Vegetation Map
092J069

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 *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

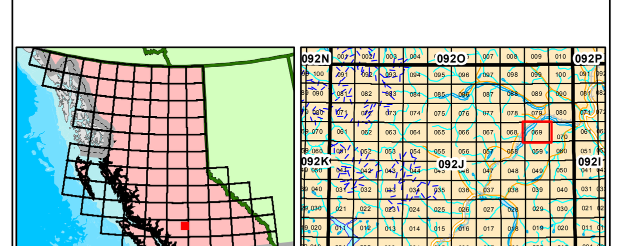
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

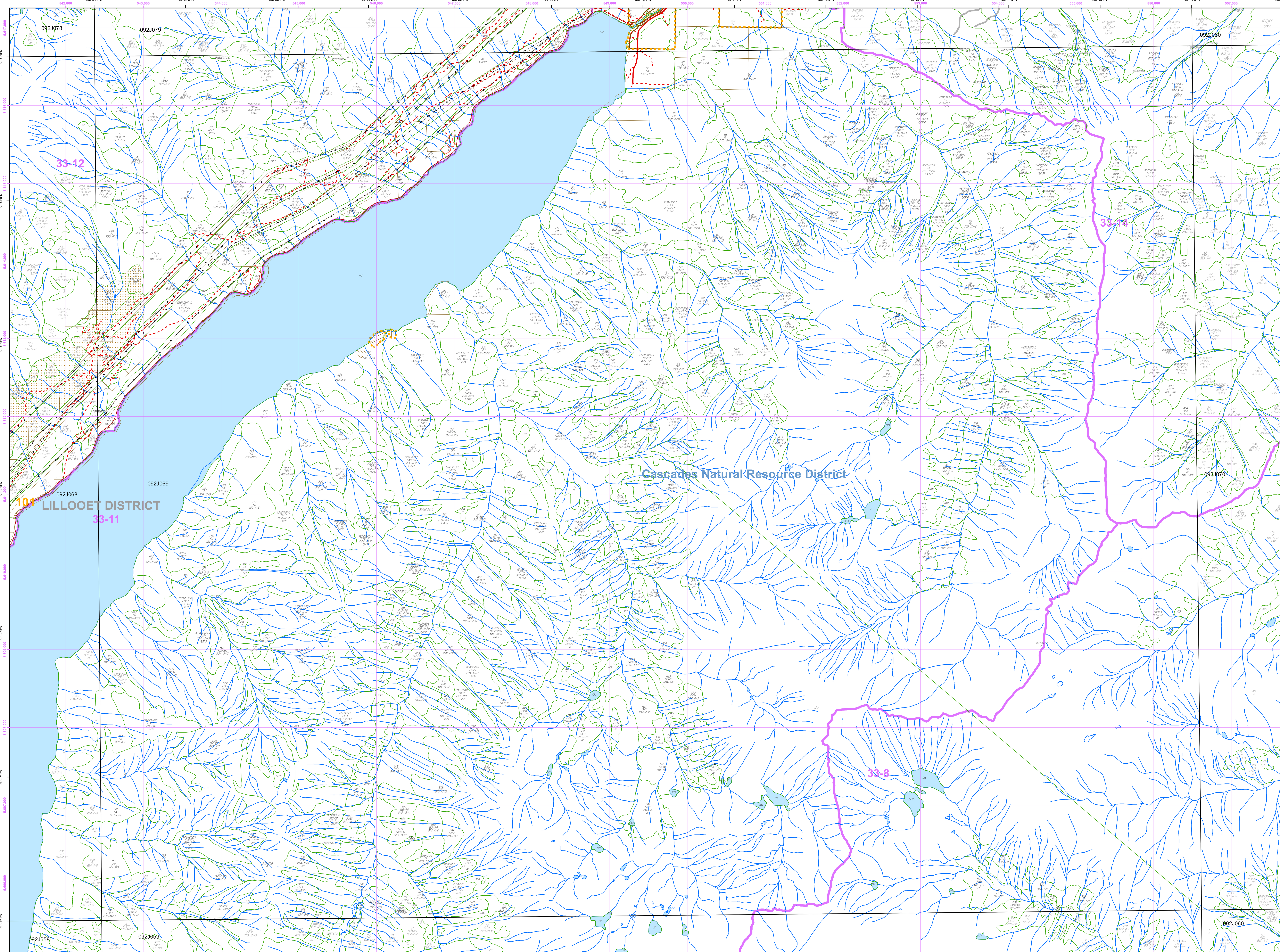
A Animal Damage, B Wildfire, C Cone and Seed Insects, D Diseases, I Insects
L Logging, M Mite Damage, N Non-Biological Injuries, P Cone and Seedling Fungal Pathogens
R Site Rehabilitation, T Treatment Injuries, U Damage Unknown, V Problem Vegetation

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

2 Bl(Se) 834-8/6 AF — 266 Bl(FdPl) 834-10/8 GJ86 — 548 Se 845-18/17 — 5971566l Bl(FdPl) 725-9/7 AF
4 Bl(Se) 836-10/8 — 270 Fd(Pl) 826-9/8 — 549 SeBl(Pl) 834-10/11 — 78982650/L FdPy 924-7/5 GJ04
17 Fd(Pl) 835-11/10 — ○206 274 Fd 533-19/19 GL68 — 552 SeBl(Pa) 844-12/13 — 79092776/L FdPy 933-12/11 NP GJ06
18 Pl(Fd) 326-15/14 GN58 — ○206 279 Fd 434-18/17 GL68 — 558 BlSe 726-7/5 — 79644303/L FdBl(Pl) 834-11/10 GJ04
20 Fd 834-11/10 — 281 Fd 535-18/17 — 559 SeBl 835-8/10 — 86825373/L Bl(SePl) 822-8/6 GJ07
27/L FdPl 325-16/16 — 313 Fd 935-10/10 — 563 BlPaSe 824-6/4 AF — 95875397/L PlFd 321-12/11 GN08
34 Fd 824-9/8 — 326 Fd(Ep) 834-11/10 — 567 NPBR — 97579463/L BlFd(Pl) 723-7/6 GJ07
36 Fd 824-9/8 — 340 Fd 835-12/11 — 593 R
47 FdPy 823-10/9 NP — 342 FdSe 835-15/14 — 603/L Bl 516-7/6
48 PyFd 822-6/5 NP — 344/L At(PlFd) 536-19/18 — 604 SePa 835-9/9
54 AtFd 636-17/16 — 350 FdBl 835-11/11 — 606 Se(Bl) 945-10/12
95 FdBl(Se) 836-11/10 — 351 BlFd 824-9/7 — 610 Fd(Bl) 934-11/11
102 FdBl 824-9/8 NP — 362 Fd 944-13/12 — 611 FdB 924-8/8
104 Fd 723-11/10 NP — 365 Fd(Pl) 836-13/13 — 613 A
110 BlFd 724-8/7 — 367 BlSe(Fd) 834-10/9 — 614 PlFd 726-8/8
131 BlSePa 524-8/7 AF — 368 SeBlFd 835-10/11 — 2259388/L PlFd 822-10/10 NP GJ04
134 FdPl 812-5/5 AF — 385 BlSe(Pa) 833-10/8 — 3842022/L Fd(Pl) 820-7/7 NP GJ03
138 BlPa 623-9/8 AF — 388 BlPa 723-6/5 AF — 28163538/L BlPa(Pl) 624-9/8 GJ06
139 BlPa 622-9/8 AF — 389 BlPa 724-7/5 — 3544492 Fd(Se) 622-12/11 GB09
142 FdBl 634-14/14 — 397 BlSe 825-7/5 — 38474707 Fd(SeBl) 833-12/12 GB09
151 BlPa 624-9/8 AF — 398 PaBlSe 813-5/5 AF — 43125681 Fd 635-17/17 GB09
154 FdBl 623-11/10 AF — 408 B 735-12/11 — 43514760 Fd 832-13/12 NP GB09
155 FdBl 623-9/9 AF — 409 Bl(Pl) 935-10/9 — 44385447 Fd 831-12/11 NP GB09
161 BlFd 627-11/10 — 413 BlSe 835-13/12 GU86 — 44565089 Fd 731-15/14 GB09
171 Fd 835-11/10 — 422 FdSeAt 745-20/19 — 46175681 Fdi 642-0/18 bu GB09
176 Fd 834-11/10 — 425 SeFd(Pl) 733-15/14 — 48885426 Fd 833-12/11 GB09
179 BlFd 623-9/8 AF — 426 SeBl 734-11/10 — 49955559 Fd 834-12/11 GB09
180 Fd 835-11/10 — 458 SeBl(Fd) 844-13/13 — 50125303 Bl(FdSe) 723-9/8 GB09
182 Fd(BlPl) 625-12/12 — 460 Fd(SePl) 833-13/13 NP — 51095645 Fd 833-12/11 GB09
185 BlPl(Fd) 623-11/10 AF — 475 FdSe(Pl) 844-15/15 GU86 — 51355611 BlFdPl 724-10/9 GB09
191 BlPa(Pl) 624-9/8 — 477 Fd(Pl) 834-14/13 — 51425719 Fd 833-12/11 GB09
241 Fd 935-11/11 — 479 Se 846-18/17 — 52095711 Fdi 632-0/12 bu GB09
243 FdPy 834-11/10 — 528 BlPa 823-6/5 AF — 52285729 Fd 825-10/10 GB09
247 PyFd 831-8/6 NP — 540 BlSePa 725-10/9 — 56065540 BlFd 822-5/3 NP