



# MINISTRY OF FORESTS

# SILVICULTURE SURVEY

USE THIS FORM TO STATE THE STANDARDS USED FOR THE  
SURVEY AND GATHER DESCRIPTIVE DATA FOR EACH STRATUM.  
SEE ALSO FS 658, FS 659 AND FS 660 SILVICULTURE REFERENCE CARD.

PAGE	OF
SURVEY DATE	Y M D
HISTORY SYMBOL	⊕

ADM IN.	REGION	DISTRICT	LOCATION			PROJECT IDENTIFICATION/ CONTRACT NUMBER	
	MAPSHEET - OPENING NO.		LICENCE NO.	CUTTING PERMIT	BLOCK	STANDARDS UNIT	STRATUM
	LICENSEE		SURVEYOR NAME(S) & REGISTRATION NO(S).				STRATUM AREA (ha)

SITE AND SURVEY FACTORS	SURVEY OBJECTIVES		<input type="checkbox"/> REGEN DELAY	<input type="checkbox"/> STOCKING	<input type="checkbox"/> PLANTABILITY	<input type="checkbox"/> FREE GROWING	<input type="checkbox"/> BRUSHING	<input type="checkbox"/> MAXIMUM DENSITY	<input type="checkbox"/> OTHER
	SITE ELEVATION: MINIMUM: _____ MAXIMUM: _____ AVERAGE: _____ ASPECT: _____ SLOPE POSITION: _____ SURFACE EXPRESSION: _____ SLOPE %: MIN. _____ MAX. _____ AVG. _____								
	SOIL		LHF (cm): _____ HUMUS FORM: _____ SOIL TEXTURE: _____ EFFECTIVE ROOTING DEPTH (cm): _____		SOIL DEPTH (cm): _____ DRAINAGE: <input type="checkbox"/> GOOD <input type="checkbox"/> FAIR <input type="checkbox"/> POOR				
	COARSE FRAGMENTS <input type="checkbox"/>		LOW (< 35%) <input type="checkbox"/>		MODERATE (35-70%) <input type="checkbox"/>		HIGH (> 70%) <input type="checkbox"/>		
ECOLOGICAL CLASSIFICATION FOR MOST PREDOMINANT AREA OF STRATUM BGC ZONE: _____ SUBZONE: _____ VARIANT: _____ SITE SERIES: _____ EDATOPIC GRID: Moisture: _____ Nutrients: _____									

SITE AND SURVEY FACTORS	ACCEPTABLE TREE CHARACTERISTICS AND SURVEY PARAMETERS (STOCKING STANDARDS)				Free Growing Damage Standards Used: <input type="checkbox"/> FS 660, _____ YY/MM/DD <input type="checkbox"/> Other: _____							
	ACCEPTABILITY	SPECIES	WS HT. / AGE	MIN. FG HT.	LAYER	TARGET STOCKING STANDARD	MAXIMUM PER PLOT or 'M' VALUE	INTER-TREE SPACING IDEAL	MINIMUM	MINIMUM STOCKING STANDARD PREF. + ACC. (p) (a)	PREFERRED (p)	CONIFER TO BRUSH RATIO (%)
					1			No Longer Used				
					2							MAXIMUM DENSITY (Countable Conifers/ha)
					3							
					4							BASAL AREA FACTOR (BAF)
SAMPLING METHOD		DISTANCE BETWEEN PLOTS		PLANTING STOCKING STANDARD								
<input type="checkbox"/> Visual Assessment		PLOTS _____ m LINES _____ m		= (TARGET STOCKING STANDARD + EXPECTED SURVIVAL RATE _____ %) - NATURAL FILL-IN tr/ha								
<input type="checkbox"/> Representative Sampling		RADIUS AREA MULTIPLIER										
<input type="checkbox"/> Vector Sampling		<input type="checkbox"/> 3.99m 50 200										
<input type="checkbox"/> Grid Sampling		<input type="checkbox"/> 5.64m 100 100										
		<input type="checkbox"/> _____m _____										



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## GENERAL SITE INFORMATION

PAGE \_\_\_\_ OF \_\_\_\_

MAPSHEET - OPENING NO.	LICENCE NO.	CUTTING PERMIT	BLOCK	STANDARDS UNIT	STRATUM
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DESCRIPTION OF ACCEPTABLE PLANTABLE SPOTS

SCREENING DEPTH \_\_\_\_\_ (cm)      SCALP SIZE \_\_\_\_\_ x \_\_\_\_\_ (cm)

TREE SPECIES PLANTERS MUST RECOGNIZE (PRESENT BUT UNACCEPTABLE) \_\_\_\_\_ MINIMUM HEIGHT FOR TREES TO BE VISIBLE \_\_\_\_\_ (cm)

ACCEPTABLE PLANTING MEDIUM ☐ MINERAL SOIL ☐ WELL DECOMPOSED ORGANIC MATERIAL

☐ OTHER \_\_\_\_\_

PLANTING DIFFICULTY: (from FS 660 and 703) \_\_\_\_\_ Points ☐ EASY ☐ DIFFICULT

☐ MODERATE ☐ SEVERE

VISUAL ESTIMATE OF SITE CONDITIONS

ESTIMATED SLASH COVER: \_\_\_\_\_ %      AVERAGE SLASH HEIGHT: \_\_\_\_\_ (cm)

SLASH CLASS: ☐ HIGH ☐ MEDIUM ☐ LOW ☐ NIL

SLASH DISTRIBUTION: ☐ CONTINUOUS ☐ PATCHY ☐ SCATTERED

ESTIMATED BRUSH COVER: \_\_\_\_\_ %      AVERAGE BRUSH HEIGHT: \_\_\_\_\_ (m)

BRUSH SEVERITY: ☐ HIGH ☐ MEDIUM ☐ LOW ☐ NIL

BRUSH DISTRIBUTION: ☐ CONTINUOUS ☐ PATCHY ☐ SCATTERED INDIVIDUALS

POTENTIAL DANGER TREES: ESTIMATED DENSITY: \_\_\_\_\_ / ha WITHIN THE STRATUM

☐ ON THE PERIMETER/OUTSIDE THE STRATUM

WORK HAZARD: ☐ HIGH ☐ MEDIUM ☐ LOW ☐ NIL

MACHINE TRAFFICABILITY: ☐ GOOD ☐ MEDIUM ☐ LOW ☐ NIL

SOIL COMPACTION HAZARD: ☐ HIGH ☐ MEDIUM ☐ LOW ☐ NIL

INDICATE THE PRESENCE OR ABSENCE OF THE FOLLOWING:

WATER BODIES	<input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE _____
HIGH WATER TABLE	<input type="checkbox"/> YES <input type="checkbox"/> NO	DEPTH _____
FISHERIES VALUES	<input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE _____
WILDLIFE VALUES	<input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE _____
RANGE USE	<input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE _____
FOREST HEALTH FACTORS	<input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE _____
RECREATION VALUES	<input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE _____
OTHER RESOURCE VALUES	<input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE _____

ACCESS

LAND					AIR			WATER
2WD	4WD	ATV	WALK	TOTAL	FLOAT	WHEEL	HELI.	
DISTANCE      +      +      +      =								
(km)					(hrs)			

TOTAL TRAVEL TIME

\_\_\_\_\_ HOURS FROM \_\_\_\_\_ (LOCATION: City or major local landmark)

POTENTIAL ROAD CONSTRUCTION AND MAINTENANCE PROBLEMS: (Show details on map)

ROAD DEACTIVATED \_\_\_\_\_ km before this block

CULVERTS:      Number      Length      Diameter

SLIDE - Width \_\_\_\_\_ (m)      \_\_\_\_\_ (m)      \_\_\_\_\_ (cm)

WASHOUT - Length \_\_\_\_\_ (m)      \_\_\_\_\_ (m)      \_\_\_\_\_ (cm)

NEW ROAD - Length \_\_\_\_\_ (m)      \_\_\_\_\_ (m)      \_\_\_\_\_ (cm)

OTHER (DESCRIPTION OF MAJOR LIMITING SITE FACTORS, TREATMENT OBJECTIVES AND NEARBY PEST OR SITE PROBLEMS)