



Eagle Plains Resources Ltd.

Black Bay Property Historical Work Compilation

to U-City (7 km)



Bluegrass - B Zone:

- 25 DDH & 10+ trenches
- Drilling results: up to 0.66% U3O8 over 0.3m
- Trench samples: up to 3.78% U3O8 over 0.3m and 3.62% U3O8 over 0.3m
- Grab samples from historical DDH at 12.8m depth returned 16.74% and 9.64% U3O8

Powder (C Zone):

Historic Black Bay Uranium Mine:

- production consisted of 1,375 t grading 0.17% U3O8 in 1958

Black Bay surface workings:

- A Zone: exposed length of 13.7m and width of 0.9m and grades 0.47% U3O8
- B Zone: extends 22.9m and width of 1.5m with grades to 0.72% U3O8
- C Zone: extends 6.1m over 4.6m and grades 0.91% U3O8

Bearcat Au Showing:

- No. 1 Zone grab sample returned 0.47% U3O8
- No. 2 Zone grab samples returned up to 0.52% U3O8 and drill assays returned 0.21% U3O8 over 0.5m
- No. 3 Zone chip samples over widths of 0.10-0.20m returned up to 2.29% U3O8

Brunston Shaft & 18 DDH:

- up to 0.21% U3O8 over 0.3m interval and 0.13% U3O8 over 0.6m interval

Brunston Trench samples up to 6.25% U3O8

Bluegrass - A Zone:

- 4 DDH & 10 trenches



Legend

BB Historic Workings

- Black_Bay_Mine
- historic_DDH
- trenches_point
- fault (graphitic)_zone
- mineralized_zones
- BB_underground_footprint
- radiometric_anomalous_zones
- SMDI
- Tenure Outline
- Faults_250K

1:40,000
NAD83 UTM Zone 12N
06/2024 by J. Brown

Geological Formations

Balp	Leucogranite-leucogranodiorite (1933 Ma)	BMq	Murmac Bay quartzite
Bg23	Granite (North Shore Plutons; 2327-2287 Ma)	BMvb	Mafic volcanic rocks
Bg30	Granite-tonalite (3060-2999 Ma)	BMx	Undifferentiated Murmac Bay Group rocks
Bgag	Granitic orthogneiss (includes 2941 Ma rocks)	Bum	Ultramafic rocks
Bgb	Gabbro	FP	Pebbly to conglomeratic quartz arenite
Bgu	Undifferentiated granite	MGb	Conglomerate, arkose, minor siltstone
BMm	Amphibolite	MGg	Conglomerate, sandstone
BMP	Psammopelite to pelite, gneiss and migmatite	MGgv	Mafic flows
BMpc	Mafic volcanic and psammopelitic to pelitic rocks	MGs	Sandstone, conglomerate, minor siltstone

