

AGENDA
COUNCIL COMMITTEE MEETING
MUNICIPAL DISTRICT OF PINCHER CREEK
April 13, 2021
via GoToMeeting
11:00am

1. Approval of Agenda
2. 11:00am to 12:00pm – Keith Bott, Community Relations Advisor with Riversdale Resources
3. Closed Session
4. Adjournment



RIVERSDALE
RESOURCES



Municipal Update
MD of Pincher Creek
April 13, 2021



Agenda

- Hearing Summary & Regulatory Timeline
- 1976 Coal Policy
- What's New?
 - Office
 - Employment Numbers
 - COVID-19 Response
- Water Quality

Hearing Summary

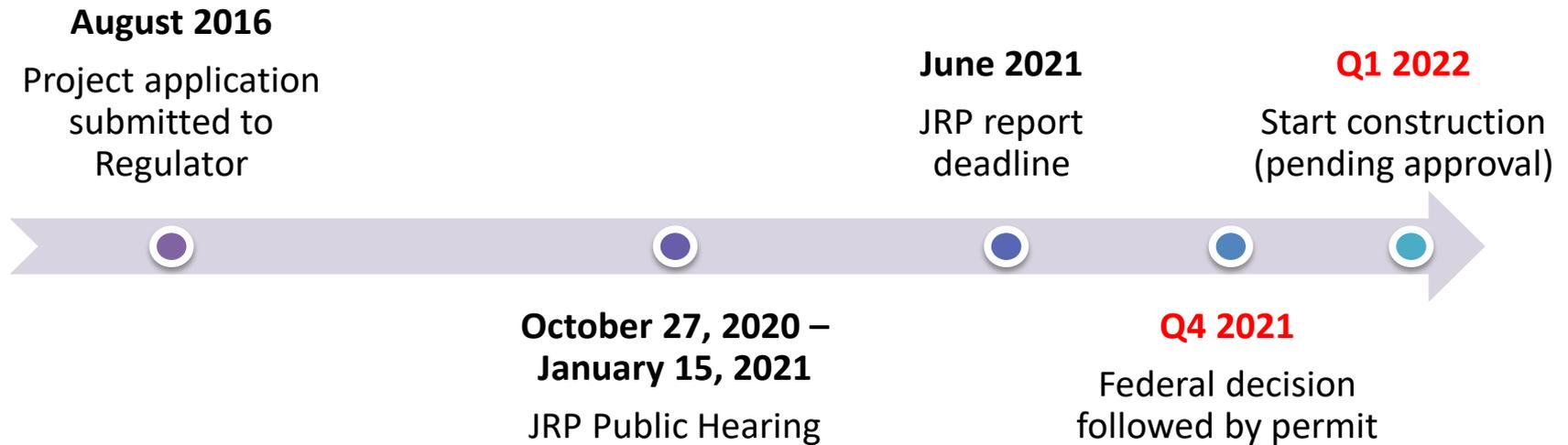
- **Public Hearing**

- Start – October 27
- End – December 2
- Total days: 29

- **Written Final Argument**

- Benga closing argument – December 15
- Participant closing arguments – January 8
- Benga response submission – January 15

Regulatory Timeline



1976 Coal Policy

- Grassy Mountain = **Category 4**
- Was Grassy Mountain impacted by the rescission of the Coal Policy?
 - **NO**
- Is Grassy Mountain impacted by the reinstatement of the Coal Policy?
 - **NO**

What's New?

New
Office Space
in Blairmore



Current Staffing Numbers

| Permanent Roles: <u>32.5</u> | | Project Staff: <u>14</u> |
|---|---|--|
| <p>CEO</p> <ul style="list-style-type: none"> • Head of Marketing <p>CFO</p> <ul style="list-style-type: none"> • Sr Mgr. Commercial • Contracts & Procurement Mgr. • Contracts Mgr. • Contracts Admin • Controller • Sr Accountant • Accountant • Sr Legal Counsel <p>Executive Vice President</p> <ul style="list-style-type: none"> • Admin Assistant <p>Interim Mgr. Tech Services</p> <ul style="list-style-type: none"> • Mining Engineer (X3) • Sr Geologist • Geologist II | <p>Sr Mgr. Maintenance</p> <ul style="list-style-type: none"> • Maintenance Project Engineer <p>Sr Mgr. Human Resources</p> <ul style="list-style-type: none"> • HR Admin <p>Interim Mgr. PR</p> <ul style="list-style-type: none"> • Sr Advisor Indigenous Relations • Piikani Nation Coordinator • Communications Coordinator • Community Advisor (0.5) <p>Sr Mgr. SH&E</p> <ul style="list-style-type: none"> • Sr Advisor Environment • Enviro Coordinator • Enviro Technician • Safety Advisor | <p>Project Director</p> <ul style="list-style-type: none"> • Project Engineer <p>Construction Mgr.</p> <ul style="list-style-type: none"> • Construction Coordinator • General Superintendent <p>Engineering Mgr.</p> <ul style="list-style-type: none"> • Project Engineer (X3) • Civil Engineering Lead <p>Project Controls Mgr.</p> <ul style="list-style-type: none"> • Sr Planner/Scheduler • Document Control Lead • Project Coordinator |

Our COVID-19 Response

- **June 30**
 - Provincial government reduces restrictions as case counts from "first wave" subside
- **August 3**
 - Riversdale SH&E meets with Ministry of Labour (OHS) to review pandemic response
 - Staff move into new Blairmore office
 - ~70% staff return to the office
- **October 22**
 - "Red Dot" initiative (designated seating) and mandatory masks in office
- **November 13**
 - Staff headcount reduced to 50% in Blairmore and Calgary offices
 - Using Noco fogger in all common areas
- **November 23**
 - Public Health State of Emergency
- **December 11**
 - Blairmore and Calgary offices closed
 - All staff working from home
- **April 2021**
 - Some staff back in the office



| | |
|--|--|
|  Keep two metres/six feet distance from others. |  Stay home when you are sick. |
|  Clean your hands often, using soap and water or an alcohol-based (70%) hand sanitizer. |  Clean and disinfect frequently touched objects and surfaces. |
|  Avoid touching your face with unwashed hands. |  A face mask or covering is strongly recommended if you are unable to maintain a two metres/six feet distance from. |
|  Cover your cough or sneeze into your elbow or a tissue. Throw the tissue in the garbage and wash your hands. |  Avoid non-essential trips in the community or outside communities. |

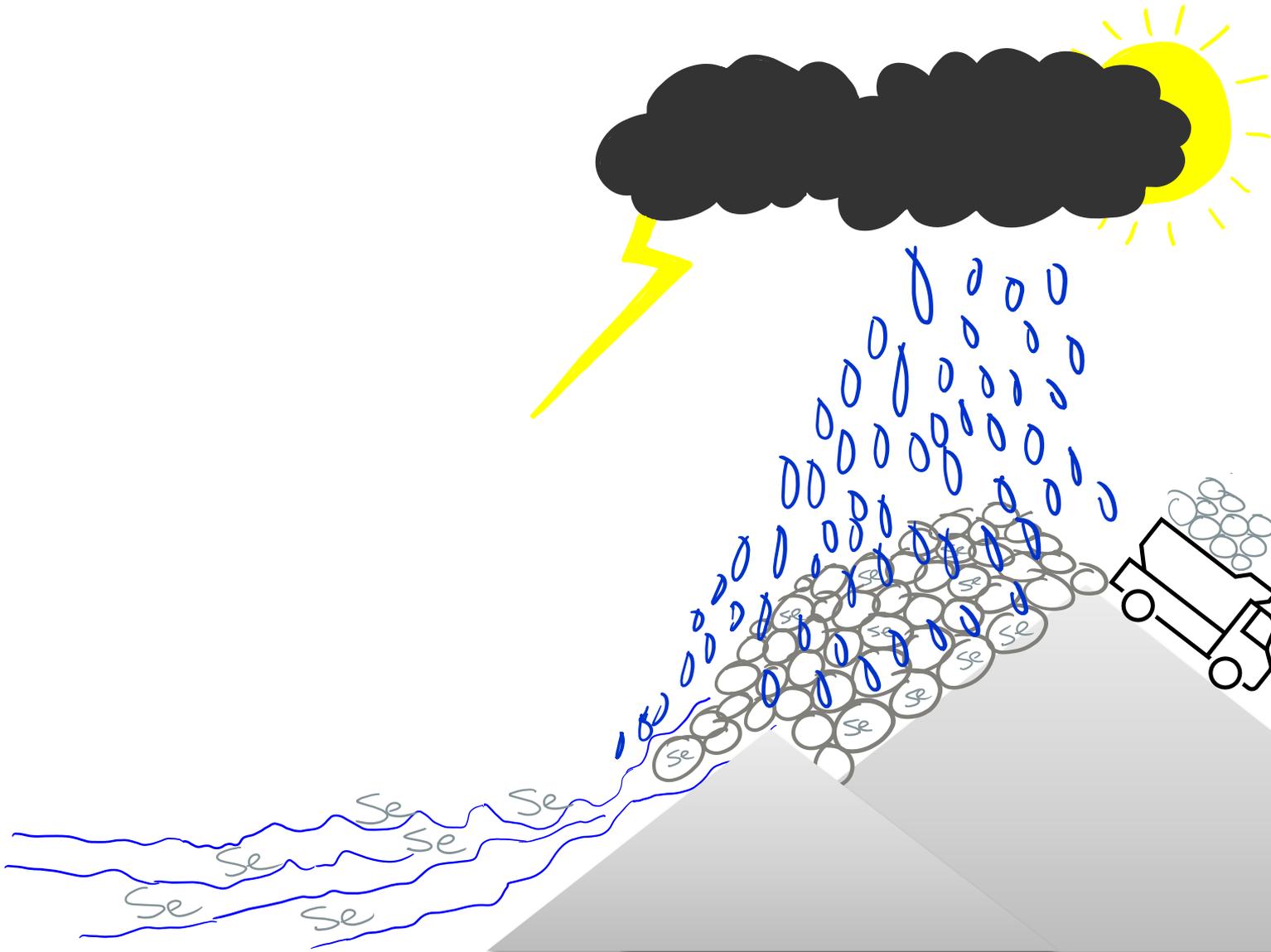


Water Quality

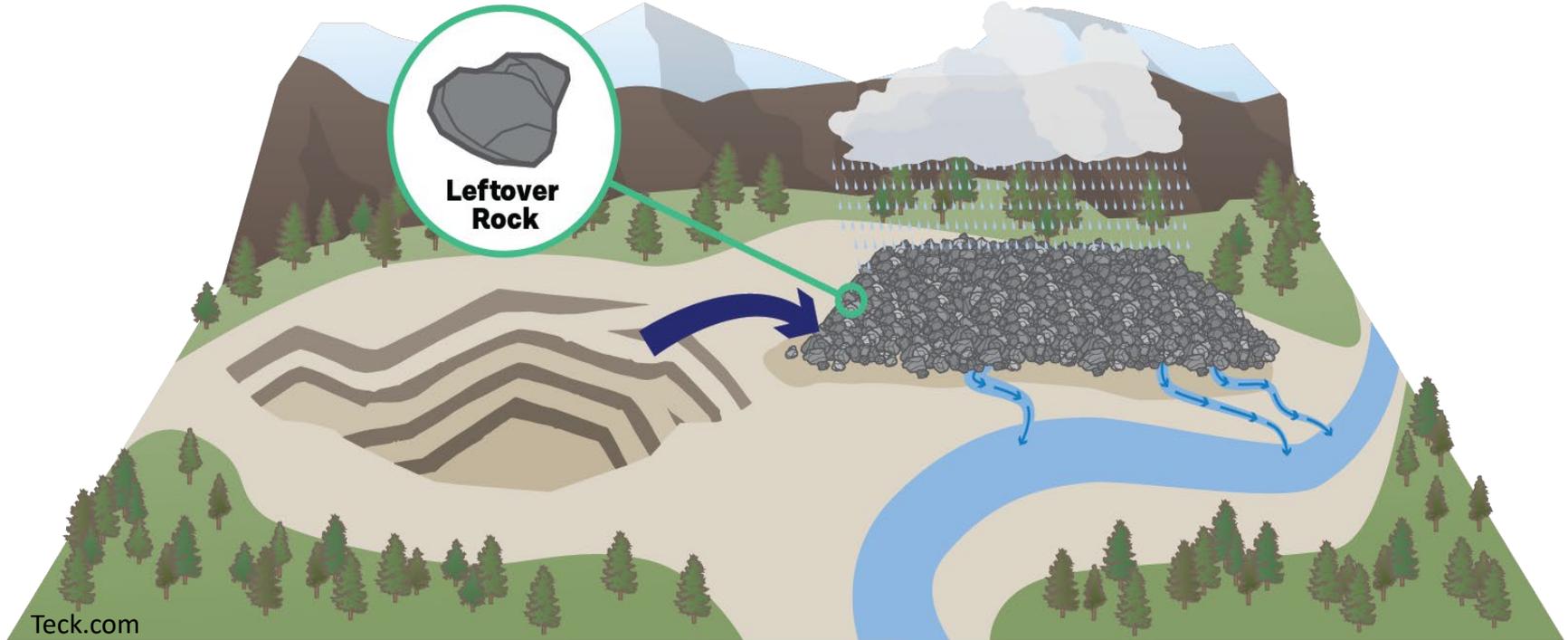


Blairmore Creek

Where does Selenium come from?



Understanding Historical Mining Practices



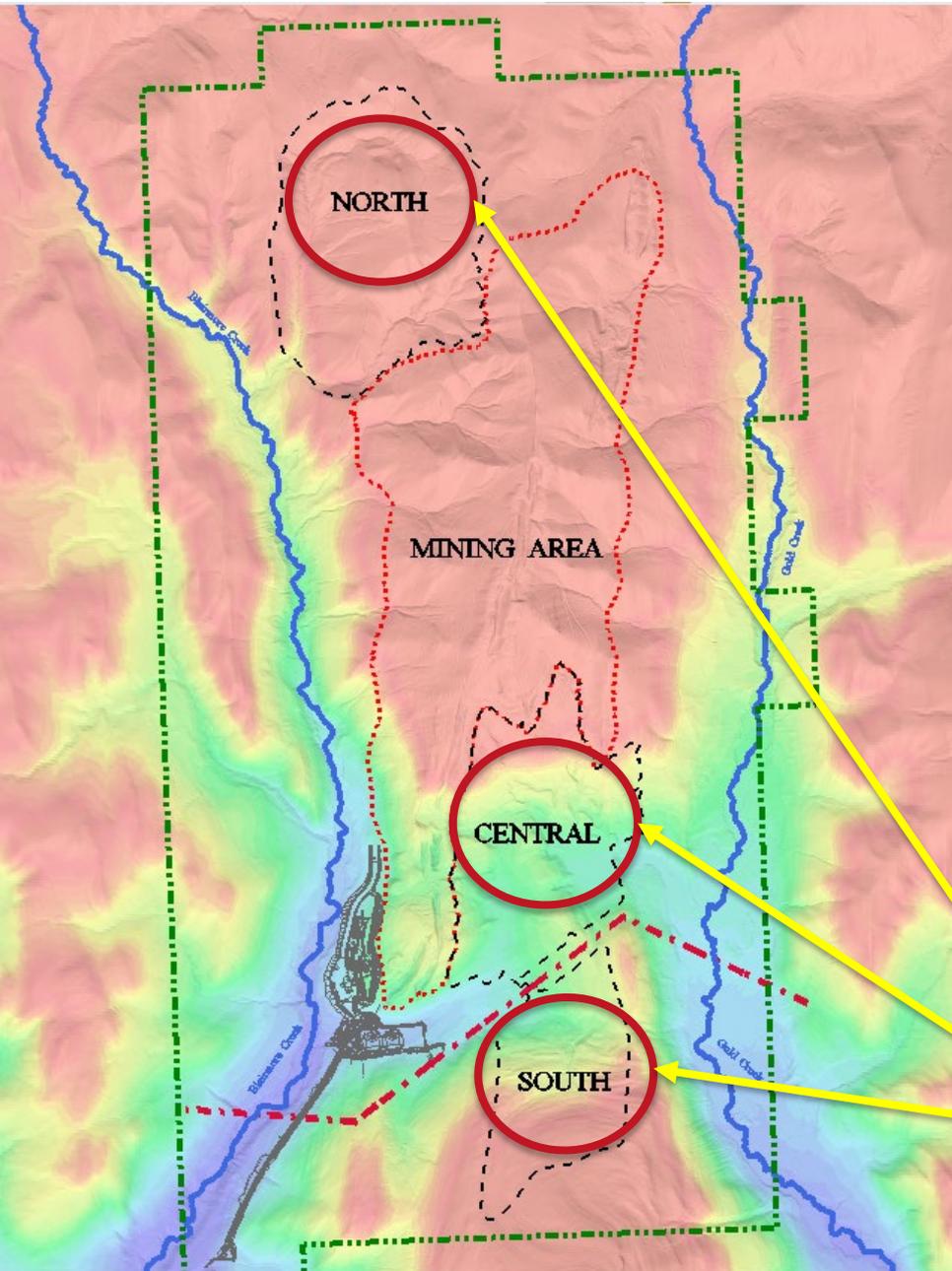
Historic issues due to lack of knowledge at the time:

- Waste rock placed in valleys close to waterways
- No water capture or treatment
- Mines not designed from the beginning with selenium in mind

What is Riversdale Doing Differently?

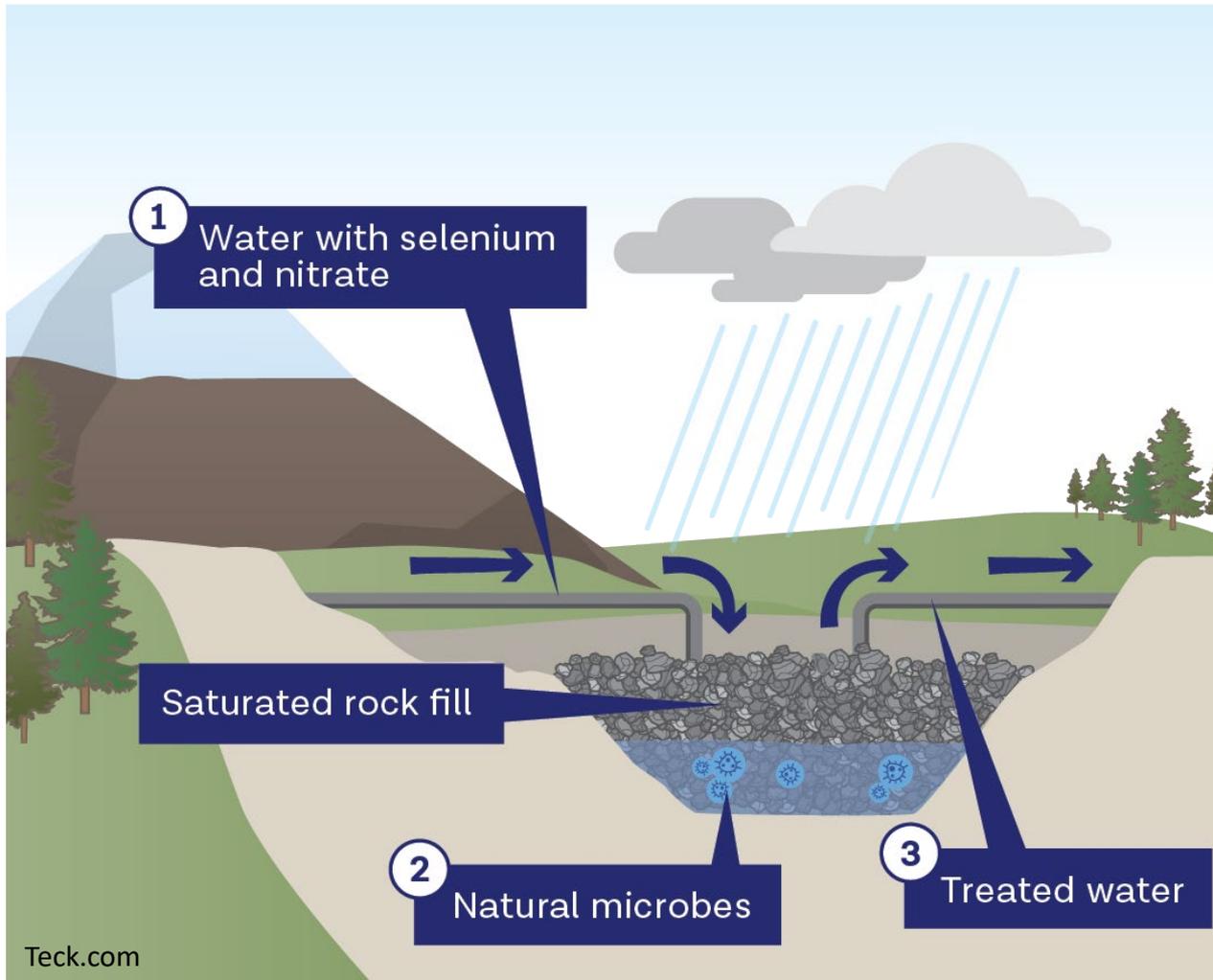
- This project is being specifically designed to safely and effectively manage selenium
- Rock is being placed in high, isolated areas, away from streams
- Contact water is being captured and treated using modern selenium treatment technology
- Water is being monitored and tested on-site and in adjacent water bodies

High ridges,
away from
creeks



Saturated Backfill Zone (SBZ)

How does it work?



- Teck's Elkview Saturated Rock Fill can treat up to **20 million litres** of water per day
- Grassy Mountain will treat **7.5 million litres** per day

Saturated Backfill Zone (SBZ)

Why choose this method?

Riversdale has chosen saturated backfill technology because SBZ's:

- **are quicker to build and less complex to operate**
- **have lower capital and operating costs**
- **treat larger volumes of water**
- **use less energy**
- **require smaller environmental footprints**

Water Quality Summary

As a modern mine, Grassy Mountain is proposing to manage selenium by:

- Storing ex-pit rock in high isolated areas away from streams
- Storing as much rock as possible in the pit submerged under water
- Using modern selenium treatment technology (Saturated Backfill Zone)
- Conducting baseline monitoring and ongoing monitoring of water on site and in the adjacent water bodies



Rigorous Regulatory Review

- The Grassy Mountain Project has been thoroughly reviewed by several regulatory agencies in an extensive five-year process
- Conditions and ongoing performance of the Project will be overseen by competent federal and provincial regulators
- Indigenous communities will also monitor the Project and provide feedback and recommendations all the way through to final reclamation



Questions?

Thank You



Benga Mining Limited Operating as Riversdale Resources

