

TABLE 2: PETROLEUM ENDOWMENT ESTIMATES BY SOURCE
AND TYPE

Source	Discovered Crude Oil	Expected Undiscovered Crude Oil	Discovered Natural Gas	Expected Undiscovered Natural Gas
Conventional Crude Oil and Natural Gas Reserves and Resources				
National Energy Board (1998); (values given as 0.95, <i>mean</i> , and 0.05 probabilities)	(91.8, 172.75, 277.3) X 10 ⁶ m ³ recoverable crude oil and condensate	N/A	(186.2, 254.7, 349.3) X 10 ⁹ m ³ marketable natural gas	N/A
GSC Conventional Resources (Dixon et al., 1994)	276.8 X 10 ⁶ m ³ (1.744 X 10 ⁹ bbls) recoverable	855.6 X 10 ⁶ m ³ (5.39 X 10 ⁹ bbls) recoverable	332.6 X 10 ⁹ m ³ (11.74 X 10 ¹² cubic feet) recoverable	1,509.9 X 10 ⁹ m ³ (53.3 X 10 ¹² cubic feet) recoverable
Canadian Association of Petroleum Producers Conventional Resources (Various)	64.95 X 10 ⁶ m ³ to 53.95. X 10 ⁶ m ³ established	N/A	298.73 X 10 ⁹ m ³ to zero marketable	N/A
Canadian Gas Potential Committee Conventional Resources (2001)	N/A	N/A	250 X 10 ⁹ m ³ (8.84 X 10 ¹² cubic feet) marketable	598 X 10 ⁹ m ³ (21.105 X 10 ¹² cubic feet) marketable
Non-Conventional Gas Hydrate Resources				
GSC Non-Conventional Natural gas Hydrate Resources (Majorowicz and Osadetz, 2001)	N/A	N/A	N/A	2,400 X10 ⁹ to 87,000 X10 ⁹ m ³ raw in-place
Canadian Gas Potential Committee Non-Conventional Natural gas Hydrate Resources (2001)	N/A	N/A	N/A	2,400 X10 ⁹ to 87,000 X10 ⁹ m ³ raw in-place

TABLE 3: EXPECTED DISCOVERED AND UNDISCOVERED
PETROLEUM ENDOWMENT BY PLAY-GROUP

	Crude Oil (mean recoverable).		Natural Gas (mean recoverable)	
Play-group	Discovered	Undiscovered	Discovered	Undiscovered
Onshore/Shallow Offshore	$39.84 \times 10^6 \text{ m}^3$ (0.251 X 10^9 bbls)	$166.67 \times 10^6 \text{ m}^3$ (1.05 X 10^9 bbls)	$214.45 \times 10^9 \text{ m}^3$ (7.57 Tcf)	$356.94 \times 10^9 \text{ m}^3$ (12.5 Tcf)
Offshore Mackenzie Delta	$144.4 \times 10^6 \text{ m}^3$ (0.910 X 10^9 bbls)	$198.41 \times 10^6 \text{ m}^3$ (1.25 X 10^9 bbls)	$93.20 \times 10^9 \text{ m}^3$ (3.29 Tcf)	$266.29 \times 10^9 \text{ m}^3$ (9.4 Tcf)
West Beaufort Sea	$35.87 \times 10^6 \text{ m}^3$ (0.226 X 10^9 bbls)	$306.35 \times 10^6 \text{ m}^3$ (1.93 X 10^9 bbls)	No discoveries public prior to 1994	$354.11 \times 10^9 \text{ m}^3$ (12.5 Tcf) (This value appears in Dixon et al., 1994, Table 1, p.43 although the text states that no gas assessment was performed)
Deep Water and Other	$56.67 \times 10^6 \text{ m}^3$ (0.357 X 10^9 bbls)	$184.13 \times 10^6 \text{ m}^3$ (1.16 X 10^9 bbls)	$24.93 \times 10^9 \text{ m}^3$ (0.88 Tcf)	$532.58 \times 10^9 \text{ m}^3$ (18.8 Tcf)
Total (Dixon et al., 1994)	$276.83 \times 10^6 \text{ m}^3$ (1.744 X 10^9 bbls)	$855.56 \times 10^6 \text{ m}^3$ (5.39 X 10^9 bbls)	$332.58 \times 10^9 \text{ m}^3$ (11.74 Tcf)	$1.51 \times 10^{12} \text{ m}^3$ (53.3 Tcf)
Total (mean discovered, NEB, 1998; undiscovered CGPC, 2001)	$172.75 \times 10^6 \text{ m}^3$ (1.16 X 10^9 bbls)	No other estimate available	$254.7 \times 10^9 \text{ m}^3$ (8.99 Tcf)	$598 \times 10^9 \text{ m}^3$ (21.105 Tcf)
Difference (%)	66%	N/A	77%	40%