



SILVICULTURE SURVEY PLOT SUMMARY CARD

MAPSHEET - OPENING NO.		LICENCE NO.		CUTTING PERMIT		BLOCK		STANDARDS UNIT		STRATUM		REPORT DATE Y M D	
PROJECT IDENTIFICATION		LICENSEE		PLOT MULTIPLIER (pm)		TARGET 'M' VALUE (MWF)		PLANTING 'M' VALUE (MP)		STRATUM AREA (ha)		DATA ENTRY DATE Y M D	
BGC ZONE, SUBZONE, VARIANT, SITE SERIES		TARGET STOCKING STANDARD (TSS) /ha		MINIMUM STOCKING STANDARD (MSS or MSS p + a) /ha		MINIMUM PREFERRED STOCKING STANDARD (MSS p) /ha		COMPILED BY		DATA ENTRY BY			

NO. PLOTS (n)	LAYER	TOTAL TREES (T)	TOTAL CONIFERS (TC)	COUNT. CONIFERS (CC)	PREFERRED AND ACCEPTABLE SPECIES										PLANTABLE (P)	PREPARABLE (PR)	TOTAL NUMBER "IN" (TNI)
					SUM of PREFERRED												
SUM OF WS DISREGARDING THE 'M' VALUE (WnoM's)			=														
WELL SPACED SPECIES COMPOSITION																	
SUM OF FG DISREGARDING THE 'M' VALUE (FGnoM's)			=														
FREE GROWING SPECIES COMPOSITION																	
<p>T x pm ÷ n = _____ TOTAL TREES per ha</p> <p>TC x pm ÷ n = _____ TOTAL CONIFERS per ha</p> <p>CC x pm ÷ n = _____ COUNTABLE CONIFERS per ha</p> <p>WnoM's x pm ÷ n = _____ TOTAL WELL-SPACED per ha (disregarding the M-value)</p> <p>FGnoM's x pm ÷ n = _____ TOTAL FREE GROWING per ha (disregarding the M-value)</p> <p>[(WM's x MWF) + W] x pm ÷ n = _____ WELL SPACED per ha x SPW = _____ PREFERRED WELL SPACED per ha</p> <p>[(FGM's x MWF) + FG] x pm ÷ n = _____ FREE GROWING per ha x SPFG = _____ PREFERRED FREE GROWING per ha</p> <p>[CPM's x MP + P] x pm ÷ n = _____ PLANTABLE SPOTS per ha PR x pm ÷ n = _____ POTENTIALLY PREPARABLE per ha</p> <p>TNI ÷ n x BAF = _____ LAYER 1 BASAL AREA per ha</p>										<p>SITE INDEX REMINDERS</p> <ul style="list-style-type: none"> - The site index species is the leading species as found in the inventory and silviculture labels for this stratum. - Accuracy Preference is: <ol style="list-style-type: none"> 1. Growth Intercept <ul style="list-style-type: none"> - very careful measurement of 10 heights and ages at 1.3m samples - look up the SI for each sample on the FS 415 for the site index species - average the 10 SI's 2. SIBEC 3. Site Class Conversion 							
										GROWTH INTERCEPT SAMPLES		AVERAGE SITE INDEX					
										TREE #	Age at 1.3m	Total Height	TREE SI				
										1							
										2							
										3							
										4							
										5							
										6							
										7							
										8							
										9							
										10							

SURVEY CONFIDENCE LIMITS FOR		STANDARD DEVIATION (S)		STANDARD ERROR OF THE MEAN (Sx)		T VALUE (t.90)		CONFIDENCE INTERVAL (CI) ± _____ tr per ha		LOWER CONFIDENCE LIMIT (LCL) ± _____ tr per ha	
<input type="checkbox"/> WELL SPACED	<input type="checkbox"/> FREE GROWING										

INVENTORY LABEL SPECIES COMPOSITION 'ROUGHLY AVERAGED' TO NEAREST 10%												Ldg. Age	2 nd Age	Ldg. Height (m)	2 nd Height (m)	Site Index	Source Code	CC %	TOTAL TREES/ha	SURVEY YEAR
Leading Species	%	2 nd Spp	%	Spp	%	Spp	%	Spp	%	Spp	%							()		

SILVICULTURE LABEL SPECIES COMPOSITION MATHEMATICALLY AVERAGED TO NEAREST 1% FROM CALCULATIONS ABOVE												Age	Height (m)	Site Index	Source Code	TOTAL TREES/ha	SURVEY YEAR	
<input type="checkbox"/> NSR	Leading Species	%	2 nd Spp	%	Spp	%	Spp	%	Spp	%	Spp	%						()
<input type="checkbox"/> SR																		
<input type="checkbox"/> FG																		



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REPORT DATE	Y M D

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SUMMARY OF COMPETING VEGETATION														PEST INFORMATION SUMMARY					REPORT RESULTS IN COLUMN 9				
SPECIES (INCLUDE THE MAIN COMPETING SPECIES)	ESTI- MATED % COVER	CURRENT HEIGHT (m)			ANN- UAL HT. INCRE- MENT (cm)	DISTRIBU- TION			CURRENT COMPETITION			POTENTIAL COMPETITION			1 PEST CODE	- AREA (ha) IF ONLY PART OF THE STRA- TUM AFFECTED	2 TOTAL TREES (sum of Total Trees column) T	4 LIVE TREES AFFECTED (sum of Live Trees Affected column)	5 DEAD TREES AFFECTED (sum of Dead Tree column)	6 HOST SPECIES COMP. (from Inventory Label) (expressed as a decimal)	9 % HOST TREES AFFECTED $\left\{ \frac{\textcircled{4} + \textcircled{5}}{[(\textcircled{2} \times \textcircled{6}) + \textcircled{5}]} \right\} \times 100$		
		MINIMUM	MAXIMUM	AVERAGE		CONTINUOUS	PATCHY	SCATTERED	HIGH	MEDIUM	LOW	NIL	HIGH	MEDIUM								LOW	NIL

PRIMARY TREATMENT RECOMMENDATIONS AND CONSIDERATIONS	RECOMMENDED TREATMENTS	ALTERNATE TREATMENT RECOMMENDATIONS AND CONSIDERATIONS
INCLUDE: OBJECTIVES, METHODS, YEAR, SEASON, SPECIES, PRIORITY ETC.		