

Reclamation - A Planned Event



Fort Knox Mine
Fairbanks Gold Mining, Inc.

KINROSS

Fort Knox
Kettle River
Bul
a Coipa Par

RECLAMATION – A PLANNED EVENT

Fort Knox Mine

Large Open Pit Gold Mine

Processes Ore

- Milling
- Heap leach



KINROSS

RECLAMATION – A PLANNED EVENT

Fort Knox Mine

533 Employees

347,729 Gold Equivalent Ounces In 2010

April 2011 Poured Five Millionth Ounce



KINROSS

RECLAMATION – A PLANNED EVENT

Mining

Truck Shovel Operation

2010 Mined 21.8 Million Tons

2010 Moved 42.6 Million Tons



KINROSS

RECLAMATION – A PLANNED EVENT

Mill Processed 14.6 Million Tons
in 2010



KINROSS

RECLAMATION – A PLANNED EVENT

Heap Leach

- Valley Fill
- Designed for 161 Million Tons
- First production 2009



KINROSS

RECLAMATION – A PLANNED EVENT

Ore & Waste Rock

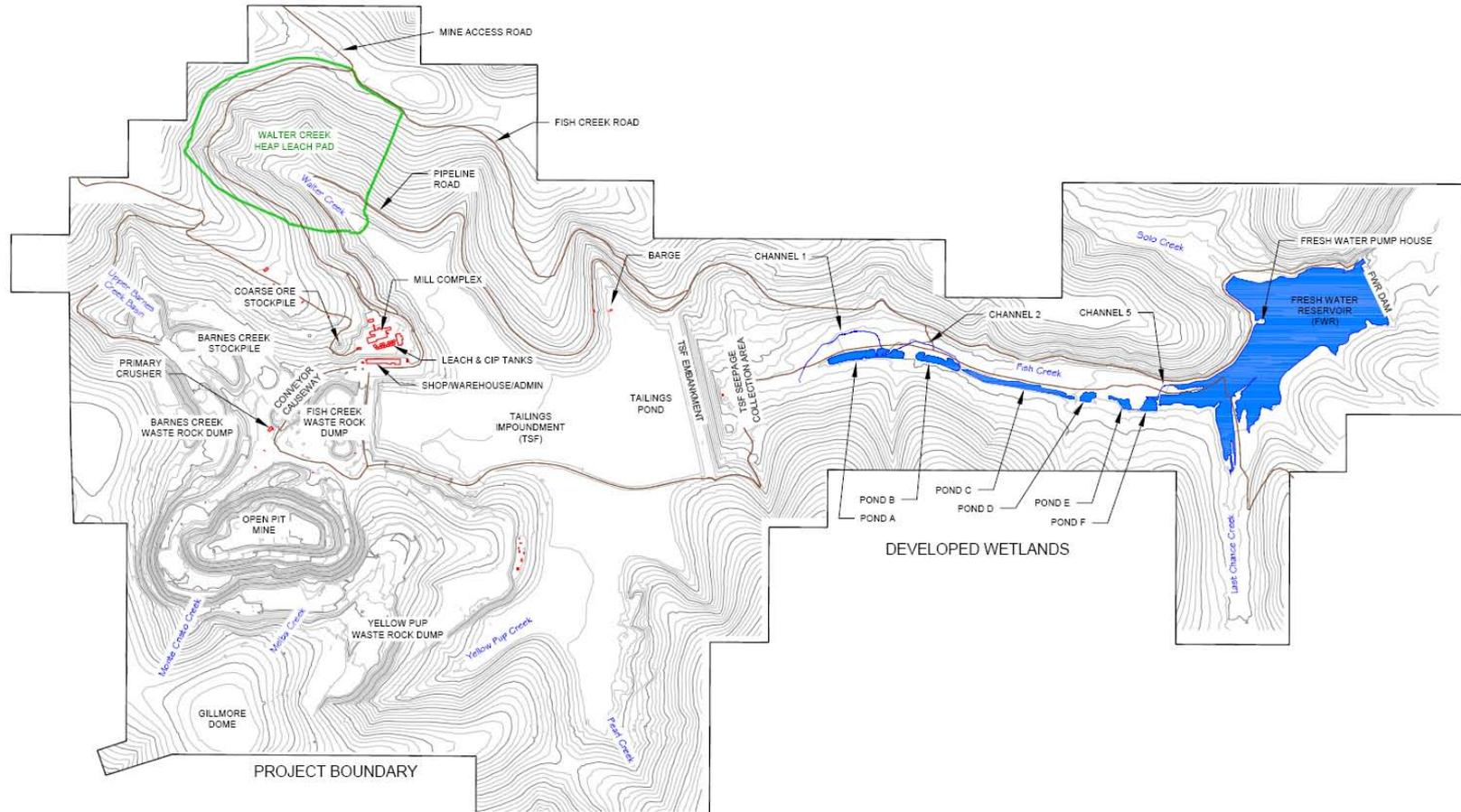
- Granite overlain by schist
- Low Acid Generation Potential



KINROSS

RECLAMATION – A PLANNED EVENT

Mine Layout



KINROSS

RECLAMATION – A PLANNED EVENT

Major Reclamation Items

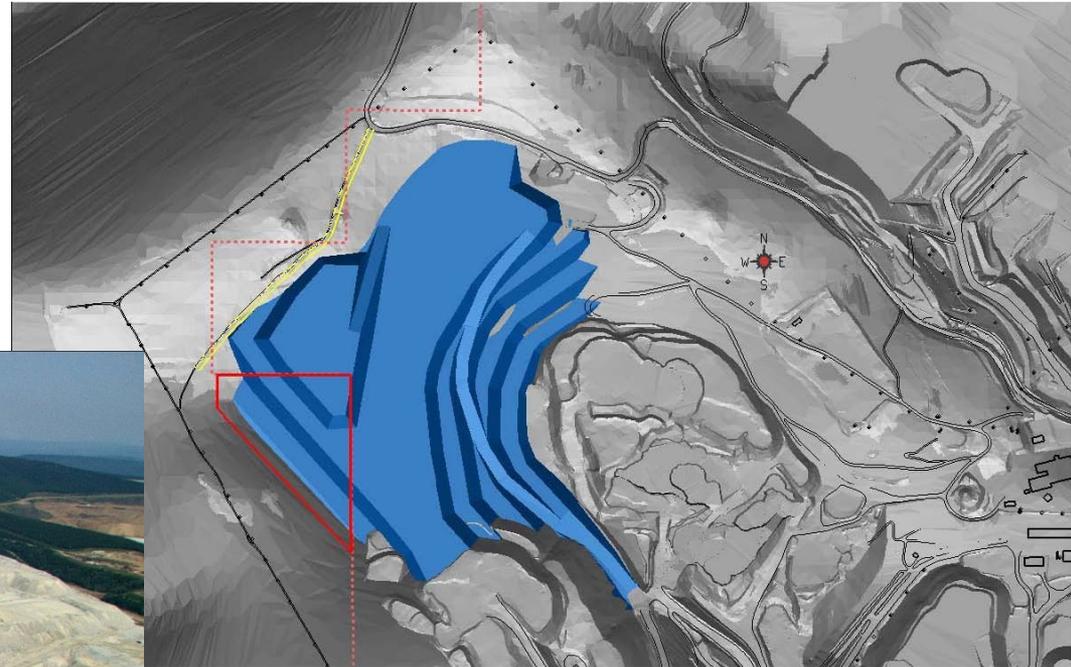
- Waste Rock
- Pit
- Tailing Storage Facility
- Heap Leach Facility



KINROSS

RECLAMATION – A PLANNED EVENT

Waste Rock Dumps
Planning Reduces Cost

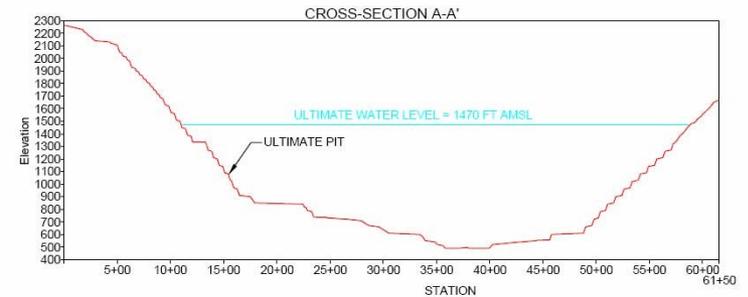
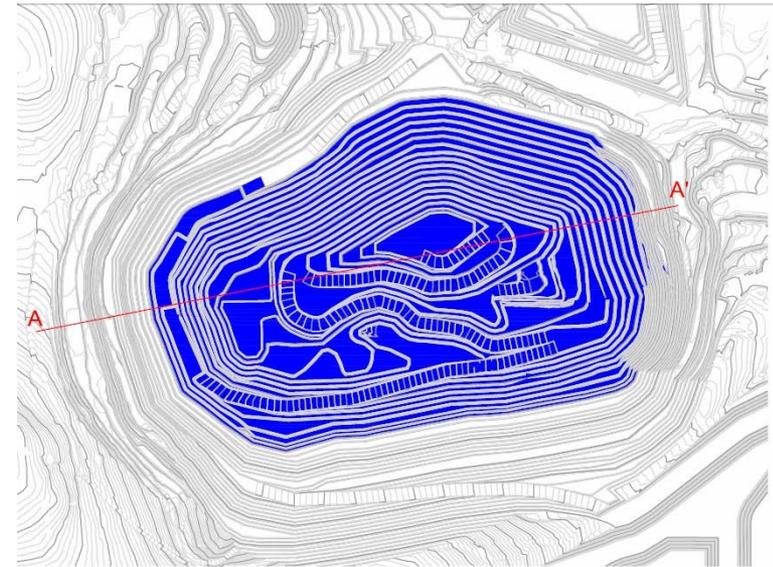


KINROSS

RECLAMATION – A PLANNED EVENT

Pit Closure

- Treatment Works
- Tailings Decant Water
- Heap Leach Rinse Water
- Ferrous sulfate treatment



KINROSS

RECLAMATION – A PLANNED EVENT

Predicted Pit Lake Quality At Full Recovery		
Parameter	Water Quality Standard (mg/L)	Predicted Pit lake Concentration (mg/L)
Ammonia as N	2.43	0.3
Total Arsenic	0.01	0.008
Total Antimony	0.006	0.003
Total Cyanide	0.0052	< 0.0001
Sulfate	250	41
Total Iron	0.3	0.07
Total Cadmium	0.0003	0.0002
Total Copper	0.009	0.002
Total Selenium	0.005	0.0008

RECLAMATION – A PLANNED EVENT

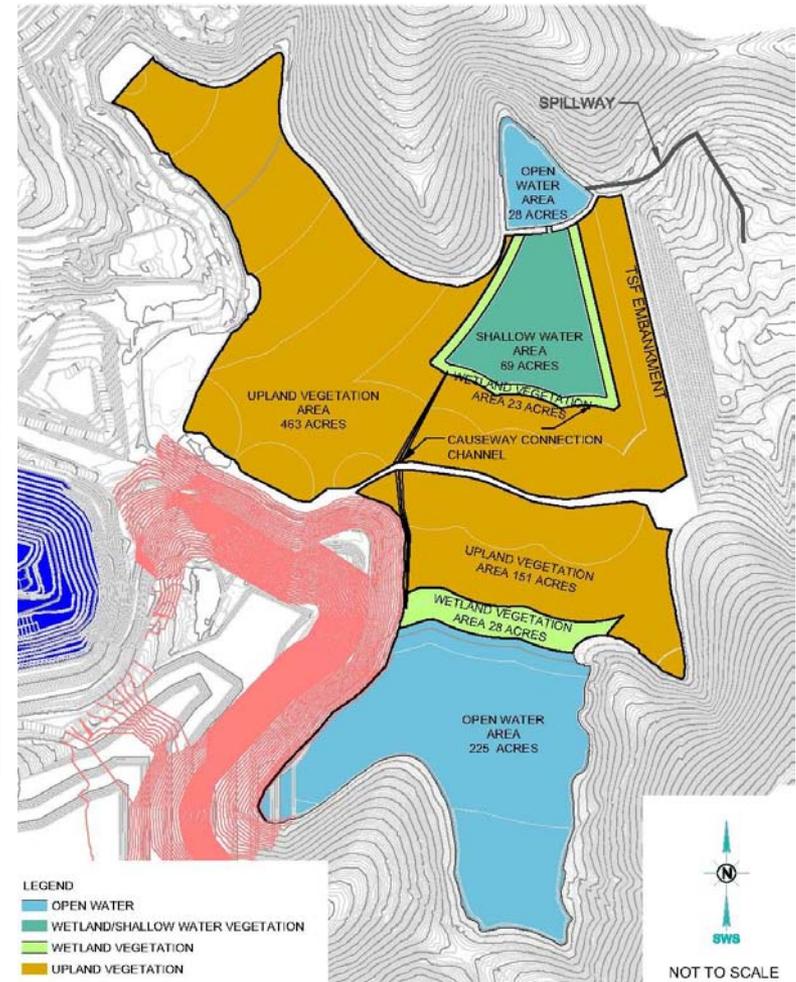
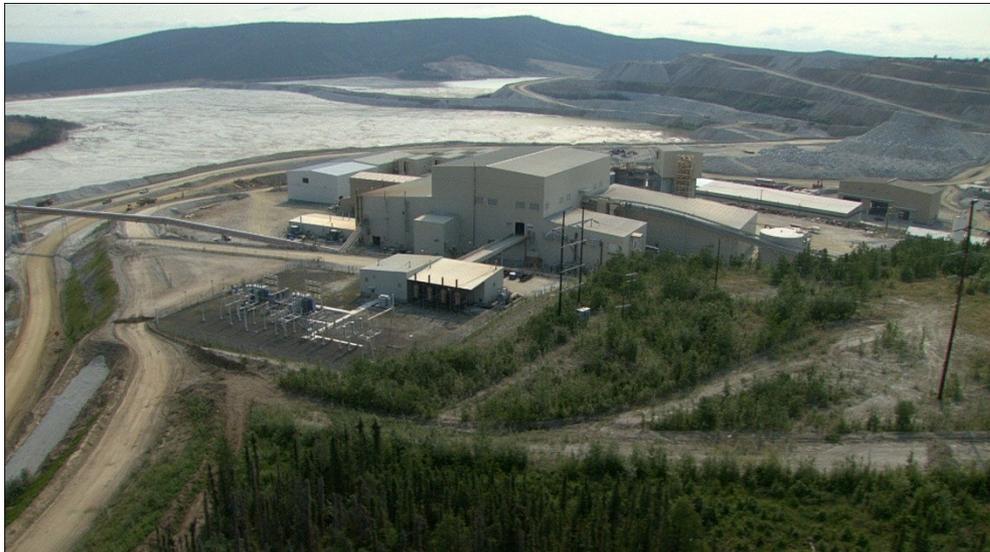
Tailing Storage Facility

- Water Management
- Deposition Plan
- Water Quality
- Growth Media



RECLAMATION – A PLANNED EVENT

Tailing Storage Facility (TSF)



KINROSS

RECLAMATION – A PLANNED EVENT

Heap Leach Facility

- Rinse time
- Rinse Water to pit
- Perforate liner



KINROSS

RECLAMATION – A PLANNED EVENT



- Fish Creek Reclamation
 - Wetlands
 - Fishery



RECLAMATION – A PLANNED EVENT



KINROSS