

Gems & Gemology Data Depository: Discredited, unsubstantiated, and doubtful reports of diamond discoveries in Canada before 1963.

<u>Year</u>	<u>Location</u>	<u>Selected references</u>	<u>Comments</u>
1541	Cap aux Diamants, Quebec (on St. Lawrence River, near present-day city of Quebec)	Krajick (2001)	Explorer Jacques Cartier mis-identified quartz as diamond
1872	Near River Philip, Nova Scotia	Feuchtwanger (1872, p. 528)	"A diamond of oval shape, about three inches long and two inches wide . . ."; no details of method of identification and no further mention of this diamond in the literature
1906	Nipissing District, Ontario	"Diamond (?) discovery in the Nipissing District" (1906)	A stone "believed to be one of the largest diamonds in the world," but this reported discovery lacks authenticity; details of identification methods not given
1910	Olivine Mountain, Tulameen River, 25 miles (40 km) east of Hope, British Columbia	Johnston (1911), Camsell (1911, 1913)	Microscopic diamonds reportedly obtained following fusion of chromite with sodium carbonate, potassium bisulfate and sodium peroxide; they were shown to be synthetic periclase (MgO) by LeCheminant and Bédard (1996)
1911	Scottie (Scotty) Creek, near Ashcroft, British Columbia	Camsell (1912), Johnston (1912)	Same comments as above
1911	Montreal pit, Thetford mines, Black Lake, Megantic County, Quebec	Johnston (1912), Poitevin and Graham (1918)	Same comments as above
1914	Reaume Township, north of Porcupine, Ontario	Gibson (1914)	Same comments as above

"before 1920"	Peterborough, Ontario	Gunn (1967)	One 33 ct stone reportedly found (presumably in surficial deposit) while digging a railway cut between Ottawa and Toronto; poorly documented and considered unsubstantiated
1948	Saskatchewan; within 100 miles (160 km) of Flin Flon, Manitoba	Field (1949, 1950, 1978), "Diamond find in Canada doubted" (1948-49), Gent (1992b)	Discovery of five diamonds claimed; unsubstantiated and doubtful
1958	Southwest of Edmonton, Alberta	Morton et al. (1993), Krajick (2001)	Discovery of 1 ct stone claimed; no details presented, unsubstantiated
1961-1963	Near Prince Albert, Saskatchewan	Gent (1992a,b)	Discovery of two diamonds claimed; believed to be a "fictitious promotion" (Gent, 1992b, p. 4)

REFERENCES

- Brummer J.J. (1978) Diamonds in Canada. *Canadian Institute of Mining and Metallurgy Bulletin*, Vol. 71, No. 798, pp. 64–79.
- Camsell C. (1911) A new diamond locality in the Tulameen District, British Columbia. *Economic Geology*, Vol. 6, No. 6, pp. 604–611.
- Camsell C. (1912) Note on the occurrence of diamonds at Tulameen, and Scottie Creek near Ashcroft, B.C. *Summary Report of the Geological Survey Branch (1911)*, Canada Department of Mines, pp. 123–124.
- Camsell C. (1913) Geology, and Mineral Deposits of the Tulameen District, B.C. *Canada Department of Mines, Geological Survey, Memoir No. 26*, pp. 146-152.
- Diamond (?) discovery in the Nipissing District (1906) *Mining Journal*, Vol. 80, September 22, p. 333.
- Diamond find in Canada doubted (1948–49) *Gems & Gemology*, Vol. 6, No. 4, p. 123.
- Feuchtwanger L. (1872) *A Popular Treatise on Gems*, 4th ed. Published by the author. New York.
- Field D.S.M. (1949) The question of diamonds in Canada. *Journal of Gemmology*, Vol. 2, No. 3, pp. 103–111.
- Field D.S.M. (1950) Diamond pipes in Canada. *Canadian Mining Journal*, Vol. 71, No. 7, pp. 54–57.

- Field D.S.M. (1978) Are there diamond pipes in Canada? *Canadian Gemmologist*, Vol. 2, No. 3, pp. 8–13.
- Gent M.R. (1992a) Diamond exploration in Saskatchewan. *Canadian Institute of Mining and Metallurgy Bulletin*, Vol. 85, No. 956, pp. 64–71.
- Gent M.R. (1992b) *Diamonds and Precious Gems of the Phanerozoic Basin, Saskatchewan: Preliminary Investigations*. Saskatchewan Geological Survey, Open File Report 92–2, Saskatchewan Energy and Mines, Regina.
- Gibson T.W. (1914) Discovery of chrome iron ore and diamonds. *Annual Report, Ontario Bureau of Mines, 1914*, Vol. 23, pp. 47–48.
- Gunn C.B. (1967) *Provenance of Diamonds in the Glacial Drift of the Great Lakes Region, North America*. M. Sc. Thesis, University of Western Ontario, London, Ontario (cited in Gunn, 1968 and Brummer, 1978).
- Gunn C.B. (1968) Relevance of the Great Lakes discoveries to Canadian diamond prospecting. *Canadian Mining Journal*, Vol. 89, No. 7, pp. 39–42.
- Johnston R.A.A. (1911) *Section of Mineralogy*. Summary Report of the Geological Survey Branch (1910), Canada Department of Mines, pp. 256–263.
- Johnston R.A.A. (1912) *Mineralogical Division*. Summary Report of the Geological Survey Branch (1911), Canada Department of Mines, pp. 360–364.
- Krajick K. (2001) *Barren Lands: An Epic Search for Diamonds in the North American Arctic*. W. H. Freeman, San Francisco.
- LeCheminant A.N., Bédard J.H. (1996) Diamonds associated with ultramafic complexes and derived placers. In A.N. LeCheminant, D.G. Richardson, R.N.W. DiLabio, and K.A. Richardson, Eds., *Searching for Diamonds in Canada*. Geological Survey of Canada, Open File 3228, pp. 171–176.
- Morton R.D., Stewart J.P., Bale W.C., Day R.C. (1993) A review of diamond occurrences and potentials in Alberta. In K.P.E. Dunne and B. Grant, Eds., *Mid-Continent Diamonds*, GAC-MAC Symposium Volume, Edmonton, Alberta, May 17–18, 1993. Mineral Deposits Division, Geological Association of Canada, pp. 101–104.
- Poitevin E. and Graham R.P.D. (1918) *Contributions to the Mineralogy of Black Lake Area, Quebec*. Canada Department of Mines, Geological Survey, Museum Bulletin No. 27, pp. 13-14.