



## Epp Lake Project Athabasca Basin, Saskatchewan

The Epp Lake Project consists of two claims totalling 1,586 hectares, located within the eastern Athabasca Basin, 20 kilometres northwest of McArthur River Mine. Access to the property is via float plane or winter road.

### Geology

The sandstone thickness underlying the Epp Lake Project ranges from 800 metres on the property's eastern side to an estimated 950 metres on the property's western side. Basement rocks are from the Mudjatik Domain. The basement is interpreted to include an east-northeast trending Archean granitic dome which is flanked by meta-sediments.

The meta-sedimentary package on the eastern side of the property has a complex group of discontinuous conductors mapped while the interpreted wrap-around extension on the western claim block does not appear conductive.



### Northwest Territories



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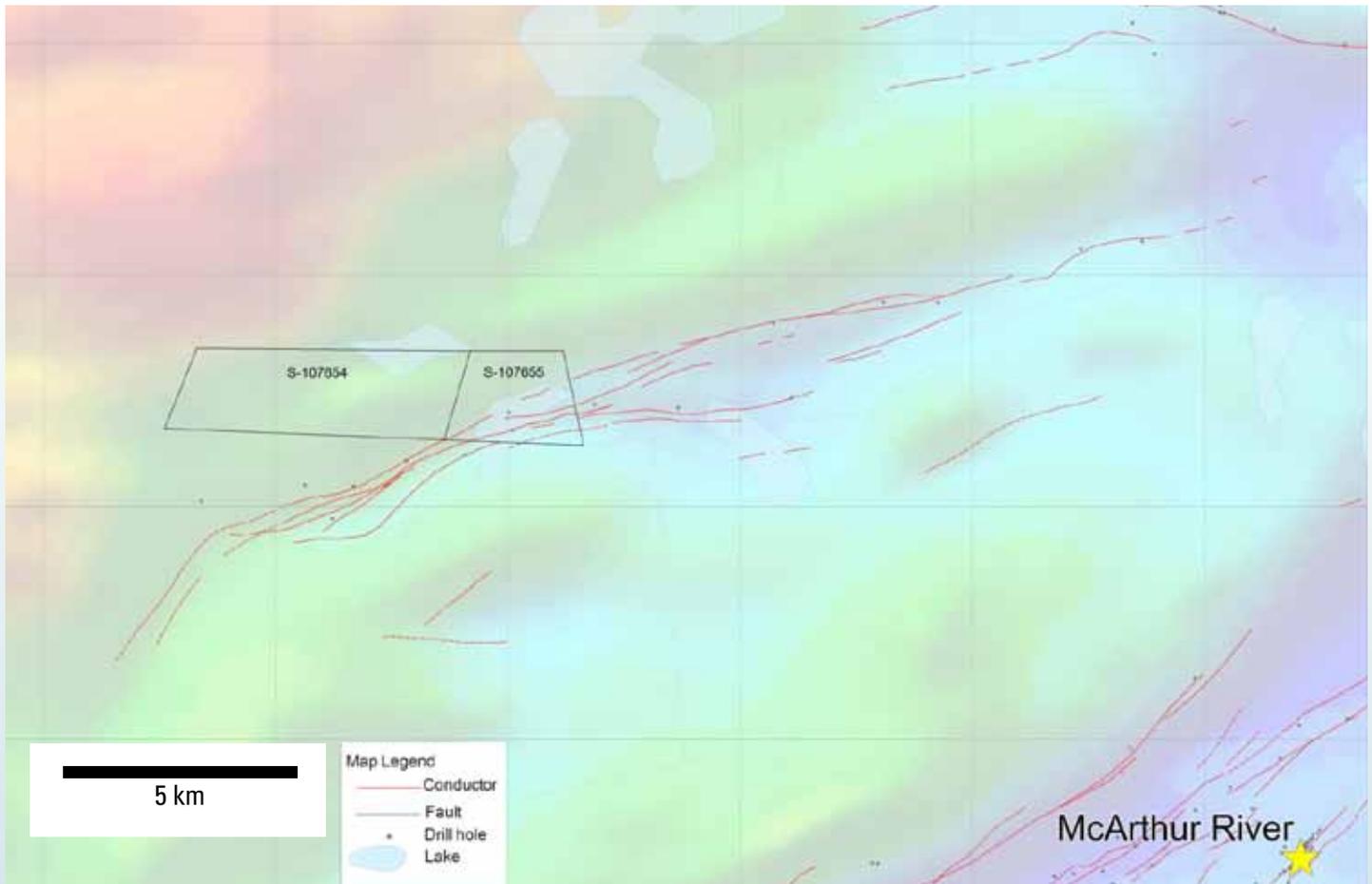
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## Historic work

- From 1986 to 2000 the Epp Lake area was explored by Uranerz Exploration Ltd. and Cameco Corp. Work completed in the area included airborne and ground geophysics, boulder sampling, water and soil sampling and a total of twelve drill holes, two of which are within the current claims. Graphitic pelites were encountered on the eastern claim. Drilling confirmed the presence of northwest trending post-Athabasca faults with anomalous uranium and boron in the basement rocks as well as illite anomalies in the lower sandstone column.
- Since 2004 the property has been explored by Denison Mines Corp. Denison has completed further airborne and ground geophysics to confirm the presence of historically located conductors. Denison also completed a boulder geochemistry survey over the project claims.

## Potential

- The only two holes drilled over the five plus kilometres of mapped conductors confirm the presence of graphitic pelites, faulting and anomalous geochemistry. These two holes were drilled as a fence perpendicular to the conductor axis.
- Most of the length of this disrupted conductive package has not been tested.
- The Epp Lake property has potential for unconformity and basement hosted uranium mineralization.

## Future Work:

- Complete a ground resistivity survey to define zones of structural disruption within the Athabasca sandstone and underlying Basement rocks.
- Complete further ground geophysics on the western claim block to aid in target delineation.
- Complete further drilling to test along strike of the only two holes drilled on the property.

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Please view [www.denisonmines.com](http://www.denisonmines.com) to view the

Company's Annual Information Form and Quarterly Exploration and Development Updates and Financial Statements for further information.

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