

**CONFEDERATION MINERALS LTD.**

**43-101 COMPLIANT REPORT**

**ON THE**

**CONFEDERATION LAKE PROPERTY**

**RED LAKE MINING DISTRICT  
ONTARIO**

**Devon Corporation  
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November 28, 2007**

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## **Summary**

Confederation Minerals Ltd. (CML) optioned a substantial land position of 26 staked claims, comprising 184 staked units and covering 2,978 hectares, over a 18.5km by 4km length of the Archean Confederation Lake greenstone belt in the Red Lake Mining Division of Ontario.

The company was originally named Medina Ventures, but subsequently changed their name to Sienna Minerals Ltd. (Sienna), and then on April 11, 2007 changed it again to Confederation Minerals Ltd.

CML's property is favourably situated between the past producing South Bay Mine at the north-eastern boundary, and Tribute Mineral's Garnet Lake Discovery at the south-western boundary. The South Bay Mine was operated by Selco from 1971 to 1981 and mined 1.45 million grading 2.3% Cu, 14.7% Zn and 120.0g/t Ag. (Atkinson et al 1990). Tribute Minerals has reported a 43-101 compliant indicated resource (at a cut-off grade of 3% per cent zinc equivalent) of 2,070,288 tonnes grading 5.92% Zn, 0.75% Cu, 0.58 gpt Au and 21.1 gpt (G.S. Carter, P.Eng Sep. 4, 2007) This information has not been verified by the author, and is not necessarily indicative of any mineralization on the CML Property.

Minnova Inc. previously held most of the CML - Confederation Lake Property during the early 1990s. Their exploration objectives were to define the physical volcanology, the limits of hydrothermal alteration, and location of all syn-volcanic structures. The latter was postulated to focus hydrothermal alteration associated with the potential formation of volcanogenic massive sulfide (VMS) deposits on the Property.

During Minnova's exploration program, a total of 250 kms of geological mapping was completed and 1,992 rock samples were collected for litho-geochemical analysis. 25 of these samples were interpreted (by Minnova) as being anomalous. Minnova's work identified major syn-volcanic structures with andalusite and sillimanite hydrothermal alteration minerals. They believed that their results supported the model that a number of potential geological targets at depth capable of hosting massive sulfide deposits existed on the Property. Inmet Mining Corp., 1995-6, focused on VMS style potential that could be associated with the unexplored sodium depletion zone adjacent to a postulated West Graben fault located along the Confederation Lake shoreline. Their encouraging drill program resulted in the recommendation to continue following this model southwards where a significant prospective area is hosted within the CML Confederation Lake Property.

According to Public Work Assessment files, previous workers would appear to have conducted thorough exploration over most of the Property using the best exploration methods of the day. They subsequently concluded that the discovery of new, economic massive sulphide deposits within 100 meters of surface had been substantially eliminated from prospective areas.

An integrated 3D computer modeling-based exploration approach is now recommended using tools not available to previous workers. In addition to the computer modeling of the extensive data collected by previous workers, it is further recommended that target vectoring employ a combination of new deep penetrating multi-element MMI soil geochemistry, and when appropriate new deep EM methods like the Titan24 system, to locate high potential drill targets

at depth and in areas not previously considered to be prospective.

CML has conducted a minor amount MMI soil geochemistry on the property for the purpose of applying sufficient work credits to maintain their claims in good standing. This preliminary exploration work has generated drill-worthy VMS Zn targets, thus advancing the property above the category of “early stage exploration property”. This report will serve to compile the history of work on the property and make recommendations for a next phase exploration program including diamond drilling.

### **Introduction and terms of Reference**

In May, 2006, **Sienna Minerals Inc.** (Sienna) contracted the author, **Garry K. Smith, P.Geo of Devon Corporation**, to prepare a 43-101 compliant report on their early stage exploration property in the Confederation Lake Area of north-western Ontario. Sienna subsequently changed their name on April 11, 2007 to **Confederation Minerals Ltd. (CML)**.

This report is intended to:

- support a TSX, Tier 2, 43-101 listing requirement
- compile the known exploration history on the property
- focus on outlining initial areas of high potential like possible strike extensions of the South Bay Mine and Tribute Arrow discovery,
- make recommendations for a first phase exploration program.

CML’s offices are located at Suite 1040 - 999 W. Hastings Street, Vancouver, B.C. ,V6C 2W2

The property consists of 26 claims containing 184 units in 2 isolated groups covering approximately 2,979 hectares. These groups are held under option from Perry English of Souris, Manitoba and Rubicon Minerals Corporation, a corporation having an office at Suite 1540, 800 West Pender Street, Vancouver, British Columbia, V6C 2V6 ,

### **Sources of Information and Disclaimer**

This report is based primarily on information available in the public domain publications of the Geological Survey of Canada, the Ontario Geological Survey (OGS), and public Assessment Work filed with, and maintained by, the Ontario Ministry of Natural Resources.

These public reports, listed in the History and References sections of this report, were for the most part written prior to the implementation of the standards relating to National Instrument 43-101. None of the historical work referred to in this report can be verified by the author, and therefore cannot be relied upon. However, as most of the historic body of work was prepared by persons

holding post-secondary degrees in geology or related fields, their reports are assumed accurate for general compilation purposes. No recommendations by the author will be based solely on historical records.

The Confederation Lake Property of Confederation Minerals Ltd. was innitially considered to be an early-stage exploration property without definite drill targets, and worthy of exploration for VMS hosted base metals and gold. However, preliminary work by the author, on behalf of the Company, has generated drill-worthy VMS style Zn targets that will be discussed in the recommendations section of the report.

### **Reliance on Other Experts**

**The author is not a qualified person for the purpose of commenting on certain corporate legal matters and therefore includes the following disclaimer of responsibility.**

With regard to:

Option Agreement between Medina Ventures and Perry English / Rubicon Minerals, dated Feb. 10, 2006

Corporate name change from Medina Ventures to Sienna Minerals, dated Apr. 26, 2006

Acceptance by Perry English / Rubicon Minerals and Sienna Minerals of Amended Option Agreement reflecting name change and the re-staking of a lapsed claim, dated Aug. 31, 2006

Corporate name change from Sienna Minerals to Confederation Minerals Ltd, dated Apr. 11, 2007

Acceptance by Perry English / Rubicon Minerals and Confederation Minerals Ltd. of Amended Option Agreement reflecting name change, dated June 28, 2007

**The author has reviewed, but does not accept responsibility for, the legal correctness of those documents noted above pertaining to the Option Agreements and other subsequent amendments that would serve to demonstrate CML's clear title to the Property.**

However, it is the author's opinion that the documents in question would appear to demonstrate clear title provided that the terms of the Option Agreement are met by CML.

The author has in excess of 20 years experience conducting exploration for base and precious metals in the Property area, and has visited the Confederation Lake Property for the purpose of conducting a personal inspection on June 12-13, 2006, and again more recently June 21, 2007. The second visit was conducted to ensure that the personal inspection requirement for this 43-101 report is current.