MATERIAL CHANGE REPORT

To: British Columbia Securities Commission & Alberta Securities Commission
TSX Venture Exchange

Item 1. **Name and Address of Company** – **Sedex Mining Corp.**, Suite 711 – 675 West Hastings Street, Vancouver, B.C., Canada V6B 1N2

Item 2. **Date of Material Change** – September 23, 2010.

Item 3. **News Release** – News Release issued September 23, 2010 at Vancouver, BC.

Item 4. **Summary of Material Changes – Sedex Mining Corp. (TSX-V: SDN)** (the "Company") announces it will be consolidating its shares to enable it to raise funds to aggressively explore a number of priority gold targets.

Item 5. **Full Description of Material Change** – **Sedex Mining Corp.** (TSX-V:SDN) (the "Company") announces it will be consolidating its shares to enable it to raise funds to aggressively explore a number of priority gold targets.

Post-consolidation, the Company will focus its exploration resources on projects with the highest gold potential. The Tannahill, a joint-venture gold project with Abitibi Mining Corp., as well as a number of properties in the West Timmins district, are slated for immediate exploration. Past drilling on the Tannahill include 5.16 g/t gold over 5.0 meters and 7.02 g/t gold over 3.7 meters, early indications that this project has significant gold potential.

The Board of Directors (the "Board") has unanimously approved a consolidation of its share capital on the basis of one (1) new common share for up to every existing ten (10) common shares (the "Consolidation"), subject to approval of the shareholders of the Company and regulatory approval. Where the exchange results in a fractional share, the number of common shares will be rounded to the nearest whole common share. The Board believes that the Consolidation will enhance the marketability of the common share as an investment and should facilitate additional financings to fund future operations. Shareholder approval of the proposed Consolidation will be sought at the Company's upcoming Special Meeting of shareholders to be held on October 18, 2010. The record date for the proposed Consolidation will be set subsequent to both the requisite shareholder and regulatory approvals being obtained. The Company currently has a total of 144,043,565 common shares issued and outstanding and no preferred shares. In the event the required shareholder and regulatory approvals are obtained and the Company effects the full one (1) new common share for every existing ten (10) common shares Consolidation, the Company would have a total 14,404,357 common shares issued and outstanding.

Item 6. **Reliance on Section 7.1(2) or (3) of National Instrument 51-102** – Not applicable.

Item 7. **Omitted Information** – The undersigned is aware of no information of a material nature that has been omitted.

Item 8. **Executive Officer** – Mr. Richard Hughes, President of the Issuer, is knowledgeable about the material change and this report. He can be contacted at (604) 685-2222.

Item 9. **Date of Report** – Dated at Vancouver, British Columbia, this 23rd day of September 2010.