

Background information on Mining



INTERNATIONAL
MINERALS INNOVATION
INSTITUTE

Saskatchewan 2024 Mining Stats



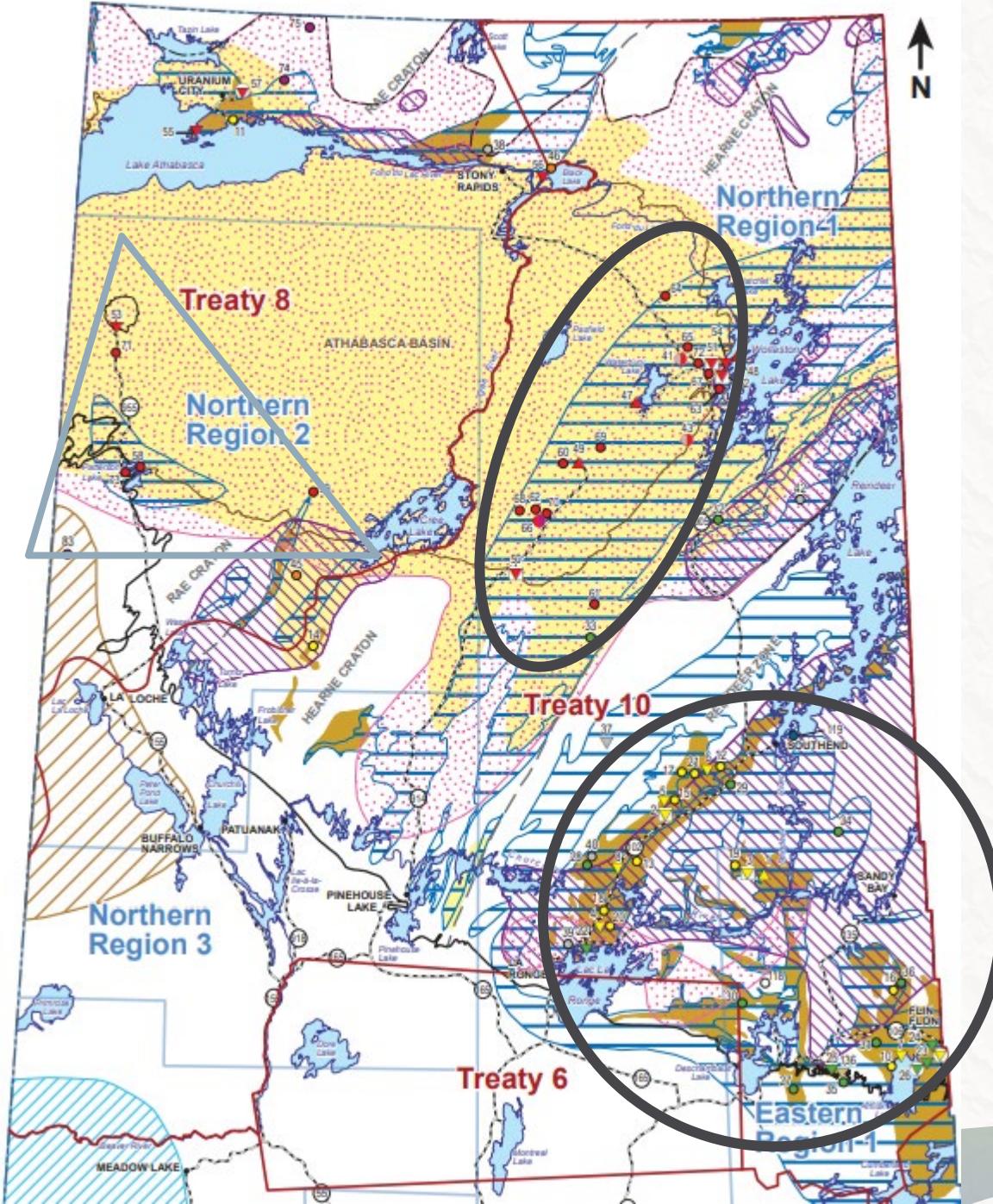
Description	Potash	Uranium	Metallic Minerals
Direct Employees	6,600	2,136	439
Contractors	11,145	1,026	101
Total Direct Wages	\$1.14 B	\$416 M	\$ 62 M
Avg. Salary		\$120k	
Lost Time Injury per 1 Million hrs	1.1	2.0	4.7

Description	Potash	Uranium	Metallic Minerals
Community Investment	\$27 M	\$12.7 M	\$190k

43% of uranium mine-site employees are residents of SK's north

Spending	Potash	Uranium	Metallic Minerals
Capital Investment	\$1.4 B	\$226 M	\$68 M
Local Supply Chain (SK)	\$2.2 B	\$581 M	\$76 M
Indigenous-owned Businesses Supply Chain	\$612 M	\$284 M	\$17 M

Saskatchewan's Northern Mining Industry



Uranium Operating Mines & Mills:

Cameco - McArthur River

Cameco - Key Lake Mill

Cameco - Cigar Lake

Cameco - Rabbit Lake (in care & maintenance)

Orano - McLean Lake Mill

Uranium Mines Under Development:

Denison - Wheeler River

NexGen - Rook I

Paladin - Patterson Lake South

UEC - Roughrider

*Saskatchewan is world's
2nd largest producer of
Uranium (22%)*

Base Metals Mining:

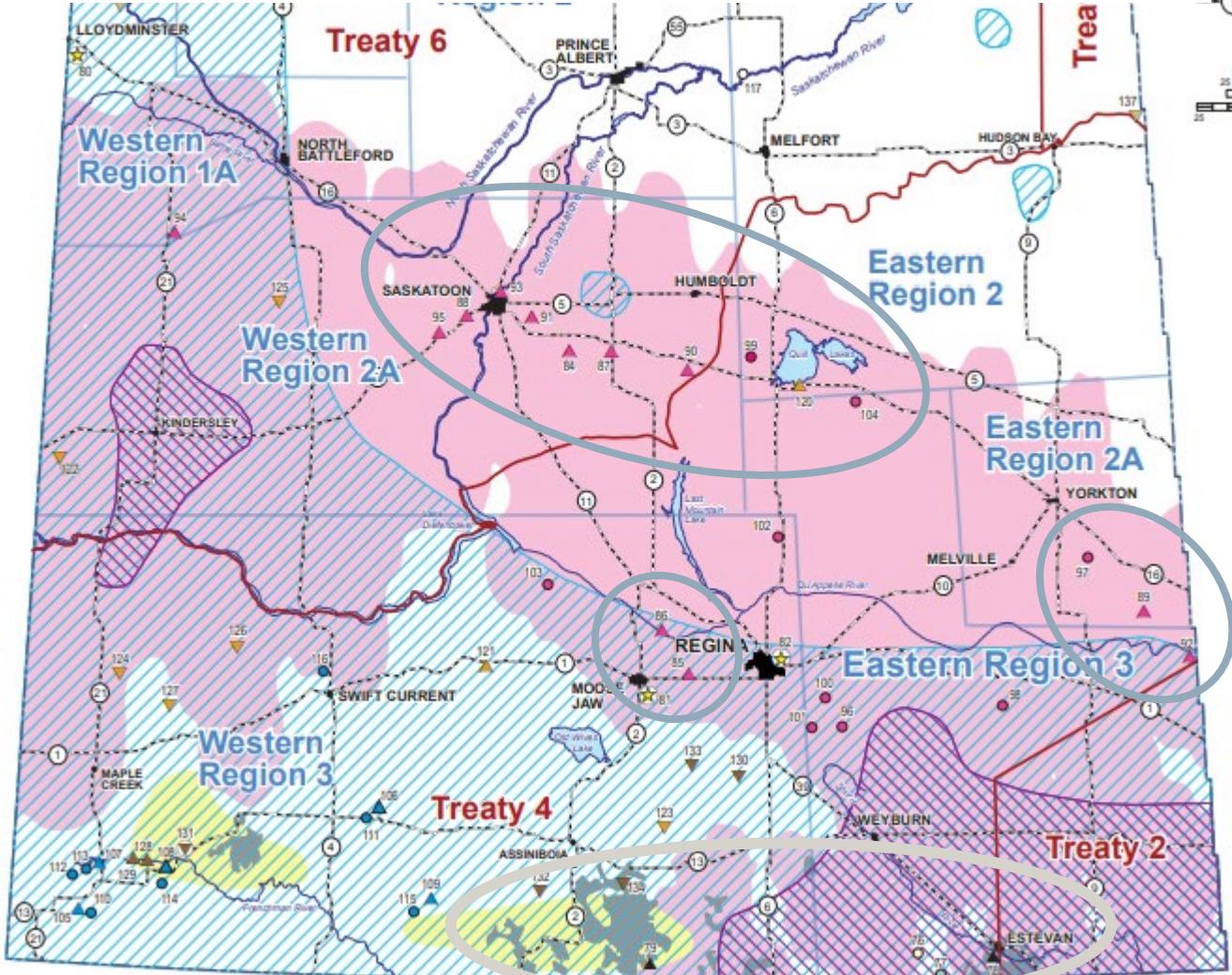
SSR Seabee

Copper Mine Under Development:

Foran McIlvenna Bay

Saskatchewan's Southern Mining Industry

Saskatchewan is the world's largest producer of potash (31%)



Potash Mines:
Nutrien Lanigan

Nutrien Cory

Nutrien Allan

Nutrien Patience Lake (Solution)

Nutrien Vanscoy

Mosaic Colonsay

Mosaic Esterhazy

Nutrien Rocanville

Mosaic Belle Plaine (Solution)

K+S Bethune (Solution)

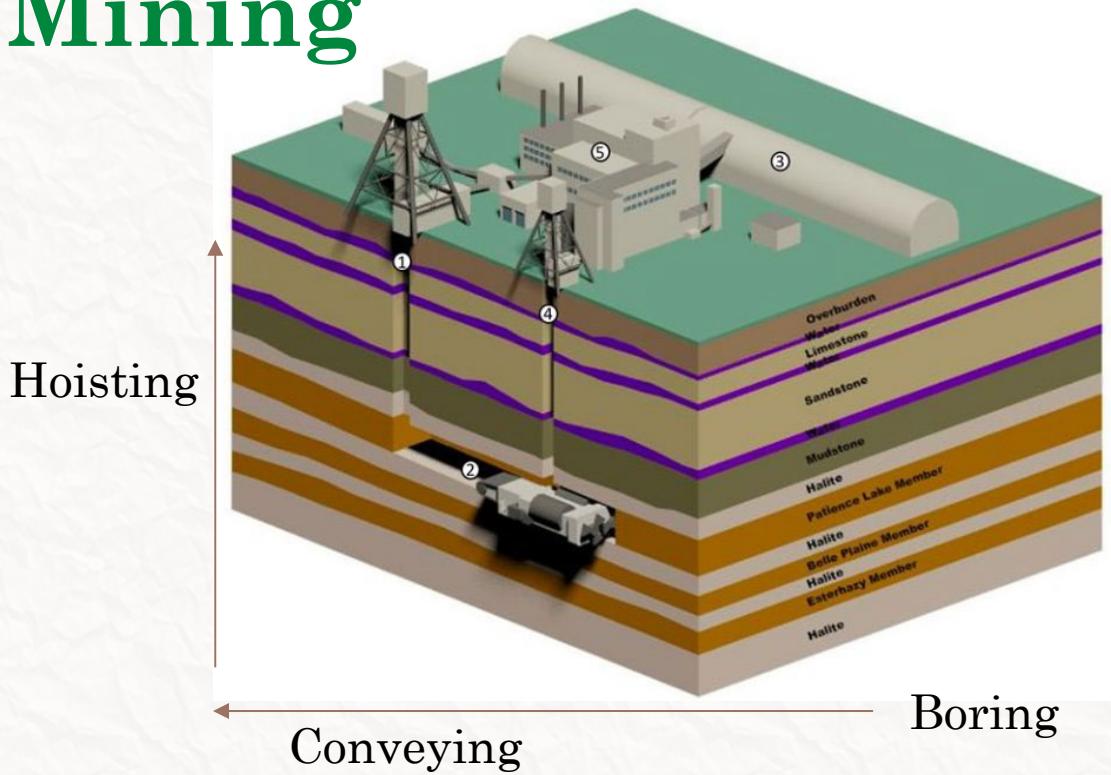
Potash Mines Under Development:
BHP Jansen

Potash Mines in exploration/discussion:
Western Potash Milestone

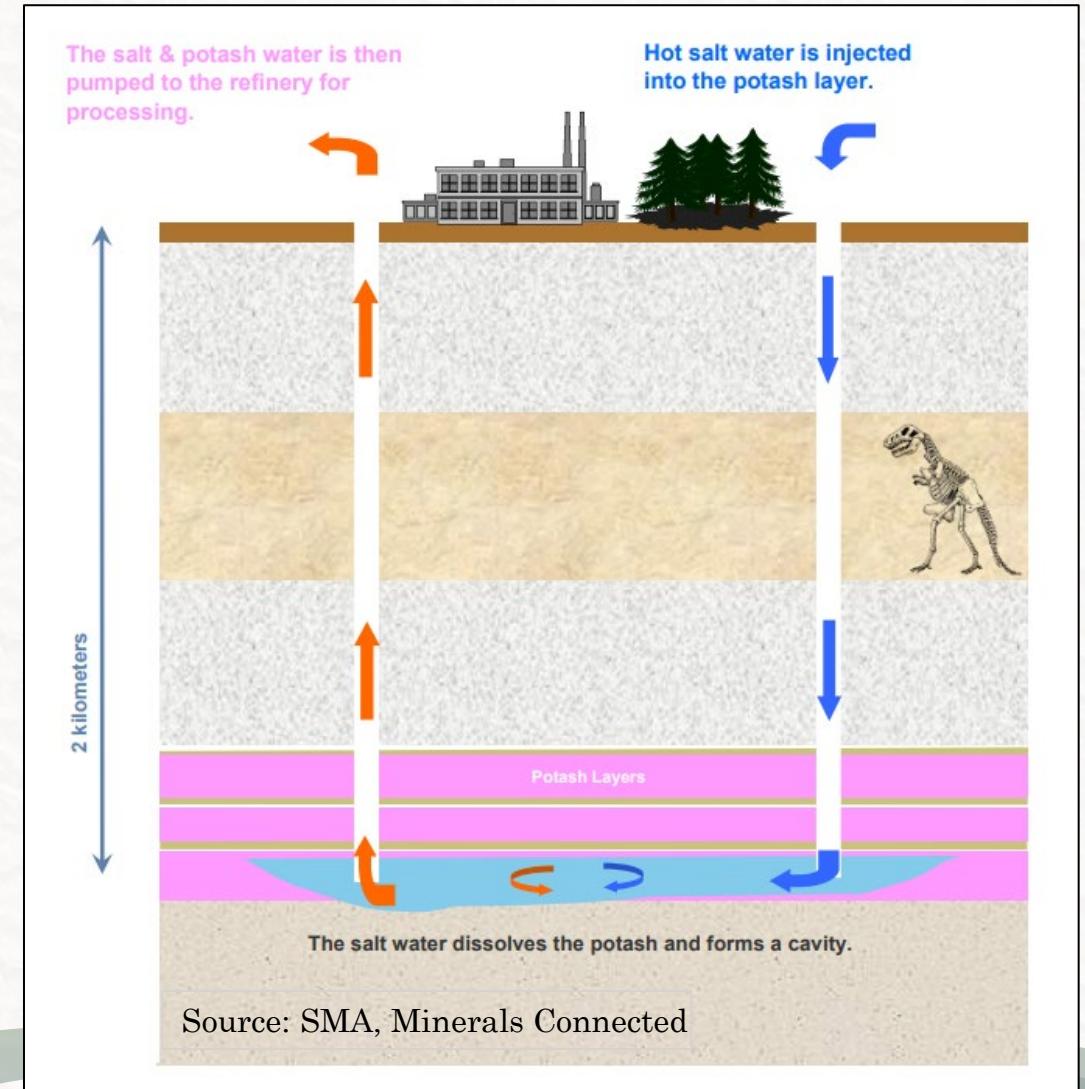
Coal Mines:
Westmoreland Coal (Estevan & Coronach)



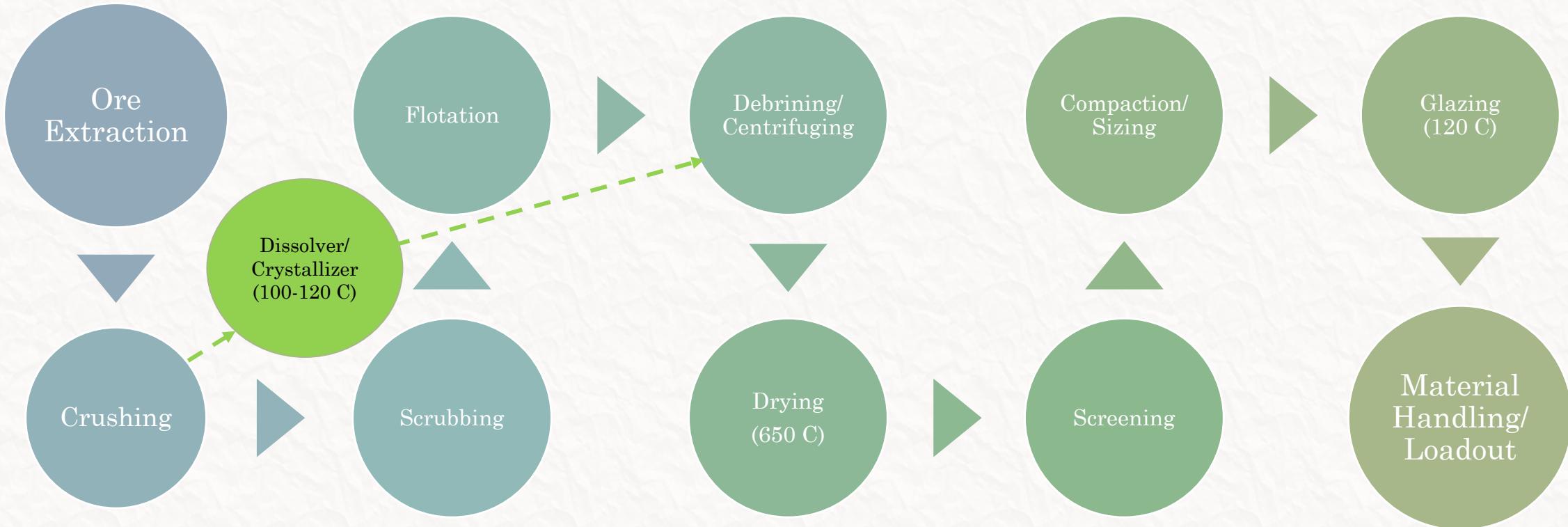
Conventional Potash Mining



Solution Mining



Conventional Potash Mining Flow Sheet



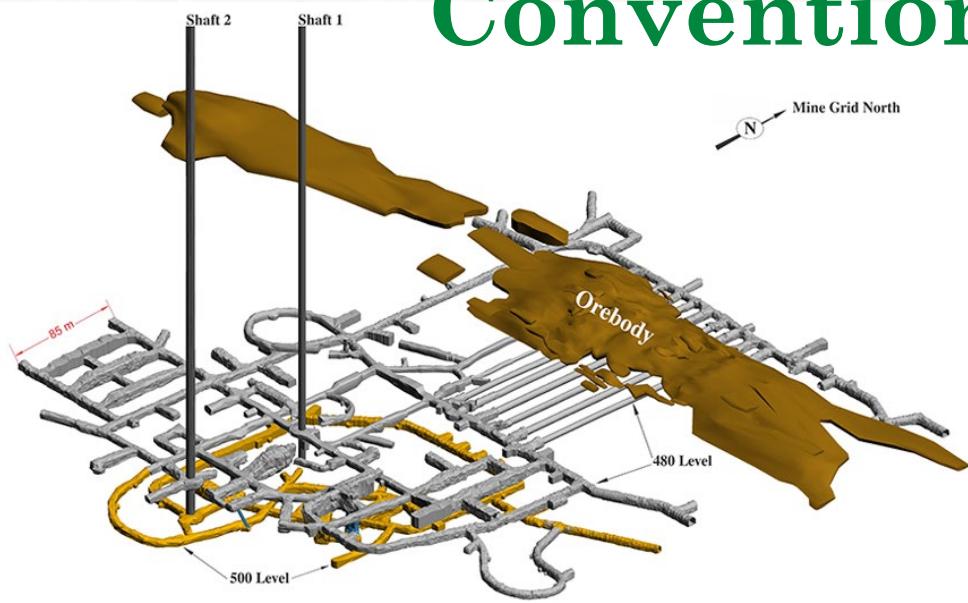
Nutrien Potash Mining and Milling Overview: <https://youtu.be/OFECEkOcb4w>

Solution Potash Mining Flow Sheet

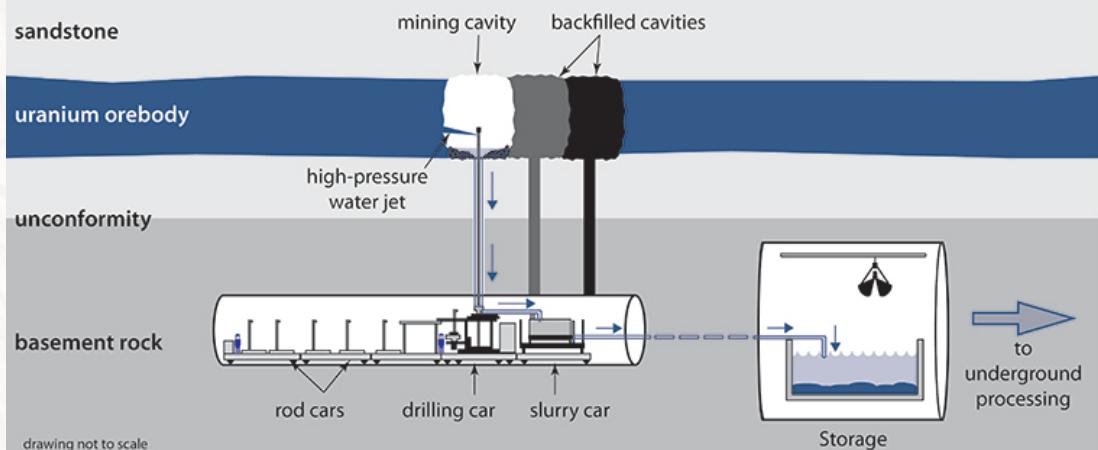


Solution Mining Front-end
Process Differs from
Conventional

Conventional Uranium Mining

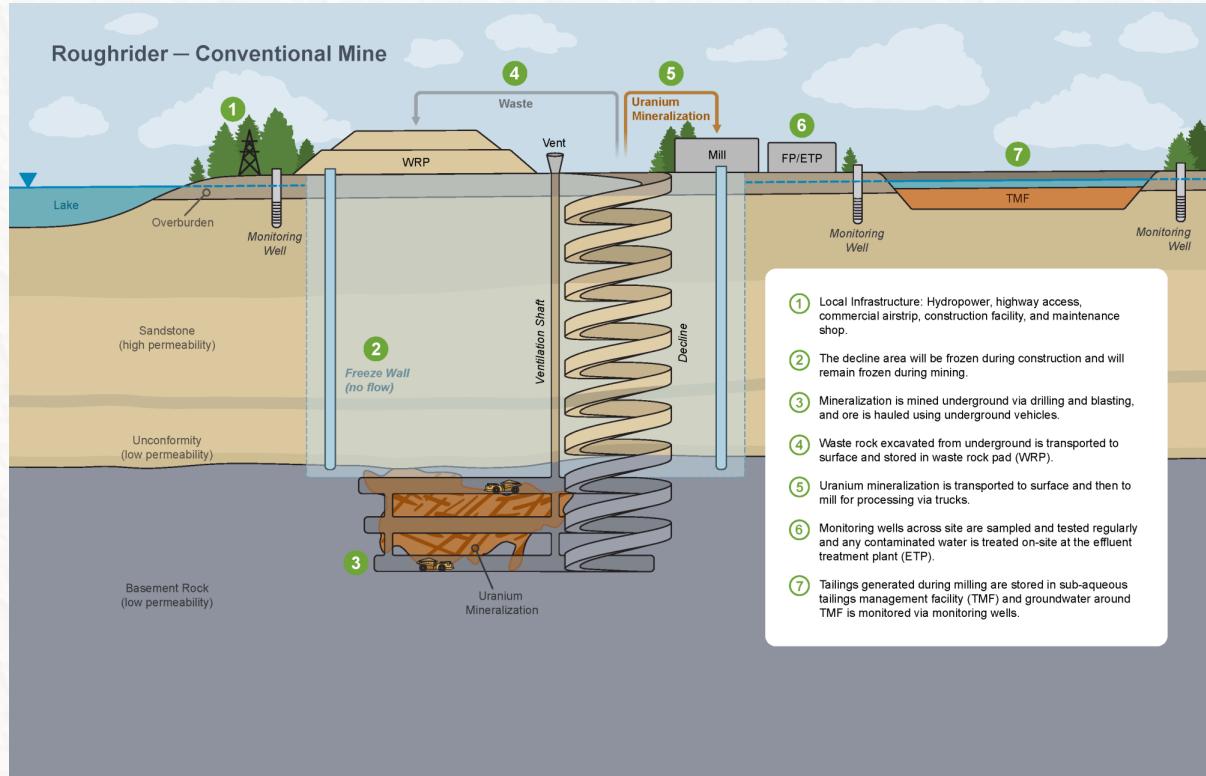


Cameco Cigar Lake



[How It's Made - Uranium Part 1 | Cameco](#)

How It's Made – Uranium Part 2 - Cameco
<https://youtu.be/c7ehyxRBMBw>



Uranium Energy Corporation

Uranium Mining Flow Sheet

