WOODLAND MANAGEMENT AND PRODUCTIVITY
Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
Ad:										
ALLUVIAL LAND	---	---	---	---	---	---	---	---	---	---
BaA:										
BEALES	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch	42	1	white spruce
							quaking aspen	42	1	
							white spruce	70	2	
NENANA	---	---	---	---	---	---	---	---	---	---
BaB:										
BEALES	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch	42	1	white spruce
							quaking aspen	42	1	
							white spruce	70	2	
AQUEPTS	---	---	---	---	---	---	---	---	---	---
CHENA	---	---	---	---	---	---	---	---	---	---
NENANA	---	---	---	---	---	---	---	---	---	---
BaC:										
BEALES	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch	42	1	white spruce
							quaking aspen	42	1	
							white spruce	70	2	
TANANA	---	---	---	---	---	---	---	---	---	---
VOLKMAR	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce	---	---	white spruce
							paper birch	61	3	
							white spruce	87	3	

WOODLAND MANAGEMENT AND PRODUCTIVITY
Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

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Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
BaE:										
BEALES----------	2S	Moderate	Moderate	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
Br:										
BRADWAY----------	---	---	---	---	---	---	----------	---	---	---
LEMETA----------	---	---	---	---	---	---	----------	---	---	---
ChA:										
CHENA----------	---	---	---	---	---	---	----------	---	---	---
JARVIS----------	2D	Slight	Slight	Slight	Moderate	Moderate	paper birch---------	50	2	white spruce
							quaking aspen-------	60	4	
							white spruce--------	80	2	
CnA:										
CHENA----------	---	---	---	---	---	---	----------	---	---	---
AQUEPTS----------	---	---	---	---	---	---	----------	---	---	---
NENANA----------	---	---	---	---	---	---	----------	---	---	---
WATER----------	---	---	---	---	---	---	----------	---	---	---
CnB:										
CHENA----------	---	---	---	---	---	---	----------	---	---	---
AQUEPTS----------	---	---	---	---	---	---	----------	---	---	---
NENANA----------	---	---	---	---	---	---	----------	---	---	---
WATER----------	---	---	---	---	---	---	----------	---	---	---

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Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

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Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
EsD:										
ESTER----------	---	---	---	---	---	---	----------	---	---	---
GILMORE---------	---	---	---	---	---	---	----------	---	---	---
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
STEESE----------	---	---	---	---	---	---	----------	---	---	---
EsE:										
ESTER----------	---	---	---	---	---	---	----------	---	---	---
GILMORE---------	---	---	---	---	---	---	----------	---	---	---
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
STEESE----------	---	---	---	---	---	---	----------	---	---	---
EsF:										
ESTER----------	---	---	---	---	---	---	----------	---	---	---
GILMORE---------	---	---	---	---	---	---	----------	---	---	---
STEESE----------	---	---	---	---	---	---	----------	---	---	---
FaB:										
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
MINTO----------	---	---	---	---	---	---	----------	---	---	---
STEESE----------	---	---	---	---	---	---	----------	---	---	---

WOODLAND MANAGEMENT AND PRODUCTIVITY
Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
FaC:										
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
MINTO-----------	---	---	---	---	---	---	----------	---	---	---
STEESE----------	---	---	---	---	---	---	----------	---	---	---
FaD:										
FAIRBANKS-------	2R	Moderate	Moderate	Moderate	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
MINTO-----------	---	---	---	---	---	---	----------	---	---	---
STEESE----------	---	---	---	---	---	---	----------	---	---	---
FaE:										
FAIRBANKS-------	2R	Moderate	Moderate	Moderate	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
STEESE----------	---	---	---	---	---	---	----------	---	---	---
FaF:										
FAIRBANKS-------	2R	Severe	Severe	Severe	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
STEESE----------	---	---	---	---	---	---	----------	---	---	---
ESTER-----------	---	---	---	---	---	---	----------	---	---	---

WOODLAND MANAGEMENT AND PRODUCTIVITY
Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
GmC:										
GILMORE---------	---	---	---	---	---	---	---	---	---	---
STEESE----------	---	---	---	---	---	---	---	---	---	---
GmD:										
GILMORE---------	---	---	---	---	---	---	---	---	---	---
STEESE----------	---	---	---	---	---	---	---	---	---	---
GmE:										
GILMORE---------	---	---	---	---	---	---	---	---	---	---
STEESE----------	---	---	---	---	---	---	---	---	---	---
ESTER-----------	---	---	---	---	---	---	---	---	---	---
GmF:										
GILMORE---------	---	---	---	---	---	---	---	---	---	---
ROCK OUTCROPPINGS---	---	---	---	---	---	---	---	---	---	---
GrF:										
GILMORE---------	---	---	---	---	---	---	---	---	---	---
GtA:										
GOLDSTREAM------	---	---	---	---	---	---	---	---	---	---
BRADWAY---------	---	---	---	---	---	---	---	---	---	---
LEMETA----------	---	---	---	---	---	---	---	---	---	---
TANANA----------	---	---	---	---	---	---	---	---	---	---

WOODLAND MANAGEMENT AND PRODUCTIVITY
Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
GtB:										
GOLDSTREAM------	---	---	---	---	---	---	----------	---	---	---
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
MINTO----------	---	---	---	---	---	---	----------	---	---	---
GuA:										
GOLDSTREAM VARIANT--------	---	---	---	---	---	---	----------	---	---	---
Gv:										
GRAVEL PITS-----	---	---	---	---	---	---	----------	---	---	---
Ja:										
JARVIS----------	2D	Slight	Slight	Slight	Moderate	Moderate	paper birch---------	50	2	white spruce
							quaking aspen-------	60	4	
							white spruce--------	80	2	
BRADWAY---------	---	---	---	---	---	---	----------	---	---	---
SALCHAKET-------	3A	Slight	Slight	Slight	Slight	Moderate	balsam poplar-------	---	---	white spruce
							white spruce--------	94	3	
TANANA----------	---	---	---	---	---	---	----------	---	---	---

WOODLAND MANAGEMENT AND PRODUCTIVITY
Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
Js:										
JARVIS----------	2D	Slight	Slight	Slight	Moderate	Moderate	paper birch---------	50	2	white spruce
							quaking aspen-------	60	4	
							white spruce--------	80	2	
BRADWAY---------	---	---	---	---	---	---	----------	---	---	---
CHENA----------	---	---	---	---	---	---	----------	---	---	---
SALCHAKET-------	3A	Slight	Slight	Slight	Slight	Moderate	balsam poplar-------	---	---	white spruce
							white spruce--------	94	3	
La:										
LOCAL ALLUVIAL LAND----------	---	---	---	---	---	---	----------	---	---	---
PEAT----------	---	---	---	---	---	---	----------	---	---	---
WATER----------	---	---	---	---	---	---	----------	---	---	---
Lp:										
LEMETA----------	---	---	---	---	---	---	----------	---	---	---
GOLDSTREAM------	---	---	---	---	---	---	----------	---	---	---
TANANA----------	---	---	---	---	---	---	----------	---	---	---
WATER----------	---	---	---	---	---	---	----------	---	---	---

WOODLAND MANAGEMENT AND PRODUCTIVITY
Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
MnA:										
MINTO----------	---	---	---	---	---	---	----------	---	---	---
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch--------- quaking aspen------- white spruce--------	60 65 83	3 4 2	white spruce
GOLDSTREAM------	---	---	---	---	---	---	----------	---	---	---
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
TANANA----------	---	---	---	---	---	---	----------	---	---	---
MnB:										
MINTO----------	---	---	---	---	---	---	----------	---	---	---
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch--------- quaking aspen------- white spruce--------	60 65 83	3 4 2	white spruce
GOLDSTREAM------	---	---	---	---	---	---	----------	---	---	---
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
TANANA----------	---	---	---	---	---	---	----------	---	---	---
MnC:										
MINTO----------	---	---	---	---	---	---	----------	---	---	---
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch--------- quaking aspen------- white spruce--------	60 65 83	3 4 2	white spruce
SAULICH---------	---	---	---	---	---	---	----------	---	---	---

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(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
MnD:										
MINTO----------	---	---	---	---	---	---	----------	---	---	---
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
STEESE----------	---	---	---	---	---	---	----------	---	---	---
NaA:										
NENANA----------	---	---	---	---	---	---	----------	---	---	---
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
CHENA----------	---	---	---	---	---	---	----------	---	---	---
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	

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Map symbol and soil name	Ordination symbol	Management concerns: Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index	Volume of wood fiber	Suggested trees to plant
									m3/ha	
NaB:										
NENANA----------	---	---	---	---	---	---	---	---	---	---
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
CHENA----------	---	---	---	---	---	---	---	---	---	---
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
NaC:										
NENANA----------	---	---	---	---	---	---	---	---	---	---
AQUEPTS---------	---	---	---	---	---	---	---	---	---	---
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
CHENA----------	---	---	---	---	---	---	---	---	---	---
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
NaD:										
NENANA----------	---	---	---	---	---	---	---	---	---	---
CHENA----------	---	---	---	---	---	---	---	---	---	---
AQUEPTS---------	---	---	---	---	---	---	---	---	---	---

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Salcha-Big Delta Area, Alaska: Detailed Soil Map Legend

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									m3/ha	
NeA:										
NENANA----------	---	---	---	---	---	---	---	---	---	---
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
NeB:										
NENANA----------	---	---	---	---	---	---	---	---	---	---
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
NeC:										
NENANA----------	---	---	---	---	---	---	---	---	---	---
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
RcA:										
RICHARDSON------	3W	Slight	Moderate	Slight	Slight	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
NENANA----------	---	---	---	---	---	---	---	---	---	---
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	

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									m3/ha	
Sc:										
SALCHAKET-------	3A	Slight	Slight	Slight	Slight	Moderate	balsam poplar-------	---	---	white spruce
							white spruce--------	94	3	
JARVIS----------	2D	Slight	Slight	Slight	Moderate	Moderate	paper birch---------	50	2	white spruce
							quaking aspen-------	60	4	
							white spruce--------	80	2	
BRADWAY---------	---	---	---	---	---	---	----------	---	---	---
SuB:										
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
GOLDSTREAM------	---	---	---	---	---	---	----------	---	---	---
MINTO-----------	---	---	---	---	---	---	----------	---	---	---
SuC:										
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
GOLDSTREAM------	---	---	---	---	---	---	----------	---	---	---
MINTO-----------	---	---	---	---	---	---	----------	---	---	---
SuD:										
SAULICH---------	---	---	---	---	---	---	----------	---	---	---
ESTER-----------	---	---	---	---	---	---	----------	---	---	---
MINTO-----------	---	---	---	---	---	---	----------	---	---	---

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									m3/ha	
SvC:										
STEESE----------	---	---	---	---	---	---	----------	---	---	---
ESTER----------	---	---	---	---	---	---	----------	---	---	---
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
GILMORE---------	---	---	---	---	---	---	----------	---	---	---
MINTO----------	---	---	---	---	---	---	----------	---	---	---
SvD:										
STEESE----------	---	---	---	---	---	---	----------	---	---	---
SvE:										
STEESE----------	---	---	---	---	---	---	----------	---	---	---
ESTER----------	---	---	---	---	---	---	----------	---	---	---
FAIRBANKS-------	2A	Slight	Slight	Slight	Slight	Moderate	paper birch---------	60	3	white spruce
							quaking aspen-------	65	4	
							white spruce--------	83	2	
GILMORE---------	---	---	---	---	---	---	----------	---	---	---
SvF:										
STEESE----------	---	---	---	---	---	---	----------	---	---	---
ESTER----------	---	---	---	---	---	---	----------	---	---	---
GILMORE---------	---	---	---	---	---	---	----------	---	---	---

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									m3/ha	
Ta:										
TANANA----------	---	---	---	---	---	---	----------	---	---	---
GOLDSTREAM------	---	---	---	---	---	---	----------	---	---	---
MINTO----------	---	---	---	---	---	---	----------	---	---	---
Tn:										
TANANA VARIANT--	---	---	---	---	---	---	----------	---	---	---
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
VkA:										
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
NENANA----------	---	---	---	---	---	---	----------	---	---	---
RICHARDSON------	3W	Slight	Moderate	Slight	Slight	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
TANANA----------	---	---	---	---	---	---	----------	---	---	---

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									m3/ha	
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VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
NENANA----------	---	---	---	---	---	---	----------	---	---	---
VmA:										
VOLKMAR---------	3A	Slight	Slight	Slight	Moderate	Moderate	black spruce--------	---	---	white spruce
							paper birch---------	61	3	
							white spruce--------	87	3	
BEALES----------	2S	Slight	Slight	Moderate	Severe	Moderate	paper birch---------	42	1	white spruce
							quaking aspen-------	42	1	
							white spruce--------	70	2	
W:										
WATER-----------	---	---	---	---	---	---	----------	---	---	---