## **Cheakamus Community Forest Open House**

February 1, 2016

HI - Whistler







### **Outline for Today**

- Share process and results of Integrated Resource Mapping Project (EBM Reserves & Special Management Zones)
- Show 1 3 year harvesting plans, 4 10 year conceptual plans & 2016 harvesting plans
- Identify proposed harvesting and wildfire fuel management areas in Cheakamus Valley
- Request feedback









## **CCF Organization**

- Limited Partnership Agreement : Lil'wat Nation,
   Squamish Nation & Resort Municipality of Whistler
- Not For Profit Society
- 21,000 m<sup>3</sup> Annual Allowable Cut
- CCF tenure signed April 9, 2009







## **CCF** Organization

#### **CCF Society Board of Directors**

Mayor Nancy Wilhelm-Morden RMOW

Sue Maxwell, Councilor RMOW

Chief Dean Nelson
 Lil'wat Nation

Kerry Mehaffey Lil'wat Nation

Chief Bill Williams Squamish Nation

Jeff Fisher Squamish Nation

Heather Beresford RMOW (Administrator)







## Integrated Resource Mapping Project

Goal: to identify areas of ecological, cultural or recreational importance that are

- (a) protected from harvesting, or
- (b) require additional consultation if harvesting proposed

Once those areas determined, long range harvesting areas could be identified.







## Integrated Resource Mapping Project

#### In 2015, CCF met with:

- Commercial recreation tenure holders (5)
- Public recreation groups (Alpine Club Canada and WORCA)
- AWARE
- Forest & Wildland Advisory Committee (RMOW)
- Squamish & Lil'wat Nations







#### **Definitions**

#### Old Growth Management Areas:

- Provincial process completed in August 2015
- Requirement of Forest & Range Practices Act
- Protected from logging but can be altered through process

#### Ecosystem Based Management (EBM) Reserve:

- a voluntary layer of protection by the CCF
- Protected from logging for ecological, cultural or recreation reasons







#### **Definitions**

#### Special Management Zone:

- First Nations cultural area, or
- Important area for a commercial recreation tenure
- Additional consultation if logging proposed

#### Interface Zone:

- Area identified in CCF Forest Stewardship Plan
- Harvesting only for fuel management purposes

#### Landscape Level Fuel Thinning:

Areas where fuel management (thinning) may occur







#### **Definitions**

- 1 3 Year Harvesting Plan:
- Areas that will be harvested in next 1 3 years
- Good amount of certainty, market conditions willing

- 4 10 Year Conceptual Harvest Plan:
- General areas that may see harvesting
- Exact harvesting blocks have yet to be determined







## Areas Already Protected

OGMA
Wildlife Habitat Areas
Ungulate Winter Range
Wildlands

## EBM Reserves

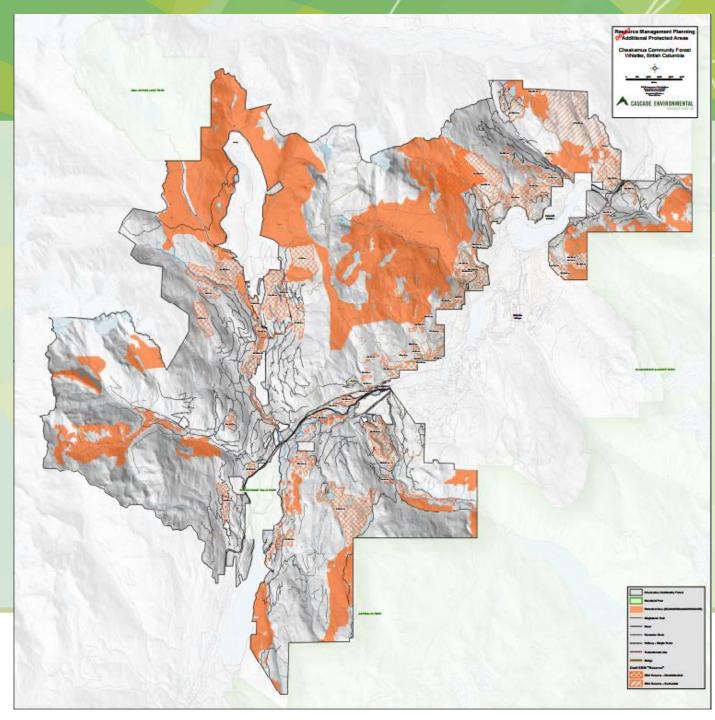
Already Protected Areas (orange)



EBM Reserve – Environmental

EBM Reserve – Recreation

(orange hatch & diagonal)



# Special Mgt

#### Zones

Already Protected Areas (orange)

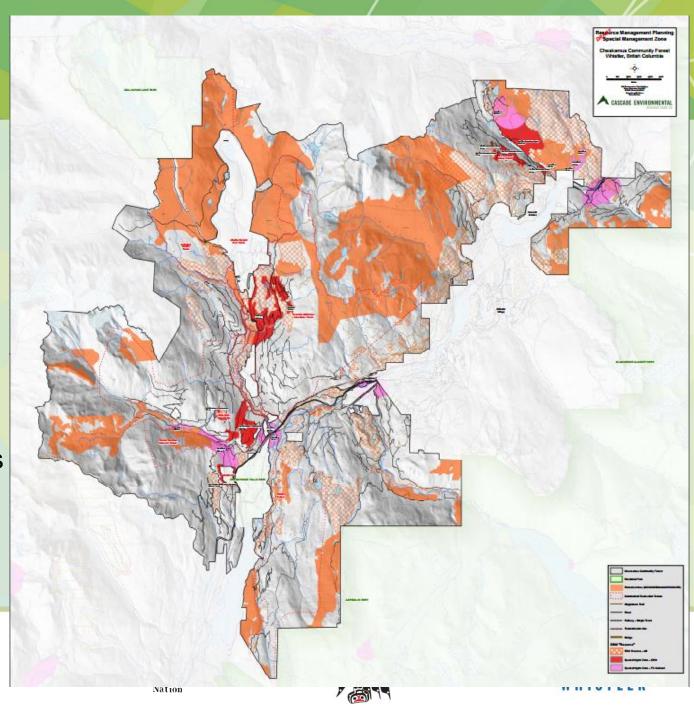


EBM Reserves (hatch)



SMZ – First Nations (pink)

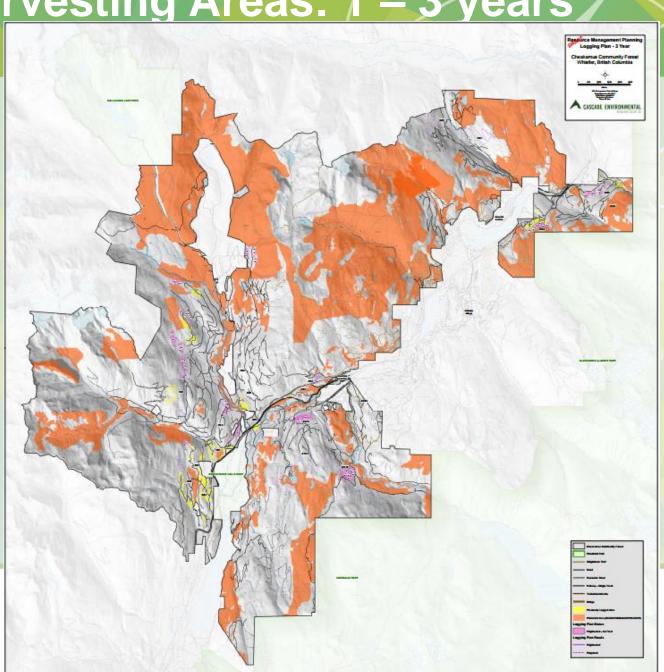
SMZ – Commercial Rec (red)



Future Harvesting Areas: 1 – 3 years

1 -3 Years: Pink Polygons

Previously Logged: Yellow polygons

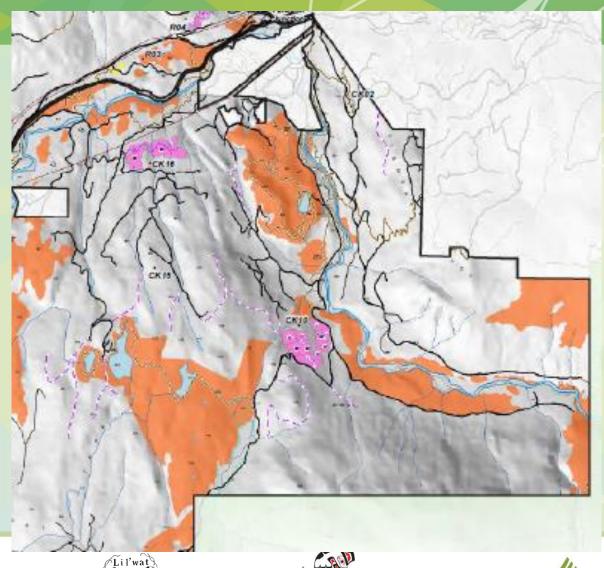


## Future Harvesting Areas: 1 – 3 years

Cheakamus Valley

1 -3 Years: Pink Polygons

Orange – areas protected from logging



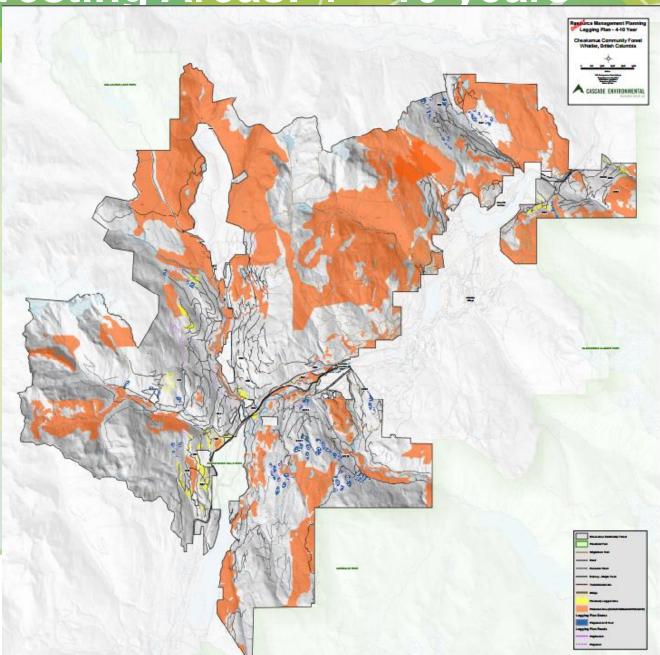






## Future Harvesting Areas: 4 – 10 years

4 – 10 Years: Blue polygons



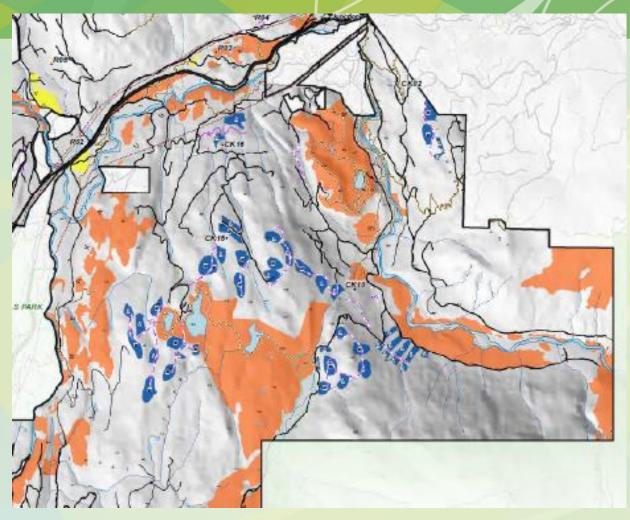
## Future Harvesting Areas: 4 – 10 years

Cheakamus Valley

4 – 10 Years: Blue polygons

Protected from logging: Orange

Previously Logged: Yellow









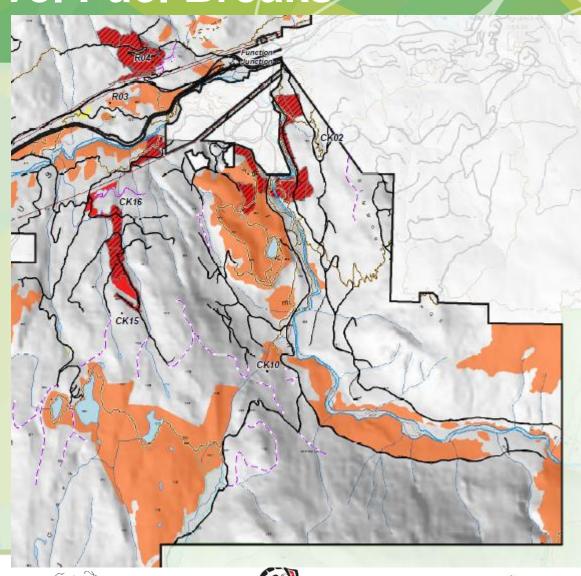
## Landscape Level Fuel Breaks

Proposed Wildfire Fuel Thinning: Red polygons

Landscape Level Fuel Breaks

Cheakamus Valley

Proposed Wildfire Fuel Thinning: Red polygons

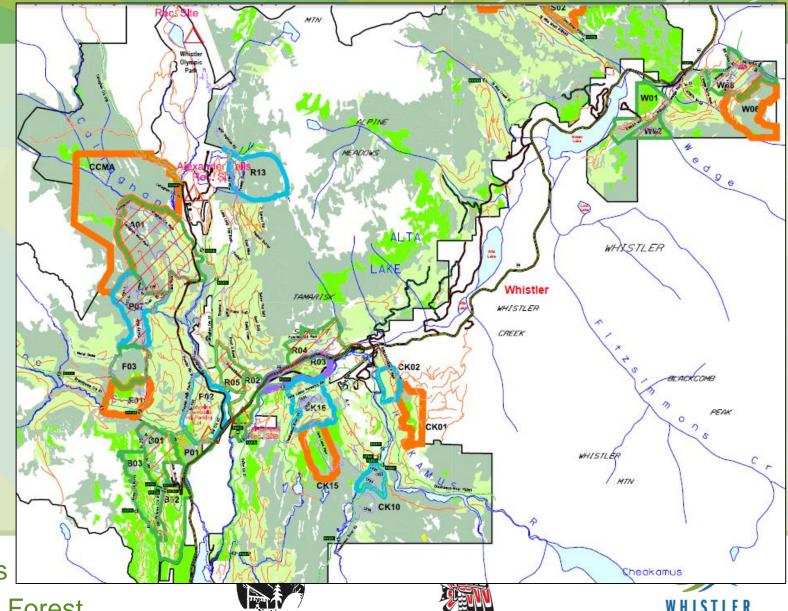








## 2016 Harvesting Plan: Key Map



Cheakamus

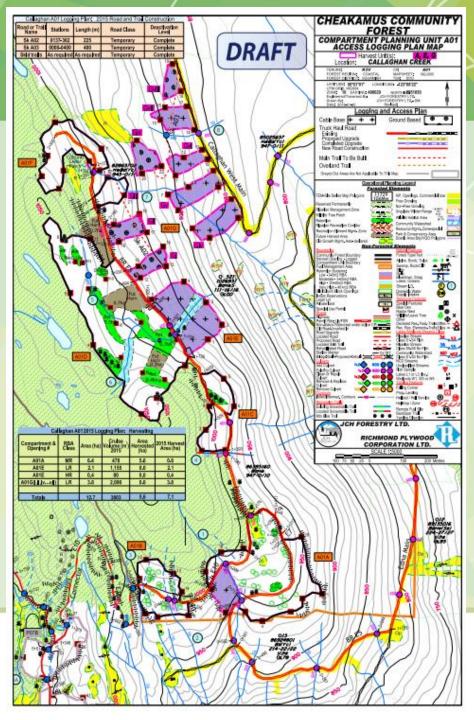
**Community Forest** 

# **2016 Harvesting Plan Areas**

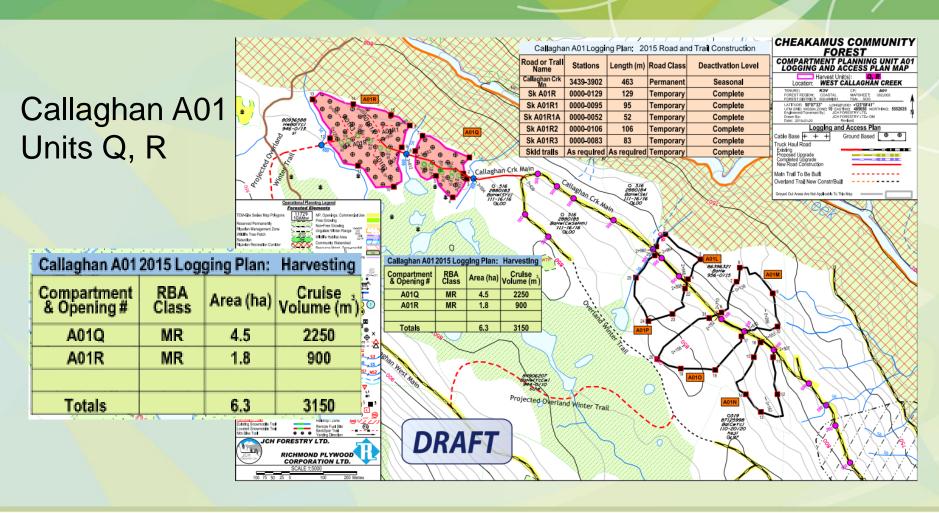
Callaghan A01, Units A, E, G

Callaghan A012015 Logging Plan: Harvesting								
Compartment & Opening #	RBA Class	Area (ha)	Cruise 1 Volume (m) 2015	Area Harvested (ha)	2015 Harvest Area (ha)			
A01A	MR	6.4	478	5.6	0.8			
A01E	LR	2.1	1,155	0.0	2.1			
A01E	HR	0.4	80	0.0	0.4			
A01G(I,ii,ivvii)	LR	3.8	2,090	0.0	3.8			
Totals		12.7	3803	5.6	7.1			





### 2016 Harvesting Plan Areas







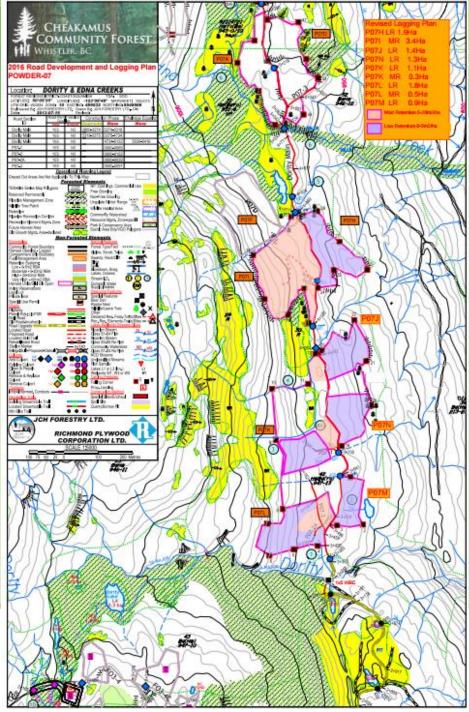


# **2016 Harvesting Plan Areas**

## Powder 07, Dority & Edna Creeks Area

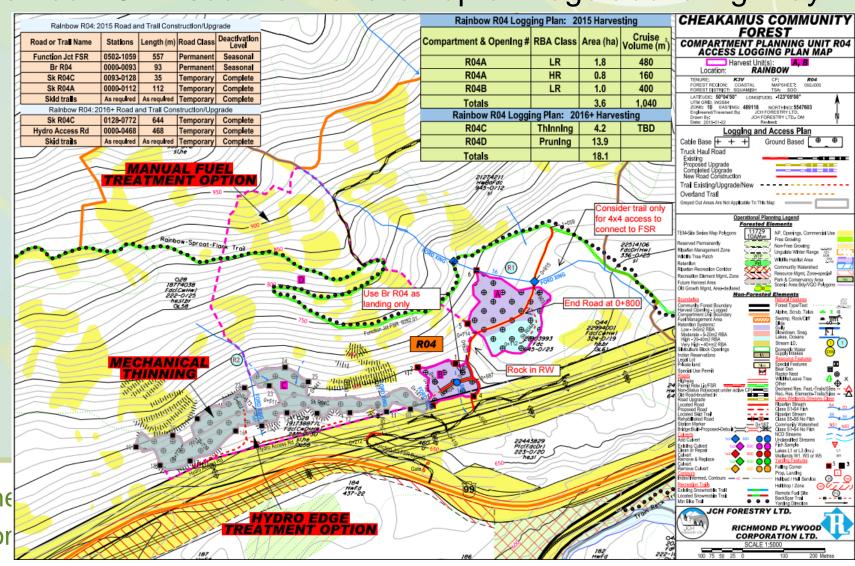
Revised Logging Plan
P07H LR 1.9Ha
P07I MR 3.4Ha
P07J LR 1.4Ha
P07N LR 1.3Ha
P07K LR 1.1Ha
P07K MR 0.3Ha
P07L LR 1.8Ha
P07L MR 0.5Ha
P07L MR 0.9Ha
Mod Retention 5-20m2/ha
Low Retention 0-5m2/ha





#### 2016 Harvesting Plan Areas

#### Rainbow 04 – south of Function up on ridge above highway

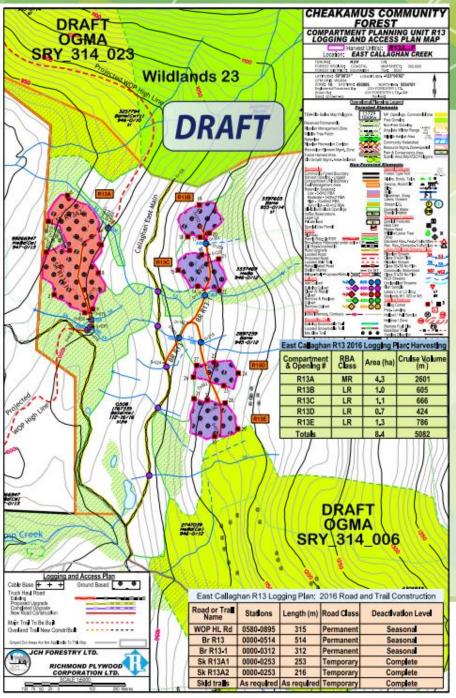


# **2016 Harvesting Plan Areas**

## Rainbow 13 – East Callaghan Creek

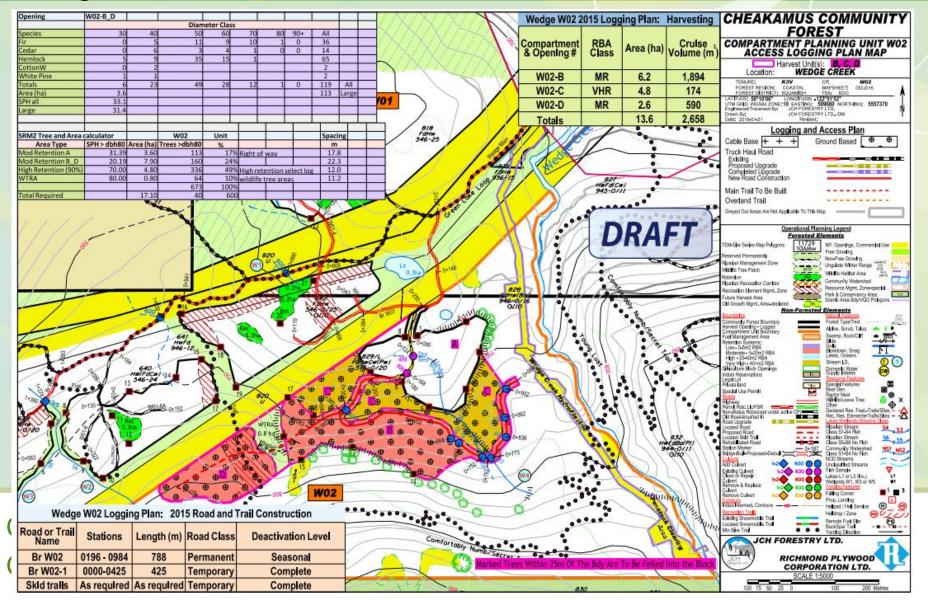
	East Callaghan R13 2016 Logging Plan: Harvesting						
1000	Compartment & Opening #	RBA Class	Area (ha)	Crulise Volume (m)			
	R13A	MR	4.3	2601			
	R13B	LR	1.0	605			
	R13C	LR	1.1	666			
	R13D	LR	0.7	424			
	R13E	LR	1.3	786			
	Totals		8.4	5082			





## 2016 Harvesting Plan Areas

#### Wedge 02



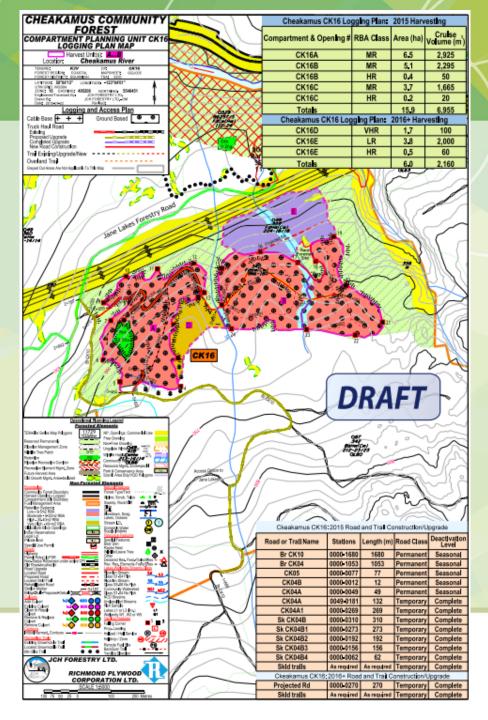
2016 Harvesting Plan Areas Compartment & Opening # Wedge 08 W08CIPIne Harvest Only Rest Of Salvage Area MR 160 Low Density Pine(LDP) 4.0 CHEAKAMUS COMMUNITY W08CII MR 3.6 900 **FOREST** W08C 0.4 20 96900009 Picifdci 435-0/16 W08B **COMPARTMENT PLANNING UNIT W08** W08C MR 4.2 1.050 **ACCESS LOGGING PLAN MAP** W08C HR 0.6 Harvest Unit(s): Cil. iv, vi, vii on: WEDGE CREEK 30 W08CIv 1.175 FUNDED INCOLUNE COASTAL MAPSHEET: 082/016
FOREST DETRICIT SOURMENT TAR SOURCE
LATITUDE: \$6716141\* LONGITUDE: 1227-5271\*
TUTM GETL WORSHOWN: 10 SERVICE 05229 MORTHAND; \$557521\*
EnglawsedTrawrased Bis; JOH PORESTRY LTD. DOW Rest Of Salvage Area MR 4.0 67 Power .ow Density Pine(LDP) 1.0 Logging and Access Plan W08CvI 0.9 225 Cable Base + + + Ground Based Truck Haul Road W08Cv MR 400 1.6 Existing W08Cv HR 0.6 30 New Road Construction W08Cv MR 4.3 1.075 Trail Existing/Upgrade/New W08Cv HR 0.3 15 Overland Trail 39.8 5,147 Totals EL DEBRIS EXCLUSION ZONE (FDEZ) EM-Site Series Map Polygons NP, Openings, Commercial Use Free Growing eread Permanenth Non-Eres Growton Riparian Management Zone Urigulate Winter Range Wildlife Tree Patch William Habitat Area Community Watershed Rigadae Recreation Contdo Resource Monti, Zone-special Recreation Element Maint, Zone uturo Harvest Assa Old Growth Mgmt, Area-declare ommunity Forest Boundary arvest Operang - Logged ompartment Unit Boundary Alpine, Scrub, Talus compartment unit sour ruel Management Area Retention Systems: Low - 0-5m2 RBA Swamp, Rodo/C@f И Moderate - 5-20m2 RBA High - 20-40m2 RBA Wedge W08C: 2015 Road and Trall Construction/Upgrade Road or Trail Domestic Web fivale land 0000-0107 Seasonal pedal Use Perniti W08C-1 0000-0843 Permanent Seasonal Sk W08C2 0000-0250 Temporary Complete Sk W08C3 0000-0188 188 Temporary Complete 0000-0147 147 Temporary Complete 56 55 Sk W08C6 0000-0266 266 Temporary Complete Community Watershie Class S1-84 No Fish Sk W08C7 0000-0147 147 Complete Temporary Sk W08C8 0000-0212 Temporary Complete dd Culvert Unclassified Streams 0000-0148 Temporary Complete Sk W08C12 0000-0059 59 Complete Temporary Sk W08C13 0000-0138 138 Temporary Complete alling Corner 0000-0255 Complete Temporary Helpad (Hel Service 97 Temporary Complete He∎drop / Zone Remote Fuel Site Sk W08C16 0000-0104 104 Complete Temporary Sk W08C22 0000-0224 224 Complete Temporary JCH FORESTRY LTD. Sk W08C23 0000-0178 Complete 0000-0182 Temporary Complete RICHMOND PLYWOOD 0000-0101 Temporary Complete CORPORATION LTD. Sk W08C28 | 0000-0121 Temporary Complete Skild trails As required

# **2016 Harvesting Plan Areas**

#### Cheakamus 16, Units A, B

Cheakamus CK16 Lo	2015 Harvesting					
Compartment & Opening #	RBA Class	Area (ha)	Cruise 3 Volume (m)			
CK16A	MR	6.5	2,925			
CK16B	MR	5.1	2,295			
CK16B	HR	0.4	50			
CK16C	MR	3.7	1,665			
CK16C	HR	0.2	20			
Totals		15.9	6,955			
Cheakamus CK16 Logging Plan: 2016+ Harvesting						
CK16D	VHR	1.7	100			
CK16E	LR	3.8	2,000			
CK16E	HR	0.5	60			
Totals		6.0	2,160			





### Potential 2017 - 2019 Harvesting

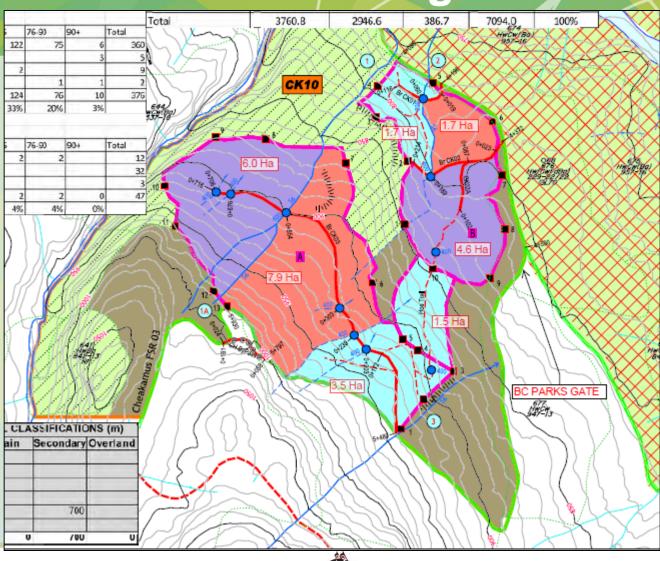
#### Cheakamus 10

Low Retention: Purple

Moderate Retention: Red

High Retention: Blue

Very high: Khaki









### **Next Steps**

- Intent is to finalize Integrated Resource Mapping project in early 2016.
- Review feedback on 2016 and future harvesting plans
- CCF launching an access management planning process in 2016





