

# 2008 Mine Reclamation Awards

Presented by

The British Columbia Technical and  
Research Committee on Reclamation



33<sup>rd</sup> Annual Mine Reclamation Symposium  
September 16, 2009 - Cranbrook, BC

# 2008 B.C. Jake McDonald Mine Reclamation Award

Teck Highland Valley Copper  
Partnership  
for Highland Valley Copper Mine

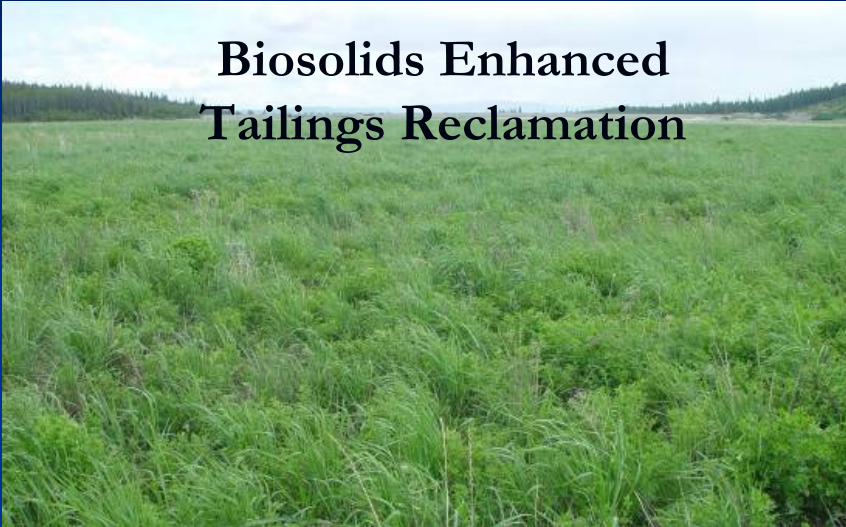
# Highland Valley Copper





# Highland Valley Copper

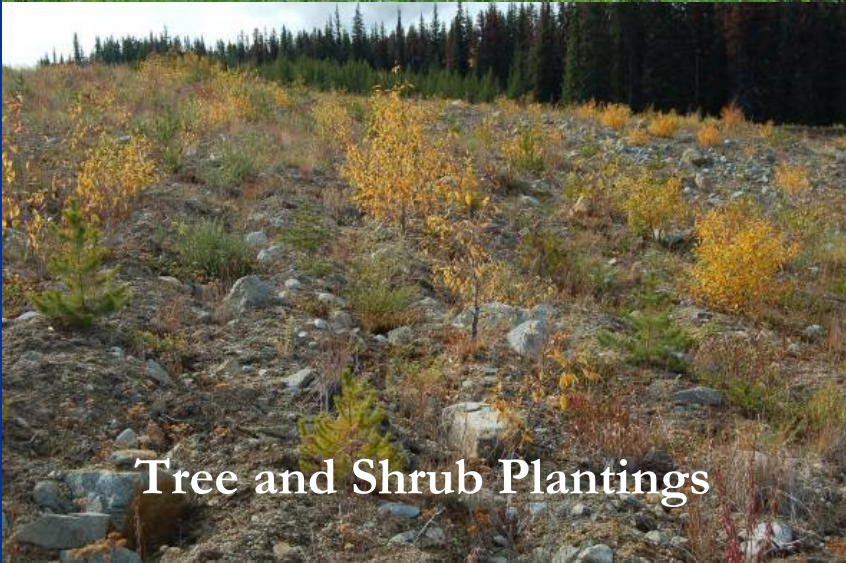
**Biosolids Enhanced  
Tailings Reclamation**



**Native Species Colonization**



**Tree and Shrub Plantings**



**Hybrid Poplar Plantings**





# Highland Valley Copper



Grasslands Provide Forage and Shelter  
for Ungulates and Other Animals



# Highland Valley Copper



Rocky Piles Create Small Mammal Habitat



# Highland Valley Copper



Creation of Riparian and Aquatic Habitat

# Highland Valley Copper





# Highland Valley Copper



# 2008 Metal Mining Citation

Northgate Minerals Corporation  
for Kemess South Mine



# Kemess South



**Tailings Dam 2008 – Overburden Placement in Progress**



# Kemess South



Placement of  
Coarse Woody  
Debris

Rough and Loose  
Surface Preparation





# Kemess South



Final Dam Face - August 2009



# Kemess South



**Native Species in Kemess and Woodmere Nurseries**





# Kemess South

## Willow Collection and Bioengineering Techniques





# Kemess South



Borrow 7 Reclamation



# Kemess South



2009

Reclamation of Mill Creek Access Road - Work Done 2005

# 2008 Coal Mining Citation

Teck Coal Ltd.  
for Coal Mountain Operations



# Coal Mountain Operations



**Reclamation of 1944 Spoil - Includes  
Placement of Rock Piles and Woody Debris**



# Coal Mountain Operations



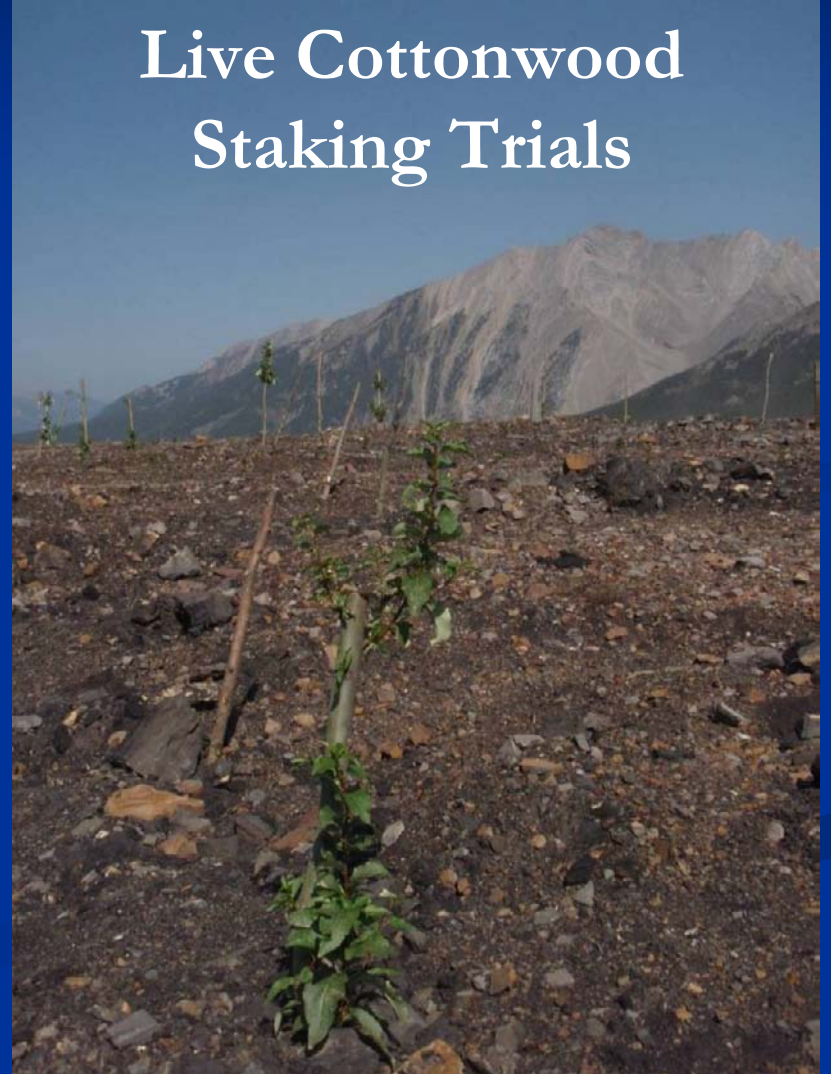
Reclamation Using Native Species



# Coal Mountain Operations

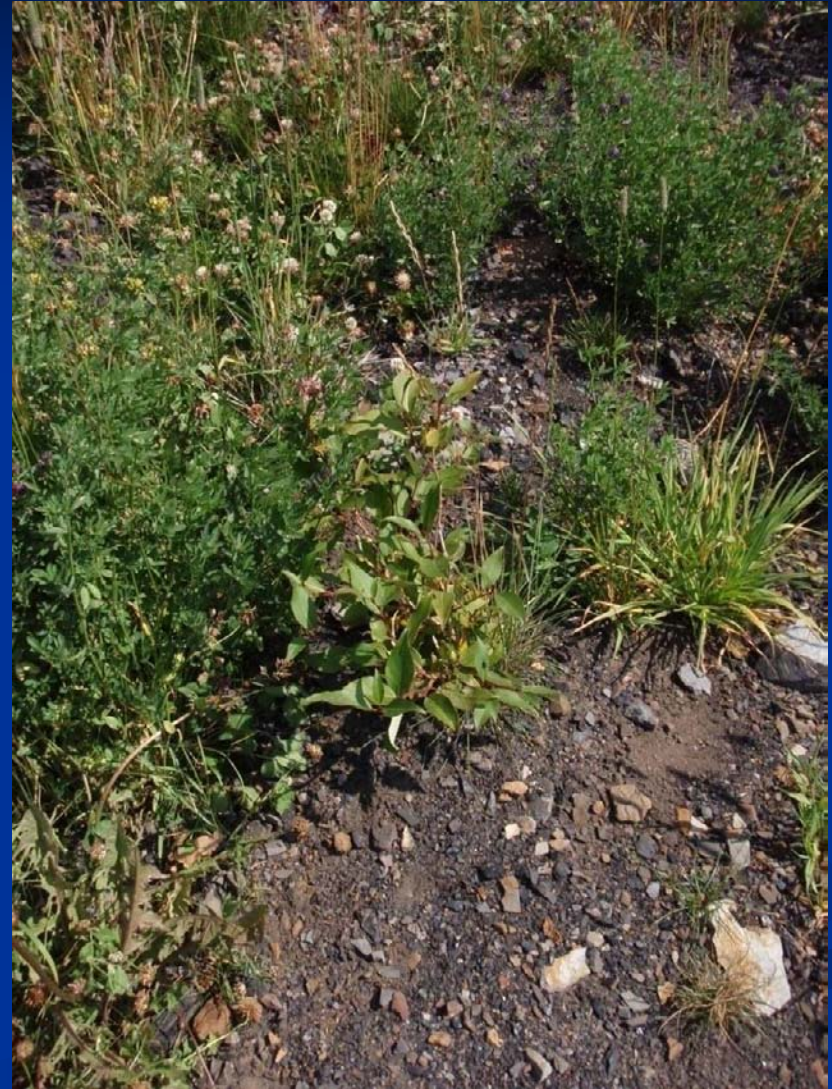


## Live Cottonwood Staking Trials





# Coal Mountain Operations



Reclamation Using Native Species



# Coal Mountain Operations

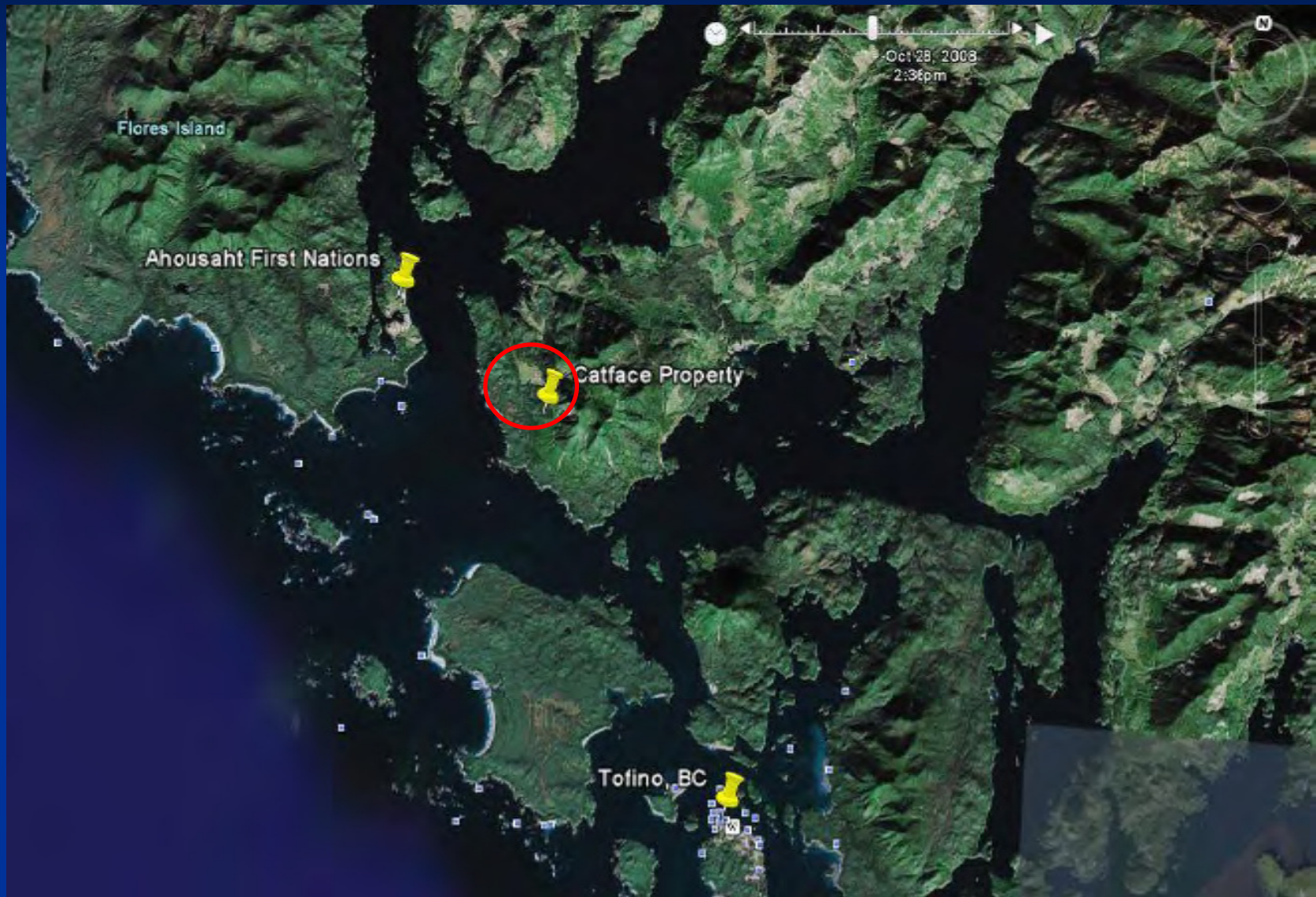


# 2008 Mineral Exploration Citation

Selkirk Metals Corp.  
for Catface Property



# Catface





# Catface



Barge and Helicopter  
Access to Minimize  
Disturbance





# Catface



Camp Located on Old  
Road to Minimize  
Disturbance



# Catface



Camp Site Reclamation



# Catface



Drill Pad Construction

# Catface

Drill Site  
Clean-up



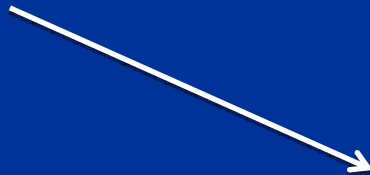


# Catface

Before Reclamation



After Reclamation



# **2007 B.C. Jake McDonald Mine Reclamation Award**

**Inmet Mining Corporation  
for Samatosum Mine**



# Samatosum



Reclaimed Tailings Impoundment