Vegetation Map
082J054

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
- Silviculture 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
bb/rk - 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

Code	Species
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

Code	Species
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

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

EXOTICS

Code	Species
	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 are not 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 graminoids > 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	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
be	BEACH	la	LAKE	mz	RUBBLY MINE SPOILS	rn	RAILWAY SURFACE
bi	BLOCKFIELD	lb	LAVABED	oc	OCEAN	rs	RIVER SEDIMENTS
br	BEDROCK	ll	LANDING	ot	OTHER	rz	ROAD SURFACE
bu	BURNED AREA	ls	POND or LAKE SEDIMENTS	pn	SNOW COVER	ta	TALUS
cb	CUTBANK	mi	OPEN PIT MINE	re	RESERVOIR	tz	TAILINGS
es	EXPOSED SOILS	mn	MORAINE	ri	RIVER / STREAM	ur	URBAN
gl	GLACIER						

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

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

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

Line 6 - Disturbance History

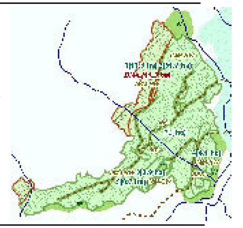
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

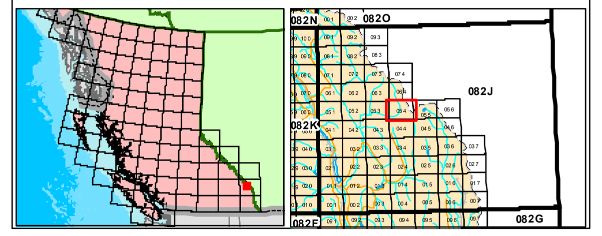
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

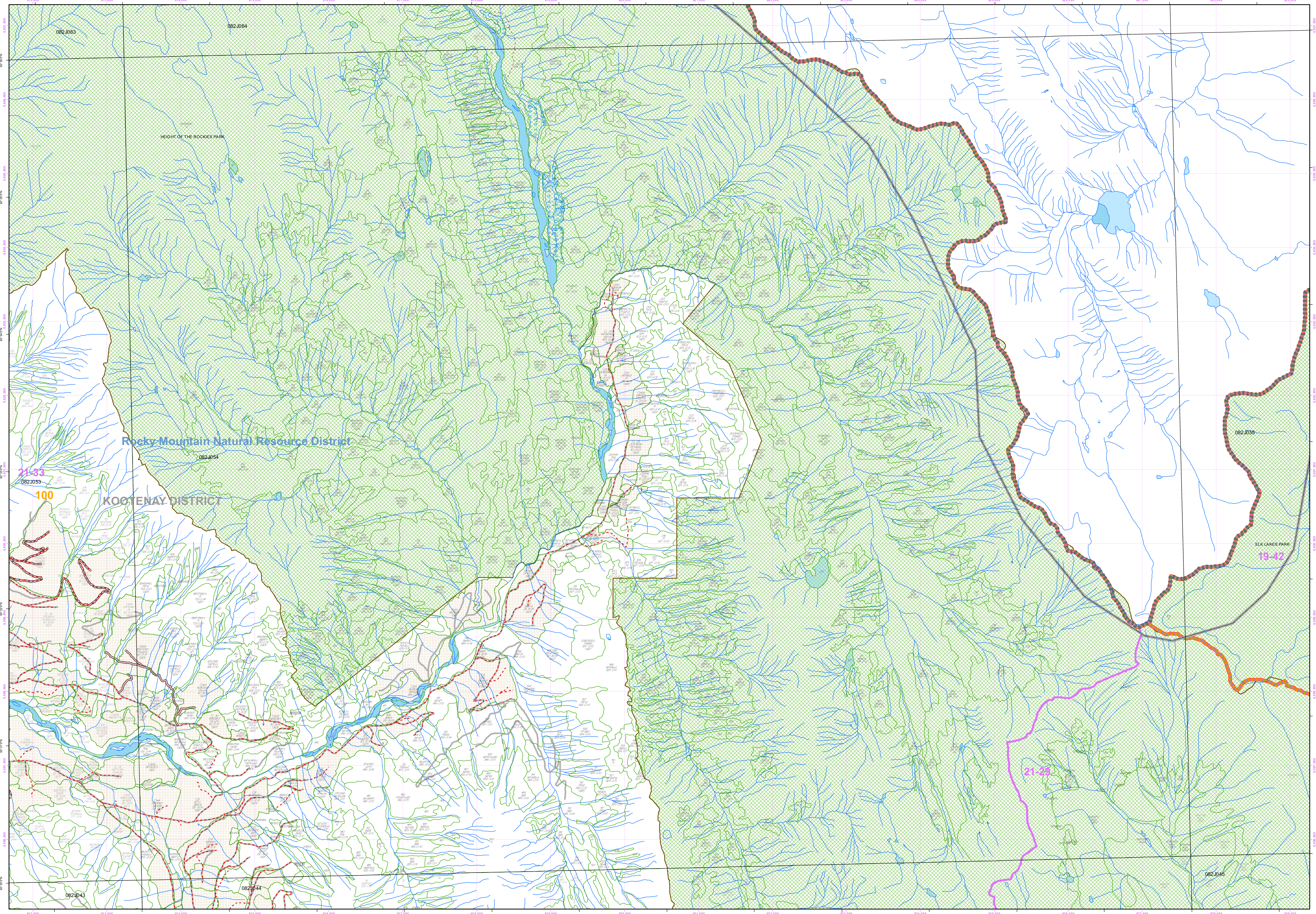
Example Opening History Details

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 SeBl 835-0/9	161 FdPl 632-0/12 NP	365 SeBl 636-0/14	541 SeBl 734-0/10	20356642/L PlFd(Lw) 423-0/14 GJ07	○1109 91312702 GJ13
6 SeBl 633-0/12	162 Fd 834-0/12	368 SeBl 944-0/13	542 SeBl 726-0/8	20745717 Pl 637-0/19	92302575/L Sx 514-15/15 GJ94
12 SeBl 637-0/14	225 PlFd 422-0/11 NP	369 SeBl(Pl) 637-0/12	543 FdSe 935-0/10	21736106 Pl 637-0/17	92882314 SePl(FdLw) 846-0/13
○1 13 SePl(FdBl) 337-0/25 GN50	235 FdSe 834-0/10	374 SeBlPl(La) 824-0/6	544 BlSe 825-0/7	○1108 22185567 Pl 637-0/19	94053202/L PlFd(Se) 625-0/11 GJ05
16 SeBl(FdPl) 735-0/14	237 SeBlPa 726-0/7	376 SeBl 823-0/5 AF	545 SeBl 725-0/8	22345140 Pl 637-0/19	○1103 94182734 PlLw(Sx) 111-18/18 GJ06
18 Se 633-0/15	244 SePl(Lw) 835-0/7	377 SeBl 627-0/8	557 SeBl(La) 726-0/9	24947154/L PlSeFd 624-0/10 GJ05	94831908 Se(FdPlBLw) 846-0/16
21 Se(FdPa) 635-0/12	245 SeBl 824-0/5	378 SeBl(Pl) 826-0/6	558 SeBl(La) 725-0/7	25037253/L SePl(BlFd) 536-0/16 GJ06	95842719 PlFdLw 636-0/17
22 SePa(Bl) 624-0/10	246 SeBlPa 726-0/7	383 FdSe(LwBl) 834-0/13	559 SeBl 735-0/10	25155977/L PlFd 624-0/9 GJ05	96323002 Fd(Se) 945-0/14
24 Se 634-0/12	247 SeBl 823-0/5 AF	387 SePa 612-0/5 AF	560 SeBl(La) 725-0/8	25595856/L PlSeFd 624-0/11 GJ07	○1110 97172755 Lw(SxPl) 111-19/19 GJ13
25 SeBl 623-0/10	251 Se 832-0/7 NP	390 PlSePa(Fd) 725-0/11	562 PaSe(La) 712-0/4 AF	26245235 PlFd 635-0/16	○13 97382214 BSPl 210-15/15 GJ93
30 SePa(Bl) 923-0/4 AF	254 LaBl 823-0/7 AF	391 SeBlPl(Pa) 723-0/8	573 LaBlSe 823-0/7 AF	30325748/L PlSe 425-0/13 GJ05	97811979 BlSe(Fd) 111-14/14 GJ99
33 Se 935-0/6	255 LaBl(Se) 934-0/10	396 Se(BlLa) 933-0/7 AF	577 BlLaPa 923-0/2 AF	58183439 BlSePa 924-0/2 AF	97892825 PlFdLw 636-0/17
39 SeFd(Bl) 526-0/13	263 SeBl(La) 826-0/5	397 Se(BlPa) 735-0/10	583 BlSeLa 924-0/2 AF	58363259 BlLaSe 923-0/2 AF	98062050 PlSe 846-0/19
40 SeFd(Pl) 923-0/5	265 LaBl 824-0/5 AF	398 Se(BlPa) 726-0/8	597 Se(Bl) 724-0/7	58953046 BlLa(Se) 923-0/2 AF	98511984 Se(FdPlBLw) 846-0/16
42 SePa(Fd) 934-0/7	266 BlSeLa 824-0/4 AF	400 Se(BlPa) 734-0/10	598 PlFd 427-0/13	59443231 BlSe 935-0/5	98820255 SeBl(Fd) 112-14/14 GJ99
43 SeBlPa 825-0/5	268 Bl(SeLa) 824-0/3 AF	402 Pl 726-0/12	599 Se(Pl) 735-0/15	59592840 SeBl 944-0/11	99363008 R
45 SeBl 624-0/8	271 BlSe 835-0/10	426/L SeFd(Pl) 647-0/18	608 SeBl 945-0/13	60003294 BlSe 936-0/4	99442048 PlSe 846-0/19
46 SePa(Bl) 824-0/5	272 Bl(Se) 325-0/14	438 SeBl 945-0/13	618 SeBlPa 823-0/7 AF	60503457 BlSe 936-0/4	99971795 NPBR
47 SeBlPa 524-0/10	278 BlSe 925-0/3	446 SePl(FdLw) 845-0/12	619 SeBl 725-0/8	60522688 BlSePa(La) 821-0/5 AF	
60 PlSe 427-0/16	279 SeBl 933-0/6	452 FdPl(LwEp) 626-0/11	620 SeBl 724-0/7	61062737 SeBlLa 823-0/6 AF	
63 Pl(FdPa) 422-0/10 NP	280 SeBl 933-0/6	461 PlFd(Se) 625-0/12	8523926/L FdPlSe 423-0/12 GJ05	62713882 BlSe 936-0/4	
65 SePa(Bl) 423-0/15	286 BlSe 526-0/10	466 Fd(Pl) 623-0/8	○1111 11604077 SePl(Lw) 844-0/13	63923215 SeBl 944-0/11	
70 SeBl 632-0/11 NP	287 SeBl 622-0/7 NP	471 Se 532-0/13	14845214/L PlSeFd 635-0/16 GJ05	64443331 SeBl 944-0/11	
74 Se(PlBl) 636-0/15	298 Pl(SeBl) 925-0/11	483 PlSe(Fd) 837-0/11	17204400 Se 847-0/17	65523456 SeBl 945-0/10	
76 Se(BPl) 634-0/15	303 FdPlSe 425-0/13	488 SeBl 836-0/10	17865418/L SePl(Fd) 635-0/14 GJ08	66443355 SeBl 945-0/10	
88 Pl(SeBl) 526-0/13	305 Pl 627-0/12	491 SeBl 835-0/7	○29 17916023 SxPl(Bl) 112-20/20 GJ02	○43 86302981 PlSeFd 221-15/16 GJ76	
90 Pl(FdSe) 536-0/14	307 PlSeFd 734-0/13	493 SeBl(La) 835-0/7	○29 18346101	86513798/L PlFd 724-0/11 GJ08	
○1 100 SePl(Fd) 326-0/16 GN50	308 Pl(Fd) 627-0/10	494 BlSe 824-0/6	18564471 SxFdPl 734-18/18	87092667/L PlSe 635-0/19 GJ07	
121 SeBl 835-0/10	320 PlSe(Lw) 626-0/12	496 SeFd(BlLw) 934-0/9	○1112 18675621 PlSe 536-0/20	○1106 87622285 PlSe 736-0/15	
127 SePaBl(Fd) 624-0/10	328 Lw(FdSe) 845-0/18	521 SeBl 934-0/6	○1113 19011881 Se(Fd) 636-0/16	88032567/L SePl 733-0/14 GJ08	
129 SeBlFd 626-0/10	329 Lw(FdSe) 864-0/20	522 SeBl(La) 933-0/7	19116820/L Fd(Pl) 633-0/13 GJ05	88133835/L Pl(Fd) 725-0/12 GJ07	
146 Pl(Fd) 427-0/11	339 Fd(PlEp) 633-0/13	523 SeBlPa 823-0/7 AF	19174670 SeBl(Fd) 945-0/16	88187752/L SePl(Lw) 747-0/16	
148 SeFd 623-0/10	347 SePl(Fd) 846-0/12	524 SeBlPa 823-0/6 AF	○1107 19986137 Pl 637-0/17	88322943/L FdLw(Pl) 635-0/16 GJ04	
151 Fd(Pl) 622-0/9 NP	358 BlSe(La) 313-11/11	534 SeBl 945-0/11	20216353/L PlLw(Fd) 634-0/17	88333844/L PlSe(Fd) 726-0/12 GJ07	
155 PlSe(Bl) 636-0/13	361/L LwFd 842-0/17	535 SeFd(Bl) 835-0/8	○1114 20334888 Pl 637-0/19	88532378/L SePl(Fd) 735-0/13 GJ07	