



## Brucejack Project Reserves and Resource Update (April 2019)

## MINERAL RESERVES BY ZONE

Category	Tonnes (millions)	Gold (g/t)	Silver (g/t)	Contained				
				Gold	Silver			
				(mil oz)	(mil oz)			
Valley of the Kings(1) – April 2019								
Proven	2.0	11.2	11.8	0.7	0.7			
Probable	11.1	14.3	10.5	5.1	3.8			
Total P+P	13.1	13.8	10.7	5.8	4.5			
West Zone <sup>(2)</sup> – June 2014								
Proven	1.4	7.2	383	0.3	17.4			
Probable	1.5	6.5	181	0.3	8.6			
Total P+P	2.9	6.9	279	0.6	26.0			
Total Mine								
Proven	3.4	9.5	166.5	1.0	18.1			
Probable	12.6	13.4	30.8	5.4	12.4			
Total P+P	16.0	12.6	59.3	6.4	30.5			

## MINERAL RESOURCES BY ZONE

Category	Tonnes (millions)	Gold (g/t)	Silver (g/t)	Contained				
				Gold	Silver			
				(mil oz)	(mil oz)			
Valley of the Kings <sup>(3)</sup> – April 2019								
Measured	1.8	17.15	16.4	1.0	1.0			
Indicated	11.9	17.15	15.4	6.6	5.9			
Total M+I	13.7	17.15	15.5	7.6	6.8			
Inferred	3.8	17.7	19.4	2.2	2.4			
		West Zone(4)	- December 201	13				
Measured	2.4	5.85	347	0.5	26.8			
Indicated	2.5	5.86	190	0.5	15.1			
Total M+I	4.9	5.85	267	0.9	41.9			
Inferred	4.0	6.44	82	0.8	10.6			

<sup>(1)</sup> See *news release* dated April 04, 2019. Mineral Reserves & Resources exclude all Mineral Reserve & Resource material mined prior to January 1, 2019

Rounding of some figures may lead to minor discrepancies in totals. Mineral Reserves are based on US\$185/t NSR cutoff grade, US\$ 1,200/oz Au price, US\$ 15.6/oz Ag price, C\$/US\$ exchange rate = 0.78. Mineral Resources are based on a cut-off grade of 5.0 grams of gold-equivalent/tonne. Mineral Resources are inclusive of Reserves. The gold equivalent value is defined as AuEq = Au + Ag/53.

Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, marketing, or other relevant issues. The Mineral Resources in the above table were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), CIM Standards on Mineral Resources and Reserves, Definitions and Guidelines prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council.

The quantity and grade of reported Inferred resources in this estimation are uncertain in nature and there has been insufficient exploration to define these Inferred Resources as an Indicated or Measured Mineral Resource. It is uncertain if further exploration will result in upgrading them to an Indicated or Measured Mineral Resource category.

<sup>(2)</sup> See news release dated July 21, 2016.

<sup>(3)</sup> See news release dated April 04, 2019.

<sup>(4)</sup> See Brucejack Project Mineral Resources Update Technical Report dated December 19, 2013.