

# Reserve & Resource Compilation



Category	31-Dec-17			31-Dec-18		
	MTonnes metric	Grade g/t Au	Metal kAu oz	MTonnes metric	Grade g/t Au	Metal kAu oz
<b>ORE RESERVES</b> <sup>(1, 2, 3, 4, 5, 6)</sup>						
<b>Bakan (Indonesia)</b>						
- Proved	9.9	0.85	270	6.8	0.85	185
- Probable	12.3	0.64	254	10.2	0.64	210
<b>TOTAL</b>	<b>22.2</b>	<b>0.73</b>	<b>524</b>	<b>17.0</b>	<b>0.72</b>	<b>396</b>
<b>Lanut (Indonesia)</b> <sup>(7)</sup>						
- Proved	1.6	1.21	62	1.6	1.21	62
- Probable	1.9	1.57	95	1.9	1.57	95
<b>TOTAL</b>	<b>3.5</b>	<b>1.41</b>	<b>157</b>	<b>3.5</b>	<b>1.41</b>	<b>157</b>
<b>Penjom (Malaysia)</b> <sup>(8)</sup>						
- Proved	0.8	0.85	23	0.5	1.04	16
- Probable	16.4	0.98	516	15.0	0.88	424
<b>TOTAL</b>	<b>17.2</b>	<b>0.97</b>	<b>538</b>	<b>15.5</b>	<b>0.88</b>	<b>440</b>
<b>Seruyung (Indonesia)</b>						
- Proved	7.2	0.63	147	4.9	0.75	117
- Probable	4.1	0.56	74	1.9	0.68	41
<b>TOTAL</b>	<b>11.3</b>	<b>0.61</b>	<b>220</b>	<b>6.7</b>	<b>0.73</b>	<b>158</b>
<b>Doup (Indonesia)</b>						
- Proved	16.4	1.25	658	15.0	1.15	553
- Probable	29.3	1.26	1,192	32.8	1.29	1,364
<b>TOTAL</b>	<b>45.7</b>	<b>1.26</b>	<b>1,850</b>	<b>47.8</b>	<b>1.25</b>	<b>1,917</b>
<b>Pani (Indonesia)</b> <sup>(9)</sup>						
- Proved	11.9	0.90	344	15.3	1.03	509
- Probable	14.6	0.83	391	38.4	1.00	1,238
<b>TOTAL</b>	<b>26.6</b>	<b>0.86</b>	<b>735</b>	<b>53.7</b>	<b>1.01</b>	<b>1,747</b>
<b>Total</b>						
- Proved	47.8	0.98	1,504	44.1	1.02	1,442
- Probable	78.6	1.00	2,522	100.2	1.05	3,372
<b>Total Ore Reserves</b>	<b>126.4</b>	<b>0.99</b>	<b>4,025</b>	<b>144.3</b>	<b>1.04</b>	<b>4,814</b>
<b>MINERAL RESOURCES</b> <sup>(1, 3, 4, 5, 6)</sup>						
<b>Bakan (Indonesia)</b>						
- Measured	17.4	0.69	388	9.6	0.74	228
- Indicated	39.4	0.52	661	30.2	0.52	502
- Inferred	21.2	0.45	306	32.4	0.47	490
<b>TOTAL</b>	<b>78.0</b>	<b>0.54</b>	<b>1,355</b>	<b>72.2</b>	<b>0.53</b>	<b>1,220</b>
<b>Lanut (Indonesia)</b> <sup>(7)</sup>						
- Measured	2.3	1.18	89	2.3	1.18	89
- Indicated	6.1	1.13	222	6.1	1.13	222
- Inferred	4.3	1.02	141	4.3	1.02	141
<b>TOTAL</b>	<b>12.6</b>	<b>1.10</b>	<b>452</b>	<b>12.6</b>	<b>1.10</b>	<b>452</b>
<b>Penjom (Malaysia)</b> <sup>(8)</sup>						
- Measured	0.8	0.85	23	0.5	1.04	16
- Indicated	34.2	1.08	1,197	33.6	1.07	1,162
- Inferred	7.2	1.27	295	7.2	1.28	295
<b>TOTAL</b>	<b>42.3</b>	<b>1.10</b>	<b>1,515</b>	<b>41.3</b>	<b>1.11</b>	<b>1,473</b>
<b>Seruyung (Indonesia)</b>						
- Measured	10.5	0.55	186	10.4	0.55	185
- Indicated	13.6	0.41	181	11.9	0.40	152
- Inferred	3.6	0.29	34	3.9	0.30	38
<b>TOTAL</b>	<b>27.7</b>	<b>0.45</b>	<b>401</b>	<b>26.2</b>	<b>0.45</b>	<b>376</b>
<b>Doup (Indonesia)</b>						
- Measured	19.1	1.21	743	20.1	1.12	725
- Indicated	42.2	1.19	1,611	46.2	1.24	1,838
- Inferred	17.8	1.21	691	23.0	1.05	773
<b>TOTAL</b>	<b>79.1</b>	<b>1.20</b>	<b>3,045</b>	<b>89.3</b>	<b>1.16</b>	<b>3,335</b>
<b>Pani (Indonesia)</b>						
- Measured	13.8	0.95	423	15.5	1.03	511
- Indicated	38.7	0.91	1,136	41.3	0.98	1,308
- Inferred	14.1	1.12	504	15.9	0.93	476
<b>TOTAL</b>	<b>66.6</b>	<b>0.96</b>	<b>2,063</b>	<b>72.7</b>	<b>0.98</b>	<b>2,295</b>
<b>Total</b>						
- Measured	63.9	0.90	1,851	58.3	0.94	1,754
- Indicated	174.2	0.89	5,008	169.4	0.95	5,184
- Inferred	68.2	0.90	1,972	86.6	0.80	2,213
<b>Total Mineral Resources</b>	<b>306.3</b>	<b>0.90</b>	<b>8,831</b>	<b>314.3</b>	<b>0.91</b>	<b>9,151</b>

**Notes:**

- (1) The Ore Reserves and Mineral Resources Estimate published for 31 December 2018 in accordance with the JORC 2012 Code and the KCMII 2017 Code
- (2) Reserves 2018 estimated at a gold price of \$1,250/oz.
- (3) All reserves and resources figures after production depletion 2018.
- (4) Totals may not add due to rounding.
- (5) Bakan and Seruyung reserves and resources cut off grades are 0.20 g/t Au. Lanut reserves and resources cut off grades are 0.30 g/t Au. Reserve and Resource cut off grades for Doup, Pani and Penjom are 0.4 g/t Au.
- (6) Reserve and resource audits by Behre Dolbear Australia (BDA) have been completed for Bakan, Penjom, Seruyung, Doup and Pani
- (7) No change of resource-reserve figures from previous year.
- (8) Reserve and resource figures for Penjom include stockpiles and TSF.
- (9) All reserves in PT GSM contract of work area but Pit boundary extends to KUD area