

***Errata: Lower Churchill River: Riverbank  
Stability Report (November 26, 2015)***

Previously submitted to the  
NL Public Utilities Board's

*Investigation and Hearing into Supply Issues and  
Power Outages on the Island Interconnected System*

on behalf of

**Grand Riverkeeper Labrador, Inc.**

by

**Dr. S. Bernander**

Errata submitted 13 October 2016

**Dr. S. Bernander**  
Adjunct Professor (Retired)  
Luleå Technical University, Sweden

Email <[stig.bernander@telia.com](mailto:stig.bernander@telia.com)>  
Tegelformsgatan 10, SE 431 36, 36 MÖLNDAL, Sweden  
Tel +46-31-871104 Cell +46-72-3954646

PAGES	ERRORS	CORRECTIONS
2, 22, 23, 29	<i>Edward Island</i>	<b>Edwards Island</b>
9, 16	Liquidity Index $I_L$	Liquidity Index <b>LI</b> (Canadian usage)
9, 16, 17, 18, 20, 24	Liquid Limit $w_L$	Liquid Limit <b>LL</b>
9, 16, 17	Plasticity Limit $w_P$	Plasticity Limit <b>PL</b>
9, 16, 17, 18	Plasticity Index $I_P$	Plasticity Index <b>PI</b>
9	The <i>void ratio</i> ( $n$ ) of a granular soil	The <b>porosity</b> ( $n$ ) of a granular soil
10	related parameter is <i>porosity</i> ( $e$ )	related parameter is <b>void ratio</b> ( $e$ )
10	The parameter ( $n_{crit}$ ) ... is known as the “critical void ratio”	The parameter ( $n_{crit}$ ) ... is known as the “critical void ratio” or “ <b>critical soil porosity</b> ”
11	such a soil features high porosity $n = \Delta V/V_S$	such a soil features high porosity $n = \Delta V/V$
33	The <i>void ratio</i> ... is assumed to be ( $n$ ) = 40%	The <b>porosity</b> ... is assumed to be ( $n$ ) = 40%
33	the <i>porosity</i> $e = n/(n-1) = 0.40/0.60 = 0.6667 = 66.67\%$	the <b>void ratio</b> $e = n/(1-n) = 0.40/0.60 = 0.6667 = 66.67\%$