

2010 Mine Reclamation Awards

Presented by
The British Columbia Technical and
Research Committee on Reclamation



35th Annual Awards Presentation
November 30, 2011 – Vancouver, BC



2009 B.C. JAKE MCDONALD MINE RECLAMATION AWARD

Keeper Trophy Presentation



Sechelt Pit



Wetland establishment





Sechelt Pit



2004

Poplar plantation



2009



2009 B.C. JAKE MCDONALD MINE RECLAMATION AWARD

Lehigh Materials
for
Sechelt Mine

2010 ANNUAL RECLAMATION AWARDS



2010 SAND AND GRAVEL AWARD



2010 SAND AND GRAVEL AWARD

Lafarge Canada for
Abbotsford Gravel Sales



Abbotsford Gravel Sales



Depleted gravel pit (2007)

Abbotsford Gravel Sales



Clean construction fill backfilling (early stages)

Abbotsford Gravel Sales



Clean backfilling progress (2009)

Abbotsford Gravel Sales



Aerial view of completed surface preparation (2010)

Abbotsford Gravel Sales

Final reclamation back to agricultural use (2011)



2010 SAND AND GRAVEL AWARD

Lafarge Canada for
Abbotsford Gravel Sales



2010 METAL MINING AWARD



2010 METAL MINING AWARD

Thompson Creek Mining Ltd.
for Endako Mine

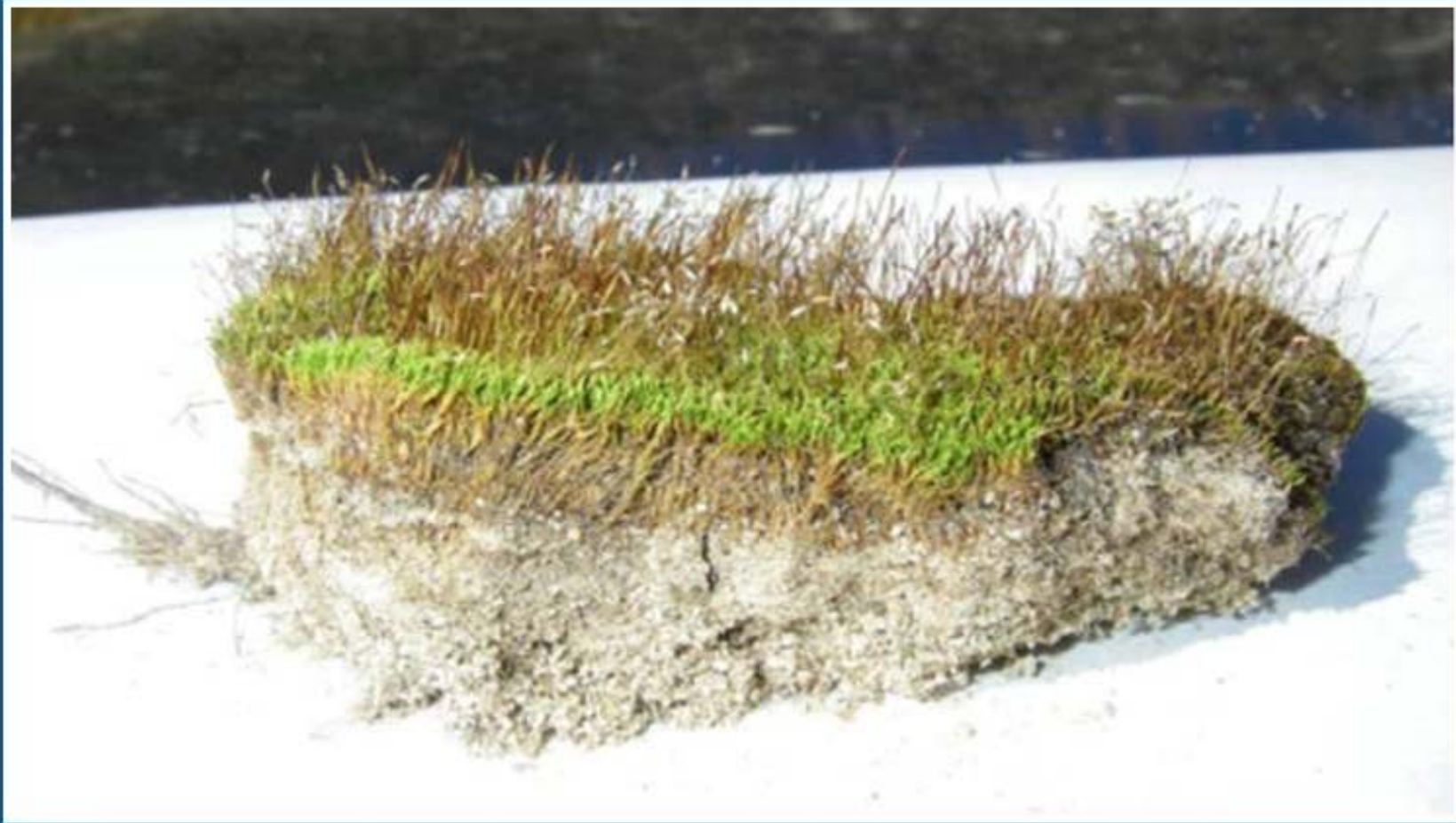


Endako Mine



Tailings dam embankments of coarse tailings sand

Endako Mine



Tailings sand moss layer profile

Endako Mine



Successful reproduction of trees (north dam, tailings pond 1)

Endako Mine



Ground cover establishment
and
invasion of natural species



Endako Mine



**Reclamation trial using soil
salvage and direct placement**

**Natural regeneration from
soil direct placement**



Endako Mine



**Directly placed salvaged soil
(with woody debris)**

**Spreading of soil at tailings
pond 2**



Endako Mine

Prickly Rose



Red Raspberry



Creamy Pea Vine



**Natural regeneration 1 year
after soil salvage and direct
placement**

Endako Mine



2010 METAL MINING AWARD

Thompson Creek Mining Ltd.
for Endako Mine



2010 JAKE MCDONALD ANNUAL RECLAMATION AWARD



2010 JAKE MCDONALD ANNUAL RECLAMATION AWARD

Northgate Minerals Corporation
for Kemess South Mine



Kemess South Mine



Kemess willow at Woodmere Nursery

Growth trial plots (2010)



Kemess South Mine



Final dam surface, August 2009

Kemess South Mine



**Peat and barley filled burlap armouring
on dam face (August 2011)**



Kemess South Mine



Hydroseeding in progress on dam face (August 2011)

Kemess South Mine



Kemess South Mine



Borrow 10: before (left) and after (right contouring); Live pole drain at Borrow 10 (center)

Kemess South Mine



Waste rock dump following surface preparations and planting

Kemess South Mine



Waste dump resloping, surface preparations showing lodgepole pine and arctic lupine

Kemess South Mine



Local First Nations representatives broadcast seeding the waste rock dumps

Kemess South Mine



PAG material stockpile adjacent to pit (left), PAG removed to pit and pad reclaimed (right)

Kemess South Mine



**Mill Creek Access Road Reclamation (work completed 2005,
photo taken 2009**

2010 JAKE MCDONALD ANNUAL RECLAMATION AWARD

Northgate Minerals Corporation
for Kemess South Mine

