BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
094P068

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Siviculture Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- HydroNavBarriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 ha - 15 % hatch)
- Municipal boundary (> 1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

○12
123/L
Fd(Hw)
211-20
he sl
GL78

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Dougls Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opeing Number

○12 - opening number valid for BCGS mapsheet — *blank* - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
/L - Multi-layered stand (a separate description of each layer is availiable in the data base, i.e. 1,2)

Line 3 - BC Tree Code List

Species Compsition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dataed January 2009.

NATIVE CONIFERS
C CEDAR
Cw Western Red Cedar
Y CYPRESS
Yc Yellow Cedar
F DOUGLAS FIR
Fd Douglas Fir
Fdc Coastal Douglas Fir
Fdi Interior Douglas Fir
B FIR (Balsam)
Ba Amabilis Fir
Bg Grand Fir
Bl Subalpine Fir (alpine)
H HEMLOCK
Hm Mountain Hemlock
Hw Western Hemlock
Hxm Mountain x Western Hemlock hydrid
J JUNIPER
Jr Rocky Mtn. Juniper
Js Seaside Juniper
L LARCH
La Alpine Larch
Lt Tamarack
Lw Western Larch
P PINE
Pj Jack Pine
Pf Limber Pine
Pl Lodgepole Pine
Pli Lodgepole Pine (interior)
Pxj Lodgepole x Jack Pine hybrid
Py Ponderosa Pine (yellow)
Plc Shore Pine (coast)
Pw Western White Pine
Pa Whitebark Pine
S SPRUCE
Sb Black Spruce
Se Engelmann Spruce
Ss Sitka Spruce
Sw White Spruce
Sx Spruce hybrid
Sxw Engelmann x White
Sxl Sitka x White
Sxs Sitka x unknown hybrid
T YEW
Tw Western Yew

NATIVE HARDWOODS
D ALDER
Dr Red Alder
U APPLE
Up Pacific Crab Apple
A ASPEN, COTTONWOOD or POPLAR
Ac Poplar
Acb Balsam Poplar
Act Black Cottonwood
Ax hybrid Poplars
At Trembling Aspen
R ARBUTUS
Ra Arbutus
E BIRCH
Ea Alaska Paper Birch
Exp Alaska x Paper Birch hybrid
Ep Paper Birch (white)
Ew Water Birch
K CASCARA
Kc Cascara
V CHERRY
Vb Bitter Cherry
Vv Choke Cherry
Vp Pin Cherry
G DOGWOOD
Gp Pacific Dogwood (western flowering)
M MAPLE
Mb Bigleaf Maple (broadleaf)
Mv Vine Maple
Q OAK
Qg Garry Oak
W WILLOW
Wb Bebb's Willow
Wp Pacific Willow
Wa Peachleaf Willow (Barclay's)
Wd Pussy Willow (gray-leaved)
Ws Scouler's Willow
Wt Sitka Willow (tea-leaved)

UNKNOWN - OTHER
X UNKNOWN
Xc unknown conifer
Xh unknown hardwood
Z OTHER (tree not on list)
Zc other conifer
Zh other hardwood

EXOTICS
APPLE
Ua Apple
ASPEN, COTTONWOOD or POPLAR
Ad *Southern Cottonwood
BIRCH
Ee European Birch
Es Silver Birch (swamp)
Ey *Yellow Birch
CHERRY
Vs Sweet Cherry
CYPRESS
Yp *Port Orford Cedar
FIR (Balsam)
Bb *Balsam Fir
Bp Noble Fir
Bm *Shasta Red Fir
Bc *White Fir
LARCH
Ld *Dahurian Larch
Ls *Siberian Larch
MAPLE
Me Box Elder
Mn *Norway Maple
Ms *Sycamore Maple
OAK
Qe *English Oak
Qw *White Oak
OTHER EXOTICS
Oa *Incense Cedar
Ob *Giant Sequoia
Oc *Coast Redwood
Od European Mountain Ash
Oe Siberian Elm (southern)
Of Common Pear
Og Oregon Ash
Oh *White Ash
Oi *Shagbark Hickory
Oj Tree-of-heaven
Ok Japanese Walnut
PINE
Pm *Monterey Pine
Pr *Red Pine
Ps *Sugar Pine
SPRUCE
Sn *Norway Spruce

Line 4

4a AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-250
9	251 +

4b HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 28.4
4	28.5 - 37.4
5	37.5 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX
SI is estimated when suitable SI trees arenot present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREED SHRUB
st SHRUB TALL - shrub with average shrub height > or = to two metres.
sl SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
he HERB - herb with no distinction between forbs and graminoids.
hf HERB - FORBS - herb with forbs > 50% of the herb cover.
hg HERB - GRAMINOIDS - herb with gaminoids > 50% of the herb cover.

NON-TREED BRYOID
by BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
el Exposed Land
ro Rock / Rubble
si Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap AIRPORT
be BEACH
bl BLOCKFIELD
br BEDROCK
bu BURNED AREA
cb CUTBANK
es EXPOSED SOILS
gl GLACIER
gp GRAVEL PIT
la LAKE
lb LAVA BED
ll LANDING
ls POND or LAKE SEDIMENTS
mi OPEN PIT MINE
mn MORAINE
mu MUDFLAT SEDIMENT
mz RUBBLY MINE SPOILS
oc OCEAN
ot OTHER
pn SNOW COVER
re RESERVOIR
ri RIVER / STREAM
rm RESERVOIR MARGIN
rn RAILWAY SURFACE
rs RIVER SEDIMENTS
rz ROAD SURFACE
ta TALUS
tz TAILINGS
ur URBAN

Note: Water categories (la, oc, re, ri) not labelled over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)

A ALPINE
AF ALPINE FOREST /Species
C CULTIVATED
CL CLAY BANK
G GRAVEL BAR
GR GRAVEL PIT
ICE ICEFIELD
M MEADOW
MUD MUD FLAT
NP NON PRODUCTIVE
NPBR NON PRODUCTIVE BRUSH
NPBU NON PRODUCTIVE BURN
NPF NON PRODUCTIVE FOREST /Species
NTA NO TYPING AVAILABLE
OR OPEN RANGE
P HAYFIELD
R ROCK
S SWAMP
SAND SAND
TIDE TIDAL FLAT
U URBAN
NC NON COMMERCIAL
NCBR NON COMERCIAL BRUSH
NP NON PRODUCTIVE
NSR NOT SUFFICIENTLY RESTOCKED
NTA NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

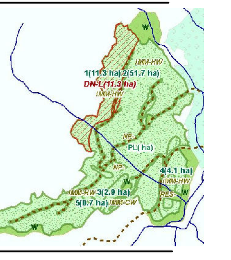
A Animal Damage
B Wildfire
C Cone and Seed Insects
D Diseases
I Insects
L Logging
M Mite Damage
N Non-Biological Injuries
P Cone and Seedling Fungal Pathogens
R Site Rehabilitation
T Treatment Injuries
U Damage Unknown
V Problem Vegetation

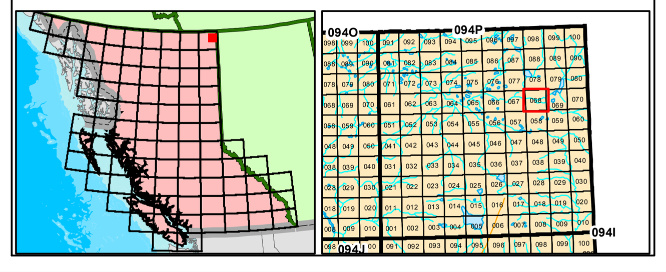
Example Opening History Details

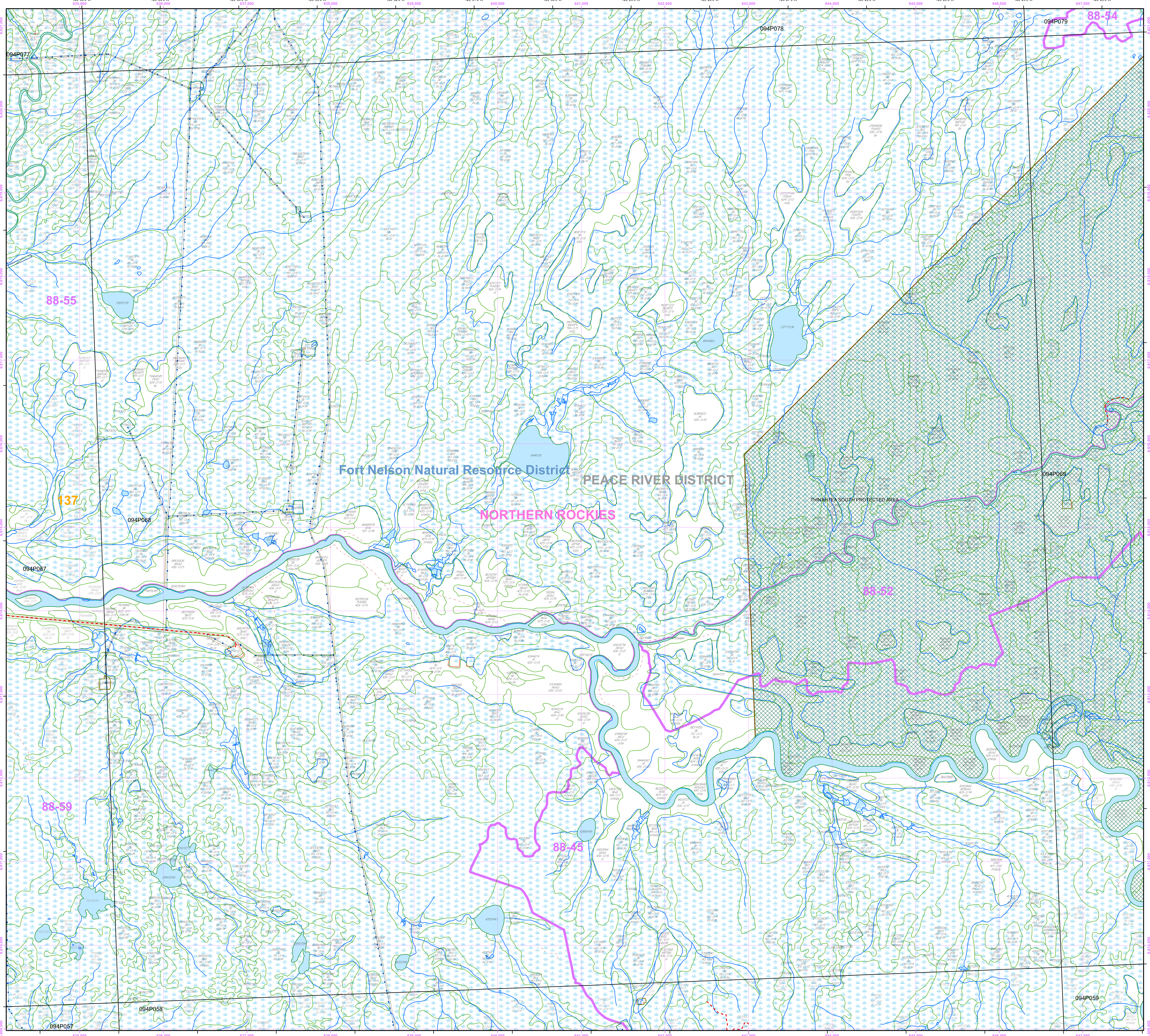
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH







Overflow Labels

215606 Sb 413-0/4 by sl te	29102651 SbLt 514-0/5 sl hg	75187799/L SbLt 312-0/5 by sl te	86592360 Sb 510-0/4 by sl hg
3125604 AtSb 426-0/13 sl	29322959 SbLt 414-0/6 by	75518076 Sb(Pl) 523-0/8 by sl	87428750 SbAt(Pl) 525-0/8 sl by
3596448 SbLt 410-0/6 hg sl by	29323104 LtSb 320-0/13 hg sl by	75596070 Lt 210-0/11 hg sl	87712983 LtSb 311-0/8 sl by te
8535058 SbAt 725-0/6 sl te by	29472766 Lt(Sb) 414-0/7 hg by sl	75917792 Sb 723-0/6 by sl	87762360 Sb 512-0/4 by sl te
10574678 AtEp 434-0/17 sl te	30230849 sl hg by mu	76336162 Sb 414-0/6 by sl hg	88108763/L SbLt 311-0/5 by te sl
13204937 AtSwEpSb) 435-0/18 sl by	31093702 lo by sl hg	76894396 hg sl es by	88728771 SbAt(Pl) 525-0/8 sl by
14313093 Sb 612-0/4 by sl te	31333010 SbLt 512-0/4 sl te by	76944598 Sb(Lt) 413-0/7 by sl te	89407736 by sl es hg
17554684 AtSwSbEp) 435-0/16 sl by	33063395 SbLt 510-0/4 te sl by	77116300 Sb 514-0/6 by sl te	89415682 by sl es hg
18735927 Sb(At) 412-0/5 by sl hg	33634266 AtSbAcEp) 421-0/13 sl te by	77194379/L Sb(PlSw) 805-0/8 sl	89906059 LtSb 311-0/8 sl hg by
19428171 Sb(Pl) 413-0/7 by sl te	33775726/L Sb 821-0/5 by sl te	77516206 by sl es hg	90056808 hg sl mu by
19614725 At(Sb) 426-0/14	34992721 Sb(Lt) 414-0/3 sl te by	77593517 Sb 412-0/6 by sl te	90478663 Sb 524-0/7 by sl hg
20335290 Sb 712-0/4 by sl te	36123968 Sb 411-0/3 by sl te	77923069 Sb 512-0/4 by sl te	90853758 SbLt 413-0/6 sl hg by
22216943 PlSbAt 424-0/14 sl by	36352644 LtSb 320-0/13 hg sl by	77923792 SbLt 410-0/6 sl hg by	90992800 Sb 510-0/2 by sl hg
22416480 At(SbPl) 424-0/13 sl by	38245704 Sb(PlAt) 525-0/8 sl te by	77964832/L Sb 412-0/6 by sl te	91258743 Sb 712-0/3 by sl hg
23065609 Sb(At) 414-0/8 by sl bl	38597601 Pl(AtSb) 426-0/12 by	78712851 Sb 512-0/4 by sl te	91298683 Sb 724-0/6 sl by
23465373 Sb 712-0/4 by sl te	38672645 Sb 412-0/3 by sl te	79655045 Sw 845-0/16 sl hg	91838672/L Sb(Lt) 311-0/5 by te sl
24375325 Pl(At) 426-0/13 sl	39386008 Sb(AtSw) 425-0/11 sl te by	79753688 SbLa 512-0/4 sl by hg	92066379 SbPl(At) 513-0/6 by sl te
24555638 At(Ep) 436-0/18	40603890 Sb 412-0/4 by te sl	80152177 Sb 512-0/4 by sl te	92802702 Sb 512-0/4 by sl te
24693850/L Sb 822-0/6 sl te by	42135850 At(PlSb) 426-0/14 sl te by	80462213 Sb 512-0/4 by sl te	92887905 SbAt 515-0/7 sl by
24754264/L Sb 511-0/6 sl te by	42384369 AtSb(AcSw) 436-0/16 sl te by	80623260 Sb 510-0/2 by sl hg	94706084 SbAtPl 413-0/7 by sl te
25462552 SbLt 510-0/4 sl by te	42475544 AtSb(Pl) 425-0/12 sl te by	80733618 LtSb 410-0/5 hg sl by	94943860 At(Sw) 436-0/17 sl
25812642 SbAt(Lt) 414-0/6 sl te by	42954398 hg mu	81013368 Sb 510-0/2 by sl hg	95374039 Sb(At) 724-0/6 by sl te
27285425 Sb 823-0/4 by sl te	43204263 At(SwPl) 431-0/20 sl te	81218566 by sl es hg	96158326/L Sb(Lt) 311-0/5 by te sl
27343587/L Sb(At) 413-0/8 sl by te	43324372 SbEp(Ac) 416-0/9 te	81393153 Sb 510-0/2 by sl hg	97724246 Sb 413-0/8 by te sl
27513719/L Sb 822-0/5 sl te by	43464200 At(Ac) 435-0/19 sl te by	81733719 SbLt 412-0/6 sl hg by	98254988 SbAt 426-0/11 te by
27832611 LtSb 414-0/8 hg by sl	44552803 Sb 412-0/6 sl te by	81884594 SbLt 513-0/4 by sl te	98504253 Sb 412-0/3 by te
27973911 SbAt 415-0/9 sl te by	73968596/L Sb 512-0/6 by sl hg	82492681 Sb 511-0/4 sl by te	99937877 PlSb(At) 425-0/11 sl by
27983769 Sb(AtLt) 425-0/10 sl te by	74058165 Sb 412-0/5 by sl hg	82605084 SbAt(SwAc) 622-0/8 sl te by	
28335498 SbSw(AtAcEp) 424-0/10 sl hg by	74167923 AtPl(Sb) 436-0/17 sl	82782989 Sb 510-0/2 by sl hg	
28743953 Sb 512-0/4 by sl te	74318363/L SbLt 314-0/5 by sl te	84492993 SbLt 411-0/6 sl te by	
28915522 Sb(Sw) 424-0/11 te by sl	74487825 PlSbAt 425-0/14 sl by	85674731 sl hg es by	
29012588 SbLt 510-0/4 sl by te	75177111 Sb 410-0/4 by sl hg	85732878 Sb 510-0/4 sl by te	