

# MANAGEMENT DISCUSSION AND ANALYSIS

FOR THE THREE MONTHS ENDED:

**DECEMBER 31, 2007** 

**REPORT DATED: FEBRUARY 22, 2008** 

This discussion and analysis of financial position and results of operations of North American Tungsten Corporation Ltd. The "Management Discussion and Analysis" (MD&A) is prepared as of February 22, 2008, and should be read in conjunction with the consolidated financial statements for the period ended December 31, 2007 and with the audited consolidated financial statements for the fiscal year ended September 30, 2007. This MD&A reviews the business of North American Tungsten Corporation Ltd. and compares the Company's financial results for the quarter ended December 31, 2007 (Q1 2008) with those of the quarter ended December 31, 2006 (Q1 2007). The financial position at December 31, 2007 is compared with the financial position as of September 30, 2007. In this discussion, unless the context otherwise dictates, a reference to North American Tungsten, NATC, or the Company refers to North American Tungsten Corporation Ltd. and its subsidiaries. Additional information relating to the Company including its Annual Information Filing is available on SEDAR at www.sedar.com.

The information contained in this report updates management's discussion and analysis for the year ended September 30, 2007 and for material changes that have taken place. The September 30, 2007 report should be consulted to gain a complete understanding of management's discussion and analysis of the Company.

# **Caution on Forward-Looking Information**

Management's discussion and analysis contain forward-looking statements, including statements regarding the business and anticipated financial performance of the Company. These statements are not guarantees of the Company's future performance and are subject to risks, uncertainties and other important factors that could cause the corporation's actual performance to be materially different from those projected. Given the uncertainties associated with forward-looking information, the reader should not place undue reliance on the forward-looking information.

A glossary of terms is affixed

# Highlights Q1 2008

- Mactung moved to the feasibility study stage, employing consultants and additional staff.
- High grade exploration drilling results at the Cantung Mine including an 88.8 ft intercept @ 3.26% WO3.
- Cantung production below target disappointing diluted ore grades from pillars.
- Tolling arrangement in China to upgrade flotation concentrate to APT.
- Independent engineering audit and review of the Tungsten Joint Venture pilot plant commenced.
- The net loss was \$3.95 million in the quarter compared to a net loss of \$0.8 million in Q1 2007.
- \$1.9 million was invested in fixed assets and mineral properties in the current quarter (Cantung \$1.1, US Plant \$0.5 and Mactung \$0.3)
- Quarter end working capital was \$7.5 million compared to \$12.6 million at September 30, 2007.

# Operations

North American Tungsten Corporation Ltd. (the "Company") is engaged in tungsten mining and related activities including acquisition, exploration, and development and processing of ores and concentrates. The

Company owns the operating Cantung mine in the Northwest Territories; the Mactung mineral property on the border of the Yukon Territory and the Northwest Territories; other tungsten exploration prospects; and, through a subsidiary, a development-stage processing facility in Minnesota, USA. The Company is one of the most significant suppliers of tungsten concentrates in North America.

The Company continued to focus on the development of the Mactung property. During the first quarter of 2008, Wardrop Engineering initiated the feasibility study with a number of trade-off studies to optimize the operational design and capital cost for the project. Specifically tailings deposition, road access routes and alternative power supply options are being studied. EBA Engineering is providing geotechnical engineering and environmental services to the project. Scott Wilson RPA will conduct the independent audit of the mineral reserve and mine plan. Initial mine planning and process flow sheet development has been started. The completion of the feasibility study is scheduled for late calendar 2008.

In the area of product development, North American Tungsten owns and operates tungsten processing pilot plant in Minnesota that is developing methods to process tungsten concentrate into ammonium paratungstate (APT) and powders. The process technology has completed its final phase of pilot-scale development. The Company retained an independent engineering firm in early 2008 to conduct an engineering assessment of the pilot plant process technology. The Company will evaluate the operational role of the plant shortly thereafter.

The Cantung mine did not meet targeted production in Q1 2008 which resulted in the \$3.9 million net loss for the company as a whole. Every effort is being made by Cantung management to improve grade control and meet targets from its mining operation.

### **Overall Performance**

# Mine Operations

The Cantung mine, located on the western border of the Northwest Territories, is the Company's sole operating mine. For the period Q1 2008, the mine produced 65,297 metric tonne units (mtus) of tungsten concentrate compared with 60,584 mtus for the quarter Q1 2007.

Sales revenues for Q1 2008 were \$11.8 million from 61,464 mtus of WO3 contained in concentrate compared to revenues of \$13.7 million from sales of 62,531 mtus in Q1 2007. Revenues were significantly impacted by the strength of the Canadian dollar against its US counterpart, together with marginally lower sales volumes and commodity prices.

During the quarter, additional cut and fill areas in the mine were developed to provide a more balanced feed to the mill with less reliance on long hole mining methods. Maintaining a "protective ore skin" around the long hole pillars being extracted continued to be the focus of the grade control program. Grade control was also augmented by chip and muck sampling and close visual observation of ore faces and muck piles by the geology department. The installation of additional ground support in the form of 30 foot long cable bolts continued in wide stoping areas and areas requiring rehabilitation.

For the quarter, long-hole stoping accounted for 64% of the ore mined. Mining by conventional cut and fill methods was 10% of the total. Development mining in ore, principally in the Main Zone and South Flats, provided the remaining 26% of the mined ore.

The surface low grade stockpile contained 8,912 tons and the surface high grade stockpile contained 2,100 tons at the end of the quarter.

During the quarter, the contract diamond drill continued working on the 3700 level in the West Extension. Results have been positive as indicated in previous press releases and an expanded program is planned for the remainder of the year.

Testing of a pilot scale 20 foot high column cell on scheelite flotation circuit tailings was completed during the quarter. Recovery of a very fine scheelite to a low grade concentrate was successful. Engineering design of a full scale unit and price quotations from the vendor have been requested.

The main CAT 3612 power generation unit had minor operating problems during the quarter that were resolved with the machine operating satisfactorily at quarter end.

For the three months ended December 31, 2007 the mill processed 94,916 tons of ore (2006 -92,341) at a grade of 1.03% WO3 (2006 – 1.04% WO3) and recoveries were 73.6% (Q1 2007 – 69.6%).

## Mactung

The feasibility study for the Mactung Project commenced in the quarter. Wardrop Engineering, EBA Engineering and Scott Wilson Roscoe Postle Associates ("Scott Wilson-RPA") were engaged as the principal consultants and the project team was strengthened with the addition of specialized staff. A National Instrument 43-101 compliant report on the Mactung tungsten deposit was prepared by Scott Wilson Roscoe Postle Associates Inc. in 2007. The Report is filed on Sedar (www.sedar.com).

## APT and Tungsten Powder Development

The development of the process technology at the Minnesota pilot plant to convert scheelite ore from the Cantung mine is now complete. In accordance with it's previously announced plans the Company initiated an independent engineering study in early 2008 of the pilot plant process technology. The Company continues to successfully sell small quantities of APT produced at the pilot plant into the U.S. market.

The Company has entered into a tolling (concentrate upgrading) arrangement within China to toll flotation concentrates to APT on the Company's behalf. The first sales of APT were realized in January 2008. Concurrently the Company has entered into a marketing agreement with Cathay Resources Corporation to market the APT material within Asia. The Company is also exploring additional value added tolling arrangements to enhance cash margins on its concentrates.

# Other Mineral Properties

### Jennings (formerly Tootsee River) Property

On January 7, 2008 the Company announced that Agnico-Eagle Mines Limited exercised its option to increase its interest in the Jennings tungsten/molybdenum property from 50% to 70% via C\$4 million in exploration expenditure by December 31, 2010. The Jennings property agreement was established on April 25, 2006 whereby Agnico-Eagle Mines Limited agreed to spend C\$400,000 on exploration to acquire an initial 50% of the Jennings tungsten/molybdenum property (formerly the Tootsee River property) located on the BC-Yukon border about 85 kilometers west of Watson Lake, Yukon, Canada. North American Tungsten may elect to form a participating Joint Venture or convert its 30% working interest to a 2.5% NSR from two months after Agnico-Eagle Mines Limited has fulfilled its C\$4 million expenditure requirement. Agnico Eagle released drill results from their drill program which indicated tungsten (WO3) grades of up to 0.120% and molybdenum (MoS2) grades of up to 0.167%.

## Other Properties

Limited work was undertaken on the Three Ace claims, Rifle Range Creek and the Bailey claims in the quarter. The exploration programs on these properties will be given low priority in the short term as the Company focuses on developing the Mactung property.

# Markets and Foreign Exchange

The Company's earnings continue to be adversely impacted by weakening commodity prices and a strong Canadian dollar.

The average monthly price of ammonium paratungstate (APT) per mtu declined 4.2% from US \$245.00/mtu at December 31, 2006 to US \$234.67/mtu at December 31, 2007. The average APT price for Q1 2008 was US \$241/mtu compared to \$252 for the Q1 2007. Sales of concentrate averaged US dollars \$194/mtu for Q1 2008 or 80% of the average APT price compared to \$193 or 77% of the average quarterly APT price for Q1 2007.

The average exchange value of the Canadian dollar, as realized for sales for the quarter, was US\$1.01. This compared to US\$0.88 for the quarter ended December 31, 2006. The free market APT quotation at December 31, 2007 was US \$233/ mtu, the quotation at February 13, 2008 was \$235.50. Industry publications indicated that effective January 1, 2008 China has raised export taxes on APT from 5 percent to 10 percent; the Company expects that this will exert upward pricing pressures on Western tungsten commodity prices. (*Metal Bulletin average European quotation for APT*). Reports by various industry publications also indicate that as a result of recent severe winter storms in the Chinese provinces of Hunan and Jiangxi some tungsten mines have been shut down as a result of power shortages. Indications are that some of the affected mines may not resume operations until March; as a result of these events several traders have forecasted an increase in APT prices after the Chinese New Year holiday.

	2003 Decem		004 ember	2005 cember	20 Dece		_	007 ember
APT European Metal Bulletin Price	9							
Average Quarterly Prices								
APT Free Market Average \$US	\$	64	\$ 94	\$ 263	\$	252	\$	241

#### **Financial Review**

The net loss for Q1 2008 was \$3,952,593 compared to a loss of \$810,937 due in part to a significantly stronger Canadian dollar (US \$1.01 in the quarter as compared to US \$0.88) for Q1 2007. Minesite cost of sales was \$13,432,123 compared to \$13,164,509 in 2006. The gross operating margin decreased from \$211,421 in Q1 2007 to a negative \$2,027,136 in Q1 2008 due primarily to lower sales realizations per mtu in Q1 2008. While US dollar market prices were marginally lower, the major factor was the change in the exchange value of the Canadian dollar.

	Q1 2008	Q1 2007
Gross Margin Costs (\$ 000'S)		
Tungsten Sales	\$ 11,786	\$ 13,742
Minesite cost of sales	13,432	13,165
Freight, handling & storage	278	242
Royalties	103	124
Gross Margin	\$ (2,027)	\$ 211

There was an increase in tons milled from 92,341 in Q1 2007 to 94,916 in Q1 2008. Mill feed grade was below plan but was stable at 1.03% for Q1 2008 compared to 1.04% in Q1 2007. Metallurgical recoveries improved to 73.56% up from 69.60% in the corresponding quarters helped by continued improvements that have been made in the operation of the mill.

Although demand for the Company's tungsten concentrates has remained strong there have been continued significant adverse effects on Canadian dollar revenues from the strengthened exchange rate. Average prices realized in Canadian dollars were close to CAN\$192/mtu in Q1 2008 compared to CAN\$220/mtu in Q1 2007.

Cash outflow from operations before changes to non-cash working capital was \$2,777,510 for Q1 2008 compared to \$127,112 for Q1 2007.

Audited information for the fiscal years			
	2007	2006	2005
Earnings and Cash Flow			
Total Revenues	\$ 59,420,492	\$ 51,344,451	\$ 158,464
Cash flow from operations	3,094,175	(1,429,183)	(6,167,486)
Net Income (Loss)	(1,203,150)	(2,654,918)	7,062,936
Earnings per share	(0.01)	(0.03)	0.10
Earnings per share - diluted	(0.01)	(0.03)	0.09
Balance Sheet			
Total assets	\$ 48,759,045	\$ 31,852,777	\$ 20,569,893

### Revenues

Total sales revenues were \$11,785,882 for the three months from sales of 61,464 mtus, compared to \$13,741,640 on sales of 62,531 mtus in Q1 2007. The decrease in sales values resulted from the appreciation of the Canadian dollar against its US dollar counterpart, together with marginally lower sales volumes and \$US prices.

Interest income earned in Q1 2008 rose to \$93,032 compared to \$7,566 during Q1 2007 as a result of higher average cash balances.

**Expenses** 

Mine operating costs were as follows:

	Q1 2008	Q1 2007
Operating Costs (\$ 000'S)	\$	\$
Mining	5,888	5,192
Milling	1,957	2,726
Plant & Site Services	3,687	3,803
Site Administration	2,230	1,401
Total Operating Costs	13,762	13,123
Mtus produced	65,297	60,584
Cost per mtu	\$ 210.76	\$ 216.61
Tons Milled	94,916	92,341
Feed Grade %	1.03	1.04
Recovery %	73.56	69.60

Operating costs increased 5 percent from \$13.1 million in Q1 2007 to \$13.8 million in Q1 2008 primarily as a result of cost increases in fuel and labor.

Amortization and depreciation increased substantially to \$1,092,075 from \$551,681 in Q1 2007. The increase reflects higher capital expenditures at the Cantung mine, particularly for tailing impoundments in the final fiscal quarter of 2007. Amortization is based on established ore reserves and does not take account of additional tonnages that may be added to reserves in future.

	_	Q1 2008	Q1 2007
GENERAL AND ADMINISTRATIVE			
Fees, wages and benefits	\$	443,813 \$	267,169
Office expenses		74,764	64,520
Investor relations and business developme	nt	77,316	3,781
Accounting and audit		48,000	20,891
Legal fees		21,690	32,471
Travel		17,205	29,947
Consulting		11,624	54,212
Filing fees and transfer agent fees		2,108	2,129
Miscellaneous		-	(7,952)
	\$	696,520 \$	467,168

The increase in general and administration expenses was principally due to additional salaries and fees, reflecting an upgrading of the organization and increase in management staff. There was an increase in activity in business development, resulting in higher investor relations and business development costs. Accounting and audit expenses reflected increased audit costs.

Stock based compensation was \$53,703 in Q1 2008 as compared with \$98,071 in Q1 2007.

A gain on disposal of mining equipment for \$17,500 in Q1 2008 was also recognized.

As a result of the appreciation of the Canadian dollar against US currency, foreign exchange losses on US working capital increased from a gain of \$139,490 in Q1 2007 to a loss of \$117,079 in Q1 2008, principally due to losses on accounts receivable in respect of concentrate sales which are all denominated in US currency.

## Financial Position and Liquidity

## Operating Cash Flow

Cash outflow from operations before changes in non-cash working capital was \$2,777,510 in Q1 2008 as compared to \$127,112 during Q1 2007, as a result of increased production costs and lower effective sales revenues. Increased investment in working capital items including higher inventories and lower accounts payable (exclusive of payables for capital expenditures), used \$1,966,331 of cash in Q1 2008 compared to generating \$1,437,113 during Q1 2007. Cash out flows from operations after changes in non cash working capital were \$4,743,841 compared to cash in flow of \$1,310,001 in 2006.

## **Investing Activities**

Cantung mine capital expenditures were \$1,125,839 in Q1 2008 compared to \$1,331,577 in Q1 2007. Capital additions at the mine were primarily related to the tailings ponds, mine, surface & administration equipment.

At the US pilot plant facility, capital additions and development costs totaled \$499,190 for the three months compared to \$818,150 in Q1 2007.

Mactung exploration and project related costs were \$334,808 funded in part with the receipt of \$40,000 in territorial government incentives. Exploration and other property related expenditures totaled \$2,292.

Under the terms of the water license and reclamation security agreement the Company posted \$500,000 in cash security in November 2007.

### **Financing Activities**

During the three months the exercise of options net of share issue costs generated \$145,625 compared to \$34,840 in 2006.

## Cash Resources and Liquidity

At December 31, 2007, the Company had working capital of \$7,544,202, including cash and cash equivalents balances of \$4,989,778. The Company also has a \$1 million credit line with a commercial bank which may be used to finance export sales. Working capital and cash flow from operations are not expected to be adequate. The Company will be required to raise additional capital for exploration and development at Cantung (to establish and develop higher grade ore reserves) and to progress the Mactung project through feasibility until its development as an operating mine.

The Company does not use hedges or other financial derivatives.

# Quarterly Earnings and Cash Flow

	2006				2007					
Quarterly Earnings	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1		
and Cash Flow	\$	\$	\$	\$	\$	\$	\$	\$		
Total Revenues	17,405,701	11,469,730	14,286,941	13,749,206	13,958,061	17,740,901	13,972,323	11,878,914		
Net Income (loss)	228,542	(1,114,427)	607,204	(810,938)	10,798	2,627,275	(3,030,285)	(3,952,593)		
Earnings (loss) per share	-	(0.01)	0.01	(0.01)	-	0.02	(0.03)	(0.03)		
Cash flow from										
continuing operations	1,118,299	17,013	801,119	(127,113)	732,918	3,413,591	68,722	(2,777,510)		

### Outlook

For the long term, the Company expects that the development of the Mactung project will enhance the Company's position as a premier supplier of tungsten concentrates in world markets. Production from the Cantung mine may permit the Company to maintain its market share until Mactung production commences, however this will depend on the ability of the Cantung mine to increase its ore reserves through its current underground and surface exploration efforts. The Cantung mine is currently experiencing a period of low grade ore supply predominately as a result of dilution related to recoveries of pillars The Company is currently preparing plans to advance exploration and development to the 3700 to 3776 levels and below the 3700 workings. As reported in the news release dated January 28, 2008 diamond drilling results highlights included intercepts of 88.8 ft @ 3.26% WO3; 140 ft @ 1.46% WO3; 12.3 ft @ 2.53% and 17.3 ft @ 2.90% WO3.

The feasibility study for the Mactung project has commenced in the 2008 fiscal year. Based on the completed Economic Update Study of previous feasibility estimates a 2000 tonne per day mine and mill operation may be the best option. The feasibility study is scheduled for completion in late calendar 2008.

During fiscal 2008 it is expected that engineering studies of the Minnesota pilot plant will permit the Company to plan further developments based on its new technology on the project.

### Other Information

# **Outstanding Share Data**

As at January 23, 2008 there were 122,656,725 common shares outstanding. In addition, there were 7,671,967 stock options outstanding with exercise prices ranging between \$0.12 and \$1.85 per share. Share purchase warrants outstanding were 447,126 with an exercise price of \$1.40 and were issued on May 29, 2007.

### Critical Accounting Estimates

There are no changes to critical accounting estimates from those previously presented for September 30, 2007 in the Annual Management Discussion and Analysis dated January 25, 2008.

# Changes in Accounting Policies

Effective October 1, 2007, the Company adopted the following accounting standards issued by the Canadian Institute of Chartered Accountants ("CICA"). These new standards have been adopted on a prospective basis with no restatement to prior period financial statements.

## (a) Accounting Changes (Section 1506)

This standard establishes criteria for changing accounting policies, together with the accounting treatment and disclosure of changes in accounting policies, changes in accounting estimates and correction of errors. As a result, changes in accounting policies are only permitted when required by a primary source of GAAP or when the change will result in more reliable and more relevant information.

## (b) Capital Disclosures (Section 1535)

This standard requires disclosure of an entity's objectives, policies and processes for managing capital, quantitative data about what the entity regards as capital and whether the entity has complied with any capital requirements and, if it has not complied, the consequences of such non-compliance.

The Company's objectives when managing capital are to safeguard the Company's ability to continue as a going concern, so that it can provide returns for shareholders and benefits for other stakeholders, and to bring the Mactung project to commercial production.

The capital structure of the Company currently consists of common shares, flow through common shares and warrants. The Company manages the capital structure and makes adjustments to it in the light of changes in economic conditions and the risk characteristics of the underlying assets. In order to maintain or adjust the capital structure, the Company may issue new shares through private placements, or sell assets to fund operations. The Company is not subject to externally imposed capital requirements.

# (c) Financial Instruments – Disclosure (Section 3862) and Presentation (Section 3863)

These standards replace CICA 3861, Financial Instruments – Disclosure and Presentation. They increase the disclosures — currently required, which will enable users to evaluate the significance of financial instruments for an entity's financial position and performance, including disclosures about fair value. In addition, disclosure is required of qualitative and quantitative information about exposure to risks arising from financial instruments, including specified minimum disclosures about credit risk, liquidity risk and market risk. The quantitative disclosures must provide information about the extent to which the entity is exposed to risk, based on information provided internally to the entity's key management personnel

### Contractual and Other obligations

	months ending ber 30, 2008	Payme	ents	nts due in years ended September 30,					
Contractual Obligations	2008	2009		2010		2011		2012	TOTAL
Water License	\$ - \$	500,000	\$	-	\$	-	\$	- \$	500,000
Mactung leases	5,280	8,126		8,126		8,126		8,126	37,784
Cantung leases	17,932	45,325		45,325		45,325		45,325	199,232
Equipment loans & leases	297,913	385,991		377,322		356,619		92,292	1,510,137
Office Lease-Whitehorse	4,796	-		-		-		-	4,796
Office Lease-Vancouver	86,871	115,828		119,605		128,418		134,713	585,435
	\$ 412,792	\$ 1,055,270	\$	550,378	\$	538,488	\$	280,456 \$	2,837,384

## Water License

On December 5, 2003 the Company received notification from the Mackenzie Valley Land and Water Board ("MVLWB") of the renewal of the Company's type "A" Water License ("license"). The license has been approved for a period of five (5) years commencing November 30, 2003 and expiring November 29, 2008.

The original security deposit required under the Company's prior license was \$900,000 (which was and is posted in support of the license). The renewed license (issued on December 5, 2003) required the Company post an additional security deposit of \$7,000,000 over time. The obligations to post the initial \$1,500,000 security deposit and the November 29, 2004 \$1,500,000 security deposit were stayed by the CCAA proceedings. Subsequently, the Company negotiated the terms of the form of security deposit with the Department of Indian Affairs and Northern Development ("DIAND"), which has jurisdiction over such an arrangement and to whose benefit the deposits are to be posted, and entered into the Reclamation Security Agreement ("RSA") dated effective May 31, 2005.

As at December 31, 2007, the Company has posted a total of \$3,200,000 in cash and \$4,700,000 in the required form of a secured promissory note pursuant to the RSA. The total security posted in favour of DIAND is \$7,900,000 which fulfills the security requirements of the Water License up to November 30, 2007. The amounts owing are secured against the Company's assets by way of a General Security Agreement ("GSA").

The Reclamation Security Agreement provides for the cash components payable to DIAND to increase under certain events and the Reclamation Security Agreement further provides for \$500,000 of the required form of security to be replaced by \$500,000 in cash or letter of credit on November 29, 2008

Any funds in excess of ultimate reclamation costs will be returned to the Company.

The asset retirement obligations have been recorded as a liability at fair value. The updated estimate assuming a credit adjusted risk-free discount rate of 4.19% and an inflation factor of 2.24% effective October 1, 2006.

Opening asset retirement obligation - September 30, 2007	\$ 3,402,697
Total accretion during the period	42,624
Closing asset retirement obligation – December 31, 2007	\$ 3,445,321

## **Related Party Transactions**

Office equipment rental and purchases of \$4,251 (2007 - \$35,022) were transacted with an officer of the Company.

## **Internal Controls**

The Company's management is responsible for establishing and maintaining adequate internal control over financial reporting. Any system of internal control over financial reporting, no matter how well designed, has inherent limitations. Therefore, even those systems determined to be effective can provide only reasonable assurance with respect to financial statement preparation and presentation.

There has been no change in the Company's internal control over financial reporting during the Company's first quarter ended December 31, 2007 that has materially affected, or is reasonably likely to materially affect, the Company's internal controls over financial reporting.

#### **Risks and Uncertainties**

The Company is a mineral exploration and development company and it is exposed to a number of risks and uncertainties that are common to other companies in the same business; some of these risks have been discussed elsewhere in this report. The reader should also refer to the discussion of risks contained in the Annual Information Form for the year ended September 30, 2007 which is available on SEDAR at <a href="https://www.sedar.com">www.sedar.com</a>. Should on or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in forward-looking statements

# **GLOSSARY OF TERMS**

APT ammonium paratungstate is an intermediate product which is one of the principal chemical

forms in which tungsten is traded

concentrates the valuable fraction of an ore that is left after worthless material is removed in processing

MTU metric tonne unit of 1 percent of a metric tonne (22.046 pounds) of contained WO3

scheelite A brown tetragonal mineral, CaWo<sub>4</sub>. It is found in pneumatolytic veins associated with

guartz, and fluoresces to show a blue color. Scheelite is a mineral of tungsten

STU short ton unit of 20lbs. WO3 contained in concentrate

Ton equal to 2,000 pounds

Tonne a metric unit equal to 2,204.6 pounds

Tungsten concentrates generally containing between 40 and 75 percent WO 3

concentrates

W the elemental symbol for tungsten

WO<sub>3</sub> tungsten tri-oxide (containing 79.33% W) a compound of tungsten and oxygen.