       5       6       7       8	Past burn FC codes lead species Second	ERISTICS:(not used in Lillooet project)1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital lettersSP1 onlySP2 onlyHST grouping of height classes 1-2HST grouping of height classes 4-8height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)class 2 = 10.5 to 19.4 mclass 3 = 19.5 to 28.4 mclass 5 = 37.5 to 46.4 mclass 6 = 46.5 to 55.4 mclass 7 = 55.5 to 64.4 m
Disturban D Species: Sp SpL SpS Height: H H HC HC HC HC HC HC HC HC HC HC	s       1       2       3       4       5       6       7       8	Past burn FC codes lead species Second	ERISTICS:(not used in Lillooet project)1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital lettersSP1 onlySP2 onlyHST grouping of height classes 1-2HST grouping of height classes 4-8height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)class 2 = 10.5 to 19.4 mclass 3 = 19.5 to 28.4 mclass 5 = 37.5 to 46.4 mclass 6 = 46.5 to 55.4 mclass 7 = 55.5 to 64.4 m
Disturban D Species: SpJ SpL SpS Height: H HC HC HC HC HC HC HC HC HC Crown C CC CC	s       1       2       3       4       5       6       7       8       losure:	ory: Past burn FC codes lead species Second FC codes	ERISTICS:(not used in Lillooet project)1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital lettersSP1 onlySP2 onlyHST grouping of height classes 1-2HST grouping of height classes 4-8height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)class 2 = 10.5 to 19.4 mclass 3 = 19.5 to 28.4 mclass 5 = 37.5 to 46.4 mclass 6 = 46.5 to 55.4 mclass 7 = 55.5 to 64.4 mclass 8 = 64.5 +
Disturban D Species: Sp SpL SpS Height: H HC HC HC HC HC HC HC HC Crown C CC CC CC	s       1       2       3       4       5       6       7       8       losure:       0	ory: Past burn FC codes lead species Second FC codes FC codes	<b>ERISTICS:</b> (not used in Lillooet project)1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital lettersSP1 onlySP2 onlyHST grouping of height classes 1-2HST grouping of height classes 1-2HST grouping of height classes 4-8height class 4-8height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)class 2 = 10.5 to 19.4 mclass 3 = 19.5 to 28.4 mclass 4 = 28.5 to 37.4 mclass 5 = 37.5 to 46.4 mclass 5 = 37.5 to 46.4 mclass 6 = 46.5 to 55.4 mclass 8 = 64.5 to 55.4 m
Disturban D Species: Sp SpL SpS Height: H HC HC HC HC HC HC HC HC Crown C CC CC CC CRN CRN	s       1       1       1       1       2       3       4       5       6       7       8       losure:       0       c       0       1       1	ory: Past burn FC codes lead species Second FC codes FC codes	<b>ERISTICS:</b> (not used in Lillooet project)1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital lettersSP1 onlySP2 onlyHST grouping of height classes 1-2HST grouping of height classes 4-8height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)class 2 = 10.5 to 19.4 mclass 3 = 19.5 to 28.4 mclass 5 = 37.5 to 46.4 mclass 6 = 46.5 to 55.4 mclass 7 = 55.5 to 64.4 mclass 8 = 64.5 +CC grouping classes 0 to 3CC grouping classes 0 to 3CC grouping classes 0 to 3
Disturban D Species: Sp SpL SpS Height: H HC HC HC HC HC HC HC HC Crown C CC CC CC	s       1       1       1       1       2       3       4       5       6       7       8       Iosure:       0       c       0       1       2	ory: Past burn FC codes lead species Second FC codes FC codes	ERISTICS:(not used in Lillooet project)1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital lettersSP1 onlySP2 onlyHST grouping of height classes 1-2HST grouping of height classes 4-8height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)class 2 = 10.5 to 19.4 mclass 3 = 19.5 to 28.4 mclass 5 = 37.5 to 46.4 mclass 6 = 46.5 to 55.4 mclass 7 = 55.5 to 64.4 mclass 8 = 64.5 +CC grouping classes 0 to 3CC grouping classes 4+Crown class 0-5%
Disturban D Species: SpJ SpL SpS Height: H H H H H H H H H H H C H C C C C C C	s       1       1       1       1       2       3       4       5       6       7       8       losure:       0       c       0       1       1	ory: Past burn FC codes lead species Second FC codes FC codes	ERISTICS:(not used in Lillooet project)1st, 2nd or 3rd species listed - SP1, SP2, or SP3 – use capital lettersSP1 onlySP2 onlyHST grouping of height classes 1-2HST grouping of height classes 4-8height class 1 = 0.1 to 10.4 m from Forest Cover (HCTL_PR)class 2 = 10.5 to 19.4 mclass 3 = 19.5 to 28.4 mclass 5 = 37.5 to 46.4 mclass 6 = 46.5 to 55.4 mclass 8 = 64.5 +CC grouping classes 0 to 3CC grouping classes 4+Crown class 0-5%6-15%

CRN	4		36-45%
CRN	5		46-55%
CRN	6		56-65%
CRN	7		66-75%
CRN	8		76-85%
CRN	9		86-95%
CRN	10		96-100%
Age:	10		20-100 /0
A	m	mature	age classes 4 to 9, grouped together
AGE	1	mature	FC age class 1 (1-20)
AGE	2		FC age class 2 (21-40)
AGE	3		FC age class 3 (41-60)
AGE	4		FC age class 4 (61-80)
AGE	5		FC age class 5 (81-100)
AGE	6		FC age class 6 (101-120)
AGE	7		FC age class 7 (121-140)
AGE	8		FC age class 8 (141-250)
AGE	9		FC age class 9 (250+)
TERRAI	N MAPI	PING FEATU	RES:
Terrain I	Decile: (	all T are labele	d "Tdec_1" in the terrain database)
		majority	Decile grouping of 7, 8, 9 and 10
			This is done automatically since only those terrain polygons of decile 7 or
			greater are included in the PEM database. Note that in the Matrix database,
			the TS column can be "0" due to the terrain polygons having less than decile
			7 for the first label.
		Materials: (the	TS layer is created from the "Surfm_1" column in the terrain database)
TS	A		Anthropogenic
TS	C		Colluvial
TS	D		Weathered bedrock
TS	E		Eolian
TS	F		Fluvial
TS	FA		Active Fluvial
TS	FG		Glaciofluvial
TS	I		Ice
TS	L		Lacustrine
TS	LG		Glaciolacustrine
TS	M M1		Morainal
TS	M1		Morainal
TS TS	0 D		Organic Rock
TS TS	R U		Undifferentiated
TS			Volcanic
		Fynression (+	the TE layer is created from the "Surf_E1" column in the terrain database)
			mbinations, only the following will be included in the TE layer )
TE	(1 nere a	b, br, bv, w,	Blanket, blanket-ridge, blanket-veneer, variable thickness, variable-veneer
		U, UI, UV, W, WV,	Dianker, Dianker-Huge, Dianker-veneer, variable unekness, variable-veneer
TE	2	c, cb, cf, cv,	Cone, cone-blanket, cone-fan, cone-veneer, veneer-cone
11	2	vc	cone, cone oranket, cone ran, cone-veneer, veneer-cone
ТЕ	3	f, fp, ft, vf	Fan, fan-plain, fan-terrace, veneer-fan
TE	4	h, hr, m, u,	Hummocky, hummocky-ridged, rolling, undulating, undulating-hummocky,
		uh, uj, ur	undulating-gentle, undulating-ridged
L	1	, wj, wi	

TE	5	p, pj, pt	Fluvial, lacustrine or organic plains, plain-gentle slope, plain-terrace
TE	6	r, rs, sr, rv,	Strongly ridged: ridge-veneer, ridge-steep slope, steep-ridge, veneer-ridge,
	Ŭ	vr, kr	moderately steep-ridged
TE	7	ra, rj, rm, rh,	Lightly ridged (i.e. eskers or drumlins): ridge-moderate slope, ridge-gentle
12		rt, ru	slope, ridge-rolling, ridge-hummocky, ridge-terrace, ridge-undulating,
TE	8	t, tj, tp	Terrace, terrace-gentle, terrace-plain
TE	9	v, vb, vk,	Veneer, veneer-blanket, veneer-moderate slope, moderate slope-veneer,
12	-	kv, vw, vx,	veneer-variable, veneer-very thin veneer, very thin veneer, very thin veneer-
		X, XV	veneer
Terrain S	Subsurfa		(the TU layer is created from the "Ssurfm_1" column in the terrain database)
TU	R		Rock
TU	V		Volcanic
	Geologic	al Processes: (	(the TG layer is created from the "Geop_1" column in the terrain database)
			Other labels are available in the terrain database but won't be used in the KB's
TG	Α		Avalanche
TG	F		Slow Mass Movement
TG	R		Rapid Mass Movement
Terrain I	Drainage	e: (the TD layer	is created from the "Drain_1" column in the terrain database)
TD	r		Rapid (the second drainage label is present in only a few cases so therefore
			won't be used in the KB's)
TD	W		well
TD	m		moderate
TD	i		imperfect
TD	р		poor
TD	V		very poor
Terrain [	Texture:	(the TX layer	is created from the "Ttex_1" column in the terrain database)
TX	a, b, k,	p, s, \$, c	Blocks, boulders, cobbles, pebbles, sand, silt, clay
TX	d, x, g,	r, m, y	Mixed fragments, angular fragments, gravel, rubble, mud, shells
TX	e, u, h		Fibric, mesic, humic
SOIL DE	ESCRIPT	<b>FION:</b> (not use	ed in this PEM Project)
	LITE IM	AGERY: (the	PEM polygons only include the SA values that are > 50% of the polygon)
SA	1		Forest - closed
SA	2		Krumholtz-Parkland Forest
SA	3		Big Sage Grassland (cutblocks)
SA	4		Open Forest – Fescue Grassland mix
SA	5		Alpine Heathland
SA	6		Herbaceous Meadow (Alpine)
SA	7		Open Forest – Pinegrass Grassland / Deciduous Shrub
SA	8		Landslide
SA	9		Talus (high elevation exposed soil and rock)
SA	10		Rock
SA	11		Snow
	1 10		Water
SA	12		
SA	13		Unclassified
SA SOLAR	13 RADIAT	TION RANGE	S: (highest value assigned to the PEM polygon – avoids "noise" of several
SA SOLAR pixel clas	13 RADIAT	TION RANGE	<b>S:</b> (highest value assigned to the PEM polygon – avoids "noise" of several
SA SOLAR pixel clas SR	13 <b>RADIA</b> (sses) 1	FION RANGE	S: (highest value assigned to the PEM polygon – avoids "noise" of several Full South-facing, no obstructions – Intensive solar radiation
SA SOLAR pixel clas SR SR	13 <b>RADIA</b> isses)       1       2	FION RANGE	S: (highest value assigned to the PEM polygon – avoids "noise" of several Full South-facing, no obstructions – Intensive solar radiation Warm aspects – east or west – moderate solar radiation
SA SOLAR pixel clas SR SR SR	13       RADIAT       sses)       1       2       3		S: (highest value assigned to the PEM polygon – avoids "noise" of several Full South-facing, no obstructions – Intensive solar radiation

TEM Stu	ructural Stage:	
TSS	1	Shrub (1 to 20 years)
TSS	2	Pole/sapling (20 to 40 years)
TSS	3	Young (40 to 80 years)
TSS	4	Mature (80 to 240 years)
TSS	5	Old (240+ years)