BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
094H097

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
- Sivicultutre 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 hybrid
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.

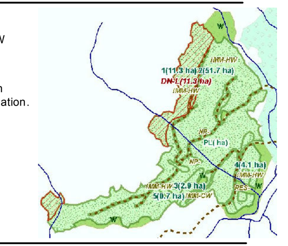
A Animal Damage
B Wildfire
C Cone and Seed Insects
D Diseases
I Insects
L Logging
M Mite Damage
N Non-Biological Injuries
P Cone and Seedling Fungal Pathogens
R Site Rehabilitation
T Treatment Injuries
U Damage Unknown
V Problem Vegetation

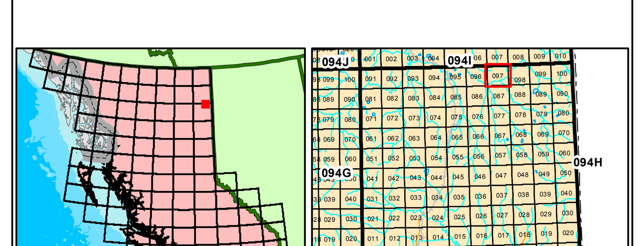
Example Opening History Details

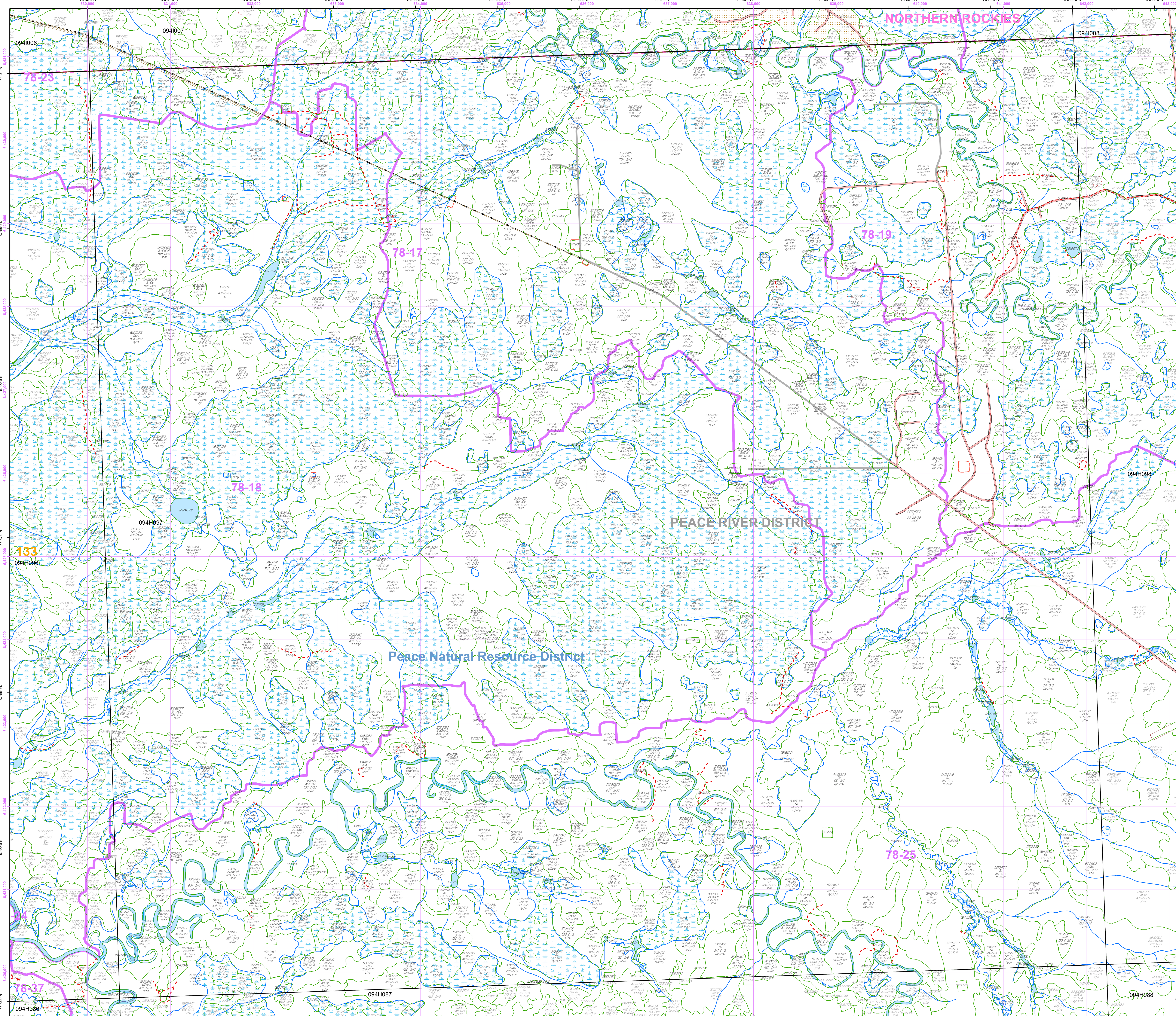
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

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

391659 Sw 646-O/19 sl,te,by	13097306 Sb 626-O/9 sl,te	24267398 Sw(Ac) 437-O/18 sl,te	35764301 At(Sb) 647-O/19 sl,te	49181887 SbAtSw(Ac) 726-O/6 sl,te	56451244 Sw 620-O/8 he,sl,by,ri	91254158 Sb 612-O/5 he,by,sl
551157 Sw(AtEp) 535-O/16 st,hf	13746834 Sb 627-O/9 by	24335374 SbAt(Sw) 636-O/13 sl,te	35925731 Sb 714-O/4 by,sl,te	49373410 SbAt 526-O/10 sl,by	56705765 Sw 746-O/21 sl,te,by	91733634 Sb 315-O/6 sl,te
911897 AtSwEp(Ac) 646-O/21 sl,hf	13776560 Sb 310-O/10 sl,te	24414748 Sb 526-O/12 sl,te	36287481 SwSbAt(Ac) 646-O/19 sl,te	49385262 AtEp(Sw) 415-O/8 sl,te	56945612 At(Sw) 526-O/13 sl,te	92292992 Sb 613-O/5 sl,te
1120716 Sb 211-O/14 sl,te,by	14023931 Sb 611-O/6 sl,te	24582214 EpAt(Ac) 425-O/14 sl,te	36842255 ur,sl,hg	49476674 ur,hg	57085751 Sw(At) 525-O/12 sl,te	92662390 Sb 213-O/8 sl,te,by
2010696 Sb 211-O/14 sl,te,by	14416482 Sb 411-O/9 sl,te,by	24837374 Sw 531-O/17 sl,te	37111303 ur,hg	50137601 he,sl,es	57301135 SwAt 326-O/19 sl,te,by	92684421 Sb 324-O/15 sl,te,by
2311362 Sw(At) 536-O/17 by,sl,te	14417073 Sb(Lt) 722-O/6 sl,te,by	25997405 SwAc 536-O/17 sl,te	37385406 Sb 311-O/10 sl,te,by	50185047 Sw 736-O/11 by,sl	57322018 SwEp,Sb 424-O/12 sl,te,by	92867022 Sb 412-O/8 sl,te
3126077 Lt 620-O/9 sl,te,by	15004817 Sw 437-O/18 sl,te	26002446 Sw 336-O/20 sl,te,by	37651498 AtSw(Ac) 437-O/21 sl,te	50225322 Sb 424-O/10 by,sl,te	57676713 Sb 523-O/10 by,sl,te	92882666 Sb(Ac) 426-O/11 sl,te
3283459 sl,te	15396490 Sb 422-O/9 sl,te,by	26063174 ur,hg	38090951 ur,hg	50243749 Sb(Ac) 524-O/10 sl,by,te	57747633 SbEp 413-O/5 sl,te	93301604 At 637-O/16 sl,te
3964338 Sw(Sb) 426-O/15 sl,te,by	15635444 Sb 414-O/8 sl,te,by	26751829 ur,sl,hg	38837272 Sb 727-O/6 by	50412899 ur,hg	57851109 Sw 620-O/8 by,sl,te,ri	93306111 Sw(AtEp) 425-O/17 sl,te
5076957 Sb 636-O/14 sl,te	16086575 Sb 721-O/9 by,sl,te	27661788 Sb 425-O/9 sl,te,by	39262889 Sb 524-O/8 by,sl,te	50443033 Sb 614-O/4 by,sl,te	58025719 AtSw 526-O/13 sl,te	93760948 SwAt(Ac) 426-O/14 sl
5220781 Sb 222-O/17 he,sl,by	16971649 hg,sl	28091065 Sb 310-O/10 he,sl,by	39836223 SwSb(Ep) 526-O/13 sl,te,by	51057610 he,sl,es	58262284 Ep 316-O/8 sl,te	93874173 Sb 314-O/10 sl,te,by
5507192 SwSb 436-O/18 sl,by	17051349 hg,sl,la	28110940 Sb(Ep) 726-O/9 sl,te,by	40342939 ur,hg	51375747 Sw 642-O/19 sl,te	58397513 Sb 412-O/9 sl,te,by	94216338 Sb 411-O/8 sl,te
5571594 Sw 431-O/16 sl,hf	18282545 ur,hg	28290902 ur,hg	40625634 Sb 726-O/7 sl,te,by	51535126 Sb 424-O/10 by,sl,te	58527145 Sb 310-O/5 sl,te,by	94270636 AtSwAc 526-O/14 sl,te
6230944 Sb 324-O/12 sl,te,by	18676355 Sb 414-O/9 sl,te,by	28491279 SbSwAt 426-O/13 he,sl	40890975 Sb 314-O/9 by,sl,te	51897618 Sw 646-O/21 sl,te	58707040 EpSb 213-O/8 sl,te,by	94422293 Sb 325-O/15 by,sl,te
6437230 Sb 623-O/9 by,he,sl	18842895 Sb 414-O/8 by,sl,te	28696155 Sw(SbAt) 636-O/15 sl,te,by	40916276 Sw(Ep) 735-O/13 sl,te,by	59211745 SbAcSw 621-O/10 he,sl,ri	59216372 Sb 423-O/11 sl,te,by	95122392 Sb 424-O/9 by,sl,te
6651329 At 647-O/25 sl,hf	19693259 SbAt 436-O/18 sl,te,by	28826134 Sb 720-O/8 sl,te	41227172 SwSb 720-O/5 la,sl,te	52151963 ur,hg	59331117 Sw(At) 326-O/19 sl,te,by	95727175 Sb 524-O/12 by,sl,te
7644206 At(Sw) 747-O/22 sl,te	20411623 Sb 420-O/13 sl,te,la,by	28905114 SbAc 735-O/15 sl,te	41836397 Sw(Ep) 735-O/13 sl,te,by	52231598 Sw 745-O/20 sl,te,by	59535387 Sb 323-O/16 sl,te,by	96036945 ur,hg
7801569 Sw(AcAt) 746-O/20 hf,sl	20745723 Sb(Ep) 527-O/14 sl,te	29873557 ur,hg	43261985 ur,sl,te	52517582 sl,te,ri	59635718 AtSw 335-O/23 sl,te	96066414 Sb 613-O/6 sl,te
7871289 Sb 824-O/6 sl,te,by	21245709 Sb 414-O/9 sl,te,by	29122372 AcAt 534-O/14 sl,te	44575969 SwAt(Sb) 537-O/16 sl,te	53024316 Sb 725-O/5 he,by,sl	59755530 Sb 313-O/8 sl,te,by	96081764 At 737-O/16 sl,te
7987246 Sb 513-O/6 sl,te	21506281 Sb 724-O/5 sl,te,by	30370920 SbAt 326-O/8 sl,te,by	45167568 At(Sw) 427-O/15 sl,te	53046435 Sw 744-O/18 sl,te,by	59905321 Sw(AtEp) 335-O/24 sl,te	97614985 Sb(Ep) 522-O/12 sl,te
10151876 SbSw(AcEpAt) 626-O/10 sl,te	21521101 ur,hg	31146009 Sb 421-O/9 sl,te	45714597 ur,hg	53441389 Sw(At) 626-O/10 sl,te,by	60064923 Sb 313-O/10 sl,te,by	98017197 Sb(Sw) 833-O/7 sl,by
10681753 Sb 314-O/9 by,sl,te	21615266 Sb 414-O/9 sl,te,by	32541931 SbSw(At) 626-O/8 sl,te,by	45984396 Sb 835-O/10 he,by,sl	53472988 Sb 510-O/4 hg,sl,ri	60165130 EpAt(Sw) 325-O/16 sl,te	98140846 At(Sb) 636-O/18 sl,te
10735038 Sb 625-O/7 by,sl,te	22101088 Sb 427-O/12 by,te	32653181 Sw 545-O/23 by,te	46481058 At(Sw) 747-O/22 sl,te	54041323 Sw(At) 626-O/8 sl,te,by	60244952 SwAt 334-O/21 sl,te	98164083 SbAc 321-O/14 sl,te
10736197 Sb 511-O/6 sl,te	22890840 Sb 314-O/8 by,sl,te	33060970 Sb(At) 414-O/8 by,sl	47131195 AtEpSw 636-O/16 sl,te	54361145 Sw(At) 743-O/18 sl,ri	60684534 Ep(Sw) 324-O/17 sl,te	98223452 Sb 524-O/7 sl,te,by
11398803 Sb 413-O/7 sl,te,by	22991632 Sb 723-O/5 sl,te,la,by	33203305 ur,hg	47141023 At(Sw) 437-O/21 sl,te	54494392 At(Sw) 326-O/15 sl,te	60684182 Sb 313-O/9 sl,te,by	98357142 ur,hg
11692516 At 437-O/23 sl,hf	23263588 SbEp 327-O/12 sl,te	33714259 Sb 726-O/7 he,sl,by	47167577 At(Sw) 427-O/15 sl,te	54505063 At 627-O/8 sl,te	62052230 AtAc 323-O/10 sl,hg,ri	98443956 SwAc(Ep) 435-O/17 sl,te
11932469 At 436-O/23 sl,hf	23357089 Sb(Ac) 621-O/9 sl,te	34115739 Sb(Sw) 720-O/8 sl,te,by	47741058 AtSw(AcSb) 436-O/20 sl,te	55031465 Sw(At) 326-O/19 sl,te,by	89547084 Sb 424-O/13 by,sl,te	98517194 SwSb 637-O/14 by
12002598 ur,hg	23407371 Sb 537-O/17 sl,te	34133362 Sw(At) 545-O/23 by,te	47814957 Sw 736-O/11 by,sl	55107582 Sb 527-O/11 by	89857048 Sw(Ep) 837-O/10 he	98895243 Sb 623-O/11 sl,te,by
12127064 ur,hg	23740845 Sb(Ep) 724-O/8 by,sl,te	34451781 ur,hg	47882111 AtSw 421-O/13 he,sl,ri	55167612 Sb 527-O/8 by	90006305 SwAt(SbEp) 536-O/17 sl,te	99511633 Sb 625-O/10 sl,te
12161490 At(Sw) 547-O/23 sl,te	23766060 ur,hg	34710988 Sb(At) 414-O/8 by,sl	48185283 Sb 714-O/5 by,sl,te	55195980 Sw 745-O/18 sl,te,by	90475350 Sw,Ep 836-O/9 he,by	99570986 At(Sb) 636-O/18 sl,te
12467281 Sb 522-O/10 sl,te,by	23781525 Sb(Sw) 425-O/10 he,sl,by	35057396 SwAc 536-O/18 sl,te	48236407 Sb 424-O/10 sl,te,by	55352641 Sb(Ep) 210-O/12 hg,sl,ri	90527103 Sb 423-O/13 by,sl,te	
12496585 Sb 312-O/10 sl,te,by	23912693 Sb(Sw) 426-O/15 by	35122229 SwAt(Ac) 345-O/35 sl,te,by	48737381 SbSwAt(At) 626-O/10 sl,te	55731096 Sw(Ep) 426-O/13 sl,te	90675032 Sb(Sw) 625-O/8 sl,te,by	
12501685 hg,sl	23937396 SwAc(Sb) 433-O/18 sl,te	35624530 ur,hg	49155211 Sw 736-O/10 sl,te	55927592 Sw 636-O/15 sl,te,by	90994539 Sb 625-O/8 sl,te,by	