



Eagle Plains
Resources Ltd.

Northern Athabasca Basin Uranium Properties

December 2023

DON LAKE - 524 ha

- six SMDI occurrences
- historic DDH No. 23: 10.7% U3O8 over 0.3m
- historic DDH No. 6: 2.14 % U3O8 over 0.67m
- "A" Zone mineralization continuous over ~ 213m

DIANNE LAKE

- two SMDI occurrences
- past producing Smitty Mine was the first privately owned uranium producer in Canada with mineralized material shipped to the nearby Eldorado mill

SMITTY - 882 ha

LORADO - 245 ha

- three SMDI occurrences
- past producing Lorado Mine
- structurally controlled uranium mineralization associated with graphite and pyrite

- four SMDI occurrences
- past producing Gulch Uranium Mine
- uranium mineralization associated with regional Black Bay structure

GULCH - 1658 ha

BLACK BAY - 1114 ha

- Six SMDI occurrences
- past producing Black Bay Uranium Mine
- grab samples from historic drill core from Bluegrass U Zone returned 16.74% U3O8 and 9.64 U3O8 at a depth of 12.8m

BEAVER RIVER - 1454 ha

- four SMDI occurrences
- grab samples from VIC U-Cu-Ni occurrence returned up to 27.62% U3O8, 36.30% U3O8 and 29.70% U3O8
- chip samples from VIC South occurrence returned U3O8 values of 29.89% over 29.3 cm, 18.09% over 15.2 cm and 3.09% over 60.9 cm
- mineralized zone approximately 1097 m in length

- Eagle Plains Project - Uranium
- Eagle Plains Project - Other
- Other Mineral Dispositions
- Athabasca Basin Margin
- Road
- Transmission Line
- Active or Depleted Uranium Mine

