Vegetation Map
093C086

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:

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

○12
123/L
Fd(Hw)
211-20
he sl
GL78

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 *Shagbarck 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.

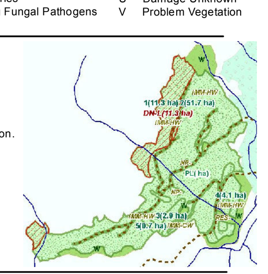
A Animal Damage
B Wildfire
C Cone and Seed Insects
D Diseases
I Insects
L Logging
M Mite Damage
N Non-Biological Injuries
P Cone and Seedling Fungal Pathogens
R Site Rehabilitation
T Treatment Injuries
U Damage Unknown
V Problem Vegetation

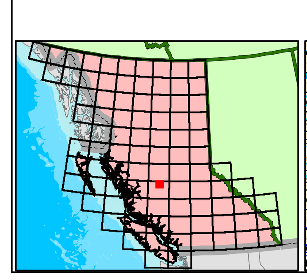
Example Opening History Details

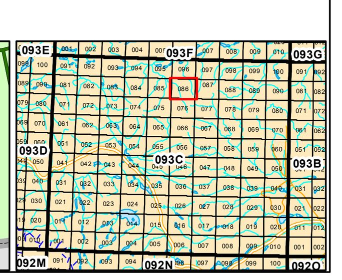
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

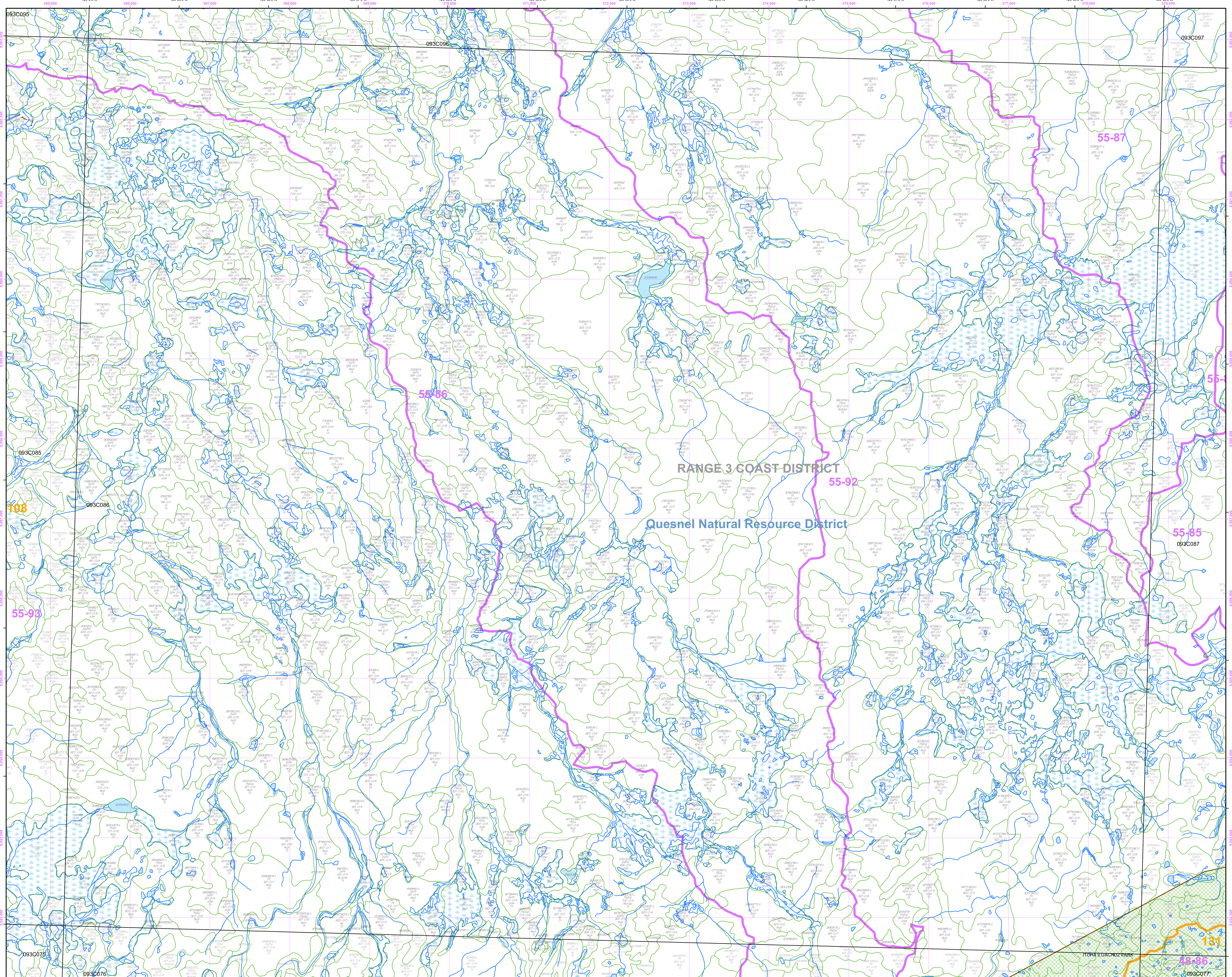
The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

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









Overflow Labels

119594 Sx 820-O/4 sl hg
14515940/L Pl(Sx) 522-O/11 he sl GJ06
36340556/L Sx 721-O/5 he sl
57770621 hg sl
82104768/L Pl 412-O/8 he sl
97559600 SxPl 811-O/4 he sl
569639/L PlSx 823-O/6 sl he
14805115/L Pl 523-O/8 sl he
37285169/L SxPl 823-O/6 sl he
78196030 la he
82254638 Pl 415-O/8 sl he
98005842 SxPl 623-O/7 sl he
1069608 Sx 510-O/6 hg sl la
14912108 Sx 410-O/5 sl he
37674935/L Pl 823-O/9 he sl
78225152 Sx 510-O/5 sl he
82265432 Sx 720-O/6 sl he
98785664/L Pl 723-O/6 he sl
1096028/L Pl 521-O/9 he GJ06
15089943 Sx 823-O/4 sl he
39459651/L Pl 821-O/8 he sl
78245730 Pl 525-O/10 sl
82693492 Sx 624-O/8 sl he
99294805 Pl 724-O/7
2118879/L Pl 821-O/9 sl he
15555956 Sx 820-O/4 hg sl
40460388 Sx 510-O/7 hg sl ls
78314845 SxPl 724-O/6 sl he
85109613 Sx 620-O/7 hg sl
99346058/L Pl 522-O/13 he GJ06
3699989 Sx 821-O/5 hg sl
15763305 Sx 821-O/5 hg sl
42981357/L PlSx 823-O/9 he sl
78424702 SxPl 724-O/6 he sl
85569528/L SxPl 823-O/4 he sl
99366013/L SxPl 731-O/13 hg sl GJ06
3959568 SxPl 823-O/3 he sl
16239587/L Sx 821-O/5 he
44155825 Sx 820-O/5 la he
78475496 SxPl 623-O/7 sl
85726000 PlSx 424-O/13 he GJ06
99664692/L Pl 721-O/6 he sl
4862109 Sx(Pl) 521-O/8 he sl
16296054 PlSx 522-O/11 he sl GJ06
44335311 Sx(Pl) 833-O/8 sl he
78522691/L SxPl 833-O/6 he sl
86161533/L Sx 820-O/6 he sl
99665870 Pl 524-O/8 sl
5292699 SxPl 834-O/8 sl he
17023470 Sx 712-O/5 he sl
46902606/L Pl 822-O/9 sl he
78553304/L Pl(Sx) 623-O/10 sl
86459556/L Pl(Sx) 821-O/8 he sl es
99796062 Pl 526-O/14 he
5364862 Sx 410-O/6 sl ls he
17294444 SxPl 723-O/6 he sl
47629663 Sx 610-O/5 hg
78612034 Sx 935-O/6 sl he
86561607 Sx 721-O/5 he sl
5954887 Sx 410-O/6 sl ls he
17744908/L Pl 622-O/10 he by sl
48042906/L PlSx 823-O/9 sl
78683643/L Pl 622-O/8 sl
86776054 PlSx 424-O/13 he GJ06
6115616/L Pl 722-O/7 he sl
18809614/L SxPl 821-O/4 he sl
50633479 Sx(Pl) 822-O/4 sl he
78723274 Sx 510-O/7 hg sl
86935973 Pl(Sx) 426-O/13 he GJ06
7209585/L PlSx 821-O/8 he sl es
19199602 Sx 820-O/5 hg sl
50684586 Sx 823-O/5 he sl
78823103 Sx(Pl) 834-O/8 sl he
87192073 Pl 413-O/6 sl he
7560785/L SxPl 833-O/5 he sl
19334090 Sx 511-O/6 sl he
50951811 Sx(Pl) 813-O/4 sl he
78832396/L SxPl 513-O/6 sl he
87224297/L PlSx 822-O/6 he sl
8246084 Pl 526-O/14 he
21554759 Pl(Sx) 414-O/8 sl
51282401/L SxPl 612-O/6 sl he
78840529/L Pl 823-O/8 sl
87936056/L PlSx 623-O/12 he GJ06
8409597/L PlSx 821-O/8 he sl es
22209585/L SxPl 823-O/4 sl he
51763897 la he
78921281/L SxPl 823-O/6 sl he
88025651 Pl 415-O/6 sl
9834968 Sx 510-O/6 sl hg ls
22755183 Sx(Pl) 511-O/7 sl he
52462326/L Pl 821-O/7 sl he
79151874 Sx(Pl) 824-O/4 sl he
88275686 Pl 425-O/9 sl
9899603/L Sx 620-O/7 he sl
23375112 Pl 415-O/7 sl
54482269 Sx(Pl) 823-O/5 sl he
79490433/L SxPl 922-O/7 he sl
89085705 Pl 513-O/7 he sl
10342399 Sx 823-O/4 sl he
26124633 Sx 510-O/7 hg sl
56136146/L Pl 833-O/11 he sl GJ06
80025545 Sx 620-O/6 sl he
89125161/L Pl(Sx) 722-O/7 he
10659573/L PlSx 821-O/8 he sl es
26415110 Sx 511-O/6 sl he
56859771/L Pl 921-O/7 he sl
80224629/L Pl 724-O/7 sl
90301941 PlSx 414-O/7 sl he
10694833 Sx 511-O/7 he sl
26436113 Pl 526-O/12 he GJ06
56815272 Sx 934-O/4 sl he
80295992 sl he
91671578 Pl 525-O/8 sl
12035618 Sx 611-O/6 sl he
27184488/L Pl(Sx) 823-O/9 he sl
57043970 SxPl 934-O/6 sl
80444824 Sx 825-O/6 sl he
93165631 Sx 411-O/7 sl he
12280343 Pl 410-O/4 hg
27731298/L Pl(Sx) 823-O/7 he sl
57050059/L PlSx 822-O/9 he sl
80629526 SxPl 824-O/6 sl he
93584816/L SxPl 823-O/5 he sl
12393561 PlSx 514-O/7 he sl
27815094/L Pl(Sx) 833-O/6 sl
57311233/L Pl 820-O/8 he sl
80844290/L PlSx 822-O/9 he sl
94703091 Sx 414-O/8 sl
12932487 Sx 824-O/5 sl
28005057 hg sl
57339930/L Pl 821-O/9 he sl
80911512/L PlSx 822-O/9 he sl
95371321 Sx 821-O/6 sl he
13042186/L Pl(Sx) 822-O/8 he sl
29024750 Sx 821-O/5 sl he
57341742/L PlSx 822-O/6 sl he
81004795 PlSx 413-O/7 sl he
95443090/L Pl(Sx) 413-O/7 sl
13126083/L Pl(Sx) 932-O/9 he GJ06
31100099/L SxPl 822-O/4 he sl
57471113 Sx 610-O/4 hg sl
81262673 Sx 834-O/8 sl
96574434/L Pl(Sx) 724-O/8 sl
13151929/L Pl 821-O/7 he sl
31984011 Sx 510-O/6 hg sl
57520709 Sx 824-O/4 sl he
81284607/L Pl(Sx) 823-O/8 he sl
96908811/L SxPl 823-O/7 he sl
13432126/L Pl 822-O/6 he sl
32439649/L Pl 922-O/7 he sl
57621567 Sx 510-O/6 hg sl
81873214/L Pl 623-O/8 sl he
97070127/L PlSx 821-O/7 sl he
14215583 Sx 821-O/4 hg sl
33569644/L Pl 921-O/5 he sl es
57699718/L Pl(Sx) 922-O/5 he sl la
82089523 Sx(Pl) 823-O/4 sl he
97135620 Pl 624-O/8 sl