



## Occurrence Details

**Occurrence Number:** 105E 061

**Occurrence Name:** Braburn Lime

**Occurrence Type:** Hard-rock

**Status:** Prospect

**Date printed:** 6/14/2025 6:11:14 PM

## General Information

**Secondary Commodities:** limestone

**Deposit Type(s):** Limestone

**Location(s):** 61°33'14" N - -135°49'6" W

**NTS Mapsheet(s):** 105E12

**Location Comments:** .5 Kilometres

**Hand Samples Available:** No

**Last Reviewed:**

### Capsule

#### Work History

Discovered during a regional reconnaissance survey of potential limestone sites completed in 1995, by 14844 Yukon Inc (aka Yukon Lime Inc) which staked Mac cl 1-4 (YB66288) in Oct/95. The company added Jeanie cl 1-12 in May/96. Subsequently the claims were optioned to 145976 Yukon Inc which surveyed the claims in May/97 and blast trenched, sampled and drilled 7 reverse circulation holes ( 193.5 m) in Jul/97. As part of their exploration program, 145976 Yukon Inc staked BDM cl 1-4 (YB97656) in May/97, Rob cl 1-3 (YB97768) in Jun/97 and Rich cl 1-3 (YC08024) in Aug/97.

#### Capsule Geology

The occurrence is located at the northern end of the Stikinia Terrane, the largest terrane underlying the Intermontane region of the Cordillera. Stikinia consists of an Upper Paleozoic volcanic arc basement upon which the Lewes River volcanic arc was built during the Middle and Late Triassic. Detritus from the uplifted arc accumulated up to seven kilometers of strata in the adjacent marginal basin through Middle Jurassic time. This basin, known as the Whitehorse Trough, is composed of Late Triassic volcanic rich detritus and carbonate of the Lewes River Group and Jurassic intrusive-rich clastics of the Laberge Group.

The occurrence is located on the side of a prominent hill and is underlain by a resistant, white weathering, limestone tentatively assigned to the Upper Triassic Hancock Member of the Lewes River Group. The limestone is locally interbedded with fine grained clastic and calcareous siltstone. The 7 reverse circulation drill holes were all collared on the Mac claims and tested the calcium carbonate (CaCO<sub>3</sub>) content of the limestone units. Hole RC-97-03 intersected 16.8 m of 95.23% CaCO<sub>3</sub>. The other holes all intersected lower grades. The drill program demonstrated that there is a strong correlation between low silica content and high calcium carbonate.

#### References

145976 YUKON INC, Jul/97. Assessment Report #093658 by B.D. Mac Lean.

145976 YUKON INC, Apr/99. Assessment Report #093946 by R.A. Doherty.

YUKON EXPLORATION AND GEOLOGY 1997, p. 33 and 35.

### Work History

Date	Work Type	Comment
12/31/1997	Drilling	Number of holes drilled: 7 Amount of work done: 193.5 METRES Drilling carried out to test lime potential of property.
12/31/1997	Trenching	
12/31/1997	Other	

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">096755</a>	2014	2014 Geological and Geochemical Exploration on the Braeburn Lake Property	Rock - Geochemistry, Detailed Bedrock Mapping - Geology		
<a href="#">096666</a>	2013	Geological Mapping and Lithogeochemical Sampling at the Limestone Property	Rock - Geochemistry, Detailed Bedrock Mapping - Geology		
<a href="#">093946</a>	1997	Report on the 1997 RC Drilling Program on the MAC 1-4 & Jeanie 1-12 Claims	Reverse Circulation - Drilling	7	59
<a href="#">093658</a>	1997	Survey Report on Location Line Survey	Prospecting - Other		