



# 27 July 2017

ASX Code: PMY ABN 43 107 159 713

#### CORPORATE DIRECTORY

#### **Managing Director**

Simon Noon

#### **Directors**

Richard Monti (Chairman)
Peter Harold (Non-exec.)
Andrew Parker (Non-exec.)

#### **Company Secretary**

Patrick Holywell

#### **Registered office**

Level 10, 553 Hay St Perth WA 6000

#### **Telephone:**

+61 8 6266 8642

#### Facsimile:

+61 8 9421 1008

#### Email:

info@pacificominerals.com.au





# **Quarterly Activities Report – June 2017**

Pacifico Minerals Limited ("Pacifico" or "Company") is pleased to provide its activities report for the June 2017 quarter.

# **Highlights**

#### **AUSTRALIA**

Borroloola West Joint Venture - Copper/Zinc/Lead/Cobalt/Silver

- Fieldwork ahead of drilling completed
- EM survey over Coppermine Creek completed and results received
- Diamond drilling (5 holes for 1500m) planned to commence shortly to test for major primary copper and zinc-lead mineralisation
- Targets for diamond drill testing established at Coppermine Creek (copper cobalt silver), Mariner (zinc lead) and Berjaya (zinc lead).
- Co-funding committed by the Northern Territory Department of Industry and Primary Resources covering 50% of direct diamond drilling costs (maximum value of funding being \$165k) at Mariner, Berjaya and Coppermine Creek prospects.
- Sandfire Resources to maintain interest and fund 49% of exploration costs towards the Borroloola West Joint Venture (Pacifico 51%).
- Aircore drilling program planned at Lorella to test for primary and oxide copper mineralisation, subject to preliminary metallurgical testwork on the oxide copper mineralisation

# COLOMBIA

Berrio Project - Gold

- Tenure rationalised with Pacifico receiving US\$200,000 from Anglo Gold Ashanti and the remaining US\$400,000 acquisition payments no longer payable
- Exploration commenced over titles and applications which cover areas of the Segovia and Antioquia Batholiths and which are prospective for large gold systems in vein and stockwork systems.

#### **CORPORATE & FUNDING**

- Fully subscribed share placement to raise approximately \$0.9 million from institutional and sophisticated investors completed and shares allotted
- Funds raised to be primarily applied to exploration at the Borroloola West
   Project in the Northern Territory, Australia
- Consolidated cash balance at 30 June 2017 was approximately \$1.6 million.



#### **Australia**

# Borroloola West Joint Venture, Northern Territory - Copper/Zinc/Lead/Silver - PMY 51%

The Borroloola West Joint Venture ("BWJV") consists of 12 exploration licences and 1 mining licence (1,817 km²), and lies west and northwest of the world class McArthur River zinc-lead mine and Teck's zinc-lead resource at the world class Teena deposit (Figure 1). The parties to the BWJV are 51% Pacifico Minerals Limited ("Pacifico" or "Company") (ASX code: PMY) and 49% Sandfire Resources NL ("Sandfire") (ASX code: SFR).

Sandfire continues to contribute its 49% share of all exploration costs.

Drilling has been delayed while the ground EM at Coppermine Creek was processed, the results assessed, and drill collars revised. We are waiting for further interpretation by an expert on the McArthur River sedimentary basin before the diamond drill collars are finalised. Drilling is now anticipated to commence early August.

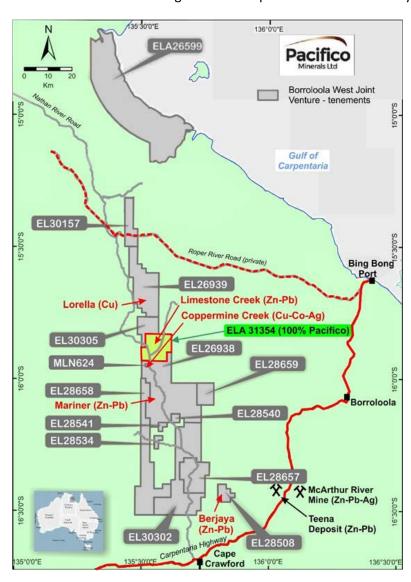


Figure 1: Borroloola West Joint Venture Tenements (Pacifico 51%, and Sandfire 49%), ELA 31354 (Pacifico 100%), and prospects



# Coppermine Creek prospect (copper)

A ground electromagnetic survey ("ground EM") has been completed over part of the prospect, with lines 200m apart. Conductivity profiles confirm our 3D geological model, built up from projecting previous drilling information, of gently dipping stratigraphy. While a distinct conductive body within the ground EM survey area was not delineated, significant disseminated copper mineralisation would not be detected with this survey method. The interpretation of a stratabound copper mineralised horizon lying beneath 200m to 250m of gently dipping dolomitic siltstones of the Amelia Dolomite is borne out by sulphide veins and disseminations with significant copper grades and thickness intersected by previous drilling, and associated with intense fracturing, brecciation and dolomite-silica alteration of Mount Isa Copper / Nifty deposit style. Copper mineralisation can be observed at surface as outcropping gossans with malachite staining over a strike length of at least 1.5km. Reverse circulation and diamond drilling by Pacifico and previous explorers has produced results including 30m @ 1.1%Cu in RC hole GPR07¹, 34m @ 0.5%Cu in RC hole GPR09¹ and 10m of 1.3% Cu in CCR08 (ASX announcement 23 November 2016).

Two diamond drill holes are planned to test the stratabound mineralised horizon within the Amelia Dolomite by drilling the projected mineralised horizon downdip to the south, and stepping out to an interpreted major structural intersection (figure 2).

Oxidised copper mineralisation occurs from surface to depths of from 35m to 50m over a projected strike length of at least 800m. Test work on mineralised chips from CCR08 drilled by Pacifico in 2016 was carried out. Results from the mineralogical examination, sequential assay and bottle roll tests all indicate that the ore is not amenable to either acid or non-acid leaching methods. It appears that most of the copper is locked in solid solution with iron oxides.

<sup>1</sup>Carrington Mines Ltd drill intersections – Northern Territory Geological Survey open file report, January 1994. Eupene Exploration Enterprises for Mount Carrington Mines Ltd.



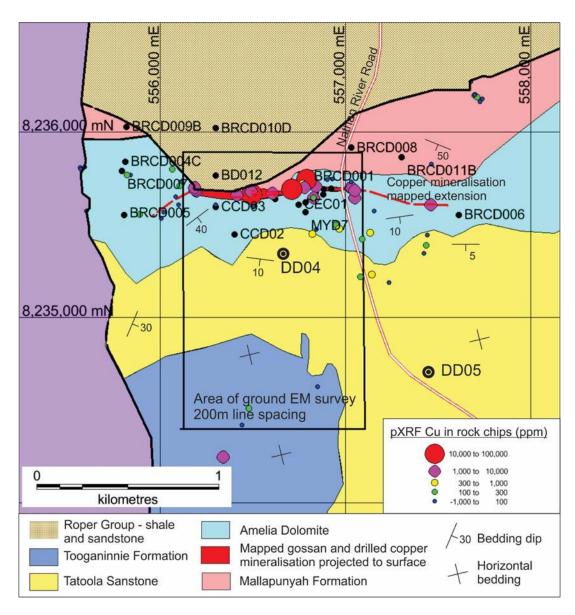


Figure 2: Coppermine Creek – interpreted geology showing copper mineralisation, outline of ground EM survey, and planned diamond drill collars DD04 and DD05.

#### Mariner prospect (zinc-lead)

Geological mapping and portable X-Ray Fluorescence instrument ("pXRF") reconnaissance geochemistry of float and outcrop was extended northwards over the area considered to have room for the development of significant mineralisation beneath the younger Roper Group sediments (figure 3). Mapping and previous RC drilling by Pacifico has shown that there is significant oxidised lead (with some zinc and copper) mineralisation at the base of the Roper Group, that is considered to have moved by hydromorphic dispersion along the base of the Roper Group. The 2016 reverse circulation drill program intersected geochemically high lead values (21m of 1.0%Pb in MNR01: see ASX announcement 23 November 2016).

Planned diamond drill holes DD01 and DD02 are designed to test the McArthur Group sediments down to 300m beneath the Roper Group in the northern part of the prospect area. Diamond drilling will test targets for McArthur River style stratiform zinc-lead mineralisation.



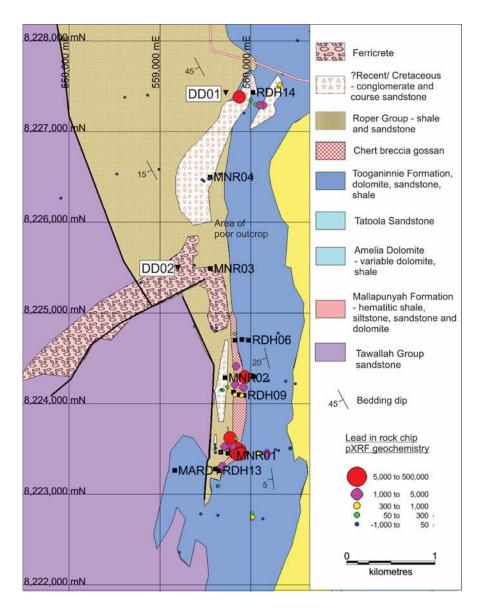


Figure 3: Mariner Prospect –interpretation geology map with pXRF geochemistry, also showing proposed diamond drill hole collars DD01 and DD02

#### Berjaya prospect (zinc-lead)

The Berjaya Prospect lies west and northwest of the world class McArthur River zinc-lead mine and Teck's zinc-lead resource at the world class Teena deposit (figure 1).

One diamond drill hole (figure 4) is planned to test a Versatile Time Domain Electromagnetic ("VTEM") conductive horizon, that appears to correspond to the position of the overall gently dipping Barney Creek Formation beneath the Hot Springs Formation. The Barney Creek Formation is prospective for stratiform McArthur River style zinc mineralisation.



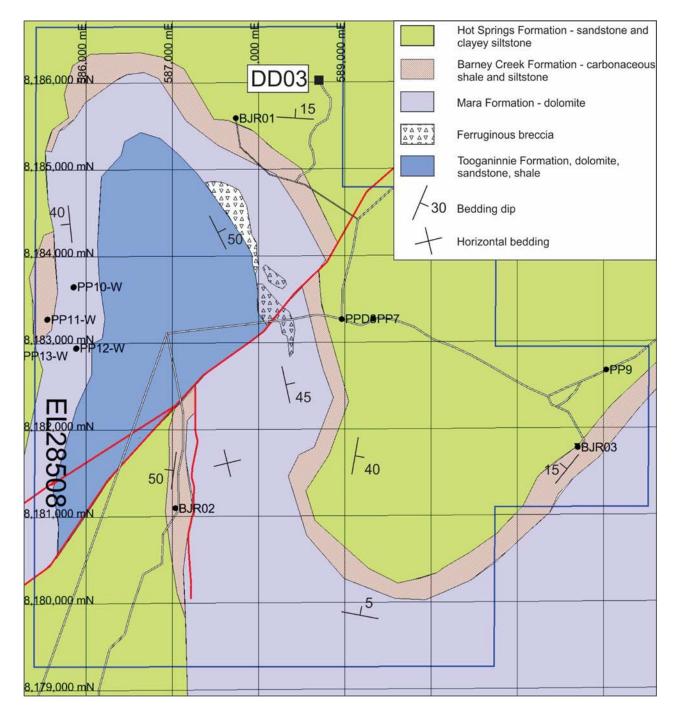


Figure 4: Berjaya – Geology interpretation, previous drilling by Pacifico and MIM, and planned diamond drill collar DD03

# Lorella prospect (copper)

An aircore program (2000m) is planned for the 2017 field season, subject to metallurgical testwork on oxide copper mineralisation, to test strike extensions of the mineralisation, both for indications of significant down-dip primary sulphide copper mineralisation and for oxide copper mineralisation hosted by the Amelia Dolomite. Preliminary metallurgical test work for acid and non-acid leaching will be carried out to ascertain if the oxide copper (low iron oxide content compared to the high iron content at Coppermine Creek) material is economically viable.



# Co-funding from the Northern Territory Government

Pacifico secured co-funding from the Northern Territory Government. The funding, with a maximum value of \$165,000, will be provided through the Northern Territory's Geophysics and Drilling Collaborations program and will cover 50% of the planned direct drilling costs at the Mariner, Berjaya and Coppermine Creek Prospects.

#### Colombia

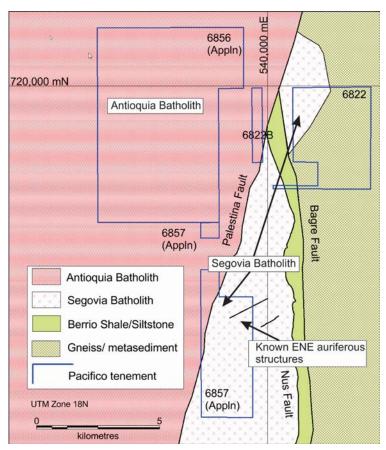
# Berrio Project - Gold

The Berrio Project is situated within the southern part of the Segovia Gold Belt from which several million ounces of gold have been produced over the past 150 years.

Pacifico announced that tenements considered unlikely to host significant gold deposits were to be returned to Anglo Gold Ashanti. As a result, Pacifico received US\$200,000 from Anglo Gold Ashanti and the remaining US\$400,000 acquisition payments to Anglo Gold Ashanti are no longer be payable by Pacifico.

Pacifico commenced exploration over titles and applications which cover areas of the Segovia and Antioquia Batholiths, prospective for large gold systems in vein and stockwork systems.

Reconnaissance geological mapping and rock chip sampling was carried out over all the Berrio tenements and applications. The results of this work indicate the southern part of concession 6857, and the north western portion of concession 6822 are of most interest with favourable structures and indications of hydrothermal activity. These areas will be followed up with 200m x 100m soil sampling grids.



**Figure 2: Berrio Tenements and Geology** 



# Natagaima Prospect - Copper/Silver/Gold

The Natagaima tenement application is situated in the department of Tolima, approximately 5km west of the navigable Magdalena River. It is located within the Middle Cauca Porphyry Belt. There was no activity on the project during the quarter. Follow up exploration will continue when the Natagaima tenement application is granted to Pacifico and will include detailed mapping and trenching of areas of interest.

# Urrao Project, Colombia – Copper/Gold/Silver

The Urrao Project is part of the Choco porphyry copper belt and is located 35km north west of Tarso in the municipality of Urrao and Salgar. The project consists of one granted tenement covering a total area of approximately 902 hectares. There was no activity on the project during the quarter.

# **Corporate**

Pacifico completed the fully subscribed share placement announced in the prior quarter with the final \$0.3 million received and shares allotted this quarter. Funds raised are to be primarily applied to exploration at the Borroloola West Project. The consolidated cash balance at 30 June 2017 was approximately \$1.6 million.

# For further information or to be added to our electronic mailing list please contact:

Simon Noon (Managing Director) Phone: +61 (0)8 6266 8642

Email: info@pacificominerals.com.au

#### **About Pacifico Minerals Ltd**

Pacifico Minerals Ltd ("Pacifico") (ASX: PMY) is a Western Australian based exploration company with exciting projects in Australia and Colombia. In Australia the operations are focussed on advancing the Borroloola West project in the Northern Territory. The Borroloola West Project covers an outstanding package of ground northwest of the McArthur River Mine (the world's largest producing zinc – lead mine) with high potential for the discovery of world class base metal deposits. In Colombia, the company is focussed on advancing its Berrio Gold Project. Berrio is situated in the southern part of the prolific Segovia Gold Belt. The project is 35km from the Magdalena River which is navigable to the Caribbean Sea and has excellent infrastructure in place including hydro power, sealed roads, water supply and telecommunications coverage.

# **Competent Person Statement**

The information in this report is based on information compiled by Mr David Pascoe, who is a Member of the Australian Institute of Geoscientists. Mr Pascoe is contracted exclusively to Pacifico Minerals Limited. Mr Pascoe 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 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Pascoe consents to the inclusion in this announcement of the matters based on information in the form and context in which it appears.



# **APPENDIX 1 – INTERESTS IN TENEMENTS**

Farm-in agreements/Projects/Tenements	Location	Held at end of quarter	Acquired during the quarter	Disposed during the quarter
Berrio Project:	Colombia	quarter	tile quarter	the quarter
6822	Colonibia	100%		
6822B		100%		
6823		100%		100%
6824				100%
				100%
6824B				
6825				100%
6826		0.60/		100%
IDI-16112X		8.6%		
IDI-16113X		8.6%		
HINN-02		8.6%		
JG1-09552		8.6%		
T1935005		8.6%		
IHF-08012		7.5%		
T1928005		5.7%		
Urrao Project:	Colombia			
2791		100%		
Borroloola West Project (earning up to 80%	NT,			
from Sandfire Resources):	Australia			
EL26938		51%		
EL26939		51%		
EL28508		51%		
EL28534		51%		
EL28540		51%		
EL28541		51%		
EL28657		51%		
EL28658		51%		
EL28659		51%		
EL30157		51%		
EL30302		51%		
EL30305		51%		
MLN624		51%		

Farm-out agreements/Tenements	Location	Held at end of quarter	Acquired during the quarter	Disposed during the quarter
Mount Jukes Project (Pacifico diluting to	Tasmania,	·		Ţ.
Corona Minerals Ltd):	Australia			
EL51/2008		15.19%		
EL12/2009		15.19%		

+Rule 5.5

# **Appendix 5B**

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

# Name of entity

Pacifico Minerals Ltd	
ABN	Quarter ended ("current quarter")
43 107 159 713	30 June 2017

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(153)	(804)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(93)	(386)
	(e) administration and corporate costs	(44)	(319)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	20
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Research and development refunds	-	-
1.8	Other		
	(a) receipts from JV partner (Sandfire)	123	501
	(b) reimbursement from Anglo	269	269
1.9	Net cash from / (used in) operating activities	102	(719)

2.	Cash flows from investing activities		
2.1	Payments to acquire:		
	(a) property, plant and equipment	-	
	(b) tenements (see item 10)	-	

<sup>+</sup> See chapter 19 for defined terms

1 September 2016

Page 1

Cons	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
	(c) investments	-	-
	(d) other non-current assets	-	-
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	-	-

3.	Cash flows from financing activities		
3.1	Proceeds from issues of shares	341	889
3.2	Proceeds from issue of convertible notes	-	-
3.3	Proceeds from exercise of share options	-	-
3.4	Transaction costs related to issues of shares, convertible notes or options	(41)	(41)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	300	848

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,167	1,440
4.2	Net cash from / (used in) operating activities (item 1.9 above)	102	(719)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	300	848

<sup>+</sup> See chapter 19 for defined terms 1 September 2016

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	1,569	1,569

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	1,549	599
5.2	Call deposits	20	20
5.3	Bank overdrafts	-	-
5.4	Other	-	548*
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	1,569	1,167

<sup>\*</sup> As per ASX announcement on 29/3/17, PMY raised ~\$0.9 million with \$548k received pre 31/3/17 and the remainder (\$341k) post 31/3/17. The allotment of shares took place on 4/4/17.

6.	Payments to directors of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to these parties included in item 1.2	89
6.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-
6.0	Include helew any explanation recognize to understand the transactic	and included in

6.3 Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2

Directors' fees, salaries and superannuation.	

7.	Payments to related entities of the entity and their associates	Current quarter \$A'000
7.1	Aggregate amount of payments to these parties included in item 1.2	-
7.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-
7.0		

7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2

N/A		

1 September 2016 Page 3

<sup>+</sup> See chapter 19 for defined terms

8.	Financing facilities available Add notes as necessary for an understanding of the position	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000	
8.1	Loan facilities	-	-	
8.2	Credit standby arrangements	-	-	
8.3	Other (please specify)	-	-	
8.4	Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.			
N/A				

9.	Estimated cash outflows for next quarter	\$A'000	
9.1	Exploration and evaluation	759*	
9.2	Development	-	
9.3	Production	-	
9.4	Staff costs	92	
9.5	Administration and corporate costs	91	
9.6	Other (provide details if material)	_	
9.7	Total estimated cash outflows	942	

<sup>\*</sup> Note: NT government will be reimbursing Pacifico for 50% of direct drilling costs (up to \$165k). In addition, Sandfire Resources, as joint venture partner, reimburses PMY 49% of all spend on the BWJV. Forecast spend on the BWJV is ~\$554k.

10.	Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced	N/A	Berrio project tenements: 6823 6824 6824B 6825 6826	Option to acquire 100%	Nil
10.2	Interests in mining tenements and petroleum tenements acquired or increased	N/A			

1 September 2016 Page 4

<sup>+</sup> See chapter 19 for defined terms

# **Compliance statement**

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

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

Sign here: Date: 27 July 2017

(Director/Company secretary)

Print name: Patrick Holywell

#### **Notes**

- 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 that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
- 2. If this quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

1 September 2016 Page 5

<sup>+</sup> See chapter 19 for defined terms