

ITRONICS INC  
Form 10-Q  
May 15, 2008

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
FORM 10-Q

(Mark One)

QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2008

TRANSITION REPORT UNDER SECTION 13 OR 15(d) OF THE EXCHANGE ACT

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 33-18582

ITRONICS INC.

(Exact name of registrant as specified in its charter)

TEXAS

75-2198369

(State or other jurisdiction of  
incorporation or organization)

(IRS Employer Identification Number)

6490 S. McCarran Blvd., Bldg C-23, Reno, Nevada 89509

(Address of principal executive offices)

Registrant's telephone number, including area code: (775)689-7696

Indicate by checkmark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Exchange Act during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements during the past 90 days. Yes (x) No ( )

Indicate by checkmark whether the registrant is a large accelerated, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ( )

Accelerated filer ( )

Non-accelerated filer ( ) (Do not check if a

Smaller reporting company (X)

Smaller reporting company)

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Indicate by checkmark whether the registrant is a shell company ( as defined in Rule 12b-2 of the Exchange Act). Yes ( ) No (X)

As of April 30, 2008, 999,996,999 shares of common stock were outstanding.

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ITRONICS INC. AND SUBSIDIARIES

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### PART I - FINANCIAL INFORMATION

#### Item 1. Financial Statements

##### ITRONICS INC. AND SUBSIDIARIES

##### CONDENSED CONSOLIDATED BALANCE SHEETS

MARCH 31, 2008 AND DECEMBER 31, 2007

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ASSETS

|  | March 31,<br><u>2008</u> | December 31,<br><u>2007</u> |
|--|--------------------------|-----------------------------|
|  | (Unaudited)              |                             |
| CURRENT ASSETS   |                          |                             |
| Cash   | \$ 241,667               | \$92,987                    |
| Accounts receivable, less allowance for<br>doubtful accounts, 2008, \$4,600; 2007, \$4,600 | 162,983                  | 17,561                      |
| Inventories  | 836,278                  | 889,996                     |
| Prepaid expenses   | 60,671                   | 94,952                      |
| Total Current Assets   | 1,301,599                | 1,095,496                   |
| PROPERTY AND EQUIPMENT   |                          |                             |
| Land   | 215,000                  | 215,000                     |
| Building and improvements  | 1,312,409                | 1,312,409                   |
| Design and construction in progress,<br>manufacturing facility                             | 105,609                  | 97,110                      |
| Equipment and furniture  | 2,881,247                | 2,879,938                   |
| Vehicles   | 222,298                  | 222,298                     |
| Equipment under capital lease—equipment and furniture                                      | 466,571                  | 466,571                     |
|  | 5,203,134                | 5,193,326                   |
| Less: Accumulated depreciation and amortization  | 2,387,923                | 2,341,004                   |
| Total Property and Equipment   | 2,815,211                | 2,852,322                   |
| OTHER ASSETS   |                          |                             |

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|   |             |             |
|---|-------------|-------------|
| Intangibles   | 76,500      | 76,500      |
| Deferred loan fees, less accumulated amortization 2008,<br>\$358,486; 2007, \$521,727 | 315,070     | 323,042     |
| Deposits  | 8,508       | 8,508       |
| Total Other Assets  | 400,078     | 408,050     |
|   | \$4,516,888 | \$4,355,868 |

The accompanying notes are an integral part of these financial statements

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LIABILITIES AND STOCKHOLDERS' EQUITY (DEFICIT)

|  | March 31,<br><u>2008</u> | December 31,<br><u>2007</u> |
|--|--------------------------|-----------------------------|
|  | (Unaudited)              |                             |
| CURRENT LIABILITIES  |                          |                             |
| Accounts payable   | \$ 771,207               | \$ 672,163                  |
| Accrued management salaries                                  | 862,034                  | 779,873                     |
| Accrued expenses   | 255,601                  | 272,267                     |
| Insurance contracts payable                                  | 27,222                   | 13,761                      |
| Interest payable to officer/stockholders                     | 208,084                  | 157,181                     |
| Interest payable, long-term debt and lease obligations       | 224,406                  | 225,533                     |
| Current maturities of long-term debt                         | 429,305                  | 436,523                     |
| Current maturities of capital lease obligations              | 426,755                  | 463,996                     |
| Advances from stockholder                                    | 188,025                  | 143,025                     |
| Current maturities of convertible notes and accrued interest | 3,603,793                | 3,497,838                   |
| Convertible debt derivatives                                 | 16,514,068               | 13,003,762                  |
| Warrant and option liability                                 |                          |                             |

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|  |              |              |
|--|--------------|--------------|
|  | 760,493      | 231,224      |
| Other  | 170,746      | 40,498       |
| Total Current Liabilities  | 24,441,739   | 19,937,644   |
| LONG-TERM LIABILITIES  |              |              |
| Long-term debt, less current maturities  | 80,379       | 82,197       |
| Capital lease obligations, less current maturities   | -            | -            |
| Total Long-Term Liabilities  | 80,379       | 82,197       |
| Commitments and Contingencies (see Note 4)   | -            | -            |
| Total Liabilities  | 24,522,118   | 20,019,841   |
| STOCKHOLDERS' EQUITY (DEFICIT)   |              |              |
| Preferred stock, par value \$0.001 per share;<br>authorized 999,500 shares; issued and outstanding<br>2007, 0 shares; 2006, 0 shares                             | -            | -            |
| Common stock, par value \$0.001 per share;<br>authorized 1,000,000,000 shares; issued and<br>outstanding,<br>999,996,999 at March 31, 2008 and December 31, 2007 | 999,997      | 999,997      |
| Additional paid-in capital   | 24,705,967   | 24,692,645   |
| Accumulated deficit  | (46,502,758) | (42,143,980) |
| Common stock to be issued  | 791,564      | 787,365      |
| Total Stockholders Equity (Deficit)  | (20,005,230) | (15,663,973) |
|  | \$4,516,888  | \$4,355,868  |

The accompanying notes are an integral part of these financial statements.

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CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS  
FOR THE THREE MONTHS ENDED MARCH 31, 2008 AND 2007  
(UNAUDITED)

|   | Three Months Ended Mar. 31, |             |
|---|-----------------------------|-------------|
|   | <u>2008</u>                 | <u>2007</u> |
| REVENUES  |                             |             |
| GOLD n GRO fertilizer   | \$597,289                   | \$527,902   |
| Mining technical services   | 55,842                      | 4,953       |
| Total Revenues  | 653,131                     | 532,855     |
| COST OF REVENUES (exclusive of<br>depreciation and amortization<br>shown separately below)    |                             |             |
| GOLD n GRO fertilizer   | 517,167                     | 511,871     |
| Mining technical services   | 30,250                      | 8,063       |
| Total Cost of Revenues  | 547,417                     | 519,934     |
| Gross Profit (Loss) (exclusive<br>of depreciation and amortization<br>shown separately below) | 105,714                     | 12,921      |
| OPERATING EXPENSES  |                             |             |
| Depreciation and amortization   | 46,919                      | 52,229      |
| Research and development  | 78,329                      | 97,282      |
| Sales and marketing   | 192,856                     | 277,211     |
| Delivery and warehousing  | 31,569                      | 24,916      |
| General and administrative  | 199,412                     | 234,652     |

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|  |                    |                  |
|--|--------------------|------------------|
| Total Operating Expenses                     | 549,085            | 686,290          |
| Operating (Loss)                             | (443,371)          | (673,369)        |
| OTHER INCOME (EXPENSE)                       |                    |                  |
| Interest expense                             | (304,777)          | (281,676)        |
| Gain (loss) on derivative instruments        | (3,653,069)        | 142,389          |
| Gain on sale of investments                  | -                  | 344,291          |
| Debt forgiveness                             | 42,439             | -                |
| Total Other Income (Expense)                 | (3,915,407)        | 205,004          |
| Income (Loss) before provision               |                    |                  |
| <b>for income tax</b>                        | <b>(4,358,778)</b> | <b>(468,365)</b> |
| Provision for income tax                     | -                  | -                |
| Net Income(Loss)                             | (4,358,778)        | (468,365)        |
| Other comprehensive income (loss)            |                    |                  |
| Unrealized gains(losses) on                  |                    |                  |
| <b>securities</b>                            | -                  | 2,247            |
| Comprehensive Income (Loss)                  | \$(4,358,778)      | \$(466,118)      |
| Weighted average number of shares            |                    |                  |
| Outstanding (1,000 s)- Basic and diluted     | 999,997            | 358,591          |
| Earnings (Loss) per share, basic and diluted | \$(0.004)          | \$(0.001)        |

The accompanying notes are an integral part of these financial statements.

## ITRONICS INC. AND SUBSIDIARIES

## CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (DEFICIT)

FOR THE THREE MONTHS ENDED MARCH 31, 2008 AND THE YEAR ENDED DECEMBER 31, 2007

(UNAUDITED)

|  | <u>COMMON STOCK</u>                     |           | ADDITIONAL         |                        | COMMON                      |                          |               |
|--|---|-----------|--------------------|------------------------|-----------------------------|--------------------------|---------------|
|  | NUMBER<br>OF<br>SHARES<br><br>(1,000_s) | AMOUNT    | PAID-IN<br>CAPITAL | ACCUMULATED<br>DEFICIT | STOCK<br>TO<br>BE<br>ISSUED | STOCK<br>OPTIONS,<br>NET | TOTAL         |
| Balance,<br>Dec. 31,<br>2006                         | 337,582                                 | \$337,582 | \$23,305,788       | \$(31,661,456)         | 583,868                     | \$4,713                  | \$(7,429,505) |
| Issue of<br>common<br>stock:                         |   |           |                    |                        |                             |                          |               |
| For cash   |   |           |                    |                        |                             |                          |               |
| For services   | 99,274                                  | 99,274    | 588,713            | -                      | 217,097                     | -                        | 905,084       |
| For debt<br>conversion                               | 555,410                                 | 555,410   | 698,057            | -                      | (13,600)                    | -                        | 1,239,867     |
| For asset<br>acquisition                             | 7,731                                   | 7,731     | 100,087            | -                      | -                           | -                        | 107,818       |
| Net (loss)<br>for the year<br>ended Dec.<br>31, 2007 | -                                       | -         | -                  | (10,482,524)           | -                           | -                        | (10,482,524)  |
| Common stock<br>options<br>outstanding               | -                                       | -         | -                  | -                      | -                           | (4,713)                  | (4,713)       |
| Balance,<br>Dec. 31,<br>2007                         | 999,997                                 | 999,997   | 24,692,645         | (42,143,980)           | 787,365                     | -                        | (15,663,973)  |
| Issue of<br>common stock                             |   |           |                    |                        |                             |                          |               |
| For services   | -                                       | -         | 13,322             | -                      | 4,199                       | -                        | 17,521        |

Net (loss)  
for the

three months  
ended

Mar. 31,  
2008

- - - (4,358,778) - - (4,358,778)

Balance, 999,997 \$ 999,997 \$24,705,967 \$(46,502,758) \$ \$ - \$(20,005,230)  
Mar. 31, 2008 791,564

The accompanying notes are an integral part of these financial statements.

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ITRONICS INC. AND SUBSIDIARIES

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

FOR THE THREE MONTHS ENDED MARCH 31, 2008 AND 2007

(UNAUDITED)

|  | Three Months Ended Mar. 31, |             |
|--|-----------------------------|-------------|
|  | <u>2008</u>                 | <u>2007</u> |
| Cash flows from operating activities   |                             |             |
| Net loss   | \$(4,358,778)               | \$(468,365) |
| Adjustments to reconcile net loss to   |                             |             |
| <b>cash used by operating activities:</b>  |                             |             |
| Depreciation and amortization  | 92,691                      | 97,551      |
| Interest on convertible notes  | 182,206                     | 163,283     |
| (Gain) loss on change in fair value of derivative instruments                        | 3,653,069                   | (142,389)   |
| (Gain) on sale of investments  | -                           | (344,291)   |
| Addition of silver in solution inventory by offsetting photochemical processing fees | (61,269)                    | (66,354)    |

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|  |           |           |
|--|-----------|-----------|
| Stock and option compensation                | (16,141)  | 988       |
| (Gain) on debt forgiveness                   | (42,439)  | -         |
| Expenses paid with issuance of common stock: |           |           |
| Consulting expenses                          | 14,444    | 84,367    |
| Director fees                                | 3,000     | 7,388     |
| Salaries                                     | 54,117    | 72,737    |
| (Increase) decrease in:                      |           |           |
| Trade accounts receivable                    | (145,422) | (83,215)  |
| Inventories                                  | 114,987   | (23,738)  |
| Prepaid expenses, deposits and other         | (3,363)   | (34,307)  |
| Increase (decrease) in:                      |           |           |
| Accounts payable                             | 99,044    | (71,103)  |
| Accrued management salaries                  | 82,161    | 62,225    |
| Accrued expenses and other                   | 127,043   | 75,233    |
| Accrued interest                             | 58,690    | 37,888    |
| Net cash used by operating activities        | (145,960) | (632,102) |
| Cash flows from investing activities:        |           |           |
| Acquisition of property and equipment        | (9,808)   | (27,810)  |
| Sale of investments                          | -         | 205,938   |
| Net cash provided by investing activities    | (9,808)   | 178,128   |
| Cash flows from financing activities:        |           |           |
| Proceeds from officer/stockholder advances   | 45,000    | 8,000     |
| Proceeds from debt                           | 300,000   | 990,000   |

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|   |            |           |
|---|------------|-----------|
| Debt issuance costs                       | (27,800)   | (60,000)  |
| Bank overdraft                            | -          | (13,834)  |
| Payments on debt                          | (12,752)   | (63,402)  |
| Net cash provided by financing activities | 304,448    | 860,764   |
| Net increase in cash                      | 148,680    | 406,790   |
| Cash, beginning of period                 | 92,987     | -         |
| Cash, end of period                       | \$ 241,667 | \$406,790 |

The accompanying notes are an integral part of these financial statements.

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ITRONICS INC. AND SUBSIDIARIES  
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS  
FOR THE THREE MONTHS ENDED MARCH 31, 2008 AND 2007  
(UNAUDITED)

|   | Three Months Ended March 31, |             |
|---|------------------------------|-------------|
|   | <u>2008</u>                  | <u>2007</u> |
| Supplemental Disclosures of Cash Flow Information:    |                              |             |
| Cash paid during the period for interest              | \$18,108                     | \$ 38,515   |
| Non-cash financing and investing activities:          |                              |             |
| Marketable securities received for sale of investment | -                            | 138,353     |
| Common stock issued to settle:                        |                              |             |
| Convertible notes                                     | -                            | 108,807     |
| Acquisition of assets by issuance of common stock:    |                              |             |

|  |        |        |
|--|--------|--------|
| Equipment  | -      | 46,736 |
| Amounts withheld from proceeds of debt, unrelated: |        |        |
| Deferred loan costs                                | 10,000 | 10,000 |

The accompanying notes are an integral part of these financial statements.

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ITRONICS INC. AND SUBSIDIARIES

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

MARCH 31, 2008

(UNAUDITED)

1. The unaudited condensed consolidated financial statements presented herein have been prepared in accordance with the instructions to Form 10-Q and do not include all of the information and disclosures required by U.S. Generally Accepted Accounting Principles. Therefore, these financial statements should be read in conjunction with the consolidated financial statements and related footnotes included in the Company's Form 10-KSB for the year ended December 31, 2007. These financial statements reflect all adjustments that are, in the opinion of management, necessary to fairly state the results for the interim periods reported. All adjustments are of a normal recurring nature. Certain amounts from the prior period have been reclassified to be consistent with the current period presentation.

2. The Company's consolidated financial statements have been presented on the basis that it is a going concern, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company and its subsidiaries have reported recurring losses from operations, including a net loss of \$4,358,778 during the three months ended March 31, 2008, a working capital deficit of \$23,140,140, and a stockholders' deficit balance of \$20,005,230 as of March 31, 2008. These factors indicate the Company and its subsidiaries' ability to continue in existence is dependent upon their ability to obtain additional long-term debt and/or equity financing and achieve profitable operations. The consolidated financial statements do not include any adjustments relating to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities that might be necessary should the Company and its subsidiaries be unable to continue in existence. The results of operations for the three months ended March 31, 2008 are not necessarily indicative of the results to be expected for the full year.

3. Beginning in July 2005, the Company has arranged a series of callable secured convertible debt financings (Notes) with an accredited investment group totaling \$6,620,000. The Notes bear interest at rates ranging from 6% to 8% and are due three years from issuance. In connection with these financings, the Company has issued warrants to acquire common stock in varying amounts and at varying exercise prices. During 2007 the Company signed Notes that added accrued interest totaling \$342,171 to the outstanding principal balance. These Notes bear interest at 2% and have a three year term. Following is a summary of the financings:

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ITRONICS INC. AND SUBSIDIARIES

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

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MARCH 31, 2008

(UNAUDITED)

| <u>DATE</u>                            | <u>ORIGINAL<br/>PRINCIPAL<br/>AMOUNT</u> | <u>CONVERTED<br/>TO<br/>STOCK</u> | <u>PRINCIPAL<br/>BALANCE<br/>3/31/08</u> | <u>NUMBER OF<br/>WARRANTS<br/>ISSUED</u> | <u>WARRANT<br/>EXERCISE<br/>PRICE</u> |
|--|--|-----------------------------------|--|--|---------------------------------------|
| July 2005                              | \$1,250,000                              | \$1,250,000                       | \$ -                                     | 1,153,846                                | \$0.15                                |
| August 2005                            | 1,000,000                                | 175,645                           | 824,355                                  | 923,077                                  | \$0.15                                |
| January 2006                           | 500,000                                  | -                                 | 500,000                                  | 961,539                                  | \$0.15                                |
| February 2006                          | 500,000                                  | -                                 | 500,000                                  | 461,539                                  | \$0.15                                |
| July 2006                              | 500,000                                  | 500,000                           | -  | 20,000,000                               | \$0.05                                |
| November 2006                          | 500,000                                  | -                                 | 500,000                                  | 20,000,000                               | \$0.04                                |
| January 2007                           | 500,000                                  | -                                 | 500,000                                  | 20,000,000                               | \$0.01                                |
| March 2007                             | 500,000                                  | 362,106                           | 137,894                                  | 20,000,000                               | \$0.01                                |
| June 2007                              | 335,000                                  | -                                 | 335,000                                  | 10,000,000                               | \$0.01                                |
| August 2007                            | 250,000                                  | -                                 | 250,000                                  | 20,000,000                               | \$0.0014                              |
| October 2007                           | 275,000                                  | -                                 | 275,000                                  | 15,000,000                               | \$0.004                               |
| December 2007                          | 200,000                                  | -                                 | 200,000                                  | 15,000,000                               | \$0.001                               |
| March 2008                             | 310,000                                  | -                                 | 310,000                                  | 10,000,000                               | \$0.0001                              |
| Totals                                 | \$6,620,000                              | \$2,287,751                       | 4,332,249                                | 153,500,001                              |                                       |
| Accrued interest<br>added to principal |  |                                   | 342,171                                  |  |                                       |
| Balance 3/31/08                        |  |                                   | \$4,674,420                              |  |                                       |

The Notes are convertible into common shares at the lesser of \$0.10 or 35% of the market price of the Company's common stock, as defined. The Company may prepay the Notes at 150% of the outstanding principal and accrued interest balance, if sufficient authorized shares are available to convert all of the outstanding principal and accrued interest. Additionally, the Notes are secured by substantially all of the Company's assets. The Notes are further secured by 14,550,558 Company common shares owned by an officer/stockholder.

The Notes are potentially convertible into an unlimited number of common shares. Accordingly, the Company has accounted for the Notes under SFAS 133, EITF 00-19 and DIG's B38 and B39 which require the beneficial conversion features and the prepayment penalties of each of the Notes to be treated as embedded derivatives, to be recorded as a collective liability equal to the estimated fair value of the embedded derivatives. As of March 31, 2008 and December 31, 2007 the Notes were convertible into 3,108,744,236 and 6,450,658,596 common shares, respectively, and the conversion features had estimated fair values of \$16,514,068 and \$13,003,762, respectively. As of March 31, 2008 and December 31, 2007, the Company did not have enough authorized shares to allow conversion of all of the outstanding debt into stock. Consequently, the prepayment option was not available and no value for the prepayment feature was included in the computation of the estimated fair value of the derivatives for March 31, 2008 and December 31, 2007.

ITRONICS INC. AND SUBSIDIARIES

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

MARCH 31, 2008

(UNAUDITED)

In addition, all warrants and options that are exercisable during the period that the Notes are outstanding are required to be recorded as liabilities at their estimated fair value. At March 31, 2008 and December 31, 2007 warrants and options to acquire a total of 161,125,001 and 156,729,001 common shares, respectively, were outstanding and had estimated fair values of \$760,493 and \$231,224, respectively.

The Company estimates the fair value of the embedded conversion and prepayment options of the callable secured convertible debt in a single pricing model with an embedded weighted average calculation. The assumptions used are to (1) determine the number of shares it would take to convert the debt under the terms of the agreements as of the balance sheet date; (2) estimate the future rate of debt conversions by the investors based on recent conversion history; (3) estimate the debt balance at specified dates, using 6 month intervals, based on the conversion rate determined in step 2; (4) value each of the components, including the conversions and the prepayment balances determined in step 3, using the Black-Scholes option pricing model; and (5) compute the estimated fair value of the combined derivatives by taking a weighted average of the values of the debt derivative and the prepayment options for the estimated prepayment dates based on estimated probability of occurrence of each event. Steps 2 and 5 were applicable only to the three months ended March 31, 2007, as the prepayment feature of the Notes was not available for March 31, 2008. Volatility rates ranged from 95% to 128% and 91% to 107% for the three months ended March 31, 2008 and 2007, respectively. Risk free interest rates ranged from 1.22% to 3.45% and 4.54% to 5.07% for the three months ended March 31, 2008 and 2007, respectively. Volatility is calculated each reporting period and the calculation involves matching data points of our common share market price to the length of the option period. Fluctuations in volatility between individual derivatives and between periods are primarily due to the length of the option period.

The Company estimates the fair value of warrants and options using the Black-Scholes option pricing model and assumes all warrants and options would be exercised on their respective expiration dates. Volatility and risk free interest rate ranges are included in the ranges listed above.

The following table is a summary of the transactions and adjustments that comprised the calculation of the estimated fair value of the derivatives from January 1, 2007 to March 31, 2008:

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ITRONICS INC. AND SUBSIDIARIES

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

MARCH 31, 2008

(UNAUDITED)

|   | Convertible<br>Debt<br><u>Derivative</u> | Warrant<br>And Option<br><u>Liability</u> |
|---|--|---|
| Estimated fair value as of  |  |   |
| December 31, 2006   | \$ 4,876,175                             | \$ 380,083                                |
| Additional borrowing in 2007  | 2,060,000                                | -   |
| Accrued interest  | 134,554                                  | -   |
| Warrants issued for services and<br>expensed or capitalized in 2007     | -  | 7,337                                     |
| Debt conversions into common shares                                     | (1,021,367)                              | -   |
| Year to date adjustment to Estimated<br>Fair Value at December 31, 2007 | 6,954,400                                | (156,196)                                 |
| Estimated Fair Value at December 31, 2007                               | 13,003,762                               | 231,224                                   |
| Additional borrowing in 2008  | 310,000                                  | -   |
| Accrued interest  | 76,252                                   | -   |
| Options issued for services and   |  |   |

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|  |              |            |
|--|--------------|------------|
| expensed or capitalized in 2008        | -            | 255        |
| Debt conversions                       | -            | -          |
| Year to date adjustment to Estimated   |              |            |
| Fair Value at March 31, 2008           | 3,124,055    | 529,014    |
| Estimated Fair Value at March 31, 2008 | \$16,514,068 | \$ 760,493 |

The fair value of the beneficial conversion option, prepayment penalties, warrants and options are estimated each reporting period with the change in fair value recorded as gain or loss on derivative instruments. As the Company's common stock is highly volatile, material gains or losses for the change in estimated fair value are likely to occur in future periods.

Following is a summary of the gains and (losses) on derivative instruments by reporting period for the three months ended March 31, 2008 and 2007:

|                                 | Three Months Ended |              |
|---------------------------------|--------------------|--------------|
|                                 | March 31,          |              |
|                                 | <u>2008</u>        | <u>2007</u>  |
| Convertible debt derivative     | \$(3,124,055)      | \$ 1,226,456 |
| Warrant and option liability    | (529,014)          | (1,084,067)  |
| Combined Derivative Gain (Loss) | \$(3,653,069)      | \$ 142,389   |

In connection with the above described financings, the Company entered into Registration Rights Agreements with the Noteholders that either require the Company to use its best efforts to file a registration statement within 120 days of funding or to file a registration statement within 10 days of written demand from the Noteholders. The 2005 Agreements required the Company to increase the authorized shares by October 31, 2005 or use its best efforts to

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do so. The Agreement specifies penalties of 2% per month for failing to register the shares timely and 3% per month for failing to increase the authorized shares. The Company registered 50 million shares in February 2006 and increased the authorized shares in March 2006. Because it used its best efforts, the Company did not incur any penalties. The Company completed registrations of 75 million shares each in October 2006 and June 2007. After converting their debt into the 75 million common shares from the June 2007 registration, the Noteholders began utilizing Rule 144 to convert their debt into common shares as several of the Notes qualified for Rule 144 treatment since they were more than two years old. In February 2008 Rule 144 was revised to allow sale of shares after being held for six months. The holding period for debt instruments begins on the date of the investment, and due to the shortened time period, the Company anticipates that the Noteholders will utilize Rule 144 for future debt conversions and that no future registrations will be necessary.

In December 2007 the Company had issued substantially all of its authorized shares. A shareholder meeting to increase the authorized shares to 20 billion from 1 billion shares was held on May 6, 2008, at which time the shareholders approved the increase. Consequently, the Company believes it has used its best efforts to be in compliance with the terms of the various Registration Rights Agreements as of March 31, 2008, and therefore believes the probability of incurring any penalties is remote.

No conversions of the debt have taken place to date in 2008. During 2007 the Noteholders converted a total of \$1,021,367 of the Notes into 546,758,396 common shares.

4.

As of March 31, 2008 we have accrued for liabilities, including interest, of \$549,022 which relate to various lawsuits and claims for the collection of the funds due. These include 8 leases totaling \$364,635 (reflected in Capital Lease Obligations) plus \$66,235 in additional interest (reflected in Accrued Interest) and one trade payable totaling \$85,801 (reflected in Accounts Payable) plus \$32,351 in additional interest (reflected in Accrued Interest). The leases are individually secured by specified equipment.

The accrued interest noted above was recorded based on our assessment of three cases that are seeking \$251,522, which we believe are probable. The creditors have received judgments in these cases, but have taken no further collection action. The Company will continue to accrue interest until these cases are settled or paid in full.

The Company has two cases, that originally sought \$171,853, that we deem to have a remote possibility of incurring an additional unrecorded loss. The Company has negotiated payment agreements on these cases and, as of March 31, 2008, the recorded liability for these cases was \$161,405. We are delinquent in our payments under the respective settlement agreements, but are in contact with counsel for the creditor, and no collection action has been taken.

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In addition to the above leases that are subject to litigation, there are three leases, with a recorded liability of \$148,871, that are in default. As required by U.S. Generally Accepted Accounting Principles, the principal balance of

the leases that are in default have been classified as current liabilities.

Successful settlement of the above claims is dependent on future financing.

The Company may become involved in a lawsuit or legal proceeding at any time in the ordinary course of business. Litigation is subject to inherent uncertainties, and an unexpected adverse result may arise that may adversely affect its business. Certain lawsuits have been filed against the Company for collection of funds due that are delinquent, as described above. The Company is not aware of any additional legal proceeding or claims that it believes will have, individually or in the aggregate, a material adverse affect on its business, financial condition or operating results.

5. In the first quarter of 2006 all of the Series 2000 Convertible Promissory Notes became due and are now in default. The total principal and interest due at March 31, 2008 is \$3,603,793. The Company is formulating a plan to seek extensions of these notes and has recorded these notes as current liabilities. No collection action has been taken to date.

When these notes came due in 2006, they were convertible into 22,229,551 common shares. If the Company is successful in negotiating extensions of these notes, the convertible options may be renewed and the eventual number of potential options could be significantly higher than the amount that expired.

The Company's mortgage loan on the manufacturing facility is in default due to delinquent property taxes totaling \$13,535. The lender is aware of the situation and has taken no collection action. As a result of the default, the entire principal balance, in the amount of \$411,134, is included in current liabilities.

6. Following is a summary of finished goods, work in progress, and raw materials inventories as of March 31, 2008 and December 31, 2007. The raw material and work in progress balances below include \$684,999 and \$640,484 in silver bearing unprocessed photochemicals or partially processed materials as of March 31, 2008 and December 31, 2007, respectively.

|   | March 31,<br><u>2008</u> | Dec. 31,<br><u>2007</u> |
|---|--------------------------|-------------------------|
| Finished goods  | \$ 34,742                | \$46,211                |
| Work in progress  | 548,452                  | 522,273                 |
| Raw materials   | 357,245                  | 425,673                 |
|   | 940,439                  | 994,157                 |
| Less: Silver recoverability<br>and slow moving reserves | 104,161                  | 104,161                 |
| Net Inventory   | \$836,278                | \$889,996               |

## ITRONICS INC. AND SUBSIDIARIES

## NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

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7. The Company has outstanding three categories of warrants and options that may be exercised to acquire common stock; these include warrants, convertible debt options, and employee options. The following table summarizes warrant and option activity for the period January 1, 2007 through March 31, 2008:

|                                 | <u>Warrants</u> | <u>Convertible<br/>Debt Options</u> | <u>Employee<br/>Options</u> | <u>Total</u>    |
|---------------------------------|-----------------|-------------------------------------|-----------------------------|-----------------|
| Under option, December 31, 2006 | 58,599,501      | 586,181,548                         | 6,322,000                   | 651,103,049     |
| Granted                         | 100,000,000     | 6,411,235,444                       | 252,000                     | 6,511,487,444   |
| Exercised                       | -               | (546,758,396)                       | -                           | (546,758,396)   |
| Expired/Adjusted                | (8,134,500)     | -                                   | (310,000)                   | (8,444,500)     |
| Under option, December 31, 2007 | 150,465,001     | 6,450,658,596                       | 6,264,000                   | 6,607,387,597   |
| Granted                         | 10,000,000      | -                                   | 71,000                      | 10,071,000      |
| Exercised                       | -               | -                                   | -                           | -               |
| Expired/Adjusted                | (5,625,000)     | (3,341,914,360)                     | (50,000)                    | (3,347,589,360) |
| Under option, March 31, 2008    | 154,840,001     | 3,108,744,236                       | 6,285,000                   | 3,269,869,237   |

The average price for all warrants and options granted and exercised was \$0.0013 for the three months ended March 31, 2008 and \$0.0009 for the year ended December 31, 2007.

The following table summarizes the warrants and options outstanding as of March 31, 2008:

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## ITRONICS INC. AND SUBSIDIARIES

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| <u>Expiration Dates</u>          | <u>No. of<br/>Shares</u> | <u>Exercise<br/>Price</u> | <u>Weighted<br/>Average<br/>Exercise<br/>Price</u> |
|----------------------------------|--------------------------|---------------------------|--|
| <u>Warrants:</u>                 |                          |                           |  |
| March 2015                       | 10,000,000               | \$0.0001                  |  |
| December 2014                    | 15,000,000               | 0.001                     |  |
| August 2014                      | 20,000,000               | 0.0014                    |  |
| October 2014                     | 15,000,000               | 0.004                     |  |
| January to June 2014             | 50,000,000               | 0.010                     |  |
| November 2013                    | 20,000,000               | 0.040                     |  |
| July 2013                        | 20,000,000               | 0.050                     |  |
| March 2010                       | 1,000,000                | 0.100                     |  |
| July 2010 to February 2011       | 3,740,001                | 0.150                     |  |
| June 2008                        | 100,000                  | 0.225                     |  |
| Total Warrants                   | 154,840,001              |                           | \$0.0199   |
| <u>Convertible Debt Options:</u> |                          |                           |  |
| August 2008 to March 2011        | 3,108,744,236            | \$0.0015                  | \$0.0015   |
| <u>Employee Options:</u>         |                          |                           |  |
| August 2007 to February 2018     | 463,000                  | \$0.150                   |  |
| One year after employment ends   | 1,600,000                | 0.150                     |  |
| May 2017 to October 2017         | 55,000                   | 0.160                     |  |
| January 2015 to January 2018     | 150,000                  | 0.200                     |  |

|                                |               |       |          |
|--------------------------------|---------------|-------|----------|
| One year after employment ends | 1,000,000     | 0.250 |          |
| One year after employment ends | 3,000,000     | 0.300 |          |
| October 2012 to October 2013   | 17,000        | 0.500 |          |
| Total Employee Options         | 6,285,000     |       | \$0.2397 |
| Total Warrants and Options     | 3,269,869,237 |       | \$0.0029 |

The 3,108,744,238 convertible debt options listed above relate to the callable secured convertible debt discussed in Note 3 above. As of March 31, 2008 \$4,751,197 of principal and accrued interest was convertible into common stock at the lower of \$0.10 per share or 35% of a calculated market price. Consequently, the number of shares and the conversion price can vary up or down materially, depending on the Company's stock price at any point in time.

#### 8. Earnings (Loss) per Common Share:

Basic Earnings (loss) per common share is calculated based on the consolidated net income (loss) for the period divided by the weighted average number of common shares outstanding during the three months ended March 31, 2008 and 2007.

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## ITRONICS INC. AND SUBSIDIARIES

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Diluted Earnings (loss) per common share assumes that any dilutive convertible debt outstanding and stock options and warrants were converted on the first day of the period. Interest expense (net of tax) incurred the period that is related to convertible debt is added back to net income for purposes of the computation. Any stock options or warrants with exercise prices below the weighted average market price for the quarter are excluded from the computation. For purposes of computing diluted earnings per common share, common stock equivalents are excluded for periods with net losses as their effect would be antidilutive.

Following is a reconciliation of Net Income (Loss) and Weighted Average number of shares outstanding, in the computation of basic and diluted earnings (loss) per common share (EPS) for the three months ended March 31, 2008 and 2007.

Three months Ended  
March 31,

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|   | <u>2008</u>   | <u>2007</u> |
|---|---------------|-------------|
| Net Income (Loss)   | \$(4,358,778) | \$(468,365) |
| Less: Preferred stock dividends                                       | -             | -           |
| Basic and diluted EPS loss<br>available to common<br><br>stockholders | \$(4,358,778) | \$(468,365) |
| <br>Weighted average number of shares<br>outstanding (1,000 s)        | <br>999,997   | <br>358,591 |
| Common equivalent shares (1,000 s)                                    | N/A           | N/A         |
| Diluted average number of shares<br>outstanding (1,000 s)             | 999,997       | 358,591     |
| Loss Per share amount -basic  | \$(0.004)     | \$(0.001)   |
| Loss Per share amount- diluted  | \$(0.004)     | \$(0.001)   |

Warrants, options, and shares to be issued, totaling 3,290,219,698 and 491,740,285 shares as of March 31, 2008 and 2007, respectively, would dilute EPS, and accordingly are not included in the computation of EPS for the three months ended March 31, 2008 and 2007.

9. The Company adopted the provisions of SFAS 123R, *Share-Based Payments*, on January 1, 2006. Accordingly, compensation costs for all share-based awards to employees are measured based on the grant date fair value of those awards and recognized over the period during which the employee is required to perform service in exchange for the award (generally over the vesting period of the

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award). We have no awards with market or performance conditions. Effective January 1, 2006 and for all periods subsequent to that date, SFAS 123R supersedes our previous accounting under Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees" ("APB 25"). In March 2005, the Securities and Exchange Commission issued Staff Accounting Bulletin No. 107 ("SAB 107") relating to SFAS 123R. The Company has applied the provisions of SAB 107 in its adoption of SFAS 123R.

Total estimated share-based compensation expense recognized under SFAS 123R for the three months ended March 31, 2008 and 2007 was \$(16,141) and \$988, respectively, and is included in general and administrative expenses. The 2008 amount includes \$255 for the estimated fair value of stock options granted and \$(16,396) in valuation adjustments of common stock issued to employees for their compensation.

In addition to a stock option program for employees, certain employees, directors and various consultants receive the majority of their compensation in common shares. Shares issued for consulting services include such services as transportation, contracting, and corporate marketing and investor relations programs. Shares issued to employees, directors, and consultants are valued at the closing market price of our common stock on the transaction date. Total expenses paid in common stock for employees, directors, and consultants was \$71,561 and \$164,492 for the three months ended March 31, 2008 and 2007, respectively. These expenses are allocated between the two segments and between expense categories in the Consolidated Statements of Operations based on the type of service provided.

10. Following is financial information for each of the Company's segments. No changes have occurred in the basis of segmentation since December 31, 2007.

Reconciliation of segment revenues, gross profit (loss), operating income (loss), other income (expense), and net income (loss) before taxes to the respective consolidated amounts follows:

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Three Months Ended March 31,

2008

2007

Revenues:

Photochemical Fertilizer

\$597,289

\$527,902

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|                           |                      |                    |
|---------------------------|----------------------|--------------------|
| Mining Technical Services | 55,842               | 4,953              |
| Consolidated Revenues     | \$653,131            | \$532,855          |
| Gross Profit (Loss):      |                      |                    |
| Photochemical Fertilizer  | \$ 80,122            | \$ 16,031          |
| Mining Technical Services | 25,592               | (3,110)            |
| Consolidated Gross Profit |                      |                    |
| <b>(Loss)</b>             | <b>\$105,714</b>     | <b>\$ 12,921</b>   |
| Operating Loss:           |                      |                    |
| Photochemical Fertilizer  | \$(318,164)          | \$(493,401)        |
| Mining Technical Services | (125,207)            | (179,968)          |
| Consolidated Operating    |                      |                    |
| <b>Loss</b>               | <b>\$(443,371)</b>   | <b>\$(673,369)</b> |
| Other Income (Expense):   |                      |                    |
| Photochemical Fertilizer  | \$(3,915,407)        | \$ 66,651          |
| Mining Technical Services | -                    | 138,353            |
| Consolidated Other Income |                      |                    |
| <b>(Expense)</b>          | <b>\$(3,915,407)</b> | <b>\$205,004</b>   |
| Net Loss before taxes:    |                      |                    |
| Photochemical Fertilizer  | \$(4,233,571)        | \$(426,750)        |
| Mining Technical Services | (125,207)            | (41,615)           |
| Consolidated Net Loss     |                      |                    |
| Before Taxes              | \$(4,358,778)        | \$(468,365)        |

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 ITRONICS INC. AND SUBSIDIARIES

## NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

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Identifiable assets by business segment for the major asset classifications and reconciliation to total consolidated assets are as follows:

|                              | March 31,<br><u>2008</u> | December 31,<br><u>2007</u> |
|------------------------------|--------------------------|-----------------------------|
| Current Assets:              |                          |                             |
| GOLD n GRO Fertilizer        | \$1,179,216              | \$ 1,033,487                |
| Mining Technical Services    | 58,135                   | 15,743                      |
|                              | 1,237,351                | 1,049,230                   |
| Property and Equipment, net: |                          |                             |
| GOLD n GRO Fertilizer        | 2,734,709                | 2,769,179                   |
| Mining Technical Services    | 80,502                   | 83,143                      |
|                              | 2,815,211                | 2,852,322                   |
| Other Assets, net:           |                          |                             |
| GOLD n GRO Fertilizer        | 107,505                  | 108,318                     |
| Mining Technical Services    | 3,483                    | 3,483                       |

|                                 |              |              |
|---------------------------------|--------------|--------------|
|                                 | 110,988      | 111,801      |
| Total Assets:                   |              |              |
| GOLD n GRO Fertilizer           | 4,021,430    | 3,910,984    |
| Mining Technical Services       | 142,120      | 102,369      |
| Total Segment Assets            | 4,163,550    | 4,013,353    |
|                                 |              |              |
| Itronics Inc. assets            | 28,984,893   | 28,787,327   |
| Less: inter-company elimination | (28,631,555) | (28,444,812) |
| Consolidated Assets             | \$4,516,888  | \$4,355,868  |

11. The Company periodically holds marketable securities that are available for sale, which have consisted solely of equity securities. The carrying amount on the balance sheets of these securities is adjusted to market value at each balance sheet date. The adjustment to market value is an unrealized holding gain or loss that is reported in Other Comprehensive Income. At present, these unrealized gains or losses are the only component of Accumulated and Other Comprehensive Income. The Company had Accumulated Unrealized Holding Gains of \$-0- at March 31, 2008 and December 31, 2007. No gains or losses were reclassified out of accumulated other comprehensive income into earnings during the three months ended March 31, 2008 and 2007. The table below illustrates the amount of unrealized holding gains and losses included in other comprehensive income, net of tax effects of \$0. The reclassification adjustment, if any,

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listed in the below table represents unrealized holding gains and losses transferred into earnings as securities are sold.

Following are the components of Other Comprehensive Income:

Three Months Ended Mar. 31.

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|                             | <u>2008</u> | <u>2007</u> |
|-----------------------------|-------------|-------------|
| Unrealized holding gains    |             |             |
| arising during the period   | \$ -        | \$ 2,247    |
| Reclassification adjustment | -           | -           |
| Other Comprehensive Income  | \$ -        | \$ 2,247    |

-

Following is a summary of gross proceeds and gains and losses from sales of available for sale marketable securities

:

|  | Three Months Ended |             |
|--|--------------------|-------------|
|  | March 31,          |             |
|  | <u>2008</u>        | <u>2007</u> |
| Gross proceeds from sale of securities | \$ -               | \$ -        |
| Gross gains from sale of securities    | \$ -               | \$ -        |
| Gross losses from sale of securities   | -                  | -           |
| Net Gains from Sale of Securities      | \$ -               | \$ -        |

12.

Fair value of financial instruments

On January 1, 2008, the Company adopted SFAS 157, Fair Value Measurements. SFAS 157 defines fair value, establishes a three-level valuation hierarchy for disclosures of fair value measurement and enhances disclosure requirements for fair value measures. The carrying amounts reported in the balance sheets for receivables, payables and short term debt qualify as financial instruments are a reasonable estimate of fair value because of the short period of time between the origination of such instruments and their expected realization and their current market rate of interest. The three levels are defined as follow:

Level 1 inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets.

Level 2 inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the assets or liability, either directly or indirectly, for substantially the full term of the financial instruments.

Level 3 inputs to the valuation methodology are unobservable and significant to the fair value.

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The Company analyzes all financial instruments with features of both liabilities and equity under SFAS 150, "Accounting for Certain Financial Instruments with Characteristics of Both Liabilities and Equity," SFAS No 133, "Accounting for Derivative Instruments and Hedging Activities" and EITF 00-19, "Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock."

The Company's convertible debt derivatives are carried at fair value totaling \$16,514,068 and \$13,003,762, as of March 31, 2008 and December 31, 2007; the Company carries its options and warrants at fair value totaling \$760,493 and \$231,224 as of March 31, 2008 and December 31, 2007. The Company used Level 2 inputs for its valuation methodology for the convertible debt derivatives, warrant and option liability, and their fair values are determined by using current conversion rate which is determined by the lowest three stock prices for the past 20 days at each reporting period.

|                              | Fair Value As<br>of<br>March 31,<br>2008 | Fair Value Measurements at March 31, 2008 Using Fair Value<br>Hierarchy |               |         |
|------------------------------|--|---|---------------|---------|
|                              |  | Level 1   | Level 2       | Level 3 |
| Liabilities                  |  |   |               |         |
| Convertible debt derivative  | \$16,514,068                             |   | \$ 16,514,068 |         |
| Warrant and option liability | \$760,493                                |   | \$ 760,493    |         |

The Company recognized \$3,124,055 and \$529,014 as loss on derivative instruments for the three months ended March 31, 2008.

The Company did not identify any other non-recurring assets and liabilities that are required to be presented on the balance sheet at fair value in accordance with SFAS No. 157. The Company also adopted SFAS 159, "The Fair Value Option for Financial Assets and Financial Liabilities" on January 1, 2008. SFAS 159 permits entities to choose to measure certain financial and non-financial items at fair value that are not otherwise required to be measured at fair value. The Company chose not to elect the option to measure eligible items at fair value.

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## Item 2. Management's Discussion and Analysis or Plan of Operations

Some of the information in this report contains forward-looking statements that involve substantial risks and uncertainties. You can identify these statements by forward-looking words such as "may," "will," "expect," "anticipate," "believe," "estimate" and "continue," or similar words. You should read statements that contain these words carefully because they:

- discuss our future expectations;
- contain projections of our future results of operations or of our financial condition; and
- state other "forward-looking" information.

We believe it is important to communicate our expectations. However, there may be events in the future that we are not able to accurately predict or over which we have no control. Our actual results and the timing of certain events could differ materially from those anticipated in these forward-looking statements.

### Results of Operations

We reported consolidated revenues of \$653,131 for the quarter ended March 31, 2008, compared to \$532,855 for the prior year quarter, an increase of 23%. The increase was due to a combination of increases in GOLD n GRO Fertilizer segment revenue of \$69,400, or 13% and Mining Technical Services segment revenue of \$50,900, or 1,027%. The consolidated net loss was \$4,358,778, or \$0.004 per share, for the quarter ended March 31, 2008, compared to a net loss of \$468,365 or \$0.001 per share for the comparable 2007 period, an increased loss of \$3,890,400. The increased loss is due primarily to an increase in the non-cash loss on derivative instruments related to our financing.

To provide a more complete understanding of the factors contributing to the changes in revenues, operating expenses, other income (expense) and the resulting operating income (loss) and net income (loss) before taxes, the discussion presented below is separated into our two operating segments.

### GOLD n GRO FERTILIZER

Three months Ended March 31,

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|                                | <u>2008</u> | <u>2007</u> |
|--------------------------------|-------------|-------------|
| Revenues                       |             |             |
| Fertilizer                     | \$ 445,578  | \$ 413,723  |
| Silver                         | 117,065     | 68,847      |
| Photochemical recycling        | 34,646      | 45,332      |
| Total Revenue                  | 597,289     | 527,902     |
| Gross profit (loss)            | 80,122      | 16,031      |
| Operating income (loss)        | (318,164)   | (493,401)   |
| Other income (loss)            | (3,915,407) | 66,651      |
| Net income (loss) before taxes | (4,233,571) | (426,750)   |

Total segment revenues for the first quarter of 2008 were approximately \$597,300, an increase of 13% from the first quarter of 2007. Total fertilizer sales for the quarter were \$445,600 (481 tons), compared to \$413,700 (480 tons) for the 2007 first quarter, an increase of 8% in

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dollars and a nominal increase in tonnage. Sales of bulk Chelated Liquid Micro-nutrients were \$372,000 (384 tons) and \$357,500 (374 tons) for the first quarter of 2008 and 2007, respectively, an increase of 4% in dollars and 3% in tonnage. Sales of bulk Chelated Liquid Multi-nutrients were \$37,400 (87 tons) and \$43,800 (107 tons) for the first quarter of 2008 and 2007, respectively, a decrease of 15% in dollars and 19% in tonnage. A new Chelated Secondary Nutrient product was introduced in the second quarter of 2006. Sales of this product were \$13,800 (10 tons) and \$-0- (0 ton) for the first quarter of 2008 and 2007, respectively. The overall increase in sales was due primarily to price increases. Total photochemical services revenue for the quarter decreased \$10,700 due primarily to a reduction in photoliquids from one supplier. This was a decrease of 24% in revenue on decreased volume of 11%. Silver sales were \$117,100 (6,381 ounces) for the quarter, compared to \$68,800 (5,343 ounces) for the prior year first quarter, an increase of 70% in dollars and 19% in ounces. The increase is due to a combination of increased sales of silver contained in film and a sharply increased silver price.

World-wide demand for fertilizers increased sharply in the first quarter, creating shortages of certain basic fertilizer materials. Because of this, delays were experienced in obtaining raw materials and some GOLD n GRO liquid fertilizer deliveries were delayed to the second quarter. At the end of the first quarter, we had the largest backlog of truck load orders since we began fertilizer manufacturing. Our sales personnel are working closely with our sales distribution network to manage fertilizer distribution so that the ultimate customer receives ordered materials as closely as possible to when they are needed in the field.

Cost of sales increased \$5,300 due primarily to increases in raw materials costs of \$19,300 resulting from increased sales and payroll costs of \$6,500, which was partially offset by a decrease of \$17,000 in plant supplies and repairs and maintenance. The segment recorded a gross profit of \$80,100 for the quarter, compared to a gross profit of \$16,000 for the first quarter of 2007, an increased gross profit of \$64,100, or 400%.

We are continuing our efforts on sales of Photochemical Silver Concentrators in order to provide a long term base of used photochemical supply. In March 2007 we received a deposit on a Photochemical Silver Concentrator and it was delivered in July 2007. We are in discussions for another order from the same customer. We also are now aggressively seeking new large scale photochemical recycling customers, and between August 2006 and April 2007, we obtained three new significant wholesale customers. In April 2008 we obtained another significant wholesale customer. As a result of these new customers, we expect the rate of growth in sales volume will be significantly greater than the rate of growth in sales dollars. The addition of these customers is expected to increase photochemical raw material (on an unconcentrated basis) up to 400% greater than the volume in 2006.

We have also initiated discussions with other large scale potential customers. We anticipate that the new customers, along with our existing suppliers, will provide sufficient raw material for fertilizer production into the spring 2009 fertilizer season. If we are successful in gaining some of the other potential customers, we expect raw material needs to be met well into the future.

Segment operating expenses decreased \$111,100 from the first quarter of 2007. This was due to decreases of \$65,800 in sales and marketing expenses related primarily to decreased corporate

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marketing, \$12,800 in research and development due to the completion of the first phase of the registration process of the GOLD n GRO Guardian deer repellent, and \$34,100 in general and administrative costs related to reduced payroll costs of \$18,000 and legal and accounting costs of \$7,100.

These factors resulted in a 2008 first quarter segment operating loss of \$318,200 compared to a loss of \$493,400 for the first quarter of 2007, a decreased operating loss of \$175,200, or 36%.

Other income (expense) was a net expense of \$3,915,400 for the quarter, compared to income of \$66,700 for the 2007 first quarter, a decrease in other income (expense) of \$3,982,100. The increase in other expense is due primarily to an increase in loss on derivative instruments of \$3,795,500. The gain or loss on derivatives is calculated each quarter and is subject to material changes, either up or down, based on changes in our stock price, which is highly volatile. In addition, there was a one time gain in the prior year quarter of \$205,900 from the sale of a membership interest in our workers compensation insurance carrier.

The changes in operating loss and other income resulted in a segment net loss before taxes of \$4,233,600 for the quarter ended March 31, 2008, compared to segment net loss before taxes of \$426,800 for the prior year quarter, an increased loss of \$3,806,800.

## MINING TECHNICAL SERVICES

|                         | Three Months Ended March 31, |             |
|-------------------------|------------------------------|-------------|
|                         | <u>2008</u>                  | <u>2007</u> |
| Revenues                | \$ 55,842                    | \$ 4,953    |
| Gross profit (loss)     | 25,592                       | (3,110)     |
| Operating income (loss) | (125,207)                    | (179,968)   |

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|                                |           |          |
|--------------------------------|-----------|----------|
| Other income (expense)         | -         | 138,353  |
| Net income (loss) before taxes | (125,207) | (41,615) |

Mining technical services revenue was \$55,800 for the quarter ended March 31, 2008, compared to \$5,000 for the comparable quarter of 2007, an increase of 1,027%. The increase came from one technical services project that was completed in March 2008. Discussions are ongoing for additional work on that project. Cost of sales increased \$22,200, due to an increase in payroll and consulting expense of \$22,900, which were related to the technical services project discussed above. These factors resulted in a first quarter gross profit for the segment of \$25,600 compared to a gross loss of \$3,100 for the prior year first quarter, an improvement of \$28,700.

In early May 2005 the technical services satellite office was closed due to the winding down of most of the technical service contracts and completion of the majority of the data gathering for the insidemetals.com project, but certain key staff members have been retained. Programming is continuing for insidemetals.com and launch of the website Information Portal occurred in August 2005. Revenues from the website have been nominal to date.

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The redirection of Whitney & Whitney, Inc. to reduce emphasis on technical consulting services and to launch an internet information portal is brought about by the fact that Dr. Whitney, our President, has often been the lead person in generating new consulting contracts. Our President's increased responsibilities for managing the expanding GOLD n GRO fertilizer segment and overall corporate activities has reduced his time availability to actively participate in the consulting segment. Part of our objective in shifting the focus of the technical services segment is to retain our core professional staff that can provide assistance on possible future technical service contracts as well as perform administrative duties for the GOLD n GRO fertilizer segment, while at the same time adding a potential source of revenue that is not dependent upon labor sales and which can be managed by a professional staff. The information portal also better utilizes the Whitney & Whitney, Inc. library and information resources that are already in existence. For the three months ended March 31, 2008 and 2007 we allocated costs of approximately \$55,800 and \$61,900, respectively, to the development of the web site. The site was launched in mid-August 2005 and we are now expanding the content of the site, as well as improving the profiled mining company information. We expect this level of spending to continue into at least the third quarter of 2008. As improvements to the site are completed and information maintenance becomes routine, we will reduce or redirect staff resources as needed. A program to solicit advertising customers was developed and is being offered to gold exploration companies beginning in the first quarter of 2007. We hired a manager of marketing and sales in October 2006. He was responsible for marketing efforts for both the insidemetals.com website and for technical consulting services to the mining industry. As no revenue was generated from this work, the position was eliminated in February 2008. We are presently evaluating the steps we need to take to improve the revenue growth from the website.

Total segment operating expenses for the first quarter of 2008 decreased \$26,100, due primarily to decreased sales and marketing costs related to corporate marketing and to the insidemetals.com website discussed above.

The combination of these factors resulted in a 2008 first quarter segment operating loss of \$125,200, compared to an operating loss of \$180,000 for the first quarter of 2007, a decreased operating loss of \$54,800, or 30%.

Other income (expense) for the first quarter of 2008 was \$-0- compared to a gain of \$138,400 for the prior year first quarter. The prior year gain was a one time sale of a membership interest in our workers compensation insurance carrier.

The changes in operating loss and other income resulted in a segment net loss before taxes of \$125,200 for the quarter ended March 31, 2008, compared to a loss of \$41,600 for the prior year quarter, an increased loss of \$83,600, or

201%.

## SUMMARY

On a consolidated basis, the various changes in revenues and operating expenses resulted in a first quarter 2008 operating loss of \$443,400, compared to \$673,400 for the first quarter of 2007, a decreased operating loss of \$230,000, or 34%. Net loss before taxes for the first quarter 2008 was \$4,358,800 compared to a net loss before taxes of \$468,400 for the prior year

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first quarter, an increased loss of \$3,890,400. The increased loss is due primarily to an increased non-cash loss on derivatives of \$3,795,500.

### Changes in Financial Condition; Capitalization

Cash amounted to \$241,700 as of March 31, 2008, compared to \$406,800 as of March 31, 2007. Net cash used for operating activities was approximately \$146,000 for the first three months of 2008. The cash used for operating activities during the period was financed primarily by net proceeds of \$300,000 from the issuance of callable secured convertible notes, less \$27,800 in debt issuance costs, and loans totaling \$45,000 from an officer/stockholder.

Total assets increased \$161,000 during the three months ended March 31, 2008 to \$4,516,900. Current assets increased \$206,100 due to increases in cash of \$148,700 and accounts receivable of \$145,400. These increases were partially offset by a decrease in inventory of \$53,700 and prepaid expenses of \$34,300. Inventory decreased primarily due to usage of fertilizer raw materials to meet fertilizer sales demand, while at the same time, it became difficult to purchase raw materials to replace the materials used in manufacturing due to the increased worldwide demand for fertilizers as discussed above. Net property and equipment decreased \$37,100 due to current period depreciation and amortization. Other assets decreased \$8,000 due to amortization of deferred loan fees related to the callable secured convertible note financing.

Current liabilities increased during the three months ended March 31, 2008 by \$4,504,100 and total liabilities increased by \$4,502,300. The increase is primarily due to an increase of \$4,039,600 in the estimated fair value of derivative instruments. The major components of this increase include \$310,000 in new convertible debt borrowing, \$76,300 in accrued interest, and a net increase in estimated fair value of derivative instruments of \$3,653,100. The increase in estimated fair value of the derivative instruments is primarily due to an increased stock price at March 31, 2008 compared to December 31, 2007. The current stock price used in the Black-Scholes model used to compute estimated fair value was \$0.0067 and \$0.0026 at March 31, 2008 and December 31, 2007, respectively. The conversion price used in the same computation was \$0.0015 and \$0.0007 for March 31, 2008 and December 31, 2007, respectively. The increased stock price resulted in a reduction in the number of shares need to convert the callable secured convertible debt from 6,450,658,596 common shares at December 31, 2007 to 3,108,744,236 common shares at March 31, 2008, in spite of the increased borrowing. This would tend to lower the value of the debt derivative. However, the stock price increase also increased the value of the conversion option of the convertible debt and the value of outstanding warrants and options. The net result was the increase in estimated fair value of the derivatives discussed above.

Other changes in current liabilities include increases of \$106,000 in current maturities of convertible notes and accrued interest, \$99,000 in accounts payable, \$82,200 in accrued management salaries, \$50,900 in interest payable to officer/stockholders, and \$130,200 in other liabilities. These increases were partially offset by decreases of \$16,700 in accrued expenses and \$37,200 in current maturities of capital lease obligations.

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## Liquidity and Capital Resources

During the three months ended March 31, 2008, working capital declined by \$4,298,000 to a deficit balance of \$23,140,100. The decline is due primarily to the increase in estimated fair value of derivative instrument liabilities discussed above.

In order to solve our liquidity problems, management has implemented a plan of financing its operations through the private placements of common shares, convertible debt, conversion of debt to common shares, and payment of consulting and other labor services with common shares. We obtained financing of \$2.06 million and \$2.0 million in 2007 and 2006, respectively, through the issuance of callable secured convertible debt. During the first three months of 2008, we obtained financing of \$310,000 from the issuance of callable secured convertible debt. We anticipate these funds will provide for our working capital needs until late May 2008.

We are actively working to establish a longer term financing plan that will identify capital sources for our financing needs over a three to five year period. Once this plan is established, needs for financing will be adjusted and the plan will be extended annually.

In addition to continuing the above described efforts, development of the technology necessary to manufacture fertilizer from photochemicals has been completed. In March 1998 our subsidiary, Itronics Metallurgical, Inc., signed a definitive manufacturing and distribution agreement with Western

Farm Services, Inc. (WFS). The agreement gives WFS the exclusive license and right to manufacture and market the GOLD n GRO line of fertilizer products in the states of Arizona, California, Hawaii, Idaho, Oregon and Washington. The agreement is for five years, with five year renewal options. In March 2008, the companies entered the third five year term of the agreement.

In addition, to meet short term cash needs, we have negotiated a 10 day payment period on invoices to our primary distributor, at a cost of 1% of the invoice amount. We also periodically factor certain inventory items and receivables to help with short term cash needs. These arrangements are with unrelated individuals, carry interest at 2% to 3% per month, and the lenders are secured by a blanket UCC on specified inventory items and on specified invoices. As of March 31, 2008, no factored inventory and receivables were outstanding.

We are focusing on expanding GOLD n GRO fertilizer sales and the related photochemical and silver sales necessary to achieve profitability, but this growth is subject to a number of uncertainties, including the annual seasonal nature of fertilizer sales related to crop cycles, short term weather patterns in specific markets, the rate of GOLD n GRO fertilizer adoption in existing and new markets, and the availability of funding to support sales growth.

## Growth Plans and Implementation

Our GOLD n GRO Fertilizer segment created the GOLD n GRO line of liquid fertilizers. The pioneering development work is complete, many field trials have been completed on the first products and other field trials are under way.

The Mining Technical Services segment originally provided typical consulting services which required high level technical personnel, including our President, devoted to each project. To

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reduce our dependence on our President to generate new consulting contracts, while better utilizing our core professional staff, the division has been reconfigured to focus most of its efforts on a global Internet Information Portal "insidemetals.com". The information portal operates 24 hours per day 7 days per week and can be accessed anywhere in the world where computers and the Internet are available. Anyone with access to the Internet anywhere in the world can subscribe to the service at any time using their credit card to pay the subscription fee.

With the successful completion of the initial pioneering development work by the GOLD 'n GRO Fertilizer segment, and with the launch of the insidemetals.com information portal by the Mining Technical Services Division, we are implementing growth plans for both divisions that are expected to drive expansion well into the future. The status of these plans and their implementation is described for each division.

#### GOLD 'n GRO Fertilizer Segment (Itronics Metallurgical, Inc.)

Our manufacturing plant is presently configured to produce 1.2 million gallons (on a single shift basis) of GOLD 'n GRO fertilizer annually (about 5,700 tons) and can be expanded to produce 7.2 million gallons of GOLD'n GRO per year, or about 36,000 tons. GOLD'n GRO fertilizer production in 2007 utilized about 5 percent of planned capacity. Planned expansions to achieve the 36,000 ton volume include increasing both dry raw material and liquid storage, increasing tank truck loading capacity, and automation of certain manufacturing functions. Expansion is being done incrementally as fertilizer sales continue to grow.

We have developed the following eight-part approach to growth:

1. Increase sales in the established market segments.
2. Develop GOLD'n GRO fertilizer applications for more crops.
3. Expand sales to new territories.
4. Expand the GOLD'n GRO specialty fertilizer product line.
5. Complete development of and commercialize the new glass/tile products.
6. Develop and commercialize environmentally friendly metal leaching reagents for recovery of silver, gold, and other metals.
7. Continue facilities expansion and technology development.
8. Acquire established companies and/or their technologies.

Plans and status of implementing each of the growth categories is explained in more detail in the following sections.

#### 1. Increase sales in established market segments.

We are selling into or developing applications for the three major segments. These are:

- a. Specialty Agriculture which includes Avocados, Citrus, Grapes, Fruit and Nut Trees, and Vegetables.
- b. Bulk Field Crops which include alfalfa, cereal grains, corn, cotton, and soybeans.
- c. The Urban Market, which includes Home Lawn and Garden, Landscape Construction and Maintenance, and Nursery and Greenhouse markets, and Golf Courses.

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Our primary focus is to increase bulk GOLD n GRO liquid fertilizer sales as rapidly as possible. This is being achieved by expanding sales in the Specialty Agriculture segment and in the Bulk Field Crops segment. There are on-going small package sales in the Urban Market, but these are small relative to the other two segments.

2. Develop GOLD'n GRO fertilizer applications for more crops.

Based on our experience to date, it takes approximately two to five years to develop a new fertilizer product, which includes regulatory approval. It typically takes another two to four years to achieve market acceptance of successful products, which includes field trials to demonstrate product effectiveness.

We are performing field trials in Idaho, Oregon, and Washington for applications on onions, potatoes, and winter wheat. We also have begun field trials in Rhode Island for lawn, landscape, and nursery application and have started several new trials in California for silage corn applications.

A GOLD'n GRO base liquid nutrition program is being marketed. The program is called the "Gallon and a Quart" or "4 to 1" program. It calls for one gallon of GOLD n GRO base liquid for each quart of GOLD'n GRO chelated micro-nutrient used in soil applications. Field demonstrations have shown improved nutrition uptake and crop output under this cost effective program. Marketing of this program is expected to produce substantial increases in the tonnage of GOLD'n GRO fertilizer sales.

In 2006 we began contributing to an ongoing Zinc Nutrition Research Program at Utah State University in Logan, Utah. To date, the research has demonstrated the effectiveness of GOLD n GRO 9-0-1+7% Zinc as a chelated liquid zinc micronutrient fertilizer for zinc deficient corn. Results include preventing visual symptoms of zinc deficiency, significantly increased tissue concentration of zinc compared to untreated plants, and doubled dry mass.

3. Expand sales to new territories.

The GOLD'n GRO products are being sold in Arizona, California, Colorado, Idaho, Nevada, Oregon, Rhode Island, Washington, and Utah, with the majority of our sales in central California. We completed registration of select GOLD n GRO fertilizers in Idaho, Oregon and Washington in 2005 and in Utah in 2006; sales development is now underway. Two GOLD'n GRO products are registered in seven northeastern states and all of the products are registered in New York and in New Jersey. Based on our experience, commercial sales can be generated approximately one to three years after introductory sales activities are initiated. We are in the process of identifying distributors for New York and the other seven northeastern states. Each new geographic area developed will require the same procedural approach.

The expansion into the Northwest states of Idaho, Oregon, Washington, and Utah is being managed by one field agronomist. The cost of maintaining that position ranges from \$120,000 to \$150,000 per year. The expansion into the Northeast states is being managed by one part time person at an annual cost of approximately \$30,000. That person is

also the lead person in seeking customers for our Photochemical Silver Concentrators. We may increase these spending levels in 2008, depending on sales support requirements.

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In general, expansion to new regions of the country will require at least one field agronomist for each new region at a cost similar to that for the Northwest region. In addition, each state has varying registration requirements for product labels and costs of registration. Development of product labels is done internally using existing staff. Registration fees for each state vary widely, ranging from \$25 to \$600 per year, largely depending on how many products are registered in the particular state. For the near term, we anticipate utilizing present staff and management for corporate support of the sales efforts for both existing regions and for the new regions. For the longer term, as we expand we will need to add corporate support personnel. In 2006 we added a Ph.D. agronomist, to support GOLD n GRO sales efforts.

Our plan to expand sales in Urban Markets requires the consumer to utilize fertilizer injection equipment. This equipment provides economical, easy use of liquid fertilizers for consumer lawns and gardens. We added two types of fertilizer injectors to our "e" store, which is the first step into this market. Additionally, other fertilizer injectors are already available to consumers through irrigation supply stores.

#### 4. Expand the GOLD'n GRO specialty fertilizer product line.

We are developing two new specialty products, a calcium plus magnesium fertilizer named GOLD n GRO 11-0-0+5% Ca (Calcium) and a high magnesium content fertilizer named GOLD n GRO 8-0-0+3% Mg (Magnesium), both targeting foliar and soil application. We have registered GOLD n GRO 11-0-0+5% Ca in Nevada and California. The registration of GOLD n GRO 8-0-0+3% Mg is planned for the second quarter of 2008 at which time sales development will be started.

We are developing a new category of repellent fertilizers that are expected to be sold at higher profit margins than our other products. The GOLD n GRO Guardian deer repellent fertilizer is an example of this type of specialty fertilizer. The U.S. market for deer repellents is believed to exceed \$200 million in annual sales. Products currently in the market have limited effectiveness so we believe that there is a real opportunity for a line of systemic products that are effective for several weeks after each application. GOLD'n GRO Guardian small plot tests have shown effectiveness for 8 to 12 weeks as well as excellent wintertime effectiveness.

We acquired ownership interest in the GOLD n GRO Guardian trademark, product rights, and the repelling product in 2005. We now own 100% of all rights related to GOLD n GRO Guardian. Currently, this product line is strictly for non-food plant applications. We have engaged consultants experienced in the EPA registration process. We are presently working with them to plan the process and lab work needed to complete a series of registrations.

We have a three phased registration process underway to get the repelling ingredient (denatonium benzoate) and GOLD n GRO Guardian into the market.

#### Phase 1

is to register a "ready-to-use" spray deer repellent that is essentially similar in the amount of repelling ingredient to a topical product that is already in the market, but that is being phased out due to high cost and limited effectiveness. Using this "me too" approach provides a U.S. EPA approved path to rapid registration to get product sales started by mid-year 2008. This phase was completed in March 2008.

#### Phase 2

is to register denatonium benzoate. U.S. EPA has made a written determination that Itronics would have a 10 year exclusive use right under this registration that provides use

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protection to the owner which is similar to use protection provided by a product patent. This registration is being pursued because denatonium benzoate has not been registered as an active ingredient for use in animal repellents in the United States, and the U.S. EPA is now requiring that it be registered for that purpose. This registration requires that scientific, environmental, and toxicology data be gathered to become part of the application. We have an agreement in place with a large foreign manufacturer of denatonium benzoate who has already supplied certain confidential technical manufacturing and scientific information to U.S. EPA as part of our product registration application. Our environmental consultants have informed us that the data required will take from two to four years of elapsed time to gather and could cost in the range of \$1 million to \$1.5 million. This registration is on hold until the data requirements can be fulfilled.

### Phase 3

is to register the GOLD n GRO Guardian deer-repellent fertilizer concentrate. This registration will be pursued once denatonium benzoate has been registered as an active ingredient for use in animal repellents in the United States. This registration requires that scientific, environmental, and toxicology data be gathered to become part of the application. Our environmental consultants have informed us that the data required will take from two to four years of elapsed time to gather and could cost in the range of \$1 million to \$1.5 million. A major part of the toxicology studies for this product have been completed with a finding that the product is relatively safe, requiring only a caution label for use. Some of the scientific data has been supplied, but the environmental data has not yet been gathered.

We also need to register GOLD n GRO Guardian in each state in which it will be sold. We have already registered the fertilizer component, GOLD n GRO 8-8-8+4%S, in Nevada, Utah, and 9 northeastern states where sales will be started so that the fertilizer registration requirements will not delay sales once they are permissible. State

registration of the "ready-to-use" spray as registered with the U.S. EPA was begun in early May 2008. The plan is to file registration applications in 13 states. Sales of GOLD n GRO Guardian can begin in each state when the state registration is received.

### 5. Complete development of and commercialize glass/tile products.

In 2003, we developed and produced glass /tile products proving that the product concept is technically viable. When the development of the glass/ceramic tile product is completed, we will achieve the ability to recycle 100 percent of the photoliquid materials received from customers, including waste that is generated internally during fertilizer production. We have completed preliminary market research for the tile markets, but expect to do much more work to develop a plan to enter this market.

### 6. Develop and commercialize metal leaching reagents for recovery of silver, gold, and other metals.

We are developing applications of our technology to extract silver from photoliquids to the mining sector. This work is being expanded and a small pilot circuit is being established to chemically process certain categories of silver-bearing solid wastes. The gold mining sector currently uses cyanide and other toxic chemicals in their leaching process. We believe it may be possible to create and adapt new non-toxic leaching reagents and leaching procedures for

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processing other secondary materials and certain types of mine generated products. The specific markets for leaching reagents in gold and silver mining is large and world wide, but has not yet been studied in detail for market development. Our Technical Services Division maintains an extensive library and database of mines and mining activities worldwide, which provides us ready access to market information as we need it. Much pilot plant work, including one or more field pilot operations, must be completed before quantitative market studies can be completed.

7. Continue facilities expansion and technology development.

As fertilizer sales volume increases, we need to increase tank truck loading capacity. With the introduction of additional bulk products and increased demand for our products, load out capacity for shipment of three more bulk products is needed. The first phase, construction of a containment area, was substantially completed in late 2006. While we believe that we can handle expected growth in 2008 with the existing load-out module, we hope to complete construction on the new load out equipment during the second half of 2008, subject to the availability of financing.

8. Acquire established companies and/or their technologies.

To enhance our operations and market presence, we intend to acquire small established companies or their technologies. In 2005, we completed our acquisition of the GOLD n GRO Guardian technology. Further acquisitions will depend on the potential benefits and suitable financing.

Mining Technical Services Segment (Whitney & Whitney, Inc.)

Historically, this division provided consulting services to the mining industry. In August 2005, we launched an Information Portal on the Internet. This division has a two-part approach to growth:

- Continue to provide consulting services.
- "e-commerce" Internet Information Portal-"insidemetals.com".

Plans and status of implementing each of the growth categories is explained in more detail in the following sections.

a. Continue to provide consulting services

We intend to continue a low level effort to solicit and perform technical services for mining companies and other businesses or government agencies that have mineral interests or minerals related responsibilities.

b. "e-commerce" Internet Information Portal-"insidemetals.com".

In August 2005, we launched the website "insidemetals.com," an Information Portal targeting the companies and individuals interested in the mining and precious metals industry. The website is beginning to generate revenue by charging a subscription fee for monthly access to the site and by selling advertising to gold exploration companies. Currently, the site contains an array of information about gold and companies in the gold industry. We intend to add information on other mineral sectors gradually.

We anticipate that mining company professionals, all government agencies with minerals related responsibilities, financial industry investment professionals, and individual investors who have an interest in investing in mining companies but who have limited mineral industry knowledge will benefit from this Information Portal. The market scope for this service is global and is accessible with a "click of a mouse" in all countries of the world through the Internet. Whitney & Whitney, Inc. has contacts throughout the world and expects that the good will generated over a period of more than 25 years will provide market support for this service.

A program to solicit advertising customers was developed and is being offered to gold exploration companies beginning in the first quarter of 2007. We hired a manager of marketing and sales in October 2006. He was responsible for marketing efforts for both the insidemetals.com website and for technical consulting services to the mining industry. As no revenue was generated from this work, the position was eliminated in February 2008. We are presently evaluating the steps we need to take to improve the revenue growth from the website.

In September 2007, our Board of Directors approved the formation of a subsidiary to acquire multi-mineral properties and strategic small specialty companies that are in early stage or commercial operation. These can be combined to form a larger operating company that will utilize our advanced environmentally compatible technologies to mine, extract, and sell mineral and metal products from multi-mineral properties. Our plan anticipates that shares in the subsidiary will be placed with private investors. The plan will include provisions for taking the subsidiary public to provide an exit strategy for the initial private investors.

#### Item 4T. Controls and Procedures

(a) Evaluation of Disclosure Controls and Procedures. As of the end of the period covered by this report, we conducted an evaluation, under the supervision and with the participation of our principal executive and financial officer and principal accounting officer of our disclosure controls and procedures (as defined in Rule 13a-15(e) and Rule 15d-15(e) of the Exchange Act). Based upon this evaluation, our principal executive and financial officer and principal accounting officer concluded that because of the material weakness in internal control over financial reporting described below, our disclosure controls and procedures were not effective as of March 31, 2008.

Disclosure controls and procedures refer to controls and other procedures designed to ensure that information required to be disclosed in the reports we file or submit under the Securities Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rules and forms promulgated by the SEC and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure. In designing and evaluating our disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives, and management is required to apply its judgment in evaluating and implementing possible controls and procedures.

#### Accounting and Reporting Oversight

Because of our size, we have ineffective segregation of duties relative to key financial reporting functions. Additionally, only one person in our

company, our Principle Accounting Officer/Controller has extensive US GAAP accounting and SEC reporting experience. However, we do not have anyone else on staff with sufficient knowledge to review his work for completeness and accuracy. We do not have anyone with financial expertise on our Board so we have been unable to

form an audit committee to perform oversight of this function.

In order to correct the foregoing weaknesses, we will continue to search for independent directors; however, given our current financial condition, we expect we will not be successful until we can become profitable and/or adequately funded.

(b) Changes in internal controls. There was no change in our internal controls or in other factors that could affect these controls during our fiscal quarter ended March 31, 2008 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

## PART II- OTHER INFORMATION

### Item 1. Legal Proceedings

As of March 31, 2008 we have accrued for liabilities, including interest, of \$549,022 which relate to various lawsuits and claims for the collection of the funds due. These include 8 leases totaling \$364,635 (reflected in Capital Lease Obligations) plus \$66,235 in additional interest (reflected in Accrued Interest) and one trade payable totaling \$85,801 (reflected in Accounts Payable) plus \$32,351 in additional interest (reflected in Accrued Interest). The leases are individually secured by specified equipment.

The accrued interest noted above was recorded based on our assessment of three cases that are seeking \$251,522, which we believe are probable. The creditors have received judgments in these cases, but have taken no further collection action. We will continue to accrue interest until these cases are settled or paid in full.

We have two cases, that originally sought \$171,853, that we deem to have a remote possibility of incurring an additional unrecorded loss. We have negotiated payment agreements on these cases and, as of March 31, 2008, the recorded liability for these cases was \$161,405. We are delinquent in our payments under the respective settlement agreements, but are in contact with counsel for the creditor, and no collection action has been taken.

Successful settlement of the above claims is dependent on future financing.

We may become involved in a lawsuit or legal proceeding at any time in the ordinary course of business. Litigation is subject to inherent uncertainties, and an unexpected result may arise that may adversely affect our business. Certain lawsuits have been filed against us for collection of funds due that are delinquent, as described above. We are not aware of any additional legal proceeding or claims that we believe will have, individually or in the aggregate, a material adverse affect on our business, financial condition or operating results.

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### Item 2. Unregistered sales of Equity Securities and Use of Proceeds

#### (a) Recent Sales of Unregistered Securities:

We issued options to purchase an aggregate of 9,000 shares of common stock to Michael C. Horsley, our Controller, on February 1, 2008. The options are exercisable at \$0.15 per share and expire three years after grant.

We issued options to purchase an aggregate of 62,000 shares of common stock to five of our employees in January and February 2008. The options are exercisable at \$0.15 to \$0.20 per share and expire in three to ten years from grant.

In March 2008, we entered into a Securities Purchase Agreement with three accredited investors (the "Investors") for an aggregate amount of (i) \$310,000 in secured convertible notes, and (ii) warrants to purchase 10,000,000 shares of the our common stock (the "Financing"). We anticipate that the proceeds of the Financing will be used to advance our eight part business plan which was summarized in its press release issued by us on June 3, 2005. The Financing will provide working capital to expand GOLD n GRO fertilizer sales, EPA registration of the GOLD n GRO Guardian deer repellent fertilizer, certain capital improvements to expand production capacity, and payment of existing debt obligations.

The Financing was completed in one closing. The closing consisted of gross proceeds of \$310,000, less financing costs of \$10,000, for net proceeds of \$300,000.

The Investors received three year convertible notes (the "Notes") bearing simple interest at 8% per annum. The Notes are convertible into the Company s common stock at a price equal to the lesser of (i) \$0.10 or (ii) 35% of the average of the lowest 3 trading prices during the 20 trading day period ending one trading day before the conversion date. In addition, we granted the Investors a further security interest in substantially all of our assets, including the assets of our wholly owned subsidiaries, and intellectual property.

The parties entered into a Registration Rights Agreement whereby we may be required to file a registration statement with the Securities and Exchange Commission within 10 days of written demand, registering the common stock underlying the secured convertible notes and the warrants. If the registration statement is not declared effective within 90 days from the filing date, we are required to pay liquidated damages to the investors. In the event that we breach any representation or warranty in the Securities Purchase Agreement, we may be required to pay liquidated damages in shares or cash, at our election, equal to two percent of the outstanding principal amount of the secured convertible notes per month plus accrued and unpaid interest.

The Investors received seven year warrants to purchase a total of 10,000,000 common shares of the Company at a purchase price of \$0.0001 per share.

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Other than under these Agreements and under certain specified circumstances, should we issue shares of common stock below the market price, the exercise price of the warrants will be reduced accordingly.

The conversion price of the secured convertible notes and the exercise price of the warrants may be adjusted in certain circumstances such as if we pay a stock dividend, subdivide or combine outstanding shares of common stock into a greater or lesser number of shares, or take such other actions as would otherwise result in dilution of the selling stockholder's position.

The Investors have agreed to restrict their ability to convert their secured convertible notes or exercise their warrants and receive shares of our common stock such that the number of shares of common stock held by them in the aggregate and their affiliates after such conversion or exercise does not exceed 4.9% of the then issued and outstanding shares of common stock.

All of the above offerings and sales were deemed to be exempt under rule 506 of Regulation D and Section 4(2) of the Securities Act of 1933, as amended. No advertising or general solicitation was employed in offering the securities. The offerings and sales were made to a limited number of persons, all of whom were accredited investors, our business associates or our executive officers, and we restricted transfers in accordance with the requirements of the Securities Act of 1933, as amended. In addition to representations by the above-referenced persons, we have made independent determinations that all of the above-referenced persons were accredited or sophisticated investors, and that they were capable of analyzing the merits and risks of their investment, and that they understood the speculative nature of their investment. Furthermore, all of the above-referenced persons were provided with access to our

Securities and Exchange Commission filings.

Except as expressly set forth above, the individuals and entities to whom we issued securities as indicated in this Item 2 are unaffiliated with us.

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### Item 3. Defaults Upon Senior Securities

In the first quarter of 2006 all of the Series 2000 Convertible Promissory Notes became due and are now in default. The total principal and interest due at March 31, 2008 is \$3,603,793. We are formulating a plan to seek extensions of these notes and have recorded these notes as current liabilities. No collection action has been taken to date.

Our mortgage loan on the manufacturing facility is in default due to delinquent property taxes totaling \$13,535. The lender is aware of the situation and has taken no collection action. As a result of the default, the entire principal balance, in the amount of \$411,134, is included in current liabilities.

In addition to the above leases that are subject to litigation, there are three leases, with a recorded liability of \$148,871, that are in default. As required by U.S. Generally Accepted Accounting Principles, the principal balance of the leases that are in default have been classified as current liabilities.

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### Item 4. Submission of Matters to a Vote of Security Holders

On May 6, 2008 a special meeting of shareholders was held to vote on increasing the authorized shares from 1 billion to 20 billion. In addition, a proposal was brought to the meeting to change the par value of our common stock from \$0.001 to \$0.0001. Both measures passed with more than the required two thirds majority of the outstanding shares voting in favor of the proposals. A summary of the voting results follows:

|         |             |
|---------|-------------|
| For     | 673,936,930 |
| Against | 195,187,789 |
| Abstain | 7,044,763   |

The amendment to the Articles of Incorporation was approved by the Secretary of State of Texas on May 13, 2008 and is attached as Exhibit 3(i).

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### Item 6. Exhibits

EXHIBIT 3(i) AMENDMENT TO ARTICLES OF INCORPORATION 41

Exhibit 31.1 CERTIFICATION OF PRINCIPAL EXECUTIVE AND FINANCIAL  
OFFICER PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY

ACT OF 2002

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Exhibit 31.2 CERTIFICATION OF PRINCIPAL ACCOUNTING OFFICER PURSUANT  
TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002 45

Exhibit 32.1 CERTIFICATIONS OF PRINCIPAL EXZECUTIVE AND FINANCIAL  
OFFICER PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY  
ACT OF 2002 47

Exhibit 32.2 CERTIFICATIONS OF PRINCIPAL ACCOUNTING OFFICER PURSUANT  
TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 48

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934,  
the registrant has duly caused this report to be signed on its behalf by the  
undersigned, thereunto duly authorized.

ITRONICS INC.

DATED: May 15, 2008

By: /S/JOHN W. WHITNEY

John W. Whitney

President

(Principal Executive and Financial  
Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934,  
this Report has been signed below by the following persons on behalf of the  
Company and in the capacities and on the dates indicated

DATED: May 15, 2008

By: /S/JOHN W. WHITNEY

John W. Whitney

President

(Principal Executive and Financial

Officer)

DATED: May 15, 2008

By: /S/MICHAEL C. HORSLEY

Michael C. Horsley

Controller

(Principal Accounting Officer)