



# 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 \_\_\_\_\_

<b>ADMIN.</b>	REGION CONTRACT NUMBER	DISTRICT	LOCATION			PROJECT IDENTIFICATION/		SURVEY Y M D
	MAPSHEET - OPENING NO.		LICENCE NO.	CUTTING PERMIT	BLOCK	STANDARDS UNIT	STRATUM	HISTORY SYMBOL
	LICENSEE	AIR PHOTO NO. USED	SURVEYOR NAME(S) & REGISTRATION NO(S).				STRATUM AREA (ha)	⊕

**SURVEY OBJECTIVES**    REGEN DELAY    STOCKING    PLANTABILITY    FREE GROWING    BRUSHING    MAXIMUM DENSITY    OTHER \_\_\_\_\_

**SITE**   ELEVATION: MINIMUM: \_\_\_\_\_ MAXIMUM: \_\_\_\_\_ AVERAGE: \_\_\_\_\_ ASPECT: \_\_\_\_\_ SLOPE POSITION: \_\_\_\_\_ SURFACE EXPRESSION: \_\_\_\_\_ SLOPE %: MINIMUM \_\_\_\_\_ MAXIMUM \_\_\_\_\_ AVERAGE \_\_\_\_\_

**SOIL**   LFH (cm): \_\_\_\_\_ HUMUS FORM: \_\_\_\_\_ SOIL TEXTURE: \_\_\_\_\_ EFFECTIVE ROOTING DEPTH (cm): \_\_\_\_\_ SOIL DEPTH (cm): \_\_\_\_\_ DRAINAGE:  GOOD    FAIR    POOR  
 COARSE FRAGMENTS    LOW (< 35%)    MODERATE (35-70%)    HIGH (> 70%)

**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)**

p a u PREFERRED = ACCEPTABLE = UNACCEPTABLE =	ACCEPTABILITY	SPECIES	WS HT. / AGE	MIN. FG HT.	<input type="checkbox"/> Silviculture Plan or Prescription Used	Free Growing Damage Standards Used: <input type="checkbox"/> FS 660, _____ YY/MM/DD							
					<input type="checkbox"/> Free Growing Guidelines Standards Used	<input type="checkbox"/> Other: _____							
					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 <input type="checkbox"/> Visual Assessment <input type="checkbox"/> Representative Sampling <input type="checkbox"/> Vector Sampling <input type="checkbox"/> Grid Sampling		DISTANCE BETWEEN PLOTS _____ m LINES _____ m RADIUS AREA MULTIPLIER <input type="checkbox"/> 3.99m 50 200 <input type="checkbox"/> 5.64m 100 100 <input type="checkbox"/> _____ m _____			PLANTING STOCKING STANDARD = (TARGET STOCKING STANDARD ÷ EXPECTED SURVIVAL RATE _____%) – NATURAL FILL-IN tr/ha								



# GENERAL SITE INFORMATION

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

ACCEPTABLE PLANTING MEDIUM  MINERAL SOIL  WELL DECOMPOSED ORGANIC MATERIAL  
 OTHER \_\_\_\_\_

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

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

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  YES  NO TYPE \_\_\_\_\_

HIGH WATER TABLE  YES  NO DEPTH \_\_\_\_\_

FISHERIES VALUES  YES  NO TYPE \_\_\_\_\_

WILDLIFE VALUES  YES  NO TYPE \_\_\_\_\_

RANGE USE  YES  NO TYPE \_\_\_\_\_

FOREST HEALTH FACTORS  YES  NO TYPE \_\_\_\_\_

RECREATION VALUES  YES  NO TYPE \_\_\_\_\_

OTHER RESOURCE VALUES  YES  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)

**ACCOMMODATION**  MOTEL  CAMPSITE (NAME: \_\_\_\_\_ )  NONE  OTHER \_\_\_\_\_

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

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