

APPENDIX A

MICHIGAN RESOURCE
INVENTORY SYSTEM
(MIRIS)
CLASSIFICATIONS

ALPENA AREA-WIDE COMPREHENSIVE
TRANSPORTATION PLAN

June 2003

Michigan DNR Land Use Classification System

1. URBAN
 - 11 RESIDENTIAL
 - 111 MULTI-FAMILY, HIGH RISE
 - 112 MULTI-FAMILY, LOW RISE
 - 113 SINGLE FAMILY, DUPLEX
 - 115 MOBILE HOME PARK
 - 12 COMMERCIAL, SERVICES, INSTITUTIONAL
 - 121 PRIMARY/CENTRAL BUSINESS DISTRICT
 - 122 SHOPPING CENTER/MALL
 - 123 MOTELS
 - 124 SECONDARY BUSINESS/STRIP COMMERCIAL
 - 126 INSTITUTIONAL
 - 13 INDUSTRIAL
 - 133 WOOD PRODUCTS
 - 138 INDUSTRIAL PARK
 - 14 TRANSPORTATION, COMMUNICATIONS, UTILITIES
 - 141 AIR TRANSPORTATION
 - 142 RAIL TRANSPORTATION
 - 143 WATER TRANSPORTATION
 - 144 ROAD TRANSPORTATION
 - 145 COMMUNICATION S
 - 146 UTILITIES
 - 17 EXTRACTIVE
 - 171 OPEN PIT
 - 172 UNDERGROUND
 - 173 WELLS
 - 19 OPEN LAND, OTHER
 - 193 OUTDOOR RECREATION
 - 14 CEMETERIES
- 2 AGRICULTURE
 - 21 CROPLAND
 - 22 ORCHARDS, BUSH FRUIT, VINEYARDS, ORNAMENTAL HORTICULTURE
 - 23 CONFINED FEEDING
 - 24 PERMANENT PASTURE
 - 29 OTHER
- 3 NONFORESTED
 - 31 HERBACEOUS
 - 32 SHRUB
- 4 FORESTED
 - 41 DECIDUOUS

- 411 NORTHERN HARDWOOD
- 412 CENTRAL HARDWOOD
- 413 ASPEN /WHITE BIRCH ASSOCIATION
- 414 LOWLAND HARDWOOD

- 42 CONIFEROUS
 - 421 PINE
 - 422 OTHER UPLAND CONIFER
 - 423 LOWLAND CONIFER
 - 426 CHRISTMAS TREE PLANTATION

- 5 WATER
 - 51 STREAM
 - 52 LAKE
 - 53 RESERVOIR
 - 54 GREAT LAKES

- 6 WETLANDS
 - 61 FORESTED
 - 611 WOODED
 - 612 SHRUB, SCRUB
 - 62 NONFORESTED
 - 621 AQUATIC BED
 - 622 EMERGENT
 - 623 FLATS

- 7 BARREN
 - 72 BEACH, RIVERBANK
 - 73 SAND DUNE
 - 74 EXPOSED ROCK

FOREST CLASSIFICATION

THE FOREST COVER TYPES ARE IDENTIFIED ACCORDING TO A 5-DIGIT CODE. THE FIRST FOUR DIGITS ARE GIVEN IN THE SPECIES DESCRIPTION KEY. THE FIFTH DIGIT IS DEFINED IN THE STAND SIZE AND STOCKING KEY.

- 411 NORTHERN HARDWOOD
 - 4111 SUGAR MAPLE PREDOMINATES
 - 4112 RED MAPLE PREDOMINATES
 - 4113 ELM PREDOMINATES
 - 4114 BEECH PREDOMINATES
 - 4115 YELLOW BIRCH PREDOMINATES
 - 4116 CHERRY PREDOMINATES
 - 4117 BASSWOOD PREDOMINATES
 - 4118 WHITE ASH PREDOMINATES
 - 4119 OTHER NORTHERN HARDWOODS

- 412 OAK/HICKORY
 - 4121 RED OAK PREDOMINATES
 - 4122 WHITE OAK PREDOMINATES
 - 4123 BLACK OAK PREDOMINATES

413 ASPEN, WHITE BIRCH & ASSOCIATED SPECIES

- 4131 TREMBLING ASPEN PREDOMINATES
- 4132 BIGTOOTH ASPEN PREDOMINATES
- 4133 WHITE BIRCH PREDOMINATES
- 4134 OTHER SPECIES

414 LOWLAND HARDWOODS

- 4141 ASH PREDOMINATES
- 4142 ELM PREDOMINATES
- 4143 SOFT MAPLE PREDOMINATES
- 4144 COTTONWOOD PREDOMINATES
- 4145 BALM-OF-GILEAD PREDOMINATES
- 4146 ASPEN PREDOMINATES
- 4147 WHITE BIRCH PREDOMINATES
- 4149 OTHER LOWLAND HARDWOODS

421 PINE

- 4211 WHITE PINE PREDOMINATES
- 4212 RED PINE PREDOMINATES
- 4213 JACK PINE PREDOMINATES
- 4214 SCOTCH PINE PREDOMINATES
- 4219 OTHER

422 OTHER UPLAND CONIFERS

- 4221 WHITE SPRUCE PREDOMINATES
- 4222 BLACK SPRUCE PREDOMINATES
- 4223 BALSAM FIR PREDOMINATES
- 4224 DOUGLAS FIR PREDOMINATES
- 4225 LARCH PREDOMINATES
- 4226 HEMLOCK PREDOMINATES
- 4229 OTHER

423 LOWLAND CONIFERS

- 4231 CEDAR PREDOMINATES
- 4232 BLACK SPRUCE PREDOMINATES
- 4233 TAMARACK PREDOMINATES
- 4234 BALSAM FIR-WHITE SPRUCE PREDOMINATES
- 4235 BALSAM FIR PREDOMINATES
- 4236 JACK PINE PREDOMINATES
- 4230 OTHER

429 MANAGED CHRISTMAS TREE PLANTATION

- 4291 SCOTCH PINE
- 4292 DOUGLAS FIR
- 4293 BLUE SPRUCE
- 4294 WHITE PINE
- 4299 OTHER

STAND SIZE AND STOCKING KEY

- 0 NONSTOCKED, (LESS THAN 17 %)
- 1 SEEDLING-SAPLING, POOR (17-39%)
- 2 SEEDLING-SAPLING, MEDIUM (40-69%)
- 3 SEEDLING-SAPLING, WELL (GREATER THAN 69%)

- 4 POLETIMBER, POOR (17-39%)
- 5 POLETIMBER, MEDIUM (40-69%)
- 6 POLETIMBER, WELL (GREATER THAN 69%)
- 7 SAWTIMBER, POOR (17-69%)
- 8 SAWTIMBER, MEDIUM (40-69%)
- 9 SAWTIMBER, WELL (GREATER THAN 69%)

NEMCOG Land Cover / Land Use Classification System:

The Michigan DNR numeric classifications are grouped, by NEMCOG, into the following 10 Land Use classes for map display purposes.

- 1) Residential
- 2) Commercial
- 3) Industrial
- 4) Institution/Recreational
- 5) Agricultural
- 6) Non-Forest
- 7) Upland Forest
- 8) Lowland Forest
- 9) Wetlands
- 10) Surface Water

Land Use Classes:	1	2	3	4	5	6	7	8	9	10
MDNR Classification:	11	12	13	19	21	31	41	414	611	51
	111	121	14	126	22	32	42	423	612	52
	112	122	17	192	23	33	411		621	53
	113	123	132	193	24	72	410		622	54
	114	124	138	194	29	73	412		623	
	115	127	141			74	413			
	116	125	142				415			
		133	143				420			
			144				421			
			145				422			
			146				426			
			171							
			172							
			173							