

ASX CODE IRC

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SHARES ON ISSUE 428M

OPTIONS (UNLISTED) 0.5M (\$0.25) 2.7M (\$0.29) 0.22M (\$0.69)

> PERFORMANCE RIGHTS 2.4M

MARKET CAP ~\$54M (undiluted)

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> Andrew Pumphrey GM - Boorara

> > COMPANY SECRETARY

Bianca Taveira

INVESTOR/MEDIA ENQUIRIES

#### Jon Price Michael Vaughan

#### KEY GOLD PROJECTS

Boorara Teal Anthill Binduli Blister Dam Windanya Yarmony Lakewood

VANADIUM PROJECTS

Richmond

WEBSITE www.intermin.com.au

# QUARTERLY ACTIVITIES REPORT FOR THE PERIOD ENDED 30 JUNE 2019

### HIGHLIGHTS

Dated: 23 July 2019

ASX/Media Release

- Scheme of Arrangement implemented, completing the Merger of Intermin and MacPhersons unlocking an expedited pathway for the creation of a new standalone gold producer in the Kalgoorlie region <sup>1</sup>
- Normal trading of new Intermin shares commenced on Monday 17 June 2019<sup>1</sup>
- An updated independent Mineral Resource estimate for Boorara now being compiled as part of the consolidated Feasibility Study
- Intermin and Focus Minerals Limited ("Focus") continue to progress the potential acquisition of Focus' Coolgardie Gold Project, which includes the 1.2Mtpa Three Mile Hill processing plant (currently on care and maintenance)<sup>2</sup>
- Subsequent to Quarter end, Focus and Intermin agreed to extend the Exclusivity period by three calendar months to enable finalisation of formal documentation and required approvals <sup>3</sup>
- Excellent drilling results received from the Crake project, part of the Binduli project area <sup>4</sup>
- Regional exploration drilling program continues with an initial 6,000m planned at Binduli, Teal East, Olympia, Scotia and Windanya in Kalgoorlie<sup>5</sup>
- Subsequent to Quarter end, Intermin divested its interest in the Menzies and Goongarrie gold projects to Kingwest Resources Limited for a total consideration of A\$8 million <sup>6</sup>
- Janet Ivy Mining Royalty payments of A\$0.50/t continue with A\$13,000 received in the March Quarter and regular quarterly payments expected through CY2019<sup>7</sup>
- Cash at bank of \$5.1 million and tradeable securities of A\$0.6 million

# SEPTEMBER QUARTER ACTIVITES <sup>7</sup>

- Formal transaction documentation and necessary approvals for the potential acquisition of the Coolgardie gold project
- Updated independent Mineral Resource estimate for the Boorara gold project
- Advancing the consolidated Feasibility Study
- Drilling and results as part of the 2019 exploration program
- Mining studies on the updated Resource model and metallurgical test work for the Crake and Anthill gold projects
- Further downstream metallurgical testwork and drilling results from the Richmond vanadium project
- Resource modelling of the Lilyvale vanadium prospect and progression of the PFS

<sup>1</sup> As announced to the ASX on 14 June 2019 <sup>2</sup> As announced to the ASX on 11 February 2019, <sup>3</sup> As announced to the ASX on 2 July 2019, <sup>4</sup> as announced to the ASX on 25 June 2019, <sup>5</sup> as announced to the ASX on 20 March 2019, <sup>6</sup> as announced to the ASX on 9 July 2019, <sup>7</sup> see Forward Looking and Cautionary Statement on Page 34.



Intermin Resources Limited (ASX: IRC) ("Intermin" or the "Company") is pleased to provide the June 2019 Quarterly Activities Report. Intermin is a gold exploration and development company with a key focus in the Kalgoorlie and Coolgardie regions of Western Australia (Figure 1) and has a number of joint ventures in place with quality partners covering multiple commodities in Western Australia and Queensland.

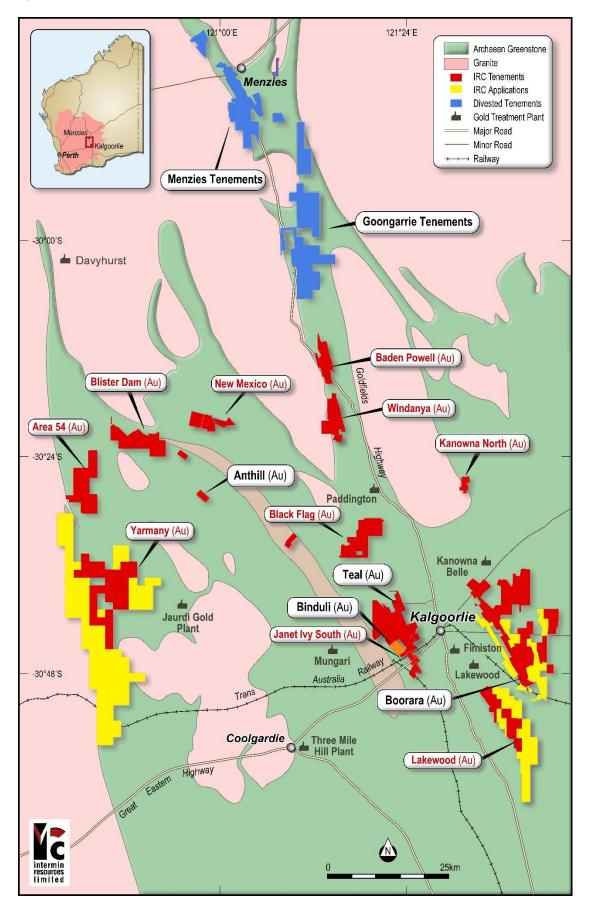


Figure 1: Intermin's Kalgoorlie gold project locations, regional geology and surrounding infrastructure

# INTERMIN AND MACPHERSONS MERGER

As announced to the ASX on 11 and 14 December 2018, Intermin and MacPhersons Resources Limited (MacPhersons) (ASX: MRP) executed a Merger Implementation Agreement (MIA) to combine the two companies by way of a Scheme of Arrangement, subject to MacPhersons shareholder and court approval.

This Scheme of Arrangement was approved by MacPhersons shareholders on 31 May 2019 and the Supreme Court of Victoria on 6 June 2019, and was implemented on 14 June 2019.

As a result, MacPhersons is now a wholly owned subsidiary of Intermin, with the transaction enabling the creation of a new emerging mid-tier gold production business to be named Horizon Minerals (subject to Intermin shareholder approval being sought on 24 July 2019) with a significant asset portfolio and an expedited pathway to production. The consolidation of the baseload Boorara project (Figure 2), with approvals in place and the higher grade surrounding projects within easy trucking distance provides the critical mass to underpin an expedited mine development and production pathway.

In accordance with the Scheme, Intermin has issued 192,586,736 fully paid ordinary shares ("shares") as consideration for the transfer of MacPhersons shares under the scheme to Intermin. Out of those 192,586,736 Intermin shares issued, 2,754,384 were issued to the sale agent to sell on behalf of ineligible foreign shareholders (refer to the Scheme Booklet released to the ASX by MacPhersons on 17 April 2019 for further details). This process is now complete.

Normal trading of these new Intermin shares commenced on Monday 17 June 2019.

Intermin has also granted 2,743,184 unlisted options, each exercisable at \$0.2912 on or before 9 December 2019 and 219,456 unlisted options, each exercisable at \$0.6988 on or before 28 February 2020, in consideration for the cancellation of all MacPhersons options that were on issue as at 14 June 2019.

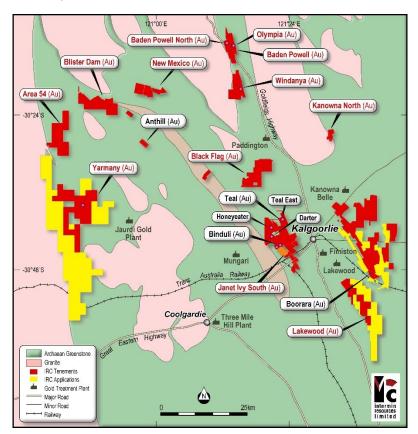


Figure 2: Combined Kalgoorlie gold project locations

Following the completion of the merger, Intermin has commenced integration of the assets into a consolidated Feasibility Study due for completion in the first half of 2020. As part of the Study, an updated independent Mineral Resource estimate for Boorara is being compiled together with mine optimisation and design work to generate Ore Reserves and an initial mine development and production plan.<sup>1</sup>

<sup>1</sup> See Forward Looking and Cautionary Statements on Page 34

As announced to the ASX on 11 February 2019, Intermin entered into an Exclusivity Deed with Focus Minerals Ltd ("Focus") relating to the potential acquisition of the 2.1Moz Coolgardie Gold Project (Figure 3), which includes the 1.2Mtpa Three Mile Hill processing plant (currently on care and maintenance) ("Proposed Transaction"). A deferred payment structure has been proposed totalling A\$40 million payable in cash and shares over a 3.5 year period.

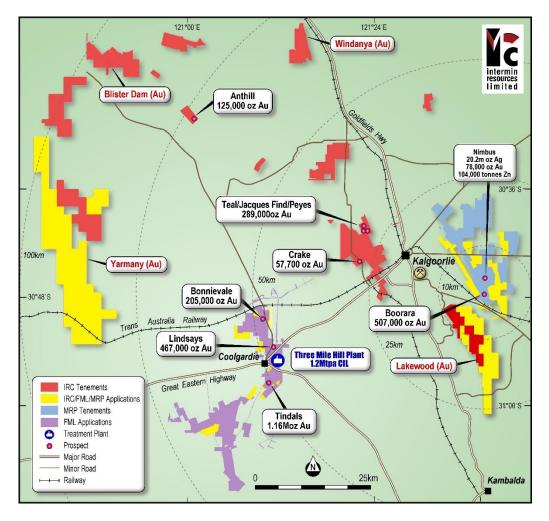


Figure 3: Intermin and the Coolgardie gold project locations <sup>1</sup>

# **Overview of the Coolgardie gold project**

The Coolgardie gold project covers 235km<sup>2</sup> of greenstone belt 45km west of Kalgoorlie-Boulder (Figure 3) comprising the following:

- Quoted Mineral Resource estimate of 27.3Mt grading 2.4g/t Au for 2,127,500 ounces<sup>1</sup>
- Quoted Ore Reserve estimate of 1.6Mt grading 3.2g/t Au for 171,000 ounces<sup>1</sup>
- A 1.2Mtpa processing plant currently on care and maintenance and a significant amount of open cut, underground and operations infrastructure
- The new Bonnie Vale underground discovery 10km north of the Coolgardie township with a quoted Mineral Resource estimate of 205,000 ounces grading 6.8g/t Au (including an Indicated Resource of 152,500 ounces grading 9.1g/t) and Ore Reserve estimate of 124,000 ounces grading 6.2g/t Au<sup>1</sup>
- The Brilliant open cut and underground project in Coolgardie with a quoted Mineral Resource estimate of 475,500 ounces grading 2.5g/t Au<sup>1</sup>

Subsequent to Quarter end and as announced to the ASX on 2 July 2019, Intermin and Focus have agreed to extend the Exclusivity period by 3 calendar months enabling the parties to finalise formal sale documentation and seek the required approvals.

# **EXPLORATION & EVALUATION**

# **TEAL GOLD PROJECT AREA (IRC 100%)**

At the Teal gold project located 11km northwest of Kalgoorlie (Figure 1 & 5), resource extension and new discovery drilling commenced in February 2018 with 20,000m planned as part of the 55,000m program for CY2018. The drilling program at the Teal gold camp was completed in August 2018 with 182 holes drilled for 23,545m to downhole depths of 60 to 270m.

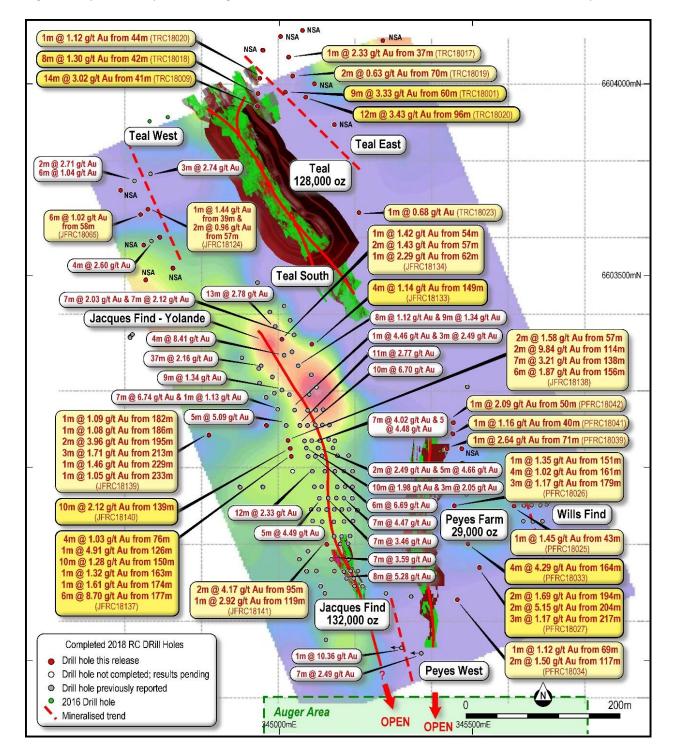


Figure 5: Location Plan: Jacques Find-Peyes Farm-Teal drilling overlaying IP chargeability

The geology is dominated by Black Flag sediments (felsic volcanics and sediments) with lesser amounts of porphyry and intermediate volcanic rocks. Primary gold mineralisation is typically associated with quartz and sulphides and faulting has displaced or pinched out some of the mineralisation. Primary mineralisation at depth exhibits semi-refractory properties and optimal recoveries are achieved through ultra-fine grinding, pressure oxidation or roasting. The shallow oxide supergene mineralisation is similar to the Teal gold mine where recoveries over 94% where achieved.

During the Quarter, drilling was completed at Teal east and Teal south (Figure 5) with results expected in the September Quarter 2019. The drilling tested a separate zone of significant parallel mineralisation 120m east of the Teal open cut gold mine completed in mid-2018.

In the September Quarter 2018, the new data from the 2018 drilling program was used to compile a detailed Mineral Resource Estimate which is compliant with the JORC 2012 Code by independent geological consultant Hawker Geological Services.

Intermin's updated Teal Project area Mineral Resource (JORC 2012) includes the Teal, Peyes Farm and Jacques Find deposits and shows an 80% increase in ounces compared to the previous Teal Resource (Table 1)<sup>1</sup>. The Mineral Resource for Teal has been depleted to take into account the recently completed Teal Stage 1 and 2 open cut developments.

The current Mineral Resource Estimate for the Teal project area now stands at:

### • 4.25Mt at 2.11 g/t Au for 289,000oz (>1.0g/t Au lower grade cut-off with various top cuts applied)<sup>1</sup>

Table 1: Teal Gold Project - Summary of Mineral Resources > 1.0g/t (see also JORC Table on Page 32)<sup>1</sup>

Deposit		Indicated			Inferred		Total Resource			
(1g/t cut-off)	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	
Teal	1.01	1.96	63,681	0.80	2.50	64,458	1.81	2.20	128,000	
Peyes Farm	0.31	1.65	16,313	0.22	1.77	12,547	0.53	1.70	29,000	
Jacques Find	1.60	2.24	114,854	0.32	1.68	17,135	1.91	2.14	132,000	
TOTAL	2.92	2.01	194,848	1.34	2.18	94,140	4.25	2.11	289,000	

Totals may differ due to rounding, Mineral Resource reported on a dry in-situ basis (Top cut of 30 g/t for Teal, 20g/t for Peyes and 35 g/t for Jacques Find applied).

The information in this table that relates to Mineral Resources is based on information compiled by Messrs David O'Farrell and Andrew Hawker. All are Members of the Australasian Institute of Mining and Metallurgy and are consultants to Intermin Resources Limited. The information was prepared and first disclosed under the JORC Code 2004 and has been updated to comply with the JORC Code 2012. Messrs O'Farrell and Hawker have sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration and to the activity that they are undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration, Results, Mineral Resource and Ore Reserves'. Messrs O'Farrell and Hawker consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.

# **ANTHILL GOLD PROJECT (IRC 100%)**

At the Anthill gold project located 55km northwest of Kalgoorlie-Boulder (Figures 1 and 6), over 15,000m of drilling was completed in 2018 with 112 holes drilled to an average depth of 120m and maximum depth of 280m. The drilling was focussed predominantly on extending known mineralisation beyond the current resource envelope to the north, south and east with excellent results received including<sup>1</sup>:

- 18m @ 3.13 g/t Au from 70m (AHRC18043)
- 31m @ 3.28 g/t Au from 112m including 1m @ 31.7 g/t Au from 130m (AHRC18079)
- 19m @ 2.70 g/t Au from 57m (AHRC18092)
- 10m @ 2.79 g/t Au from 80m (AHRC18051)
- 21m @ 1.94 g/t Au from 33m (AHRC18013)
- 25m @ 2.53 g/t Au from 132m (AHRC18017)
- 23m @ 3.22 g/t Au from 174m (AHRC18018)

The geology at Anthill is dominated by a variolitic basalt with lesser amounts of porphyry and ultramafic rocks observed. At least two mineralised trends are evident and add to the geological complexity at Anthill. The sequence sits within a synclinal structure. The gold mineralisation is pervasive and occurs in a number of settings, the most important being a quartz stock work or thin veins with carbonate-sericite-silica-sulphide alteration. Some of the gold is coarse and is easily visible in panned RC chips.

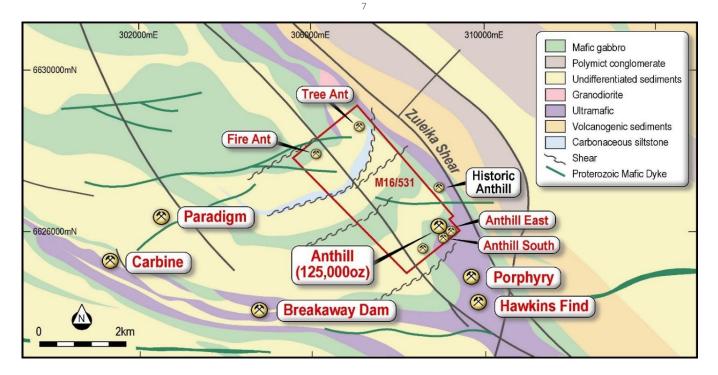


Figure 6: Anthill gold project regional prospect and geology plan

New mineralisation was discovered at Anthill East and Anthill South (Figure 6). Anthill South appears to be a strike extension of the main Anthill mineralisation. The new data has been used to compile a detailed Mineral Resource Estimate compliant with the JORC 2012 Code. The Mineral Resource for Anthill now stands at:

# • 2.28Mt @ 1.71g/t Au for 125,000 ounces at a 1.0g/t Au lower grade cut-off<sup>1</sup>

Further breakdowns of ore types and categories are shown in Tables 2 - 4.<sup>1</sup>

	Total Ord	linary Krig	ing Cut	Total Ord	linary Krig	ed Uncut	Total ID2 Cut			
cutoff	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	
0.5	4,964,840	1.18	188,584	4,964,675	1.19	190,075	4,836,894	1.19	185,143	
0.6	4,374,561	1.27	178,165	4,374,517	1.28	179,658	4,251,507	1.28	174,792	
0.7	3,793,427	1.36	166,021	3,793,851	1.37	167,523	3,652,618	1.38	162,295	
0.8	3,178,356	1.48	151,209	3,179,150	1.49	152,721	3,059,408	1.51	148,048	
0.9	2,696,173	1.59	138,079	2,697,459	1.61	139,603	2,590,674	1.62	135,284	
1	2,285,728	1.71	125,582	2,288,035	1.73	127,138	2,231,860	1.73	124,348	
1.5	1,100,902	2.25	79,527	1,107,035	2.28	81,232	1,084,858	2.28	79,690	
2	549,821	2.78	49,159	558,837	2.84	51,023	554,526	2.83	50,397	

### Table 2: Anthill Project – Resource Summary Comparison at different cut-off grades<sup>2</sup>

Table 3: Anthill Project – Comparison of Indicated and Inferred Resources<sup>1</sup>

### Indicated

cutoff	Tonnes	Au (g/t)	Ounces
0.5	3,146,808	1.23	124,283
0.6	2,806,503	1.31	118,276
0.7	2,453,625	1.41	110,890
0.8	2,094,024	1.52	102,254
0.9	1,782,510	1.64	93,771
1	1,510,713	1.76	85,495
1.5	733,412	2.34	55,281
2	390,308	2.89	36,308

#### Inferred

cutoff	Tonnes	Au (g/t)	Ounces
0.5	1,818,028	1.10	64,281
0.6	1,568,054	1.19	59,876
0.7	1,339,798	1.28	55,121
0.8	1,084,328	1.40	48,953
0.9	913,660	1.51	44,305
1	775,013	1.61	40,084
1.5	367,488	2.05	24,243
2	159,511	2.51	12,856

<sup>1</sup> as announced to the ASX on 18 December 2018 see Competent Persons statement on page 8

	Oxide OK-Cut			Trai	nsition OK	-Cut	Fresh OK-Cut			
cutoff	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	
0.5	647,340	1.02	21,232	410,661	1.14	15,072	3,843,552	1.22	150,190	
0.6	557,664	1.10	19,649	357,052	1.23	14,123	3,405,998	1.30	142,481	
0.7	469,176	1.18	17,797	304,796	1.33	13,034	2,974,990	1.40	133,474	
0.8	384,374	1.28	15,757	258,931	1.43	11,934	2,497,552	1.52	121,977	
0.9	310,417	1.38	13,741	217,510	1.55	10,805	2,137,160	1.63	112,162	
1	246,351	1.49	11,792	180,385	1.67	9,678	1,832,024	1.75	102,872	
1.5	91,209	1.98	5,817	90,097	2.13	6,183	909,570	2.29	66,957	
2	34,343	2.44	2,690	40,151	2.66	3,432	473,167	2.82	42,894	

### Table 4: Anthill Project – Comparison of Oxide, Transitional and Fresh Ore Types<sup>1</sup>

\* The information in these tables that relates to Mineral Resources is based on information compiled by Messrs David O'Farrell and Andrew Hawker. Both are Members of the Australasian Institute of Mining and Metallurgy, Mr O'Farrell is a full time employee of Intermin Resources Ltd and Mr Hawker is a consultant to Intermin Resources Ltd. The information was prepared under the JORC Code 2012. Messrs O'Farrell and Hawker have sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration and to the activity that they are undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration, Results, Mineral Resource and Ore Reserves'. Messrs O'Farrell and Hawker consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.

During the Quarter, work focussed on preliminary in house mining studies to assess the optimal pathway for open cut development as part of the consolidated Feasibility Study.

# **BINDULI GOLD PROJECT (IRC 100%)**

The Binduli project is located 9km west of Kalgoorlie-Boulder (Figures 1 and 7), immediately adjacent to the Company's Teal gold project. A total of 85 RC holes for 8,096m were drilled in 2018. The RC drilling was completed on an approximate 20m pattern, spanned 450m and covered mineralisation from 10m to 170m vertical depth.

Significant downhole RC intercepts reported in 2018 included<sup>1</sup>:

- 23m @ 4.16 g/t Au from 61m including 3m @ 20.73g/t Au from 66m (BRC18020)
- 13m @ 4.10g/t Au from 65m including 2m @ 18.53g/t Au from 75m (BRC18036)
- 18m @ 3.13 g/t Au from 70m (BRC18043)
- 15m @ 2.75 g/t Au from 27m (BRC18069)
- 9m @ 4.38 g/t Au from 39m (BRC18079)
- 15m @ 1.96 g/t Au from 75m (BRC18029)
- 12m @ 1.75 g/t Au from 45m (BRC18057)
- 8m @ 2.51 g/t Au from 106m (BRC18018)

The geology at Crake is similar to the 390,000oz Janet Ivy open pit, located approximately 1,500m to the south, where the gold is hosted in a structurally controlled feldspar porphyry. At the nearby Fort William and Fort Scott open pits, where over 100,000oz have been produced to date, gold is hosted within sheared units of volcanics and clastic sediments.

At Crake, the gold mineralisation strikes NW and dips shallowly to the SW. A poorly developed southern plunge is tentatively interpreted. The gold lodes are often tabular shaped and 20m thick but can blow out to >60m width. High grade shoots appear to result from intersecting structures. The Crake drilling focussed on a mineralised, variably altered pink porphyry with minor amounts of pyrite and magnetite. Higher grades usually coincide with stronger pyrite mineralisation (up to 3% by volume). There is little correlation of gold and magnetite.

The new data has been used to compile a detailed independent Mineral Resource Estimate compliant with the JORC 2012 Code. The Mineral Resource for Crake stands at:

# • 1.12Mt @ 1.59 g/t Au for 57,700 ounces at a 1.0 g/t Au lower grade cut-off<sup>2</sup>

<sup>&</sup>lt;sup>1</sup> As announced to the ASX on 10 July, 15 August and 14 November 2018. <sup>2</sup> As announced to the ASX on 12 March 2019 See Tables 5-7 and Competent Persons statement on page 9.

Further breakdowns of ore types and categories are shown in Table  $5 - 7^{1, 2}$ .

	Total Orc	linary Kriged	d Uncut	T	otal ID2 Cut	1	
cutoff	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	
0.5	3,052,229	1.04	101,640	2,995,972	1.04	100,466	
0.6	2,461,760	1.15	91,236	2,410,190	1.16	90,164	
0.7	2,061,535	1.25	82,885	2,003,985	1.27	81,741	
0.8	1,698,463	1.36	74,166	1,698,682	1.36	74,389	
0.9	1,399,516	1.47	66,015	1,418,286	1.46	66,735	
1	1,126,990	1.59	57,700	1,134,451	1.59	58,084	
1.5	438,852	2.21	31,129	436,568	2.23	31,249	
2	191,772	2.87	17,672	185,432	2.93	17,466	
2.5	88,665	3.66	10,432	91,541	3.70	10,904	
3	55,636	4.23	7,561	52,404	4.46	7,508	

Table 5: Crake Project – Resource Summary Comparison at different cut-off grades\*

Table 6: Crake Project – Comparison of Indicated and Inferred Resources\*

	Indic	ated				
cutoff	Tonnes	Au (g/t)	Ounces			
0.5	2,188,964	1.04	73 <mark>,</mark> 294			
0.6	1,778,852	1.15	66,055			
0.7	1,483,417 1.26 59,900					
0.8	1,209,293	53,299				
0.9	969,007	1.50	46,748			
1	745,088	1.67	39,916			
1.5	299,669	2.39	23,017			
2	150,002	3.07	14,799			
2.5	87,402	3.67	10,325			
3	55,597	4.23	7,557			

	Infe	erred			
cutoff	Tonnes	Au (g/t)	Ounces		
0.5	863,263	1.02	28,335		
0.6	682,906	1.15	25,175		
0.7	578,116	1.24	22,981		
0.8	489,169	1.33	20,857		
0.9	430,509	1.39	19,259		
1	381,902	1.45	17,776		
1.5	139,183	1.81	8,115		
2	41,770	2.14	2,876		
2.5	1,263	2.66	108		
3	39	3.06	4		

Table 7: Crake Project – Comparison of Oxide, Transitional and Fresh Ore Types\*

	0	xide OK-C	ut	Trar	sition OK	-Cut	Fresh OK-Cut			
cutoff	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	Tonnes	Au (g/t)	Ounces	
0.5	266,168	1.22	10,454	387,642	1.12	13,959	2,398,418	1.00	77,215	
0.6	219,688	1.36	9,639	312,517	1.26	12,630	1,929,554	1.11	68,954	
0.7	190,465	1.47	9,031	252,325	1.40	11,376	1,618,744	1.20	62,469	
0.8	167,731	1.57	8,487	210,915	1.53	10,382	1,319,816	1.30	55,280	
0.9	145,479	1.69	7,882	183,723	1.63	9,642	1,070,314	1.41	48,469	
1	128,748	1.78	7,370	158,346	1.74	8,868	839,896	1.53	41,446	
1.5	64,592	2.36	4,909	97,758	2.09	6,563	276,502	2.21	19,656	
2	32,624	2.97	3,116	55,545	2.35	4,190	103,602	3.11	10,367	
2.5	19,012	3.53	2,156	12,375	2.93	1,164	57,277	3.86	7,113	
3	12,348	3.98	1,581	3,190	3.66	375	40,098	4.35	5,605	

\* The information in these tables that relates to Mineral Resources is based on information compiled by Messrs David O'Farrell and Andrew Hawker. Both are Members of the Australasian Institute of Mining and Metallurgy, Mr O'Farrell is a full time employee of Intermin Resources Ltd and Mr Hawker is an independent consultant to Intermin Resources Ltd. The information was prepared under the JORC Code 2012. Messrs O'Farrell and Hawker have sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration and to the activity that they are undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration, Results, Mineral Resource and Ore Reserves'. Messrs O'Farrell and Hawker consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.

<sup>1</sup> As announced to the ASX on 10 July, 15 August and 14 November 2018.

<sup>2</sup> As announced to the ASX on 12 March 2019 See Tables 5-7 and Competent Persons statement on page 9.

During the Quarter, follow up drilling comprised 34 RC holes for 3,595m to an average depth of 100m. Significant results from the drilling included.<sup>1</sup>

- 4m @ 11.3g/t Au from 80m and 8m @ 2.71g/t Au from 104m (BRC19021)
- 8m @ 5.78g/t Au from 36m and 4m @ 1.09g/t Au from 64m (BRC19025)
- 8m @ 2.01g/t Au from 12m and 16m @ 2.32g/t Au from 52m (BRC19031)
- 4m @ 2.77g/t Au from 40m and 8m @ 1.92g/t Au from 60m (BRC19035)
- 8m @ 3.01g/t Au from 112m (BRC19033)
- 12m @ 1.71g/t Au from 44m (BRC19012)
- 4m @ 1.67g/t Au from 36m, 4m @ 1.63g/t Au from 44m and 4m @ 1.49g/t Au from 56m (BRC19031)
- 4m @ 3.02g/t Au from 56m and 16m @ 1.60g/t Au from 88m (BRC19027)

The preliminary Crake results appear to have good agreement with the current block model. Also consistent with the 2018 RC program are the lenses of high grade ore interspersed throughout the ROM grade mineralisation (1-2 g/t Au) as confirmed by the recent intercepts such as 4m @ 11.3 g/t Au (BRC19021) and 8m @ 5.78 g/t Au (BRC19025) (Figure 7). Further drilling is underway and diamond drilling has been planned to help determine the structure of these high grade shoots.

Composite RC samples were submitted to Independent Metallurgical Operations for initial metallurgical testwork such as gravity concentration and leaching response. The Crake resource block model will be updated with all new data and mine optimisation and design studies completed as part of the consolidated Feasibility Study due for completion in the March Quarter 2020. Given the close proximity of Binduli to the large Boorara project, the Binduli project area has demonstrated the potential to provide additional high grade ore feed to a centralised processing plant.

At the historic Coote prospect, the Company drilled 9 holes for 1,045m to test previous drilling and also some exploration step out drilling (Figure 7). The geology is similar to Crake and Janet Ivy with a mineralised pink porphyry hosting the gold. The results are considered encouraging with several holes recording narrow shoots of ROM grade mineralisation within a broad zones of lower grade gold (0.5-1.0 g/t Au). A follow up RC program is planned.

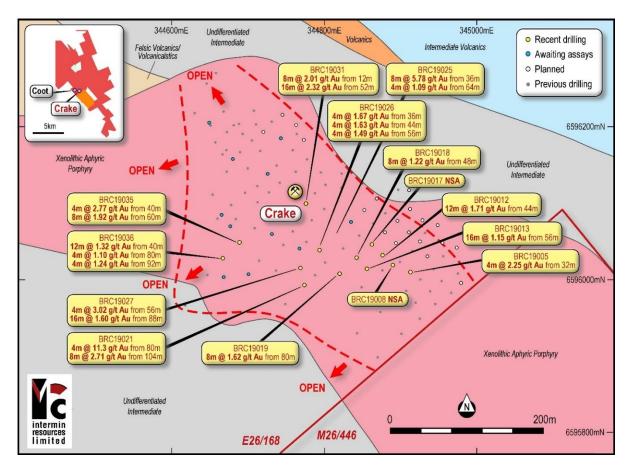


Figure 7: Crake prospect geology plan and Coot location<sup>1</sup>

## **BLISTER DAM GOLD PROJECT (IRC 100%)**

The Blister Dam project is located on the Zuleika and Kunanalling shear zones 65km northwest of Kalgoorlie-Boulder (Figures 8 and 9) and 10km northwest of the Company's 100% owned Anthill gold project.

During 2017, 21 targets were identified at Blister Dam. These were based on interpreted structures, geological contacts, historic drilling and geochemical signature. Nine of these targets were drill tested with 46 Reverse Circulation ("RC") holes drilled for 4,120m in 2017 to an average depth of 90m<sup>1</sup>. Subsequently in 2018, Intermin conducted follow up drilling at the more promising prospects including Atlantic, Argo and Seven Seas. First pass drilling was also conducted at three additional targets including the historical Chadwin workings, Loran and Atlantic South.

During the Quarter, limited work was conducted at Blister Dam with the current drilling program focussed on the Binduli, Menzies and Teal areas. The prospectivity and understanding of the Blister Dam area is improving as shown by the recent drill success. Initial work in 2019 will involve mapping, stratigraphy, sampling, geochemistry and ground magnetic surveys.

Follow up RC and diamond drilling is planned for the Blister Dam area in the second half of 2019 with a focus on follow up drilling at Argo, Atlantic and Loran to test strike and depth extensions.

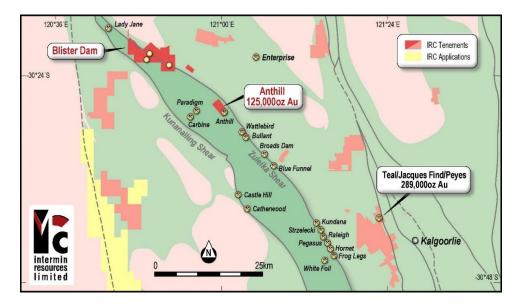


Figure 8: Intermin's gold project locations, regional geology and surrounding infrastructure

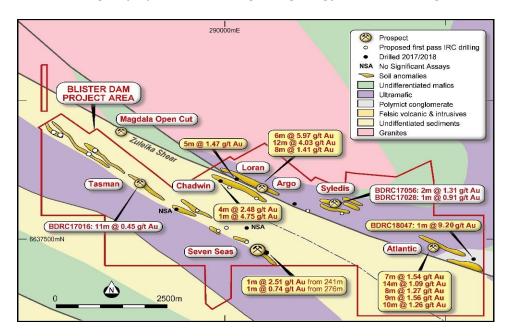


Figure 9: Blister Dam Project Area, new prospects and underlying geology

#### **MENZIES GOLD PROJECT (IRC 100%)**

The Menzies project area is located 100km north of Kalgoorlie Boulder (Figures 1 and 10) and was recently returned to Intermin on a 100% basis as announced to the ASX on 7 February 2019. The current Mineral Resource Estimate for Menzies stands at 2.42Mt at 2.20g/t Au for 171,310 ounces at a 1g/t Au lower cut-off grade<sup>1</sup>.

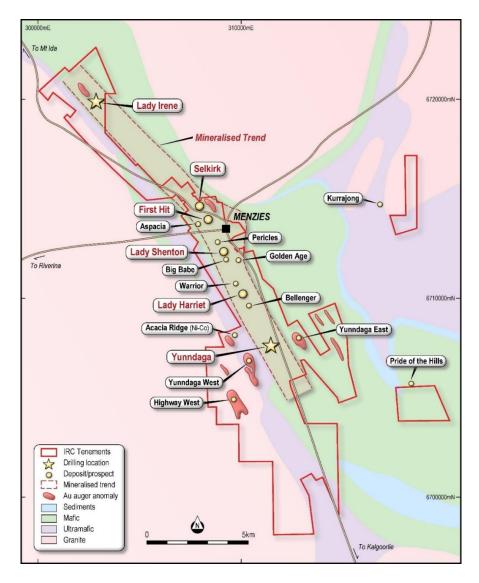


Figure 10. Menzies prospect locations and underlying geology

Menzies is located in the Eastern Goldfields Province of the Archaean Yilgarn Craton (Figure 10). The greenstone belt divides at Menzies into a western section continuing to the northwest and an eastern section continuing northwards to Twin Hills. The greenstone sequence consists of a lower ultramafic formation to the west overlain by meta-sedimentary rocks which are overlain by mafic intrusive and extrusives to the east. Included in the greenstone belt are the major shear zones, the Menzies Shear Zone and the Moriarty Shear Zone, which impart a strong foliation and lineation to the underlying rock.

During the Quarter, follow up and regional drilling was completed in Menzies and Goongarrie projects with results expected in the September Quarter.

Subsequent to Quarter end, Intermin reached agreement with Kingwest Resources (ASX: KWR) to divest the Menzies and Goongarrie gold projects for a total consideration of A\$8 million. Intermin will become a substantial shareholder in Kingwest with Board representation in a non-executive capacity and will have a right to process or purchase any gold bearing ore from the sale tenements under standard commercial terms. The transaction is subject to Kingwest completing a \$4 million capital raising and other standard conditions customary for a transaction of this nature.<sup>2</sup>

# JOINT VENTURES AND ROYALTIES

### **RICHMOND VANADIUM PROJECT (AXF Vanadium earning 75%)**

In March 2017, the Company finalised a strategic development JV with AXF Vanadium Pty Ltd ("AXF"), a wholly owned subsidiary of the AXF Group<sup>1</sup>. The JV covers Intermin's 100% interest in the Richmond vanadium project in North West Queensland (Figures 11 and 12) which include metal rights at the nearby Julia Creek project which is owned by Global Oil Shale Plc. The project tenements cover 1,520km<sup>2</sup> of Cretaceous Toolebuc Formation. AXF have now committed to the second stage expenditure commitment of A\$5 million over 3 years inclusive of a Feasibility Study.

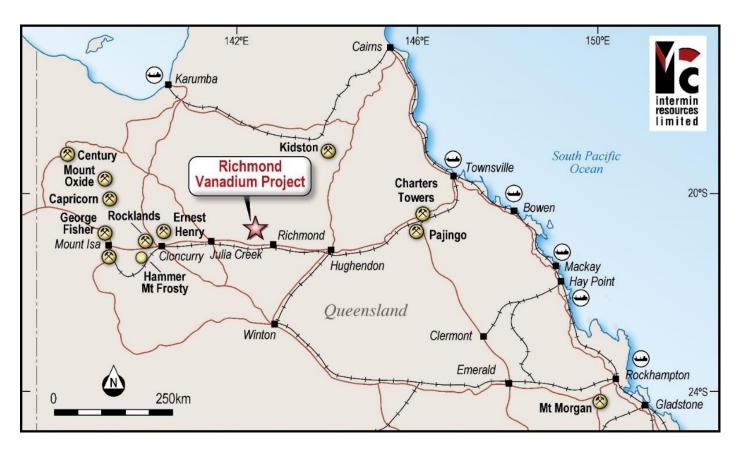


Figure 11: Richmond Vanadium Project location and surrounding infrastructure

In March 2018, the Company released an updated Mineral Resource estimate for the project to account for changes in tenement boundaries and to ensure compliance with the JORC Code (2012) (Table 8)<sup>2</sup>.

The Mineral Resource for the Richmond Project area now stands at<sup>2</sup>:

• 2,579Mt at 0.32%  $V_2O_5$  at a 0.29% lower cut-off grade

#### Table 8: Richmond Project - Summary of Mineral Resources > 0.29%<sup>2</sup>

Category	Tonnage (Mt)	Grade % V₂O₅	Grade g/t MoO <sub>3</sub>	Notes
Inferred (1)	1,764	0.31	253	(1) Rothbury
Inferred (2)	671	0.35	274	(2) Lilyvale
Inferred (3)	96	0.33	358	(3) Manfred
Inferred (4)	48	0.31	264	(4) Burwood (100% metal rights)
TOTAL	2,579	0.32	262	

<sup>1</sup> As announced on 19 September 2017, <sup>2</sup> as announced to the ASX on 20 March 2018, see also JORC Table on Page 32 and Competent Persons Statement on Page 32 and Forward Looking Statement on Page 34.

During the Quarter, AXF continued the metallurgical test work in China focussed on optimising pre-concentration of the ore and downstream processing metallurgical testwork. As announced to the ASX on 26 November 2018, positive test work results were received with multiple tests utilising gravity, screening and flotation with concentrate grades averaging  $1.6\% V_2O_5$  at an overall recovery of 73%.

The 17,500m drilling program continued during the Quarter focussed on regional targets and infill drilling at Lilyvale to upgrade the current resource to the measured and indicated categories<sup>1</sup>.

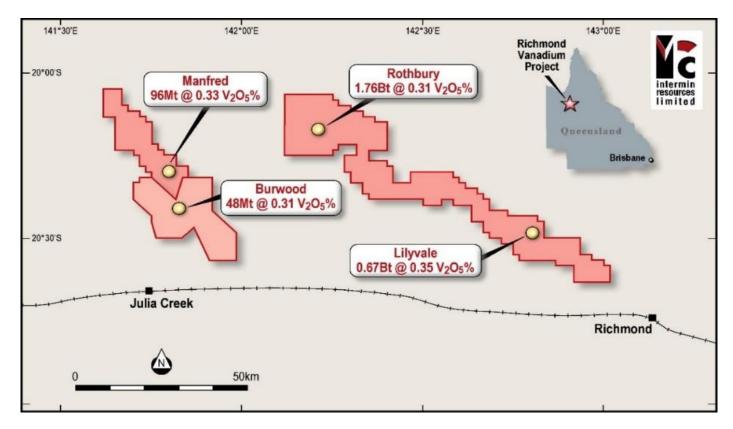


Figure 12: Richmond Vanadium Project tenement locations and resources <sup>1</sup>

# **Richmond Metallurgical Testwork**<sup>1, 2</sup>

In late 2018, AXF collected an additional 4 tonne of vanadium samples from the Lilyvale prospect area for despatch to two research laboratories in China:

- Beijing General Research Institute of Mining and Metallurgy (BGRIMM), a leading institute directly under the Chinese central government providing innovative technology, diversified products and process-orientated engineering services in mineral and material industries worldwide. With ISO 9001 accreditation, the institute provides complete solution integrating R&D, engineering and equipment manufacture.
- Hunan Research Institute for Nonferrous Metals (HRINM), established in 1958, is the first intellectual property-intensive research institute in the Hunan Province focussed on R&D, metal mining, process selection, smelting and new alloys development.

The ore at Lilyvale comprises soft oxidised limestone rich clays from surface to 15m depth where the oil has been leached out and the enrichment of vanadium and other metals including molybdenum, nickel and copper has occurred. The Lilyvale area has the highest grade of the four prospects (Figure 12), is closest to surface for simple open cut free dig mining and is amenable to pre-concentration at site to provide a higher grade feedstock with lower mass.

Testwork programs were jointly developed using AXF's in-house expertise and the experience of both institutes with both programs supervised by AXF's senior technical staff. Initial testwork completed in 2018 focussed on ore pre-concentration of the run of mine ore by physical means followed by both hydrometallurgical and pyrometallurgical testwork on the concentrate to produce a final 98%  $V_2O_5$  flake for use in both the steel and energy storage markets.

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The first phase of the testwork involved additional particle size analysis to confirm historic work followed by single stage and 2 stage concentration tests using a combination of screening, gravity and flotation. As announced to the ASX on 8 May 2018, 89% of the contained metal reported to the -43um size fraction and 84% to the -20um size fraction confirming historic work completed by Intermin. In addition, initial concentration test results show that 78% of the vanadium was recovered in to 38% of the original mass at a grade of  $1.1\% V_2O_5$ . This initial work provided a solid basis for further optimisation work to upgrade the run of mine ore by physical separation ahead of downstream processing.

Based on the mineralogy study of the ore and mineral processing research as above, three optimal mineral processes were selected for the concentration of vanadium ore. These three options will be the technical basis for the Preliminary Feasibility Study. Results have now been received for the first of the three options and these are presented in Table 9 below:

	Yield	Grad	e (%)	Recovery Rate (%)		
Name	(mass %)	CaO	V <sub>2</sub> O <sub>5</sub>	CaO	V <sub>2</sub> O <sub>5</sub>	
Concentration	21.18	7.60	1.58	4.27	72.84	
Tailing	78.82	45.81	0.16	95.73	27.16	
Ore	100.00	37.72	0.46	100.00	100.00	

# Table 9: Richmond Concentration test result: Option 1<sup>1</sup>

As can be seen from the test results in Table 9, the concentrate was produced into 21% of the original mass at an improved grade of 1.58% with a 72.8% recovery. This reduced mass and improved grade enables a potentially smaller downstream processing plant at significantly reduced capital cost<sup>2</sup>.

In addition, the results show a much larger reduction in the calcium content than expected with only 4% reporting to the concentrate fraction. This low calcium content enables both an acid digestion and a roasting downstream processing pathway to be evaluated that can potentially lead to considerably lower operating costs<sup>2</sup>.

Further optimisation work continues and results of the further two flowsheet option tests are expected in the September and December quarters 2019. Downstream processing tests have also commenced and the further 4t of samples despatched to China to ensure sufficient concentrate for test work completion in 2019.

This test work will enable flowsheet design to be completed as part of the Preliminary Feasibility Study planned for completion in FY2020<sup>2</sup>.



Figure 13: Hunan Research Facility spiral and flotation circuits

# **Richmond Drilling Program**

Drilling at the Richmond project continued with a total of 17,500m planned within an A\$1.2 million budget and is expected to be completed in the September Quarter 2019.

The Lilyvale deposit infill drilling program comprises 450 holes for 10,000m (Figure 14) and has been designed to improve data density (Figure 15), assess any closed spaced variability and enable the current resource to be upgraded to the Measured and Indicated JORC 2012 category. Upon the completion of the drilling and receipt of the assay data a revised resource model will be completed by independent consultants, following which any requirement for further work will be assessed. The upgraded resource model will then be used at part of the PFS to complete a mining and economic evaluation and estimation of Ore Reserves. Commencement of the drilling in some areas is pending finalisation of Conduct and Compensation Agreements with landowners.

The current Mineral Resource at Lilyvale totals 671Mt at 0.35% V<sub>2</sub>O<sub>5</sub> at a 0.29% cut-off grade<sup>1</sup>.

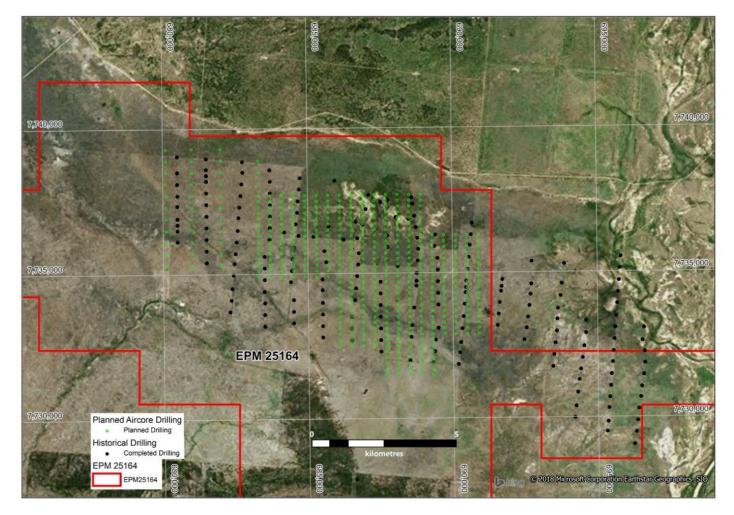
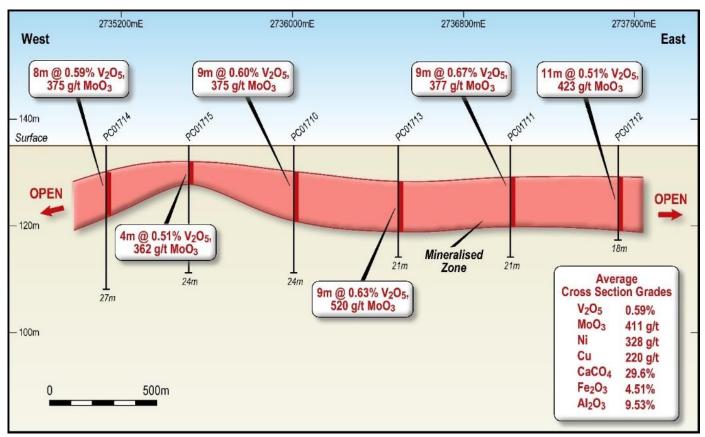


Figure 14: Satellite Image showing planned 2018 Aircore Drilling, completed Historical Drilling and EPM 25164

Regional exploration drilling comprising 350 holes for 7,500m will also be completed at a number of priority targets with the aim of identifying additional areas of insitu high grade vanadium within the Rothbury, Burwood and Manfred regions. Historic drilling in most areas are on 500m centres with certain areas within the project area showing significant higher grades than the resource average. These areas will be prioritised to improve geological knowledge and data density for additional drilling in 2019.



#### Figure 15: Lilyvale prospect area drill hole section showing average thickness and metal grades<sup>1</sup>

Pre-concentration and downstream processing test work continues with further results expected in the September and December quarters 2019. On receipt of assay data, updated geological models will be compiled and an updated resource for Lilyvale released.

Both the test work results and the new resource models will enable commencement of a PFS and estimation of Ore Reserves. The PFS may include production rate analysis, flow sheet design, initial estimates of capital and operating costs and product sales analysis.

The JV has purchased a 75 acre parcel of land at Richmond to facilitate the potential requirement for a pilot plant should a decision be made to move forward. The land is located in close proximity to the Flinders Highway, railway siding and the 66Kv power line providing infrastructure and services for the study.

### M26/446 (JANET IVY) PRODUCTION ROYALTY

Intermin owns a \$0.50/t mining royalty that relates to ore mined and treated from Mining Lease M26/446 located approximately 10km west of Kalgoorlie-Boulder in Western Australia (Figure 1). The Company entered into a Deed for the sale of M26/446 in 2001 and it is now owned by Norton Gold Fields Ltd ("NGF") which was delisted from the ASX on 1 July 2015.

As part of the sale, Intermin was prepaid \$1,380,000 of the royalty as part of the acquisition cost, equivalent to a mining and treatment tonnage of 2.76Mt (\$0.50/t). Mining has been conducted on a semi-continuous basis at the Janet Ivy deposit which is the largest of known deposits on M26/446 since 2009.

Ore treated at the Paddington mill in the March Quarter 2019 was 25,900t and subject to royalty payments of \$13,000 which were received in April 2019. Ore treated at the Paddington mill in the June Quarter 2019 was 19,300t and are subject to royalty payments of \$10,000 payable in July 2019. Intermin anticipates further royalty payments on a quarterly basis for material scheduled by NGF to be treated.

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To view details on published JORC Compliant Resource and Reserve Estimates including a Competent Persons Statement for Table 10, refer to NGF's Resource and Reserve Update December 2014 (NGF: ASX announcement dated 3 February 2015). The most recent JORC Compliant Mineral Resource Estimate for the Janet Ivy Deposit was released to the ASX by Norton while the entity was listed on 3 February 2015 (Table 10).

 Table 10: Norton's published JORC Compliant Resource Estimate for the Janet Ivy Gold Deposit. (Source: Norton Goldfields Limited's Resource and Reserve Update December 2014 ASX announcement dated 3 February 2015).

Deposit JORC		Measured Resource		Indicated Resource			Inferred Resource			Total Resource			
(0.5g/t cut-off) Co	Code	Code Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz
Janet Ivy	2012	-	-	-	8.36	0.87	237,000	5.25	0.92	155,000	13.61	0.89	389,000

# NANADIE WELL JOINT VENTURE (Mithril Resources Limited earning 75%)

The Nanadie Well Project is located approximately 100km south east of Meekatharra in the Murchison Mineral Field of WA and covers an area of 145km<sup>2</sup>. In December 2013 Intermin entered into a Farm-in and JV agreement with Mithril Resources Ltd (ASX: MTH) ("Mithril") whereby Mithril could earn a 75% interest by spending \$4M over 6 years. The project is highly prospective for Cu, Au, Ni, Co and PGE's.

The Project covers part of a northwest trending belt of Archean mafic and metasedimentary units with demonstrated prospectivity for both magmatic copper–nickel–PGE mineralisation and gold lode mineralisation. The project hosts the Nanadie Well copper deposit where a 2004 JORC Code Compliant Inferred Resource of 36.07Mt @ 0.42% copper (151,506 tonnes copper) was estimated by Intermin in September 2013 (refer ASX announcement dated 19 September 2013).

Given the prospectivity for multiple commodities in the region, Mithril are now focussed on further exploration work at the Nanadie Well Copper Deposit and the adjacent Stark Copper Nickel Prospect. Limited work was conducted during the June Quarter.

# WHITE RANGE GOLD PROJECT (Disposed)

Intermin has disposed of its White Range gold project in the Northern Territory to Red Dingo Corporation Pty Ltd. The Company is currently attending to some remediation issues at the site prior to making application for return of environmental bonds held by the Northern Territory Department of Primary Industry and Resources.

# **CORPORATE / FINANCE**

Total cash at bank as at 30 June 2019 was A\$5.1 million. In addition, the Company holds investments in ASX listed Companies with a current value of approximately A\$0.6 million.

For further information on the merger with MacPhersons and the potential acquisition of the Coolgardie gold project from Focus, please refer to Pages 3-4 and the scheme booklet released by MacPhersons to the ASX on 17 April 2019.

### **Issued Share Capital**

Class or securities	Issued at 30 June 2019
Fully Paid Ordinary Shares (IRC)	427,975,200
Unlisted options	3,462,640
Performance Rights (Class D, E)*	5,600,000

\* See ASX announcement dated 23 November 2017 for details of Performance Rights

### **JV NOTES**

Interest to acquire	Commitment	Status			
Mithril Resources Limited - Nanadie Well Cu-Ni-PGE JV 2013 (ASX: MTH)					
Year 1	Minimum expenditure \$250k per year	Completed			
Initial 60% interest	Expend \$2M within 5 years (December 2019)	Commenced			
Further 15% interest	Expend \$2M within 2 years with a minimum expenditure of \$400k (December 2021)	-			
AXF Resources Pty Ltd – Ric	hmond Vanadium JV 2017				
Year 1	Invest \$0.43M in equity in Intermin	Completed			
Initial 25% interest	Expend \$1M within 1 year (March 2018)	Completed			
Further 50% interest	Expend \$5M within 3 year (March 2021)	Commenced			

# **TENEMENT SCHEDULE**

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
BINDULI				
L26/261		100%	-	-
M26/346		100%	-	-
M26/499		100%	-	-
M26/549		100%	-	-
M26/621		100%	-	-
P26/3888		100%	-	-
P26/4014		100%	-	-
P26/4056		100%	-	-
P26/4256		100%	-	-
P26/4316		100%	-	-
P26/4317		100%	-	-
P26/4321		100%	-	-
P26/4322		100%	-	-
P26/4324		100%	-	-
P26/4325		100%	-	-
P26/4330		100%	-	-
P26/4332		100%	-	-
P26/4333		100%	-	-
P26/4337		100%	-	-
P26/4338		100%	-	-
P26/4339		100%	-	-
P26/4340		100%	-	-
P26/4341		100%	-	-
P26/4342		100%	-	-
P26/4343		100%	-	-
P26/4344		100%	-	-
P26/4345		100%	-	-
ELA26/209		100%	-	-
PLA26/4229		100%	-	-
PLA26/4230		100%	-	-
PLA26/4231		100%	-	-
PLA26/4318		100%	-	-
PLA26/4319		100%	-	-
PLA26/4320		100%	-	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
BINDULI				
PLA26/4323		100%	-	-
PLA26/4326		100%	-	-
PLA26/4327		100%	-	-
PLA26/4328		100%	-	-
PLA26/4329		100%	-	-
PLA26/4331		100%	-	-
PLA26/4334		100%	-	-
PLA26/4335		100%	-	-
PLA26/4336		100%	-	-
PLA26/4350		100%	-	-
WHITE FLAG				
E26/168		100%	-	-
E26/197		100%	-	-
M26/616		100%	-	-
P26/3576		100%	-	-
P26/3577		100%	-	-
P26/3922		100%	-	-
P26/3923		100%	-	-
P26/3988		100%	-	-
P26/3989		100%	-	-
P26/3990		100%	-	-
P26/4078		100%	-	-
P26/4079		100%	-	-
P26/4080		100%	-	-
P26/4081		100%	-	-
KANOWNA				
M27/487		100%	-	-
P27/2209		100%	-	-
P27/2215		100%	-	-
P27/2316		100%	-	-
P27/2317		100%	-	-
P27/2319		100%	-	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
GOONGARRIE				
E29/966		100%	-	-
E29/996		100%	-	-
L29/109		100%	-	-
M29/420		100%	-	-
P29/2380		100%	-	-
P29/2381		100%	-	-
P29/2412		100%	-	-
P29/2413		100%	-	-
ELA29/1054		100%	-	-
ELA29/1055		100%	-	-
ELA29/1062		100%	-	-
MLA29/430		100%	-	-
MENZIES				
E29/984		100%	-	-
L29/42		100%	-	-
L29/43		100%	-	-
L29/44		100%	-	-
M29/14		100%	-	-
M29/88		100%	-	-
M29/153		100%	-	-
M29/154		100%	-	-
M29/184		100%	-	-
M29/212		100%	-	-
M29/410		100%	-	-
P29/2251		100%	-	-
P29/2252		100%	-	-
P29/2253		100%	-	-
P29/2254		100%	-	-
P29/2344		0%	-	100%
P29/2345		0%	-	100%
P29/2346		100%	-	-
P29/2366		100%	-	-
P29/2367		100%	-	-
P29/2383		100%	-	-
P29/2384		100%	-	-
P29/2385		100%	-	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
MENZIES				
P29/2386		100%	-	-
P29/2387		100%	-	-
P29/2450		100%	-	-
PLA29/2448		100%	-	-
PLA29/2451		100%	-	-
PLA29/2488		100%	-	-
ANTHILL				
L16/92		100%	-	-
M16/531		100%	-	-
BLACK FLAG				
P16/2820		100%	-	-
P16/2821		100%	-	-
P24/5143		100%	-	-
P24/5144		100%	-	-
P24/5145		100%	-	-
P24/5146		100%	-	-
P24/5147		100%	-	-
P24/5148		100%	-	-
P24/5149		100%	-	-
P24/5150		100%	-	-
P24/5151		100%	-	-
P24/5152		100%	-	-
P24/5153		100%	-	-
P24/5154		100%	-	-
P24/5155		100%	-	-
P24/5156		100%	-	-
P24/5157		100%	-	-
P24/5158		100%	-	-
P24/5159		100%	-	-
P24/5160		100%	_	-
CHADWIN				
P16/3121		100%	100%	-
P24/5186		100%	-	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
COOLGARDIE				
PLA15/6380		100%	-	-
SEVEN SEAS				
E24/148		100%	-	-
P16/2973		100%	-	-
P16/2974		100%	-	-
P16/2975		100%	-	-
P16/2976		100%	-	-
P16/2977		100%	-	-
P16/2997		100%	-	-
P16/3002		100%	-	-
P16/3003		100%	-	-
P16/3004		100%	-	-
P16/3005		100%	-	-
P16/3006		100%	-	-
P16/3007		100%	-	-
P24/5107		100%	-	-
MLA24/970		100%	-	-
LAKEWOOD				
PLA26/4360		100%	-	-
PLA26/4361		100%	-	-
PLA26/4362		100%	-	-
PLA26/4363		100%	-	-
PLA26/4364		100%	-	-
PLA26/4365		100%	-	-
PLA26/4366		100%	-	-
PLA26/4367		100%	-	-
PLA26/4368		100%	-	-
PLA26/4369		100%	-	-
PLA26/4370		100%	-	-
NEW MEXICO				
P24/4767		100%	-	-
P24/4768		100%	-	-
P24/4769		100%	-	-
P24/5099		100%	-	-
P24/5100		100%	-	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
NEW MEXICO				
P24/5101		100%	-	-
P24/5102		100%	-	-
P24/5229		100%	-	-
P24/5230		100%	-	-
P24/5231		100%	-	-
P24/5232		100%	-	-
P24/5233		100%	-	-
YARMANY				
E16/470		100%	-	-
E16/471		100%	-	-
E16/492		100%	-	-
E16/493		100%	-	-
E16/494		100%	-	-
E16/497		100%	-	-
E16/499		100%	-	-
E16/503		100%	-	-
E16/510		100%	-	-
ELA15/1655		100%	-	-
ELA15/1723		100%	100%	-
ELA16/506		100%	-	-
ELA16/507		100%	-	-
ELA16/519		100%	100%	-
ELA16/520		0%	-	100%
ELA16/521		100%	100%	-
ELA16/525		100%	100%	-
ELA16/526		100%	100%	-
PLA16/3212		100%	100%	-
PLA16/3213		100%	100%	-
WINDANYA				
M24/919		100%	-	-
M24/959		100%	-	-
P24/4702		100%	-	-
P24/4703		100%	-	-
P24/4817		100%	-	-
P24/4897		100%	-	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
WINDANYA				
P24/5046		100%	-	-
P24/5047		100%	-	-
P24/5048		100%	-	-
P24/5049		100%	-	-
P24/5050		100%	-	-
P24/5051		100%	-	-
P24/5052		100%	-	-
P24/5053		100%	-	-
P24/5054		100%	-	-
P24/5055		100%	-	-
P24/5056		100%	-	-
P24/5057		100%	-	-
P24/5058		100%	-	-
P24/5059		100%	-	-
P24/5106		100%	-	-
P24/5108		100%	-	-
P24/5116		100%	-	-
P24/5165		100%	-	-
P24/5166		100%	-	-
P24/5167		100%	-	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA	•	· · · · · · · · · · · · · · · · · · ·		
BLACK FLAG				
P26/3791	Merger	0%	-	100%
P26/3792	Merger	0%	-	100%
P26/3793	Merger	0%	-	100%
P26/3794	Merger	0%	-	100%
P26/3795	Merger	0%	-	100%
P26/3796	Merger	0%	-	100%
P26/3797	Merger	0%	-	100%
P26/3798	Merger	0%	-	100%
P26/3799	Merger	0%	-	100%
P26/3800	Merger	0%	-	100%
P27/2041	Merger	0%	-	100%
P27/2042	Merger	0%	-	100%
P27/2043	Merger	0%	-	100%
P27/2044	Merger	0%	-	100%
P27/2045	Merger	0%	-	100%
P27/2050	Merger	0%	-	100%
P27/2051	Merger	0%	-	100%
P27/2052	Merger	0%	-	100%
NIMBUS/BOORARA				
E25/511	Merger	100%	100%	-
L25/32	Merger	100%	100%	-
L25/35	Merger	100%	100%	-
L25/36	Merger	100%	100%	-
L26/240	Merger	100%	100%	-
L26/252	Merger	100%	100%	-
L26/266	Merger	100%	100%	-
L26/270	Merger	100%	100%	-
L26/274	Merger	100%	100%	-
L26/275	Merger	100%	100%	-
M25/355	Merger	100%	100%	-
M26/29	Merger	100%	100%	-
M26/161	Merger	100%	100%	-
M26/277	Merger	100%	100%	-
M26/318	Merger	100%	100%	-
M26/490	Merger	100%	100%	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
NIMBUS/BOORARA				
M26/598	Merger	100%	100%	-
P25/2192	Merger	0%	-	100%
P25/2193	Merger	0%	-	100%
P25/2194	Merger	0%	-	100%
P25/2195	Merger	0%	-	100%
P25/2196	Merger	0%	-	100%
P25/2247	Merger	100%	100%	-
P25/2261	Merger	100%	100%	-
P25/2292	Merger	100%	100%	-
P25/2322	Merger	100%	100%	-
P25/2393	Merger	100%	100%	-
P25/2394	Merger	100%	100%	-
P25/2403	Merger	100%	100%	-
P25/2404	Merger	100%	100%	-
P25/2405	Merger	100%	100%	-
P25/2450	Merger	100%	100%	-
P25/2467	Merger	100%	100%	-
P25/2468	Merger	100%	100%	-
P25/2469	Merger	100%	100%	-
P25/2470	Merger	100%	100%	-
P25/2471	Merger	100%	100%	-
P25/2472	Merger	100%	100%	-
P25/2473	Merger	100%	100%	-
P25/2474	Merger	100%	100%	-
P25/2475	Merger	100%	100%	-
P25/2526	Merger	100%	100%	-
P25/2551	Merger	100%	100%	-
P25/2552	Merger	100%	100%	-
P26/4297	Merger	100%	100%	-
P26/4298	Merger	100%	100%	-
P26/4299	Merger	100%	100%	-
P26/4300	Merger	100%	100%	-
P26/4301	Merger	100%	100%	-
P26/4302	Merger	100%	100%	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
NIMBUS/BOORARA				
P26/4020	Merger	100%	100%	-
P26/4035	Merger	100%	100%	-
P26/4036	Merger	100%	100%	-
P26/4053	Merger	100%	100%	-
P26/4054	Merger	100%	100%	-
P26/4055	Merger	100%	100%	-
PLA26/4199	Merger	100%	100%	-
PLA26/4200	Merger	100%	100%	-
PLA26/4201	Merger	100%	100%	-
PLA26/4202	Merger	100%	100%	-
PLA26/4203	Merger	100%	100%	-
PLA26/4204	Merger	100%	100%	-
PLA26/4205	Merger	100%	100%	-
PLA26/4206	Merger	100%	100%	-
PLA26/4207	Merger	100%	100%	-
PLA26/4208	Merger	100%	100%	-
P26/4381	Merger	100%	100%	-
P26/4382	Merger	100%	100%	-
P26/4383	Merger	100%	100%	-
P26/4384	Merger	100%	100%	-
P26/4385	Merger	100%	100%	-
P26/4386	Merger	100%	100%	-
PLA26/4405	Merger	100%	100%	-
PLA26/4431	Merger	100%	100%	-
PLA26/4432	Merger	100%	100%	-
PLA26/4478	Merger	100%	100%	-
PLA26/4479	Merger	100%	100%	-
P27/2138	Merger	100%	100%	-
P27/2139	Merger	100%	100%	-
P27/2140	Merger	100%	100%	-
P27/2141	Merger	100%	100%	-
P27/2142	Merger	100%	100%	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter
WESTERN AUSTRALIA				
NIMBUS/BOORARA				
P27/2146	Merger	100%	100%	-
P27/2147	Merger	100%	100%	-
P27/2148	Merger	100%	100%	-
P27/2265	Merger	100%	100%	-
P27/2266	Merger	100%	100%	-
P27/2267	Merger	100%	100%	-
P27/2268	Merger	100%	100%	-
P27/2269	Merger	100%	100%	-
P27/2270	Merger	100%	100%	-
P27/2271	Merger	100%	100%	-
P27/2272	Merger	100%	100%	-
P27/2273	Merger	100%	100%	-
P27/2274	Merger	100%	100%	-
P27/2275	Merger	100%	100%	-
P27/2276	Merger	100%	100%	-
PLA27/2408	Merger	100%	100%	-

Prospect/Tenement	Notes	Percentage interest held at the end of the quarter	Percentage interest acquired during the quarter	Percentage interest disposed during the quarter	
JOINT VENTURES		·		·	
WESTERN AUSTRALIA					
NANADIE WELL - MITHRIL	RESOURCES LT	VI D			
E51/1040	JV	100%	-	-	
				1	
QUEENSLAND					
RICHMOND – AXF					
EPM25163	JV	100%	-	-	
EPM25164	JV	100%	-	-	
EPM25258	JV	100%	-	-	
EPM26425	JV	100%	-	-	
EPM26426	JV	100%	-	-	
		11		1	
ROYALTIES					
WESTERN AUSTRALIA					
JANET IVY (Norton Gold Fi	elds Limited) –	Royalty Only			
M26/446		0%	-	-	
M26/833		0%	-	-	
OTTO BORE (Gold Fields Li	mited) – Royali	ty Only			
M36/177		0%	-	-	
QUEENSLAND					
JULIA CREEK (100% Non-o	il shale rights)				
*EPM14802		0%	-	-	
*EPM14803		0%	-	-	
*EPM14804		0%	-	-	
*EPM14805		0%	-	-	
*EPM14806		0%	-	-	
*EPM14957		0%	-	-	
*EPM15066		0%	-	-	
*EPM17775		0%	-	-	
*EPM19830		0%	-	_	
*MDL396		0%	<u> </u>	-	

### About Intermin

Intermin is a gold exploration and mining company focussed on the Kalgoorlie and Coolgardie areas of Western Australia which are host to some of Australia's richest gold deposits. The Company is developing a mining pipeline of projects to generate cash and self-fund aggressive exploration, mine developments and further acquisitions. The Teal gold mine has recently been completed.

Intermin is aiming to significantly grow its JORC-Compliant Mineral Resources, complete definitive feasibility studies on core high grade open cut and underground projects and build a sustainable development pipeline.

Intermin has a number of joint ventures in place across multiple commodities and regions of Australia providing exposure to Vanadium, Copper, PGE's, Gold and Nickel/Cobalt. Our quality joint venture partners are earning in to our project areas by spending over \$7 million over 3 years enabling focus on the gold business while maintaining upside leverage.

Intermin Resources Limited – Summary of Gold Mineral Resources (at a 1g/t Au cut-off grade)

Deposit	Measured			Indicated		Inferred			Total Resource			
(1g/t cut-off)	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz
Teal				2.91	2.08	194,848	1.34	2.19	94,140	4.25	2.11	288,833
Menzies				0.77	2.52	62,400	1.65	2.14	108,910	2.42	2.20	171,310
Anthill				1.51	1.76	85 <i>,</i> 495	0.77	1.61	40,084	2.28	1.71	125,582
Goongarrie	0.17	2.62	14,000	0.10	2.15	6,900	0.04	2.14	3,000	0.31	2.40	23,900
Binduli				0.74	1.67	39,900	0.38	1.45	17,800	1.12	1.59	57,700
TOTAL	0.17	2.62	14,000	6.03	2.00	389,500	4.18	1.96	264,000	10.38	2.00	667,500

### Intermin Resources Limited – Summary of Vanadium / Molybdenum Mineral Resources (at 0.29% V<sub>2</sub>O<sub>5</sub> cut-off grade)

Category	Tonnage (Mt)	Grade % V₂O₅	Grade g∕t MoO₃	Notes
Inferred (1)	1,764	0.31	253	(1) Rothbury
Inferred (2)	671	0.35	274	(2) Lilyvale
Inferred (3)	96	0.33	358	(3) Manfred
Inferred (4)	48	0.31	264	(4) Burwood (100% metal rights)
TOTAL	2,579	0.32	262	

#### Confirmation

The information in this report that relates to Intermin's Mineral Resources estimates or Ore Reserves estimates is extracted from and was originally reported in Intermin's ASX announcements "Mineral Resource Grows at Menzies Gold Project" dated 8 March 2016, "Intermin Announces World-Class Vanadium Resource" dated 20 March 2018, "Teal Gold Mine Update" dated 27 June 2018, Goongarrie Lady Feasibility Study Delivers Positive Economic Results" dated 28 June 2018, "Intermin's Mineral Resources Grow 30% to Over 560,000 Ounces" and "Quarterly Activities Report For the Period Ended" dated 24 October 2018, "Intermin and MacPhersons Agree to Merge – Creation of a New Gold Company Horizon Minerals Ltd" dated 11 December 2018 and "Anthill Resource Grows to Over 125,000 Ounces" dated 18 December 2018, "Intermin Resources grow to over 667,000 ounces" dated 12 March 2019, each of which is available at www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in those announcements continue to apply and have not materially changed. The Company confirms that the form and context of the Competent Person's findings in relation to those Mineral Resources estimates or Ore Reserves estimates have not been materially modified from the original market announcements.

#### Macphersons Resources Limited (a 100% subsidiary of Intermin) – Summary of Mineral Resources

Category	Tonnes	Grade	Ounces
	Mt	Au (g/t)	(k'000)
Measured Resource	6.11	0.92	181
Indicated Resource	7.26	0.97	227
Inferred Resource	3.08	1.00	99
Total Resource	16.45	0.96	507

Boorara Gold Resource (at a 0.5 g/t Au cut-off grade)

#### Nimbus All Lodes (bottom cuts 12 g/t Ag, 0.5% Zn, 0.3 g/t Au)

Category	Tonnes	Grade	Grade	Grade	Ounces	Ounces	Tonnes
	Mt	Ag (g/t)	Au (g/t)	Zn (%)	Ag (Moz's)	Au (k'000)	(k'000)
Measured Resource	3.62	102	0.09	1.2	11.9	10	45
Indicated Resource	3.18	48	0.21	1.0	4.9	21	30
Inferred Resource	5.28	20	0.27	0.5	3.4	46	29
Total Resource	12.08	52	0.20	0.9	20.2	77	104

#### Nimbus high grade silver zinc resource (500 g/t Ag bottom cut and 2800 g/t Ag t

Category	Tonnes	Grade	Grade	Ounces	Tonnes
	Mt	Ag (g/t)	Zn (%)	Ag (Moz's)	(k'000)
Measured Resource	0	0	0	0	0
Indicated Resource	0.17	762	12.8	4.2	22
Inferred Resource	0.09	797	13.0	2.2	11
Total Resource	0.26	774	12.8	6.4	33

#### Confirmation

The information is this report that relates to MacPhersons' Mineral Resources estimates on the Boorara Gold Project and Nimbus Silver Zinc Project is extracted from and was originally reported in Intermin's and MacPhersons' ASX Announcement "Intermin and MacPhersons Agree to Merge – Creation of a New Gold Company Horizon Minerals Ltd" dated 11 December 2018 and in MacPhersons' ASX announcements "Quarterly Activities Report" dated 25 October 2018, "BOORARA GOLD PROJECT TOTAL GOLD RESOURCE up 118% to 507,000 OUNCES" dated 6th March 2018, "New High Grade Nimbus Silver Core Averaging 968 g/t Ag" dated 10th May 2016, "Boorara Trial Open Pit Produced 1550 Ounces" dated 14 November 2016 and "Nimbus Increases Resources" dated 30th April 2015, each of which is available at www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in those announcements continue to apply and have not materially changed. The Company confirms that the form and context of the Competent Person's findings in relation to those Mineral Resources estimates have not been materially modified from the original market announcements.

Visit us at <u>www.intermin.com.au</u>

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#### **Forward Looking and Cautionary Statements**

Some statements in this report regarding estimates or future events are forward looking statements. They include indications of, and guidance on, future earnings, cash flow, costs and financial performance. Forward looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "could", "nominal", "conceptual" and similar expressions. Forward looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward looking statements may be affected by a range of variables that could cause actual results to differ from estimated results, and may cause the Company's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward looking statements. These risks and uncertainties include but are not limited to liabilities inherent in mine development and production, geological, mining and processing technical problems, the inability to obtain any additional mine licenses, permits and other regulatory approvals required in connection with mining and third party processing operations, competition for among other things, capital, acquisition of reserves, undeveloped lands and skilled personnel, incorrect assessments of the value of acquisitions, changes in commodity prices and exchange rate, currency and interest fluctuations, various events which could disrupt operations and/or the transportation of mineral products, including labour stoppages and severe weather conditions, the demand for and availability of transportation services, the ability to secure adequate financing and management's ability to anticipate and manage the foregoing factors and risks. There can be no assurance that forward looking statements will prove to be correct.

Statements regarding plans with respect to the Company's mineral properties may contain forward looking statements in relation to future matters that can only be made where the Company has a reasonable basis for making those statements.

This announcement has been prepared in compliance with the JORC Code (2012) and the current ASX Listing Rules.

The Company believes that it has a reasonable basis for making the forward looking statements in the announcement, including with respect to any production targets and financial estimates, based on the information contained in this and previous ASX announcements.