

# Appendix 4-H

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Project Overview Presentation -  
Stoney Nakoda First Nation –  
February 2020

# Crown Mountain Coking Coal Project

Project Overview

February 20, 2020



## Presentation Format

1. Proponent Overview
2. Project Overview
3. Regulatory Overview
4. Selenium Management
5. Baseline Programs
6. Terrestrial Baseline Programs
7. Aquatic Baseline Programs
8. Questions / Discussion



## Proponent Overview

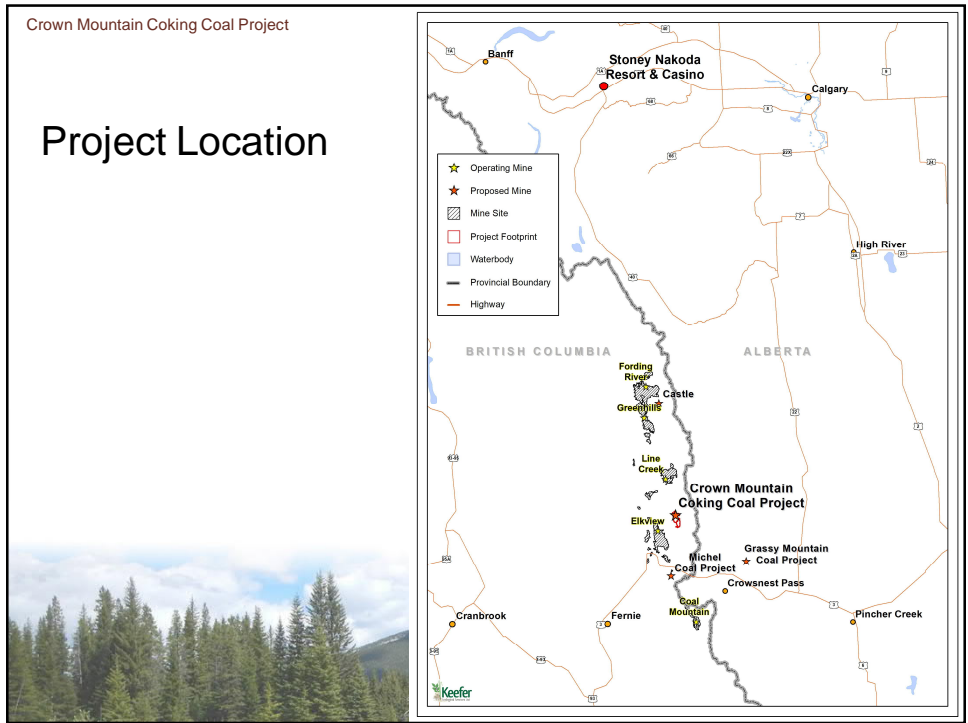
- NWP Coal Canada Ltd. (NWP) is the proponent for the Crown Mountain Coking Coal Project (the Project) located in the Elk Valley of BC
- NWP is owned by Jameson Resources Limited (80%) and Bathurst Resources Canada Limited (20%)
- Jameson Resources is a publicly listed company on the Australian Stock Exchange (ASX)
- Bathurst Resources is a publicly listed company on the ASX and is the largest coal mining company in New Zealand producing 3 million tonnes per year
- Exploration programs for the Crown Mountain Coking Coal were completed in 2012, 2013, and 2018



## Project Overview

- Proposed open pit metallurgical coal mine in the Elk Valley
- 10 tenured coal exploration licenses (approx 5,630 ha)
- Footprint approximately 900 ha
- Other nearby mines in Elk Valley include Teck's Elkview (8 km southwest) and Line Creek mines (12 km north)
- After all permits received, anticipated production capacity of 3.7 million run-of-mine tonnes (M ROMt) per annum for 15 years (not including site decommissioning)
- Construction estimated to be 1.5 years



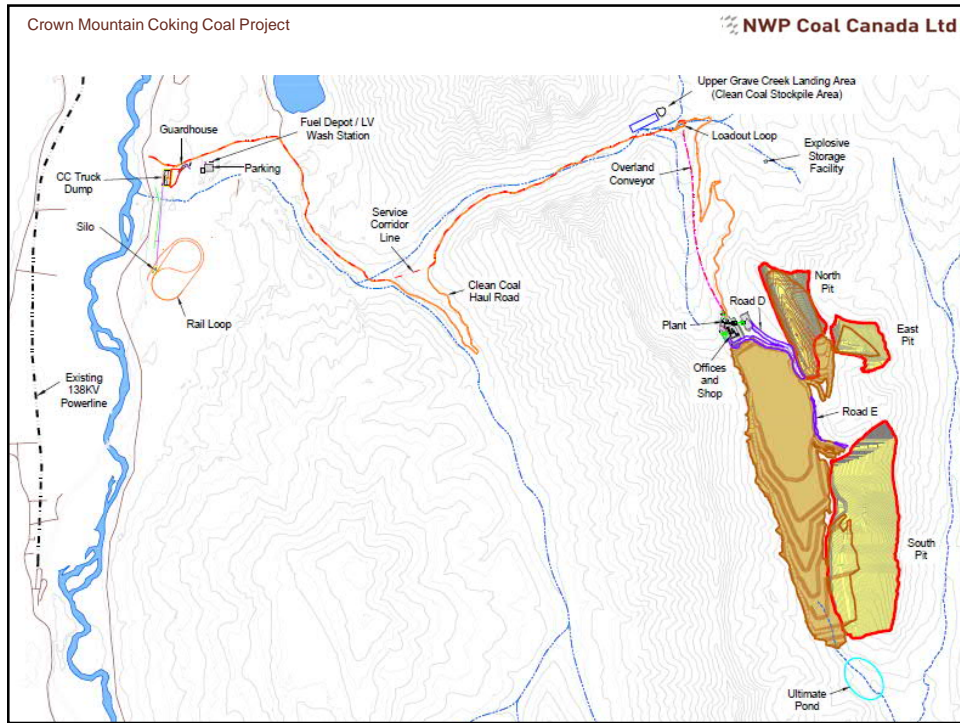


Crown Mountain Coking Coal Project

NWP Coal Canada Ltd

## Project Overview

- Key project components include:
  - Surface extraction areas (three pits - north pit, east pit, and south pit)
  - Mine rock management areas
  - Plant area (includes raw coal stockpile, processing plant, site support facilities)
  - Clean coal transportation route (overland conveyor and haul road)
  - Rail load out facility and rail siding
  - Power and natural gas supply
  - Explosives and fuel storage
  - Sewage treatment
  - Water supply



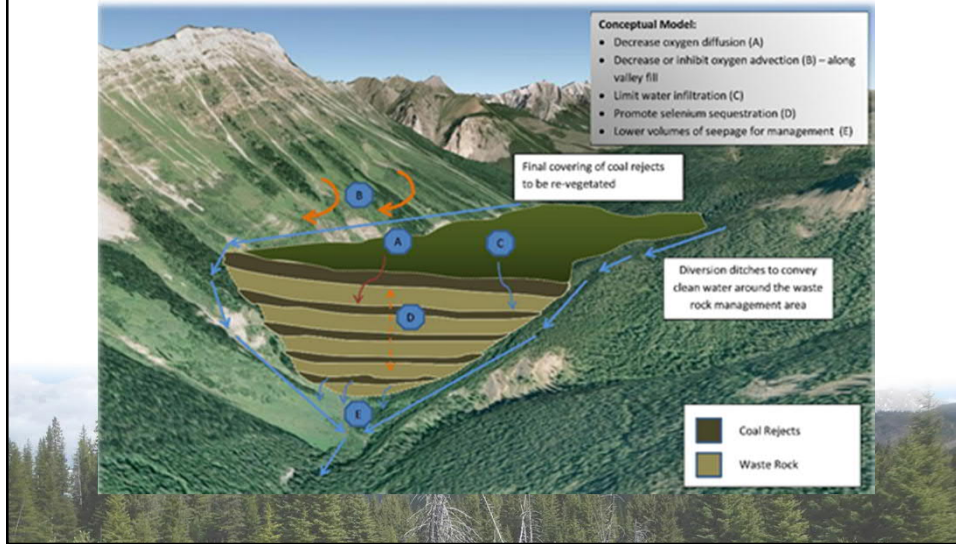
Crown Mountain Coking Coal Project NWP Coal Canada Ltd

## Federal and Provincial Regulatory Overview

- Reviewable under both federal (CEAA 2012) and provincial (EAA 2002) legislation
- Currently in Pre-Application phase:
  - Project Description, accepted October 2014
  - Federal EIS Guidelines, issued February 2015
  - Provincial Valued Components for Environmental Assessment, completed April 2016
  - Provincial Application Information Requirements, approved April 2018

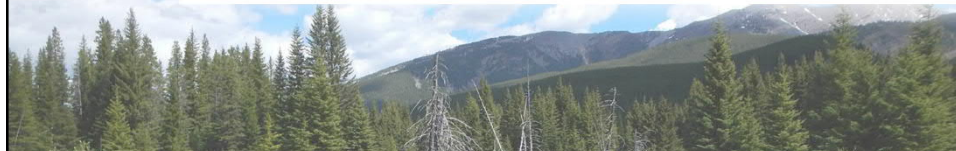
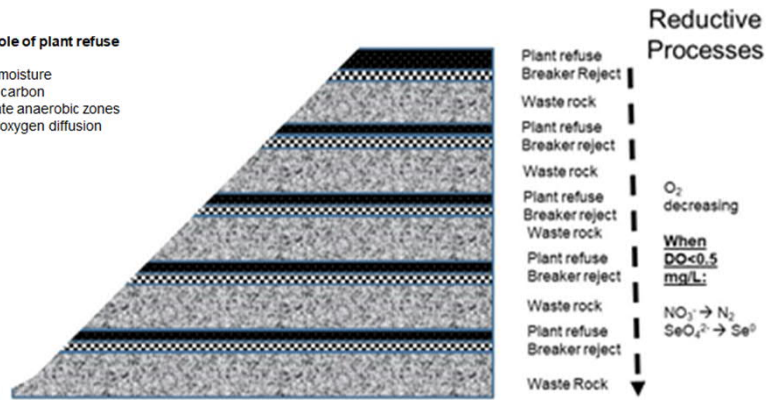
# Selenium Management

## Waste Rock Management: Layered Approach



# Selenium Management

- Expected role of plant refuse layers:**
- Retain moisture
  - Supply carbon
  - Generate anaerobic zones
  - Retard oxygen diffusion



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## Baseline Programs


- Baseline programs initiated in 2012
- Completed baseline programs include:
  - Archeology Assessment
  - Aquatic health
  - Fish and fish habitat
  - Vegetation baseline
  - Terrestrial Ecosystem Mapping
  - Wetland ecosystem assessment
  - Wildlife (furbearers, ungulates, birds, bats, amphibians)
  - Hydrology
  - Meteorology
  - Soil and terrain mapping, and chemistry
  - Noise
  - Air quality (dust fall)

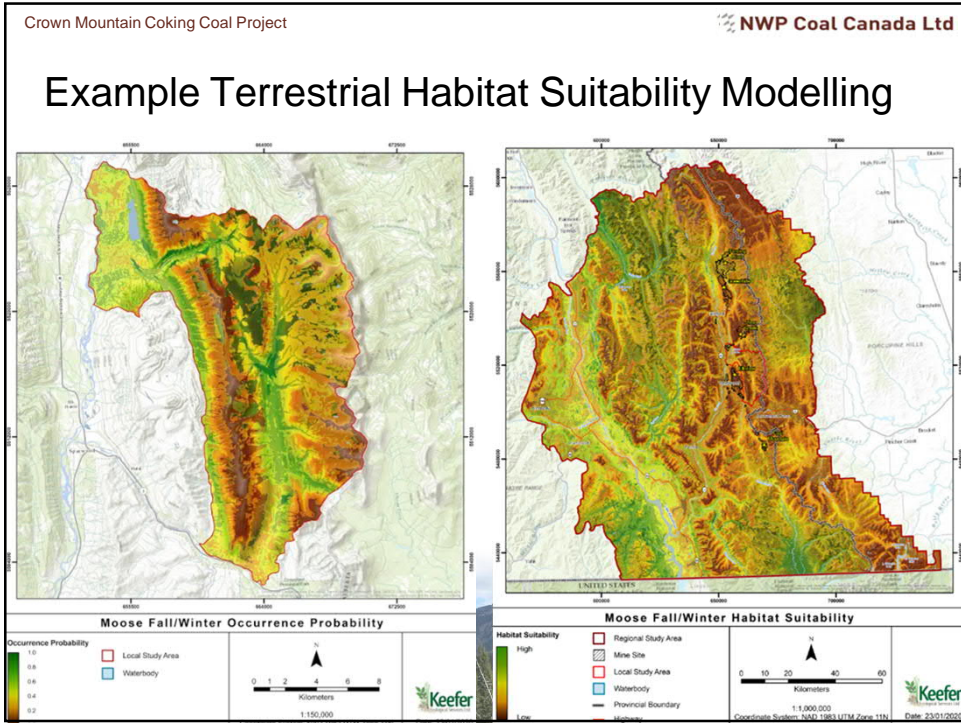


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## Baseline Programs

- Ongoing programs include:
  - Groundwater / hydrogeology
  - Surface water quality
  - Geochemistry
  - Human Health and Ecological Risk Assessment
  - Social, economic, and land use assessment
  - Terrestrial habitat suitability modelling





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# Questions and Discussion

Keefe