

# PELOTON

## MINERALS CORPORATION

CSE Symbol: PMC  
US OTC Symbol: PMCCF  
[www.pelotonminerals.com](http://www.pelotonminerals.com)

### *Lithium Discovery Next Door Puts the Spotlight on Peloton Ground*

- ◆ Significant lithium discovery recently made on claims immediately adjacent to Peloton's North Elko Lithium Project (NELP) by Surge Battery Metals Inc. (Surge)
- ◆ The new Surge discovery occurs in clays and Peloton has identified extensive clay outcrops on its adjacent NELP project

## Corporate Overview

Peloton's exploration portfolio includes the 408 mining claim (8,160 acre) North Elko Lithium Project immediately adjacent to the recent major lithium discovery by Surge Battery Metals Inc. in northeastern, Nevada. Peloton also holds several Carlin style gold exploration projects in Elko County, Nevada, a past producing gold project in Montana under option to a JV partner, and a non-controlling interest in a copper porphyry exploration project near Butte, Montana.

## North Elko Lithium Project

The North Elko Lithium Project (NELP) is located about 70 kilometers north-east of Wells, Nevada, and consists of 419 mineral claims covering 35 square kilometers (3,503 hectares or 8,856 acres). Surge Battery Metals Inc. (Surge) is immediately adjacent and tied onto the west portion of the NELP and has reported to have made a new lithium discovery in clays. Surge is actively exploring and advancing its discovery.

Using hyperspectral mineralogy mapping technology, Peloton has identified smectite, hectorite and illite clays in outcrop across the NELP claim block, suggesting a near surface clay layer exists over a considerable area. Smectite, hectorite and illite clays are the predominant lithium bearing minerals at Thacker Pass within the McDermitt Caldera in western Nevada which is the largest known measured and indicated lithium resource in the United States.

The western portion of NELP hosts the past producing Prince Uranium Mine and several breccia bodies along the margin of a graben/caldera structure. High grade uranium was mined in the 1950's from one of these breccia bodies, with historic grades reported at 1% uranium and samples running up to 7% uranium. Peloton's own sampling of the waste dump has returned samples up to 1% uranium as well as up to 1660 ppm molybdenum and up to 1280 ppb gold.

Peloton suggests that the adjacent lithium mineralization, and the uranium mineralization are likely cogenetic within the margin of one or more calderas, and the caldera/s may have played a significant role as the source of the lithium or other mineralization within the area.

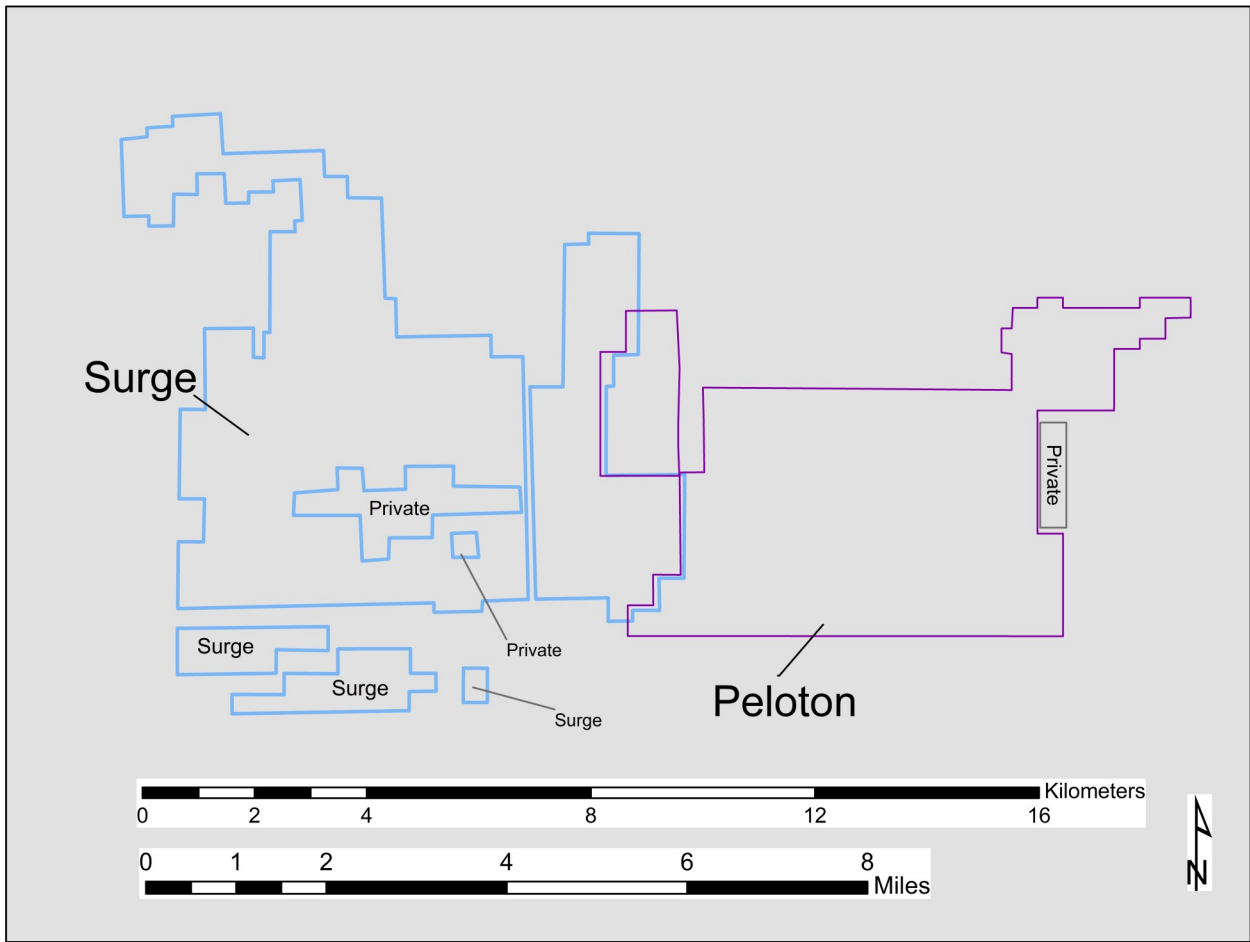
Surge has reported multiple drill intersections of between 1,000 ppm and 5,000 ppm lithium, with thicknesses of between 10 and 120 feet, and a strike length of 5,315 feet. The lithium on the Surge property is stated to be contained in silty, weakly calcareous, claystone and within seams of blue-grey clay, which also occurs at Texas Canyon.

Peloton is planning a number of ground exploration programs and drilling of the smectite, hectorite and illite outcrops. The Company has retained IBK Capital Corporation of Toronto to source lithium exploration capital.

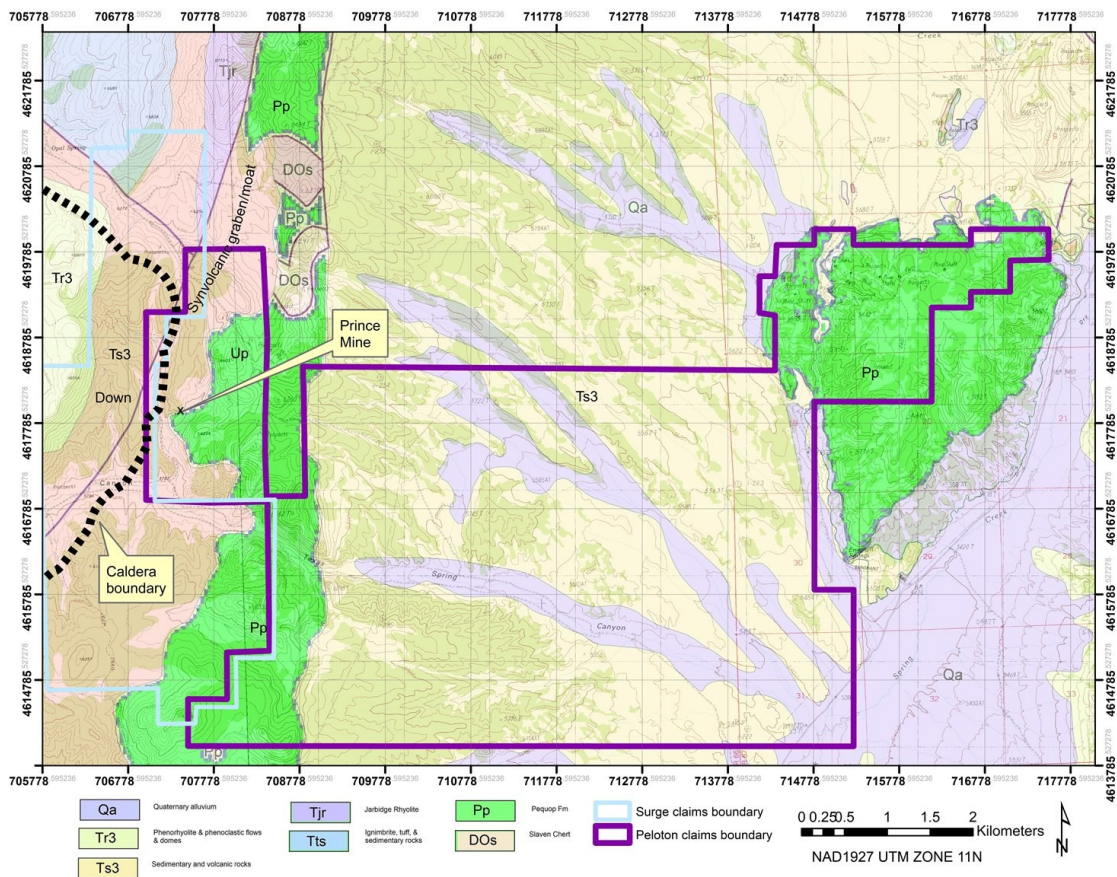
### Prince Mine Portal—1950's



# Comparative Ground Position - Surge & Peloton



# Geologic Map & Claim Boundary





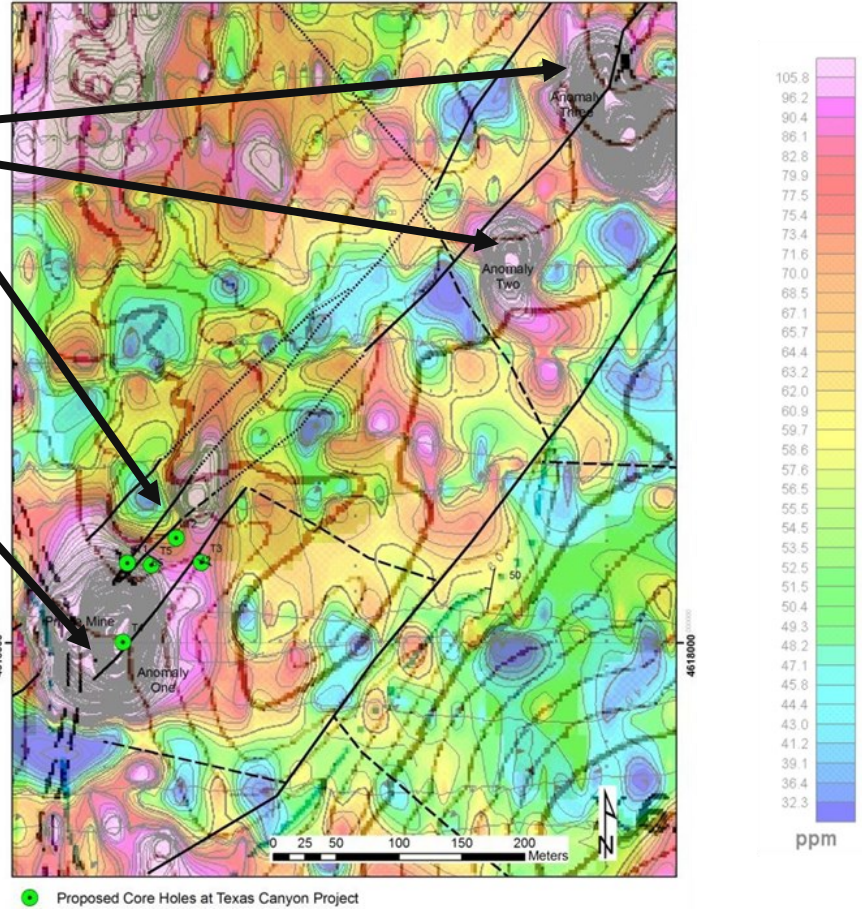
# Prince Uranium Mine Features Breccia Pipes Along the Margin of a Caldera (Western Portion of Peloton Claim Block)

Several Breccia pipes occur along the margin of a Caldera

None have been drilled

One of the Breccia pipes hosted the Prince Uranium Mine which produced 1% Uranium in the 1950's

*The adjacent lithium and the uranium mineralization are likely co-genetic and the caldera/s may have played a major role as the source of lithium or other mineralization in the area*



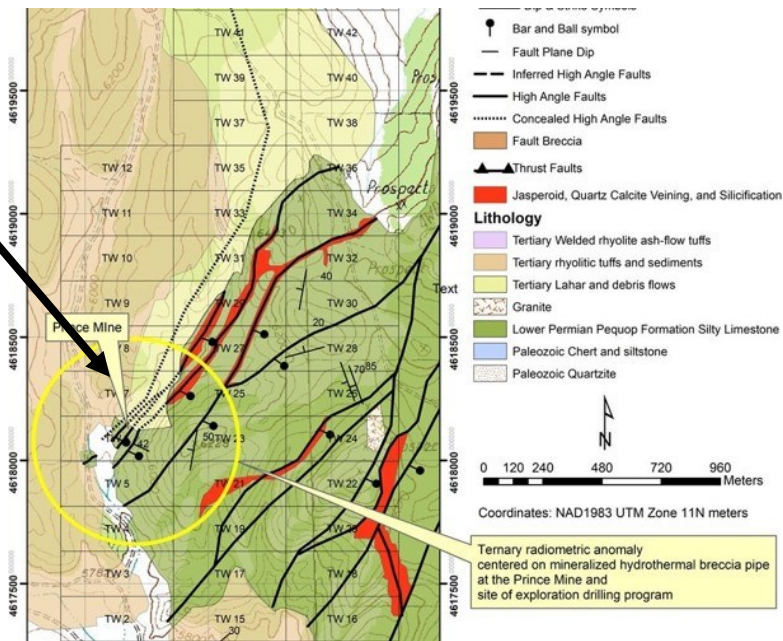
# Prince Uranium Mine Features Polyphase Hydrothermal Breccia (Western Portion of Peloton Claim Block)

Prince Uranium Mine - 1950's

Average grade 1% Uranium with Samples



Surge lithium discovery is immediately west of the Prince Mine (estimated about 3 kilometres west)



## Capital Structure

- ◆ Exchange Listing  
CSE Symbol: PMC  
OTCQB Symbol: PMCCF
- ◆ Recent Share Price CAD \$0.11
- ◆ 52 week low-high CAD \$0.08-\$0.15
- ◆ Shares Outstanding 123 million
- ◆ Market Capitalization CAD \$13.5 million

## Investor Relations:

- ◆ Paul Teodorovici (514) 582-2282
- ◆ Edward (Ted) Ellwood (519) 697-2313

## Board & Management

- ◆ John O'Donnell, BA Econ. LLB, Chairman
- ◆ Edward Ellwood, MBA, President
- ◆ Eric Plexman, CFO, Corp. Secretary
- ◆ Paul Teodorovici, VP Bus. Development
- ◆ Richard Capps, PhD., Director
- ◆ Kent Britton, BA Econ., Director
- ◆ Cliff Wiebe, Director

Richard Capps, PhD is the Qualified Person ("QP") responsible for approving the technical information contained in this brochure.

## ***Lithium Discovery Next Door Puts the Spotlight on Peloton Ground***

### **People:**

- A strong managerial and technical team

### **Projects:**

- Located in US jurisdictions with a history of hosting large mineral deposits
- Lithium, Uranium, Molybdenum, Gold and Copper

### **Immediate Plans & Catalysts**

- Lithium financing led by IBK Capital Corp. of Toronto
- Follow-on surface exploration of smectite, hectorite-illite clays identified through hyperspectral mapping, including ground truthing, spectrometry, XRD, sampling, assaying and mapping
- Re-assay previous soil geochemistry pulps covering the Texas Canyon and Golden Trail claim books
- Packsack drill program - 600 feet (does not require permitting)
- Airborne and surface geophysical surveys
- Additional ground acquisitions as warranted
- Finalize drill permit on newly staked ground and complete the renewal of two existing drill permits
- Prioritize drill targets and 7,000 feet of drilling