

STOCK EXCHANGE CODES

ASX: ADU
TSXV: ADU FSE: AXM

SHARE INFORMATION

## Issued Shares:

 154.5mUnlisted Options: 19.76 m

MINERAL
RESOURCES

Measured: 1.12Mozs 18.6 Mt $1.84 \mathrm{~g} / \mathrm{t}$

Indicated:
0.53 Moz
9.84Mt
$1.67 \mathrm{~g} / \mathrm{t}$

Inferred:
0.34 Mozs
6.43Mt
$1.64 \mathrm{~g} / \mathrm{t}$
ORE RESERVES

Proved:
0.68 Mozs
10.12Mt
$2.08 \mathrm{~g} / \mathrm{t}$

## Probable:

0.14Moz
1.90 Mt
$2.24 \mathrm{~g} / \mathrm{t}$
MARKET
CAPIOZ
Per Resource Oz US\$9

Per Reserve Oz US\$23

## Quarterly Report December 2008

## HIGHLIGHTS

## Southern Ashanti Gold Project (SAGP) - NOW PERMITTED

- Approval of the Environmental Permit by the Environmental Protection Agency (EPA) of Ghana. Adamus has now received all approvals required to commence mining at the SAGP.
- Further results from Deeper Drilling at the Salman Central / South project area confirm the excellent potential to significantly extend the know mineralisations to depths well below the current shallow 50-80 metres from surface.
- Interim cost containment measures implemented in line with current market conditions.


## Corporate

- During the quarter Adamus secured a $\$ 5$ million convertible loan facility from Macquarie Bank Limited. This will serve as an interim measure until Adamus commits to a full project finance facility to develop its SAGP.
- Adamus earlier raised funding through the private placement of 3.4 million shares to Resource Capital Funds at a price of $\$ 0.30$ per share.




## Overview

Adamus took a major step towards commencement of mining at its SAGP in Ghana with the awarding of the Environmental Permit by the Environmental Protection Agency of Ghana (EPA) on 16 December 2008.

The approval of the Environmental Permit follows extensive baseline environmental studies, which formed the basis of the Environmental Impact Statement, along with extensive community consultation programs and public hearings. Local communities will continue to be kept informed of and educated on environmental issues, as well as project status.

The permit means that Adamus has now received all approvals required to commence mining at the SAGP. The draft Fiscal Stability Agreement remains with the Minerals Commission for approval, however a Ghana Government letter of support (comfort letter) has been issued confirming certain fiscal concessions will be available for the project development, including import and excise duty exemptions. It is intended to finalise the Fiscal Stability Agreement in the first quarter of 2009.

Ghanaian elections were held during the latter part of the quarter reconfirming Ghana's commitment to democratic government.

A Ghanaian company was awarded the contract for design, planning and site engineering of Phase 1 of the Salman village resettlement.



## Highlights of Exploration

Continued exploration success at SAGP tenements during the period, including:

- Deeper drilling results at Salman significantly extended mineralisation well beyond current mineral resource
- Structural study of Anwia revealed depth potential
- Anwia geotechnical holes revealed excellent intersections


## Exploration Activities - Summary

Exploration at the SAGP continued during the quarter with soil geochemical traverses, plotting and interpretation of the recently completed Diamond and RC drill programme data and a structural study of the mineralisation at Anwia. Other field exploration slowed in preparation for the upcoming wet season. As highlighted in the previous Quarter, geological interpretation of the excellent results from below the current Salman North and Teberu pit areas continued to confirm the structural model of the Salman Trend that indicates both depth and strike extensions to the current mineralisation can be expected along the majority of the Trend. This is especially so in areas where the sub-vertical phyllite / greywacke boundary "rolls over" at depth. These areas will continue to be the target for future
 Salman exploration.

Sampling of a previously unsampled geotechnical hole from Anwia provided several significant intersections.

## Deeper Drilling Salman

During the Quarter, the Company announced further results from the deeper drilling at the Salman Central / South project area. As with the previously reported initial results, these new results again confirmed the excellent potential to significantly extend the known mineralisation to depths well below the current shallow 50-80 metres from surface.

This drilling was targeted at extending the base of mineralisation up to $50-100$ metres below the current mineral resource. Results received to date successfully extend the known mineralisation. A significant result of 20 metres @4.8g/t from 64m in hole SNRC885 on section 551550N at the southern end of the deposit indicates a substantial zone of mineralisation at depth below lower grade zone near-surface mineralisation.


The intersection supports the structural theory that the current mineralisation plunges to the south and this hole has intersected that zone. This is further supported by an intersection of $16 \mathrm{~m} @ 2.42 \mathrm{~g} / \mathrm{t}$ on the section 25 m north which also intersected the same zone but closer to the surface.

All of the sections under the recent drilling and the majority of sections along the remainder of Salman South / Central remain open at depth. Importantly, these deeper (yet still shallow) holes further confirm the results of the recent structural study of the Salman Trend. As a result, it is predicted that the extension of mineralisation below the southern end of the Trend may be repeated at the other 8 northern deposits spread along the 7 kilometre length of the Salman Trend.

See Appendix 1 for table of significant intercepts.

## Anwia Structural Study

Field studies of the structural environment at Anwia were completed during the quarter by Dr Greg Cameron. The study identified that there is a strong supergene control on the "flat" quartz veins and that these veins were emplaced after a steeper higher grade vein set. The vertical set is expected to extend to depth. The results to date auger well for the further exploration potential of the area. A final report on the study is expected during the current quarter.

Results were also received for 2 geotechnical holes drilled in 2007 that were not sampled at the time. The results (available as Appendix 2) confirm both the presence of the nearer surface flat veins and unexpectedly, steeper, deeper quartz veins which were intersected in hole AWRCD096.

## Soil Geochemistry

Regional soil geochemistry programs have continued in both the north and east of the SAGP project areas. Results from the previous Quarter of sampling have produced numerous zones of anomalous geochemistry with results of over 1500 ppb having been obtained from discrete zones. These areas are planned to be mapped in detail and trench sampled to further delineate the source of mineralisation.


## Project Development

The following work was undertaken during the quarter:

## Feasibility Model Review

Updates to the feasibility model have been completed to reflect current commodity, fuel and power prices. Results are currently being analysed.

## Plant Options

Adamus has continued to assess opportunities for suitable used CIL processing plants and components as an alternative to the use of new equipment which was assumed in the Feasibility Study. More recent primary focus has been in Australia in view of the current exchange rates.

## Power Options

Adamus continues to study cheaper alternative power options including coal. An initial survey of the power route and suppliers has taken place.

| OUR PROGRESS AT NZEMA GOLD OPERATIONS |  |
| :--- | :--- |
| Mining Licenses - Awarded | Apr 2008 |
| Detailed Feasibility Study Update | Jun 2008 |
| All Permitting \& Environmental Assessment for Final Reviews | Jun 2008 |
| EPA Public Forums | Aug 2008 |
| EIS Finalisation for Environmental License | Oct $\mathbf{2 0 0 8}$ |
| EPA Environmental Permit - Awarded | Dec $\mathbf{2 0 0 8}$ |

## UPDATE ON PROJECT DEVELOPMENT SCHEDULE

Financing

Final Government Approvals for Investment Stability Agreement
Q1 2009
Ministerial Approvals
Q1 2009


## On Ground Activities - Ghana

Adamus is aware of its responsibility as an agent of sustainable development and aims to be an active and committed partner in the communities where we live, work and conduct business.


Education and discussion with community stakeholders regarding the development of the SAGP, most specifically in regard to environmental issues continued. Consultation included local radio announcements, distribution of background documentation, a series of information sharing meetings with key stakeholders and all residents, establishment of community notice boards and focus group discussions. More than 125 community members attended workshops held to discuss the Environmental Impact Statement (EIS) which includes provision for ongoing consultation, the development of resettlement package agreements and the training and development of local infrastructure.

Adamus further continued its commitment to the development of the catchment communities affected by the SAGP. To this end a number of projects were undertaken and donations of goods and services made including the provision of power poles to Akango, cement to Kikam for the building of a community library and gifts for Kundum Festivals throughout the area.

Design concepts for the Salman resettlement are currently being analysed and reviewed. Once preliminary information is validated, conceptual designs for the new village layout will begin.

The year 2008 heralded successful resettlement negotiations, completion of 2008-2009 Acreage Crop Rate Review, undertaking 5 mine tours within other communities, completion of Salman, Akango and Teleku Bokazo RAP's, completion of EPA public hearings at Salman and Teleku Bokazo, EIS education, and renaming of the Southern Ashanti Gold Project into Nzema Gold Operations to recognise the local people.


About Adamus
Adamus Resources Limited is a Perth-based mineral exploration company, listed on Australian Securities Exchange (ASX), TSX Venture Exchange (TSX-V) and Frankfurt Stock Exchange Open Market (FSE).

The Company's primary focus is on exploring, realising and expanding the economic potential of the Southern Ashanti Gold Project in Ghana, West Africa. The Project encompasses approximately $626 \mathrm{~km}^{2}$ of tenure in the Ashanti Gold Belt - host to over 100 moz of gold and the Project boasts excellent access to port and road infrastructure. Ghana is a stable West African country with a long history and some of the world's largest gold mining operations. Gold production is vital to the national economy. Members of the Adamus Board and management team have proven records in mineral exploration, project development and project financing.

For further information please contact:

Mark Bojanjac - Managing Director/CEO<br>+61 893225943<br>email: mark@adamusresources.com.au

Mark Connelly - Executive Director/COO<br>+61 893225943<br>email: mark.connelly@adamusresources.com.au

## Kind regards <br> 11 m

## Mark Bojanjac <br> Managing Director/CEO

Information in this announcement pertaining to exploration results and mineral resources was compiled by Ron Heeks, an employee of Adamus Resources Limited, who is a Member of The Australasian Institute of Mining and Metallurgy and has more than 5 years experience in estimation of recoverable resources in gold deposits. He qualifies as a "Qualified Person" under Canadian National Instrument 43-101 - Standards of Disclosure for Mineral Projects. Ron Heeks has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a "Competent Person" as defined in the JORC Code. Ron Heeks consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.

The TSX-V and ASX do not accept responsibility for the adequacy or accuracy of this release. No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein.

Caution Regarding Forward Looking Statements.

Statements regarding Adamus' plans with respect to its mineral properties are forward-looking statements. There can be no assurance that Adamus' plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that Adamus will be able to confirm the presence of additional mineral deposits, that any mineralization will prove to be economic or that a mine will successfully be developed on any of Adamus' mineral properties. Circumstances or management's estimates or opinions could change. The reader is cautioned not to place undue reliance on forward-looking statements.

## APPENDICES

Appendix 1 - Table of Significant Intersections - Salman South / Central Area

| HolelD | East | North | R | Azi | Dip | Eoh | From | Intersection $\mathrm{g} / \mathrm{t}$ Au |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SNRCD848 | 584151.152 | 551776.097 | 71.261 | 90 | -60 | 196.1 | 15 | 6m@ 1.31* |
|  |  |  |  |  |  |  | 34 | 2m@ 2.44* |
|  |  |  |  |  |  |  | 80 | 7m@ 4.71 |
| SNRC851 | 584226.283 | 551978.263 | 42.086 | 90 | -60 | 100 | 72 | 3m@ 4.79 |
| SNRC854 | 584104.349 | 551551.497 | 42.43 | 90 | -60 | 150.0 | 62 | 19m @ 1.57 |
|  |  |  |  |  |  |  | 86 | 19m@ 3.58 |
| SNRC859 | 584160.124 | 551926.232 | 37.111 | 90 | -60 | 100.0 | 45 | 7m @ 3.89 |
| SNRCD852 | 584113.663 | 551725.412 | 72.369 | 90 | -60 | 172.6 | 73.2 | 6m@ 2.56 |
|  |  |  |  |  |  |  | 100.2 | 3.8m@3.11 |
| SNRCD853 | 584127.786 | 551624.666 | 41.093 | 90 | -60 | 111.1 | 65 | 8m @ 3.75 |
| SNRCD855 | 584099.585 | 551523.931 | 48.498 | 90 | -60 | 130.0 | 17 | 4m@ 2.34 |
| SNRCD856 | 584148.771 | 551751.453 | 71.302 | 90 | -60 | 195.3 | 154 | 25m @ 3.14 |
| SNDD850 | 584151.043 | 551599.019 | 32.727 | 90 | -45 | 70.4 | 20.4 | 3m@ 2.29 |
|  |  |  |  |  |  |  | 43.5 | 3.9m@ 6.00 |
| SNRC863 | 584078.390 | 551325.350 | 34.043 | 90 | -60 | 65.0 | 1 | 7m@ 3.85 |
| SNRC865 | 584126.058 | 551573.314 | 37.361 | 90 | -60 | 96.0 | 36 | 16m@ 2.42 |
|  |  |  |  |  |  |  | 64 | 16m@ 2.56 |
| SNRCD861 | 584087.422 | 551477.119 | 46.771 | 90 | -60 | 93 | 80 | 7m@ 5.19 |
| SNRCD864 | 584106.494 | 551602.006 | 42.349 | 90 | -60 | 161.7 | 0 | 4m@ 4.26 |
|  |  |  |  |  |  |  | 77 | 7m@ 2.56 |
| SNRCD866 | 584122.890 | 551651.176 | 49.272 | 90 | -60 | 127.7 | 100 | 8m @ 2.46 |
| SNRC876 | 584125.307 | 551325.389 | 44.404 | 90 | -60 | 60.0 | 39 | 10m @ 2.27 |
| SNRCD870 | 584175.251 | 551801.761 | 70.923 | 90 | -80 | 118.0 | 2 | 12m@ 7.12 |
|  |  |  |  |  |  |  | 59 | 9m@ 5.37 |
| SNRCD872 | 584123.456 | 552126.055 | 54.269 | 90 | -60 | 118.0 | 93 | 11m @ 1.9 |
| SNRCD877 | 584126.133 | 551275.781 | 53.559 | 270 | -60 | 102.0 | 40 | 8m@ 2.04 |
| SNRC883 | 584073.497 | 552851.229 | 19.573 | 90 | -60 | 113.0 | 68 | 8m@ 1.6 |
|  |  |  |  |  |  |  | 92 | 4m@ 2.36 |
|  |  |  |  |  |  |  | 104 | 4m@ 2.15 |
| SNRC884 | 584124.672 | 551573.482 | 37.395 | 90 | -80 | 114.0 | 64 | 20m@1.08 |
| SNRC885 | 584103.210 | 551551.495 | 42.559 | 90 | -80 | 132.0 | 104 | 20m@ 4.8 |
| SNRC887 | 584468.800 | 554278.844 | 10.885 | 270 | -60 | 78.0 | 52 | 16m @ 2.6 |
| SNRC888 | 584492.566 | 554427.978 | 26.577 | 270 | -60 | 114.0 | 0 | 8m @ 8.29 |
|  |  |  |  |  |  |  | 104 | 4m@ 3.33 |
| SNRC889 | 584511.417 | 554310.857 | 9.799 | 270 | -60 | 90.0 | 60 | 12m@ 1.86 |
| SNRCD881 | 583900.896 | 551351.690 | 42.805 | 90 | -60 | 100.0 | 72 | 8m@ 3.87 |
| SNRCD882 | 583916.898 | 551376.217 | 51.532 | 90 | -60 | 72.0 | 60 | 4m@ 5.01 |



Appendix 2 - Results of AWDD086 and AWRCD096 - Anwia

| Prospect | Location |  | Orientation |  | Hole Depth | Intersection |  | Metres | Au (g/ti) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hole | East | North | Azi | Dip | (m) | From(m) | To(m) |  |  |
| AWDD086 | 575316.27 | 550839.78 | 230 | -70 | 78 | 0 | 5 | 5.00 | 3.09 |
|  |  |  |  |  |  | 12.5 | 14 | 1.50 | 20.46 |
|  |  |  |  |  |  | 19 | 33 | 14.00 | 2.99 |
|  |  |  |  |  |  | 38 | 43 | 5.00 | 5.02 |
|  |  |  |  |  |  | 47 | 50 | 3.00 | 5.55 |
|  |  |  |  |  |  | 56 | 59 | 3.00 | 1.33 |
| AWRCD096 | 575397.95 | 550907.84 | 230 | -70 | 135.6 | 95 | 96 | 1.00 | 0.63 |
|  |  |  |  |  |  | 117 | 130 | 13.00 | 6.19 |
|  |  |  |  |  |  | 134 | 135.5 | 1.50 | 1.84 |

Notes

1) RC samples collected in 1 m intervals and riffle split. Half sawn HQ diamond core submitted for assay.
2) Assaying conducted by Transworld Laboratories, Tarkwa, Ghana using industry standard 50 g lead collection fire assay with AAS finish.
3) Reference standards, field duplicates and blank samples are routinely inserted at 1:20 and assays of quality control samples are routinely monitored.
4) Assays are reported within the limits of $0.01 \mathrm{~g} / \mathrm{t}$ analytical precision.
5) Lower intersection cut-off grade $0.5 \mathrm{~g} / \mathrm{t} \mathrm{Au}$,
6) Maximum included internal dilution 2 m .
7)     * RC drillhole with diamond tail
8) **Diamond hole.

## Appendix 5B

## Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001.

Name of entity
Adamus Resources Limited

ABN
Quarter ended ("current quarter")

$\square$

## Consolidated statement of cash flows



[^0]Appendix 5B
Mining exploration entity quarterly report

| 1.13 | Total operating and investing cash flows (brought forward) | $(3,235)$ | $(6,455)$ |
| :---: | :---: | :---: | :---: |
| Cash flows related to financing activities |  | 1,020 | 3,060 |
| 1.14 | Proceeds from issues of shares, options, etc. |  |  |
| 1.15 | Proceeds from sale of forfeited shares |  |  |
| 1.16 | Proceeds from borrowings* | 1,000 | 1,000 |
| 1.17 | Repayment of borrowings |  |  |
| 1.18 | Dividends paid |  |  |
| 1.19 | Other (provide details if material) : | - | (11) |
|  | Costs of capital raising |  |  |
|  | Investor relations costs | (21) | (54) |
|  | Net financing cash flows | 1,999 | 3,995 |
|  | Net increase (decrease) in cash held | $(1,236)$ | $(2,460)$ |
| 1.20 | Cash at beginning of quarter/year to date | 2,473 | 3,697 |
| 1.21 | Exchange rate adjustments to item 1.20 |  |  |
| 1.22 | Cash at end of quarter | 1,237 | 1,237 |

Payments to directors of the entity and associates of the directors
Payments to related entities of the entity and associates of the related entities

| 1.23 | Aggregate amount of payments to the parties included in item 1.2 | Current quarter <br> $\$ A^{\prime} 000$ |
| :--- | :--- | ---: |
|  |  | 181 |
| 1.24 | Aggregate amount of loans to the parties included in item 1.10 |  |
| 1.25 | Explanation necessary for an understanding of the transactions |  |
|  |  |  |

## Non-cash financing and investing activities

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows
$\square$
2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest
$\square$

[^1]
## Financing facilities available

Add notes as necessary for an understanding of the position.
3.1 Loan facilities **
3.2 Credit standby arrangements

| Amount available <br> $\$ A^{\prime} 000$ | Amount used <br> $\$ A^{\prime} 000$ |
| ---: | ---: |
| 5,000 | 1,000 |
|  |  |

**The Company has secured a $\$ 5 \mathrm{~m}$ convertible loan facility with Macquarie Bank Limited, which was announced on 4 December 2008.

## Estimated cash outflows for next quarter

| 4.1 | Exploration and evaluation | \$ ${ }^{\prime} \times 000$ |
| :---: | :---: | :---: |
|  |  | - |
| 4.2 | Development | 750 |
|  | Total | 750 |

## Reconciliation of cash

| Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows. | Current quarter \$A’000 | Previous quarter \$A'000 |
| :---: | :---: | :---: |
| 5.1 Cash on hand and at bank | 140 | 2,473 |
| 5.2 Deposits at call | 1,097 | - |
| 5.3 Bank overdraft |  |  |
| 5.4 Other (provide details) |  |  |
| Total: cash at end of quarter (item 1.22) | 1,237 | 2,473 |

## Changes in interests in mining tenements

6.1 Interests in mining tenements relinquished, reduced or lapsed
6.2 Interests in mining tenements acquired or increased

| Tenement <br> reference | Nature of interest <br> (note (2)) | Interest at <br> beginning <br> of quarter | Interest at <br> end of <br> quarter |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

[^2]
## Appendix 5B <br> Mining exploration entity quarterly report

## Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

|  |  | Total number | Number quoted | Issue price per security (see note 3) (cents) | Amount paid up per security (see note 3 ) (cents) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7.1 | Preference ${ }^{+}$securities (description) Changes during quarter <br> (a) Increases through issues <br> (b) Decreases through returns of capital, buy-backs, redemptions |  |  |  |  |
| 7.2 |  |  |  |  |  |
| 7.3 | ${ }^{+}$Ordinary securities | 154,492,376 | 154,492,376 |  |  |
| 7.4 | Changes during quarter <br> (a) Increases through issues <br> (b) Decreases through returns of capital, buy-backs (share cancellation) |  |  |  |  |
| 7.5 | ${ }^{+}$Convertible debt securities (description) |  |  |  |  |
| 7.6 | Changes during quarter <br> (a) Increases through issues (b) Decreases through securities matured, converted |  |  |  |  |
| 7.7 | Options (description and conversion factor) | $\begin{array}{r} 300,000 \\ 750,000 \\ 2,500,000 \\ 1,000,000 \\ 3,350,000 \\ 250,000 \\ 250,000 \\ 250,000 \\ \hline \end{array}$ |  | Exercise price 86 cents 80 cents 65 cents 75 cents 75 cents 75 cents 90 cents 110 cents | Expiry date 31 January 2009 11 September 2009 31 October 2010 30 November 2010 31 March 2011 30 September 2010 30 September 2010 30 September 2010 |
| 7.8 | Issued during quarter |  |  |  |  |
| 7.9 | Exercised during quarter |  |  |  |  |
| 7.10 | Expired during quarter | $\begin{aligned} & \hline 100,000 \\ & 750,000 \\ & \hline \end{aligned}$ |  | 70 cents <br> 86 cents | 31 October 2008 30 October 2008 |

[^3]| 7.11 | Debentures <br> (totals only) |  |  |
| :--- | :--- | :--- | :--- |
| 7.12 | Unsecured notes <br> (totals only) |  |  |
|  |  |  |  |

## Compliance statement

1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).

2 This statement does give a true and fair view of the matters disclosed.



Sign here:
Date: 30 January 2009
Company Secretary

Print name: Ian Cunningham

## Notes

1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.

2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.

3 Issued and quoted securities The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.

4 The definitions in, and provisions of, $A A S B$ 1022: Accounting for Extractive Industries and AASB 1026: Statement of Cash Flows apply to this report.

5 Accounting Standards ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

$$
========
$$

[^4]
[^0]:    + See chapter 19 for defined terms.

[^1]:    + See chapter 19 for defined terms.

[^2]:    + See chapter 19 for defined terms.

[^3]:    + See chapter 19 for defined terms.

[^4]:    + See chapter 19 for defined terms.

