

AQUATIC VEGETATION LEGEND

LATIN NAME	COMMON NAME
WC	Valisneria spiralis
RI	Zizania aquatica
DU	Sagittaria
CA	Typha
CT	Ceratophyllum
SF	Acorus Callarous
SA	Myricea gale
MT	Spiraea latifolia
PS	Spiraea latifolia
B2	Sagittaria
BW	Xanthium
CF	Batrachium trichophyllum
LD	Labelia Dortmanna
MP	Heteranthera dubia
CH	Cyperus
QU	Isoetes Braunii
DT	Pontederia cordata
TM	Fontinalis
WA	Radiola
JG	Equisetum
WS	Brasenia Schreberei
BJ	Agropyron Smithii
W1	Iridaceae
WM	Myriophyllum
ML	Myriophyllum tenellum
M1	Myriophyllum spicatum
DW	Lerna
DS	Lerna trisulca
DM	Lerna minor
SE	Carex
SG	Carex vesicaria
DA	Dulichium arundinaceum
PL	Nymphaea and Castalia
PL1	Castalia tuberosa
PL2	Nymphaea advena
PL3	Nymphaea microphylla
PL4	Nymphaea sagittataefolia
BU	Scirpus
SV	Scirpus validus
ST	Scirpus americanus
CR	Scirpus subterminalis
TR	Marsippos marsippos
SR	Elocharis palustris
NR	Elocharis acicularis
SA	Chlorophyceae
BA	Cyanophyceae
MG	Panacium canadensis
SW	Tridacenum virginicum
B0	Juncus palioarpus
BL	Utricularia
WW	Photocaria canadensis
RE	Phragmites
PR	Eriocaulon
PI	Eriocaulon septangulare
HI	Hippuris vulgaris
PO	Potamogeton
PH	Potamogeton heterophyllum
DB	dimorphus
PX	foliosus
PP	pectinatus
PR	praelongus
PK	natans
PF	pusillus
PE	ampullifolius
PG	epiphydrus
PA	americanus
PT	perfoliatus
PU	Najas flexillis
PC	Potamogeton crispus

SYMBOLS

==	Main Road
---	Secondary Road
---	Rail
---	Railroad (Abandoned)
---	Telephone Line
---	Stream
---	Stream (Intermittent)
---	Contour Line
---	Aquatic Vegetation Line
---	Survey Corner searched for but not found
---	Survey Corner found not positively identified
---	Survey Corner possibly identified
---	Location Post
---	House, Cabin or other Building
---	Guard or Ranger Station
---	Dock Pier or Boat Landing
---	Lockout Tower
---	Sawmill
---	School House
---	Church
---	Cemetery
---	Farm
---	Resort
---	Recreation Site, Summer home Site, etc.
---	Well
---	Mine or Quarry
---	Improved Picnic Grounds
---	Improved Camp Ground
---	Forest Camp (Logging, CCC, Etc.)
---	Pronounced Ridge
---	Spring
---	Kettle Hole
---	Steep Slope
---	Rock Ledge
---	Dam (Formerly dam)
---	Private
---	Government Owned (Forest Service)
---	Inactive Beaver Dam
---	Active Beaver Dam
---	Active Beaver House
---	Active Beaver house
---	Allotment Dens or houses (Use N and indicate species)
---	Erosion control
---	Tump cover

COVER TYPE LEGEND

MICHIGAN-MINNESOTA-NORTH DAKOTA-WISCONSIN

0	Grassland
01	Wild Pasture
02	Hay Meadow
1	Highland Brush
1b	Swamp Brush
2	Muskeg
3	White Birch
4	Cedar
5	Jack Pine
6	White Spruce
7	Black Spruce
8	Tamarack
9	Northway Pine
A	White Pine
A	Aspen
B	Balsam Fir
C	Cultivated
C	Improved or Strag Field
D	Beach
E	Hickory
F	Hemlock
G	Maple
M	Mixed Hardwoods
K	Oak
R	Asn
...	Recent clean Burn within year
...	Scattered Seed Trees

DIAMETER CLASS SYMBOLS

1. Reproduct on trees up to 6 feet in height
2. Saplings trees & feet in height to 4.5" D.B.H.
3. Poles trees 4.6" to 9.5" D.B.H.
4. 34" etc Sawtimber or trees over 9.5" D.B.H.
5. Stagnated swamp

ASPEN STAND LEGEND

Average number of trees Average D.B.H.
Average the number of trees per Acre. Example (2000 2.16")

QUALITY OF ASPEN STANDS

1. Good
2. Medium
3. Poor

LAKE AND STREAM BOTTOM SOIL TYPE LEGEND

□	Sand	Color	Gray
□	Muck		Pink
□	Gravel		Sky Blue
□	Marl		Green
□	Clay		Orange
□	Silt		Vel. ow
□	Rock (Ledge)		Brown
□	Rock (Boulder)		Purple

Legend for Vegetation Mapping on extensive basis
Where individual species are not indicated.
Emergent Vegetation.

Submerged and Floating Leaved Vegetation.
Boundaries of Vegetation should be indicated and
Symbol applicable to the Vegetation Area shown.

WATER VEGETATION
DEGREE OF ABUNDANCE
1. Abundant
2. Common
3. Rare
Example Chara - CH2

(ADAPTED FROM SIMILIAN CHART OF U.S. FOREST SERVICE DATED 2-17-52)

STATE OF MINNESOTA
DEPARTMENT OF CONSERVATION
CHESTER S. WILSON, COMMISSIONER

LEGEND FOR LAKE SOUNDING MAPS

PREPARED BY: J.O.L.
APPROVED BY: [Signature]
DIVISION OF WATERS
DIRECTOR

DATE: 2-8-52