

RECLAMATION – A PLANNED EVENT

Fort Knox Mine

Large Open Pit Gold Mine

Processes Ore

- Milling
- Heap leach



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Fort Knox Mine

533 Employees

347,729 Gold Equivalent Ounces In 2010

April 2011 Poured Five Millionth Ounce



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Mining

Truck Shovel Operation

2010 Mined 21.8 Million Tons

2010 Moved 42.6 Million Tons



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Mill Processed 14.6 Million Tons
in 2010



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Heap Leach

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



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Ore & Waste Rock

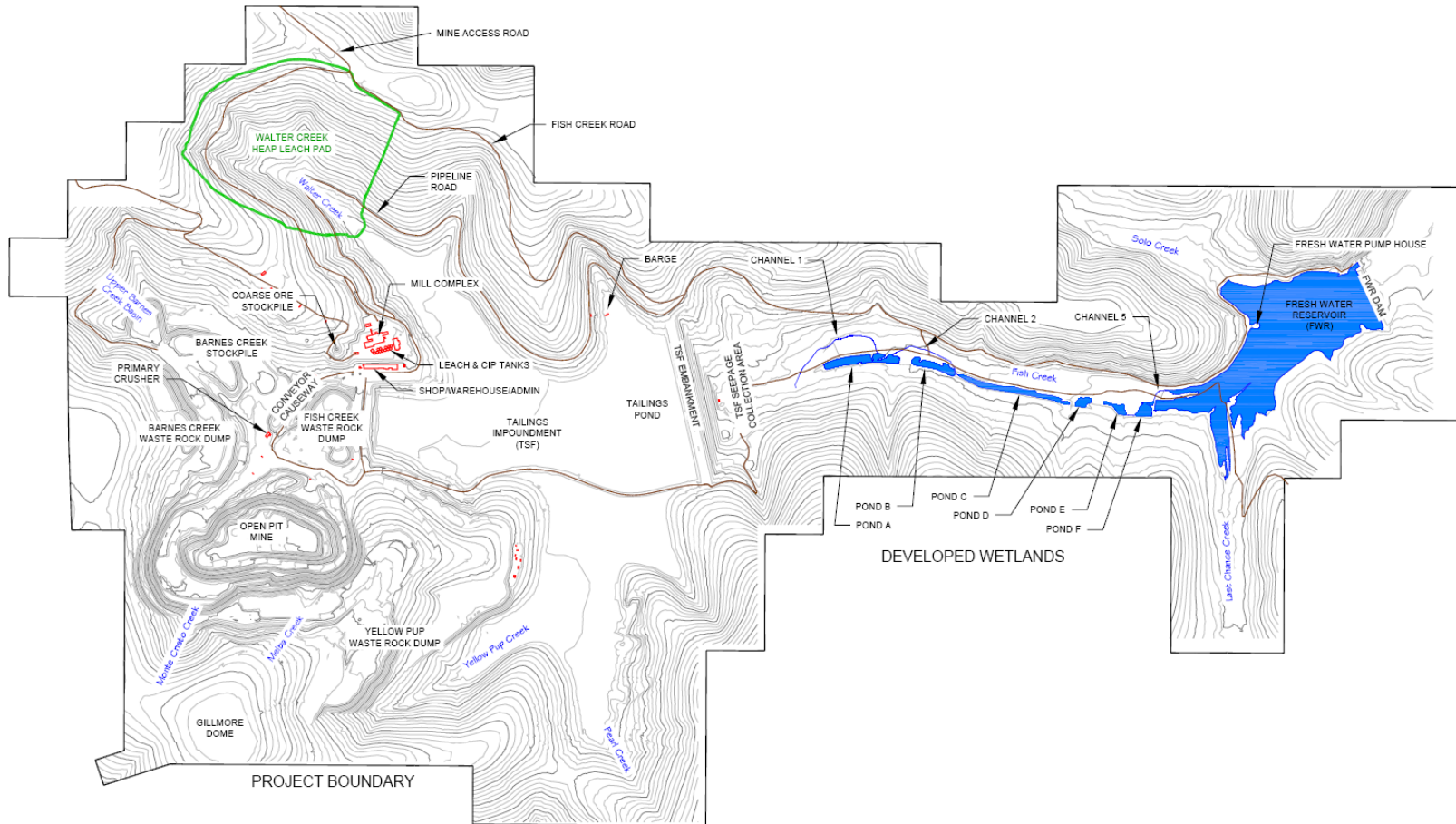
- Granite overlain by schist
- Low Acid Generation Potential



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Mine Layout



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Major Reclamation Items

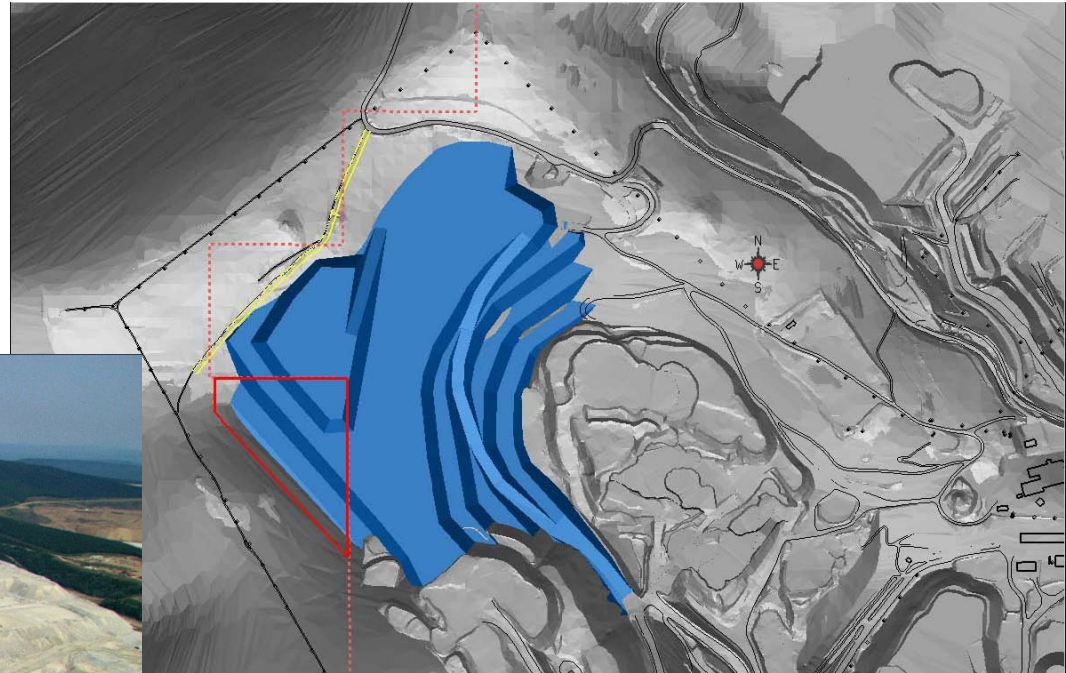
- Waste Rock
- Pit
- Tailing Storage Facility
- Heap Leach Facility



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Waste Rock Dumps
Planning Reduces Cost

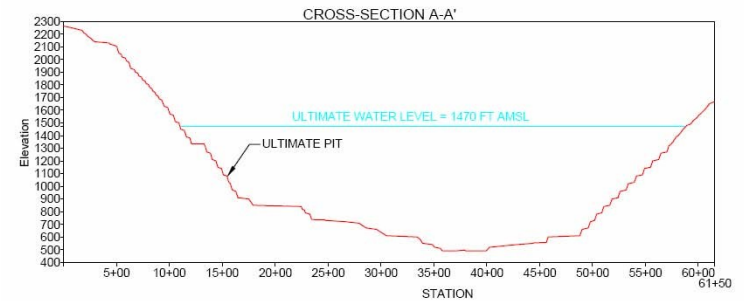
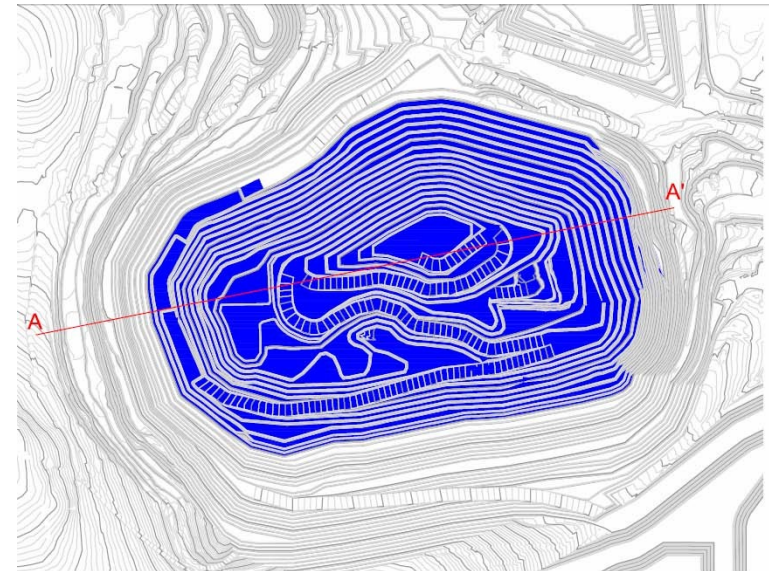


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Pit Closure

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



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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

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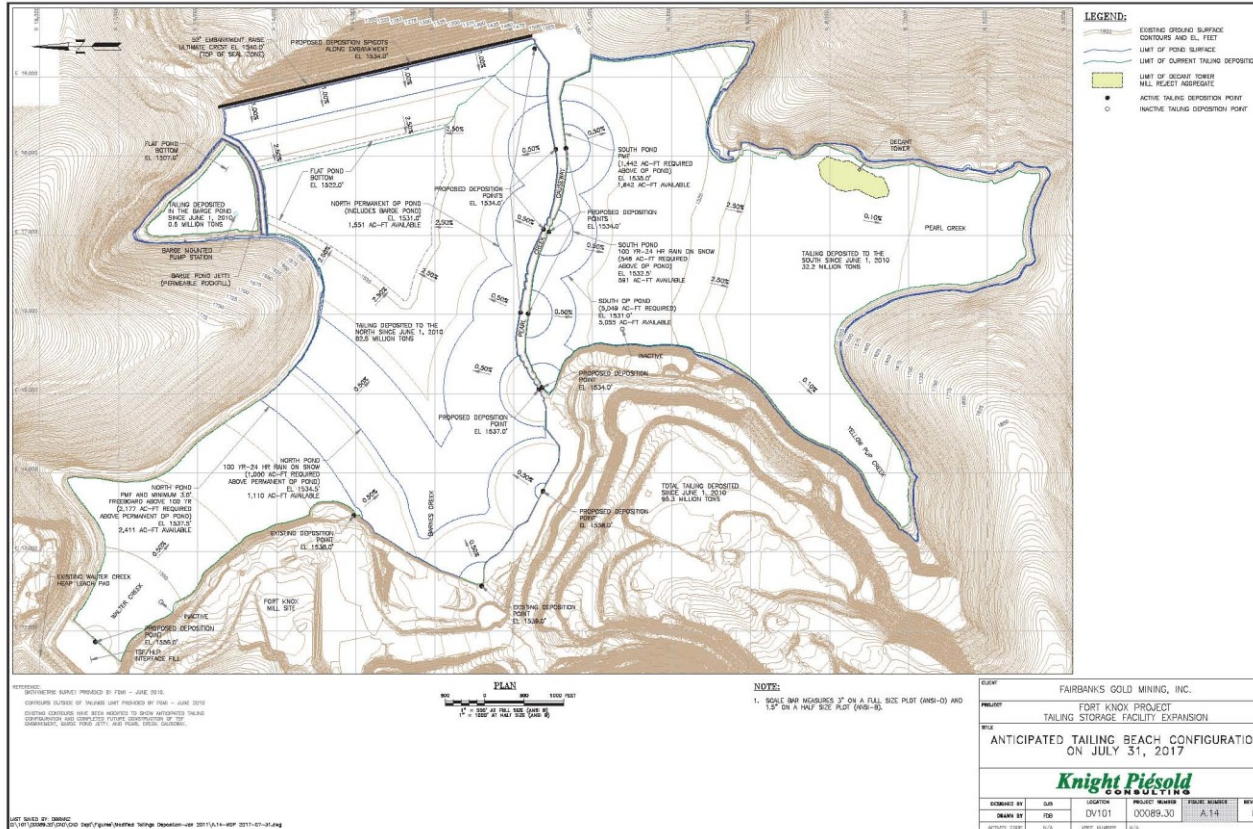
Tailing Storage Facility

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



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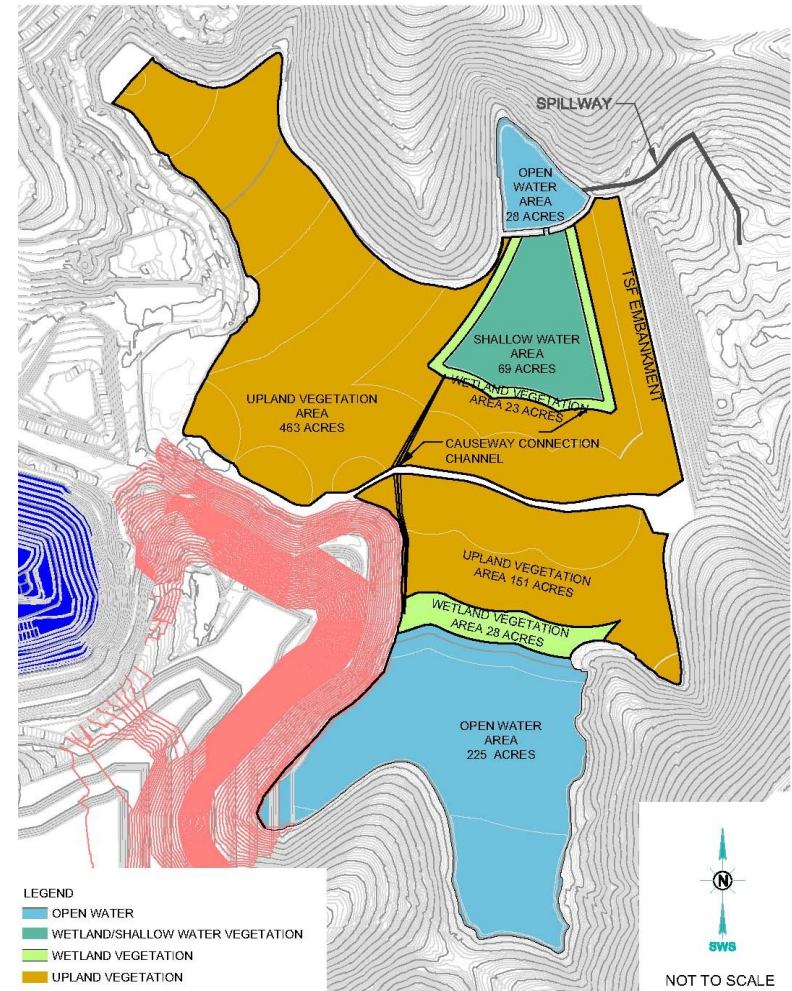
Tailings Deposition



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Tailing Storage Facility (TSF)



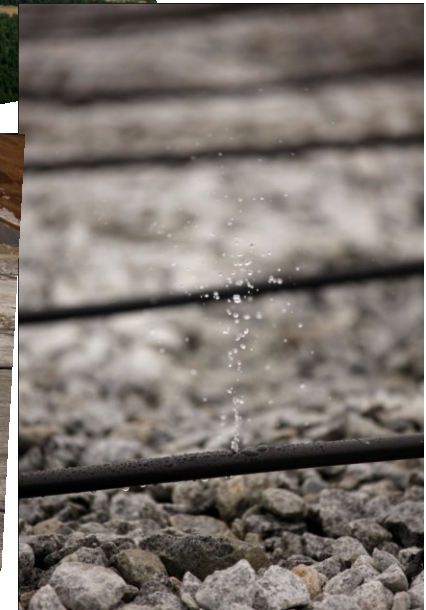
- LEGEND
- OPEN WATER
 - WETLAND/SHALLOW WATER VEGETATION
 - WETLAND VEGETATION
 - UPLAND VEGETATION

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Heap Leach Facility

- Rinse time
- Rinse Water to pit
- Perforate liner



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- Fish Creek Reclamation
 - Wetlands
 - Fishery



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