Vegetation Map
094G031

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

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, rm 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.

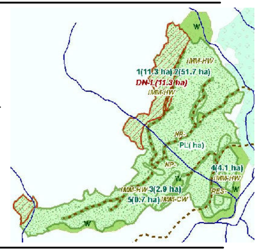
A Animal Damage, B Wildfire, C Cone and Seed Insects, D Diseases, I Insects, L Logging, M Mite Damage, N Non-Biological Injuries, P Cone and Seedling Fungal Pathogens, R Site Rehabilitation, T Treatment Injuries, U Damage Unknown, V Problem Vegetation

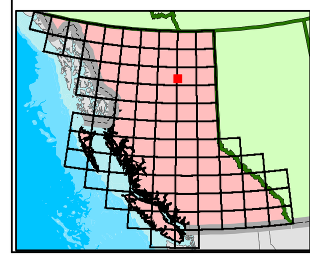
Example Opening History Details

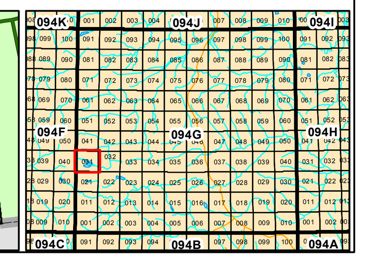
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

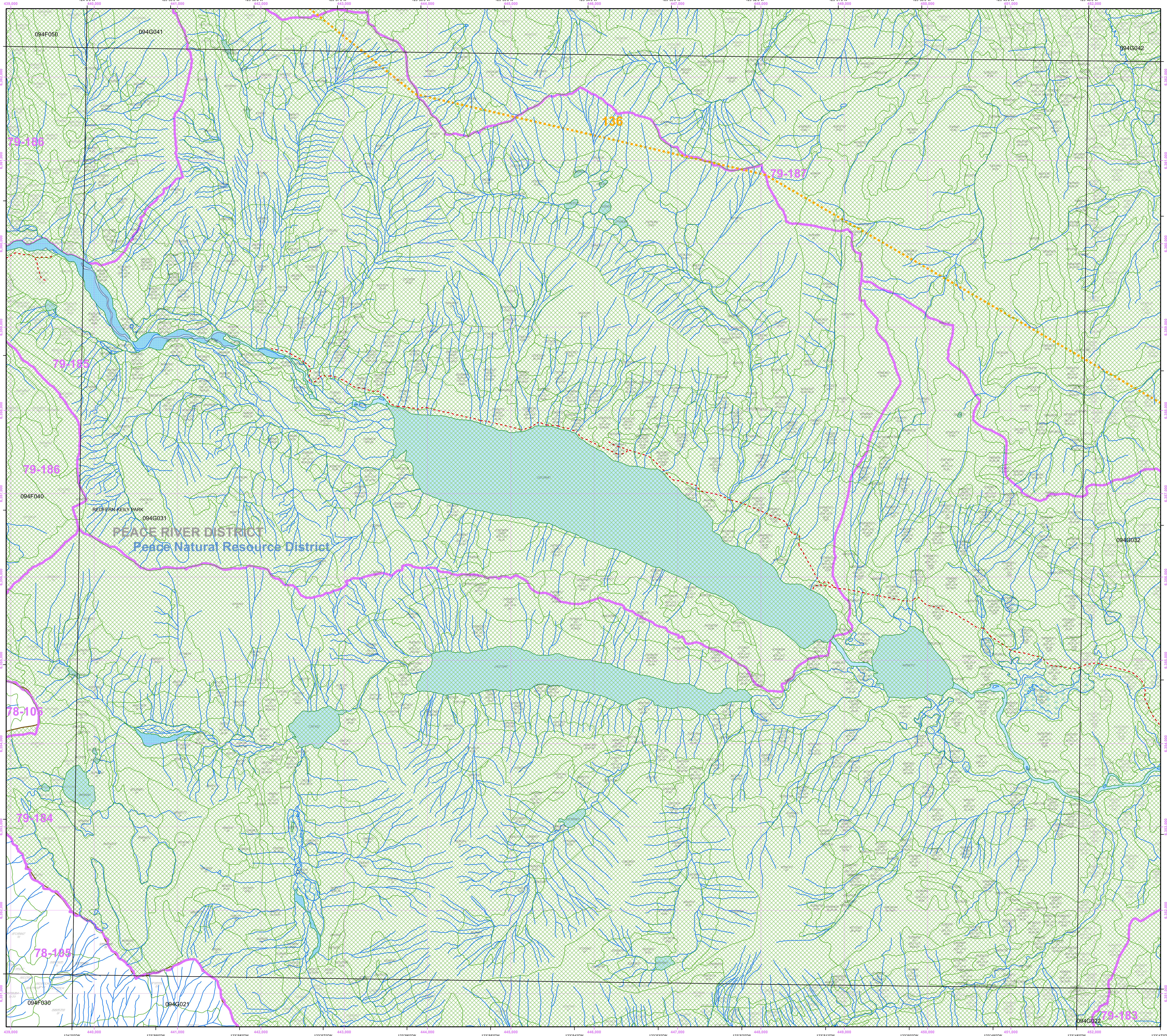
The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

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









Overflow Labels

240142 Sx 813-0/4 he,sl,by	28229590 Sx(At) 624-0/8 he,by	44728229 Sx 925-0/3 by,sl,he	57532197 Sx 820-0/4 he,by	9087233 br,by
532027 pn	29759943 ta,by	45152264 br,by	57760015 by,br	91750062 he,by,sl
1687217 Bl 514-0/3 by,he	29877432 SxBl 824-0/3 by,es,he	45159485/L PlSx 821-0/7 he,by,sl G,I11	58045997 Sx 822-0/4 by,he,sl	99979975 Sx 823-0/7 he,by,sl
2220055 sl,he	30457427 Sx(Bl) 826-0/3	45682256 br	58157359 Sx 820-0/5 he,by	92150817 Bl(At)(Sx) 820-0/4 he,by,sl
2986602 br,by	30969570/L SxPl(At) 612-0/5 by,he,br G,I11	45866425 Bl 815-0/2 by,he	58376406 Sx 811-0/2 by,he,br	92990075 Sx 823-0/5 he,sl,by,ri
3369934 Sx 821-0/4 he,sl,by	31029647 At(Sx) 626-0/6 by,he	46135409 br,by	58469854 Sx 812-0/3 by,he	93061822 br,by
3876866 he,by,ta	31429713 At(Sx) 614-0/5 by,he	46619203/L PlSx 822-0/8 by,he G,I11	58671593 Sx 824-0/4 he,by	94310210 Sx 825-0/5 by,sl,he
5389987 he,ri,by	33682153 ta,by	46816709 Sx 814-0/3 he,by	58799790 by,br,he,sl	95639748 Sx 820-0/4 he,by,sl,ta
5646945 Bl 511-0/3 by,br,he	33926933 by,es,he	46868582/L Sx(Pl) 830-0/7 he,by,sl G,I11	58877140 Sx(Pl) 824-0/5 by,he,sl	96020091 Sx 825-0/5 he,by
5701988 by,br	34869993 by,he,br	46962230 br,he	59146414 Sx 814-0/3 by,he	97055647 br
6487266 he,by	35237239 Sx 810-0/4 es	47409639 Sx 810-0/3 by,he	59225846 Sx 825-0/4 by,he	97611945 ta
6627752 ta,by	35389652/L SxPl 724-0/6 by,he G,I11	48615684 SxBl 824-0/4 he,by	59261063 he,by	98411670 br,by
7480139 Sx(At) 824-0/5 he,by,br	3615186 by,br	50508254/L Sx(Pl) 825-0/6 by,sl,he G,I11	59292047 br,by,he	98787109 ta
8080269 br	3616055 by,ta	51349032/L Sx(Pl) 821-0/7 G,I11	59488726/L Pl(Sx) 824-0/6 he G,I11	99270118 sl,he,by
9525875 br,by	36289250/L PlSx 620-0/10 es,sl,he G,I11	52131374 by,br	59582260 Sx 824-0/5 by,he	99489651 Sx 803-0/7 he,sl,by,ta
9545947 ta	36292254 by,br	52497994 Sx 921-0/3 he,by	59642343 Sx 825-0/6 by,he	99592169 pn
9650301 ta,by	36317447 ta,by	52726508 SxBl 822-0/3 he,by	59712297 Sx 823-0/5 by,he	99900960 br,by
11027752 es,by	36852248 by,he,es	53418578/L Sx(Pl) 823-0/6 he,by G,I11	59787329/L Sx(Pl) 823-0/5 by,he,sl G,I11	
11795677 by,br	3698329 Sx 813-0/2 by,he,ta	53499808 Sx 820-0/4 he,by	60029753 Sx(Pl) 822-0/5 by,he	
12605739 br	36990348 es,by	53591940 by,br	60260892 Sx(Pl) 810-0/3 he,by,br	
12779334 Sx 823-0/4 he,by,sl	37219905 es,by	53736353 BlSx 814-0/3 by,he	60310472 BlSx 815-0/2 by,he	
17097628 SxBl 814-0/3 by,he	37332244 ta	54686345 SxBl 826-0/3 by,he	60470348 BlSx 821-0/4 by,he	
17577599 by	37439787 Sx 823-0/5 by,he,br	54747929 Sx 811-0/3 he,by,sl	60520050 Sx 820-0/4 he,by,br	
17808529 Bl 814-0/3 by,he	37520470 br,by	54885802 Sx 822-0/4 he,by	60599857 Sx 821-0/5 br,by,he	
17848472 Bl 823-0/4 by,he	37549608/L SxPl 723-0/6 by,he G,I11	54902118 br,by,he	60897206 Sx 820-0/5 he,by	
17938695 br,by	37590016 Sx 823-0/5 by,he,br	55428163/L Pl 826-0/7 he,by G,I11	61287106 Sx(Pl) 824-0/4 he,by,sl	
19441263 br,by	40348822/L Sx(Pl) 823-0/6 by,he,sl G,I11	55637640 Sx 810-0/3 he,by,sl	61446222 Sx 824-0/4 by,he	
19649858 At(Sx) 725-0/6 he,by	40937098 Sx 820-0/4 by,es,he	55938278/L Pl 823-0/8 he,by G,I11	61945827 Sx(Bl) 825-0/4 by,he	
20110537 by,br	40987919 Sx 824-0/3 by,he	56541872 br	89781513 by,br,he	
21906704 by,he,ta	42398562/L SxPl 825-0/6 by,sl,he G,I11	56651195 br,by	89792000 br,by	
23806381 by,br	42710229 es,by	56655808 Sx 834-0/5 by,he,sl	89811590 br,by	
25447115 br,by	42821072 br,by	56816058 Sx 824-0/4 he,by	90290125 SxBl 824-0/4 he,by,sl	
26159747 At(Sx) 724-0/5 by,sl,he	44046734 br	57057227 Sx(Pl) 924-0/3 by,he	90448945 br	
26608398 Sx 810-0/2 ta,by	44641060 br	57192190 Sx 820-0/4 es,by,he	90867355 br	
27278571 Sx 811-0/3 br,by,he	44685797 Sx 920-0/2 he,by	57352028 Sx 825-0/5 he,sl,by	91037185 br	
28067054 Bl 610-0/5 he,by	44718782/L SxPl 823-0/4 by,he,sl G,I11	57366413 Sx 811-0/2 by,he,br	91331932 br,by	