

APPENDIX B

AVI V2.1 DATABASE

Structure for database: NETLND21.DBF

Number of data records: 73,059 (48 Townships)

V2.1 NET LANDBASE DATABASE STRUCTURE & DESCRIPTION

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
1	GIS_LINK	Numeric	20	0	Unique link to spatial coverage
2	AREAHA	Numeric	18	6	Area in hectares
3	FMA_IN	Character	1	0	FMA identifier – identifies areas in and out of the FMA area: in the FMA area (FMA_IN = "Y"); out of the FMA area (FMA_IN="").
4	DEL_REC	Character	3	0	Recreation area identifier
5	DEL_SUB	Character	3	0	Subjective deletion identifier
6	DEL_LAK	Character	3	0	Lake buffer (>4ha) identifier
7	DEL_LAK2	Character	3	0	Lake buffer (≤4ha) identifier
8	DEL_RIV	Character	3	0	River buffer identifier
9	DEL_STR6	Character	3	0	Perennial stream identifier
10	DEL_STR3	Character	3	0	Intermittent stream identifier
11	NR	Character	3	0	Natural region code
12	NR_NAME	Character	20	0	Natural region name
13	NSR	Character	2	0	Natural sub-region code
14	NSR_NAME	Character	25	0	Natural sub-region name
15	UPDATE99	Character	3	0	1999 orthophoto updates of anthropogenic disturbances
16	QUOTABLK	Character	1	0	Quota cutblock updates
17	CUTBLOCK	Numeric	2	0	Cutblock identifier – identifies all cutblocks including: AVI cutblocks (CUTBLOCK = 1); 1999 orthophoto cutblock updates (CUTBLOCK = 2). Quota cutblock updates

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
					(CUTBLOCK = 3)
18	NETDOWN ³	Numeric	2	0	Net down items – identifies all landbase categories: <ul style="list-style-type: none"> ◆ Net landbase (NETDOWN = 0); ◆ Recreation areas (NETDOWN = 1); ◆ Naturally non-forested (NETDOWN = 2); ◆ Anthropogenic non-forested (NETDOWN = 3); ◆ Lake buffers for lakes > 4 ha - 100m (NETDOWN = 4); ◆ River buffers - 60m (NETDOWN = 5); ◆ Stream buffers - 60m (NETDOWN = 6); ◆ Stream buffers - 30m (NETDOWN = 7); ◆ Lake buffers for lakes ≤4 ha - 20m (NETDOWN = 8); ◆ Subjective deletions (NETDOWN = 9); ◆ Unproductive TPR (NETDOWN = 10); ◆ Fair site SB/LT/FB & “S” species group (NETDOWN = 11).
19	AGE	Numeric	4	0	Stand age
20	AGECLASS	Numeric	4	0	10 year age class
21	SPGP	Character	2	0	Overstorey species group
22	COMPONEN	Numeric	1	0	Prioritization of horizontal component, based on area & AVI attributes
23	AOP_ID	Numeric	2	0	Identifies polygons scheduled for harvest in Approved AOP's
24	YC	Numeric	8	2	Yield curves developed from volume sampling data <ul style="list-style-type: none"> ◆ 10-AB-S-G (YC = 1) ◆ 10-AB-S-M (YC = 2) ◆ 10-AB-S-F (YC = 3)

³ To net down the landbase, select only records where the “NETDOWN” field is equal to “0”.

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
					<ul style="list-style-type: none"> ◆ 10-CD-S-G (YC = 4) ◆ 10-CD-S-M (YC = 5) ◆ 10-CD-S-F (YC = 6) ◆ 11-AB-S-G (YC = 7) ◆ 11-AB-S-M (YC = 8) ◆ 11-AB-S-F (YC = 9) ◆ 11-CD-S-G (YC = 10) ◆ 11-CD-S-M (YC = 11) ◆ 11-CD-S-F (YC = 12) ◆ A-AB-MX-A (YC = 13) ◆ A-CD-MX-A (YC = 14) ◆ A-AB-H-A (YC = 15) ◆ A-CD-H-A (YC = 16)
25	SYU	Character	2	0	Sustained Yield Unit (SYU)
26	FMU	Character	4	0	Forest Management Unit (FMU)
27	MER	Numeric	2	0	Meridian
28	TWP	Numeric	3	0	Township
29	RGE	Numeric	2	0	Range
30	PID	Numeric	4	0	Polygon identifier (stand number)
AVI OVERSTOREY ATTRIBUTES					
31	MOIST	Character	1	0	Moisture regime
32	CROWN	Character	1	0	Crown closure
33	HEIGHT	Numeric	2	0	Height (m)
34	SP1	Character	2	0	Species 1
35	PER1	Numeric	2	0	Species 1 percent
36	SP2	Character	2	0	Species 2
37	PER2	Numeric	2	0	Species 2 percent
38	SP3	Character	2	0	Species 3
39	PER3	Numeric	2	0	Species 3 percent
40	SP4	Character	2	0	Species 4
41	PER4	Numeric	2	0	Species 4 percent
42	SP5	Character	2	0	Species 5
43	PER5	Numeric	2	0	Species 5 percent
44	STR	Character	1	0	Stand structure
45	STRVAL	Numeric	2	0	Stand structure value
46	ORIGIN	Numeric	4	0	Origin
47	TPR	Character	1	0	Timber productivity rating
48	TPR_C	Character	1	0	Calculated timber productivity rating (N/A)
49	COND1	Character	2	0	Stand condition modifier 1

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
50	TREAT1	Character	2	0	Stand treatment modifier 1
51	EXT1	Numeric	2	0	Extent of stand condition / treatment 1
52	YEAR1	Numeric	4	0	Year of stand condition / treatment 1
53	COND2	Character	2	0	Stand condition modifier 2
54	TREAT2	Character	2	0	Stand treatment modifier 2
55	EXT2	Numeric	2	0	Extent of stand condition / treatment 2
56	YEAR2	Numeric	4	0	Year of stand condition / treatment 2
57	NAT_V	Character	2	0	Non-forested natural vegetated land type
58	NAT_CL	Numeric	2	0	Non-forested natural vegetated land shrub closure
59	ANTH_V	Character	3	0	Anthropogenic vegetated land
60	ANTH_N	Character	3	0	Anthropogenic non-vegetated land
61	NAT_N	Character	3	0	Naturally non-vegetated land
62	REF_SC	Character	1	0	Reference source
AVI UNDERSTOREY ATTRIBUTES					
63	U_MOIST	Character	1	0	Moisture regime
64	U_CROWN	Character	1	0	Crown closure
65	U_HEIGHT	Numeric	2	0	Height (m)
66	U_SP1	Character	2	0	Species 1
67	U_PER1	Numeric	2	0	Species 1 percent
68	U_SP2	Character	2	0	Species 2
69	U_PER2	Numeric	2	0	Species 2 percent
70	U_SP3	Character	2	0	Species 3
71	U_PER3	Numeric	2	0	Species 3 percent
72	U_SP4	Character	2	0	Species 4
73	U_PER4	Numeric	2	0	Species 4 percent
74	U_SP5	Character	2	0	Species 5
75	U_PER5	Numeric	2	0	Species 5 percent
76	U_STR	Character	1	0	Stand structure
77	U_STRVAL	Numeric	2	0	Stand structure value
78	U_ORIGIN	Numeric	4	0	Origin
79	U_TPR	Character	1	0	Timber productivity rating
80	U_TPR_C	Character	1	0	Calculated timber productivity rating (N/A)
81	U_COND1	Character	2	0	Stand condition modifier 1
82	U_TREAT1	Character	2	0	Stand treatment modifier 1
83	U_EXT1	Numeric	2	0	Extent of stand condition /

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
					treatment 1
84	U_YEAR1	Numeric	4	0	Year of stand condition / treatment 1
85	U_COND2	Character	2	0	Stand condition modifier 2
86	U_TREAT2	Character	2	0	Stand treatment modifier 2
87	U_EXT2	Numeric	2	0	Extent of stand condition / treatment 2
88	U_YEAR2	Numeric	4	0	Year of stand condition / treatment 2
89	U_NAT_V	Character	2	0	Non-forested natural vegetated land type
90	U_NAT_CL	Numeric	2	0	Non-forested natural vegetated land shrub closure
91	U_ANTH_V	Character	3	0	Anthropogenic vegetated land
92	U_ANTH_N	Character	3	0	Anthropogenic non-vegetated land
93	U_NAT_N	Character	3	0	Naturally non-vegetated land
94	U_REF_SC	Character	1	0	Reference source

NET LANDBASE DATABASE STRUCTURE & DESCRIPTION

AVI V2.2 DATABASE

Structure for database: NETLND22.DBF

Number of data records: 24,218 (13 Townships)

V2.2 NET LANDBASE DATABASE STRUCTURE & DESCRIPTION

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
1	GIS_LINK	Numeric	20	0	Unique link to spatial coverage
2	AREAHA	Numeric	18	6	Area in hectares
3	FMA_IN	Character	1	0	FMA identifier – identifies areas in and out of the FMA area: <ul style="list-style-type: none"> ◆ in the FMA area (FMA_IN = "Y"); ◆ out of the FMA area (FMA_IN="").
4	DEL_REC	Character	3	0	Recreation area identifier
5	DEL_SUB	Character	3	0	Subjective deletion identifier
6	DEL_LAK	Character	3	0	Lake buffer (>4ha) identifier
7	DEL_LAK2	Character	3	0	Lake buffer (≤4ha) identifier
8	DEL_RIV	Character	3	0	River buffer identifier
9	DEL_STR6	Character	3	0	Perennial stream identifier
10	DEL_STR3	Character	3	0	Intermittent stream identifier
11	NR	Character	3	0	Natural region code
12	NR_NAME	Character	20	0	Natural region name
13	NSR	Character	2	0	Natural sub-region code
14	NSR_NAME	Character	25	0	Natural sub-region name
15	UPDATE99	Character	3	0	1999 orthophoto updates of anthropogenic disturbances
16	CUTBLOCK	Numeric	2	0	Cutblock identifier – identifies all cutblocks including: <ul style="list-style-type: none"> ◆ AVI cutblocks (CUTBLOCK = 1); ◆ 1999 orthophoto cutblock updates (CUTBLOCK = 2).
17	NETDOWN ⁴	Numeric	2	0	Net down items – identifies all landbase categories: <ul style="list-style-type: none"> ◆ Net landbase (NETDOWN = 0); ◆ Recreation areas

⁴ To net down the landbase, select only records where the "NETDOWN" field is equal to "0".

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
					(NETDOWN = 1); <ul style="list-style-type: none"> ◆ Naturally non-forested (NETDOWN = 2); ◆ Anthropogenic non-forested (NETDOWN = 3); ◆ Lake buffers for lakes > 4 ha - 100m (NETDOWN = 4); ◆ River buffers - 60m (NETDOWN = 5); ◆ Stream buffers - 60m (NETDOWN = 6); ◆ Stream buffers - 30m (NETDOWN = 7); ◆ Lake buffers for lakes ≤4 ha - 20m (NETDOWN = 8); ◆ Subjective deletions (NETDOWN = 9); ◆ Unproductive TPR (NETDOWN = 10); ◆ Fair site SB/LT/FB & "S" species group (NETDOWN = 11).
18	AGE	Numeric	4	0	Stand age
19	AGECLASS	Numeric	4	0	10 year age class
20	SPGP	Character	2	0	Primary layer species group
21	SSPGP	Character	2	0	Secondary layer species group
22	COMPONEN	Numeric	1	0	Prioritization of horizontal component, based on area & AVI attributes
23	AOP_ID	Numeric	2	0	Identifies polygons scheduled for harvest in Approved AOP's
24	YC	Numeric	8	2	Yield curves developed from volume sampling data <ul style="list-style-type: none"> ◆ 10-AB-S-G (YC = 1) ◆ 10-AB-S-M (YC = 2) ◆ 10-AB-S-F (YC = 3) ◆ 10-CD-S-G (YC = 4) ◆ 10-CD-S-M (YC = 5) ◆ 10-CD-S-F (YC = 6) ◆ 11-AB-S-G (YC = 7) ◆ 11-AB-S-M (YC = 8) ◆ 11-AB-S-F (YC = 9)

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
					<ul style="list-style-type: none"> ◆ 11-CD-S-G (YC = 10) ◆ 11-CD-S-M (YC = 11) ◆ 11-CD-S-F (YC = 12) ◆ A-AB-MX-A (YC = 13) ◆ A-CD-MX-A (YC = 14) ◆ A-AB-H-A (YC = 15) ◆ A-CD-H-A (YC = 16)
25	SYU	Character	2	0	Sustained Yield Unit (SYU)
26	FMU	Character	4	0	Forest Management Unit (FMU)
27	MER	Numeric	2	0	Meridian
28	TWP	Numeric	3	0	Township
29	RGE	Numeric	2	0	Range
30	PID	Numeric	4	0	Polygon identifier (stand number)
AVI PRIMARY LAYER ATTRIBUTES					
31	MOIST	Numeric	2	0	Moisture regime
32	CROWN	Character	1	0	Crown closure (10% classes)
33	HEIGHT	Numeric	4	1	Stand height (m)
34	SP1	Character	2	0	Species 1
35	PER1	Numeric	2	0	Species 1 percent
36	SP2	Character	2	0	Species 2
37	PER2	Numeric	2	0	Species 2 percent
38	SP3	Character	2	0	Species 3
39	PER3	Numeric	2	0	Species 3 percent
40	SP4	Character	2	0	Species 4
41	PER4	Numeric	2	0	Species 4 percent
42	SP5	Character	2	0	Species 5
43	PER5	Numeric	2	0	Species 5 percent
44	SP6	Character	2	0	Species 6
45	PER6	Numeric	2	0	Species 6 percent
46	NONFOR	Character	3	0	Non-forested
47	STR	Character	1	0	Stand structure
48	STRVAL	Numeric	2	0	Structure value
49	CANOPY	Numeric	2	0	Canopy pattern modifier (N/A)
50	ORIGIN	Numeric	4	0	Origin
51	TPR	Character	1	0	Timber productivity rating
52	TPR_I	Character	1	0	Interpreted timber productivity rating
53	MOD1	Character	2	0	Stand condition modifier 1
54	EXT1	Numeric	2	0	Extent 1
55	YEAR1	Numeric	4	0	Year 1

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
56	MOD2	Character	2	0	Modifier 2
57	EXT2	Numeric	2	0	Extent 2
58	YEAR2	Numeric	4	0	Year 2
59	MOD3	Character	2	0	Modifier 3
60	EXT3	Numeric	2	0	Extent 3
61	YEAR3	Numeric	4	0	Year 3
62	MOD4	Character	2	0	Modifier 4
63	EXT4	Numeric	2	0	Extent 4
64	YEAR4	Numeric	4	0	Year 4
65	DAT_SC1	Character	1	0	Data source 1
66	DAT_YR1	Numeric	4	0	Year of data source 1
67	DAT_SC2	Character	1	0	Data source 2
68	DAT_YR2	Numeric	4	0	Year of data source 2
AVI SECONDARY LAYER ATTRIBUTES					
69	SMOIST	Numeric	2	0	Moisture regime
70	SCROWN	Character	1	0	Crown closure (10% classes)
71	SHEIGHT	Numeric	4	1	Stand height (m)
72	SSP1	Character	2	0	Species 1
73	SPER1	Numeric	2	0	Species 1 percent
74	SSP2	Character	2	0	Species 2
75	SPER2	Numeric	2	0	Species 2 percent
76	SSP3	Character	2	0	Species 3
77	SPER3	Numeric	2	0	Species 3 percent
78	SSP4	Character	2	0	Species 4
79	SPER4	Numeric	2	0	Species 4 percent
80	SSP5	Character	2	0	Species 5
81	SPER5	Numeric	2	0	Species 5 percent
82	SSP6	Character	2	0	Species 6
83	SPER6	Numeric	2	0	Species 6 percent
84	SNONFOR	Character	3	0	Non-forested
85	SSTR	Character	1	0	Stand structure
86	SSTRVAL	Numeric	2	0	Structure value
87	SCANOPY	Numeric	2	0	Canopy pattern modifier (N/A)
88	SORIGIN	Numeric	4	0	Origin
89	STPR	Character	1	0	Timber productivity rating
90	STPR_I	Character	1	0	Interpreted timber productivity rating
91	SMOD1	Character	2	0	Modifier 1
92	SEXT1	Numeric	2	0	Extent 1
93	SYEAR1	Numeric	4	0	Year 1

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
94	SMOD2	Character	2	0	Modifier 2
95	SEXT2	Numeric	2	0	Extent 2
96	SYEAR2	Numeric	4	0	Year 2
97	SMOD3	Character	2	0	Modifier 3
98	SEXT3	Numeric	2	0	Extent 3
99	SYEAR3	Numeric	4	0	Year 3
100	SMOD4	Character	2	0	Modifier 4
101	SEXT4	Numeric	2	0	Extent 4
102	SYEAR4	Numeric	4	0	Year 4
103	SDAT_SC1	Character	1	0	Data source 1
104	SDAT_YR1	Numeric	4	0	Year of data source 1
105	SDAT_SC2	Character	1	0	Data source 2
106	SDAT_YR2	Numeric	4	0	Year of data source 2
AVI TERTIARY LAYER ATTRIBUTES					
107	TMOIST	Numeric	2	0	Moisture regime
108	TCROWN	Character	1	0	Crown closure (10% classes)
109	THEIGHT	Numeric	4	1	Stand height (m)
110	TSP1	Character	2	0	Species 1
111	TPER1	Numeric	2	0	Species 1 percent
112	TSP2	Character	2	0	Species 2
113	TPER2	Numeric	2	0	Species 2 percent
114	TSP3	Character	2	0	Species 3
115	TPER3	Numeric	2	0	Species 3 percent
116	TSP4	Character	2	0	Species 4
117	TPER4	Numeric	2	0	Species 4 percent
118	TSP5	Character	2	0	Species 5
119	TPER5	Numeric	2	0	Species 5 percent
120	TSP6	Character	2	0	Species 6
121	TPER6	Numeric	2	0	Species 6 percent
122	TNONFOR	Character	3	0	Non-forested
123	TSTR	Character	1	0	Stand structure
124	TSTRVAL	Numeric	2	0	Structure value
125	TCANOPY	Numeric	2	0	Canopy pattern modifier (N/A)
126	TORIGIN	Numeric	4	0	Origin
127	TTPR	Character	1	0	Timber productivity rating
128	TTPR_I	Character	1	0	Interpreted timber productivity rating
129	TMOD1	Character	2	0	Stand condition modifier 1
130	TEXT1	Numeric	2	0	Extent 1
131	TYEAR1	Numeric	4	0	Year 1

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
132	TMOD2	Character	2	0	Modifier 2
133	TEXT2	Numeric	2	0	Extent 2
134	TYEAR2	Numeric	4	0	Year 2
135	TMOD3	Character	2	0	Modifier 3
136	TEXT3	Numeric	2	0	Extent 3
137	TYEAR3	Numeric	4	0	Year 3
138	TMOD4	Character	2	0	Modifier 4
139	TEXT4	Numeric	2	0	Extent 4
140	TYEAR4	Numeric	4	0	Year 4
141	TDAT_SC1	Character	1	0	Data source 1
142	TDAT_YR1	Numeric	4	0	Year of data source 1
143	TDAT_SC2	Character	1	0	Data source 2
144	TDAT_YR2	Numeric	4	0	Year of data source 2

HARVEST SEQUENCE FILE DATABASE STRUCTURE & DESCRIPTION

FIELD NO.	FIELD NAME	FIELD TYPE	FIELD WIDTH	NO. OF DECIMALS	FIELD DESCRIPTION
1	GIS_LINK	Numeric	20	0	Unique link to spatial coverage
2	INTCUT	Numeric	6	0	Identifies the timing of polygons scheduled for harvest (in 5-year periods)
3	HORIZ	Character	1	0	Identifies stands assigned a horizontal structure
4	COMPONEN	Character	1	0	Identifies the priority of the horizontal component (consistent with the net landbase).