

## Galore Creek Reserves and Resources

### Mineral Reserve Statement

Category	Tonnage (Million tonnes)	Diluted Grade			Contained Cu (Billion pounds)	Contained Au (Million ounces)	Contained Ag (Million ounces)
		Cu Grade (%)	Au Grade (g/t)	Ag Grade (g/t)			
Proven	69.0	0.61	0.52	4.94	0.9	1.15	11.0
Probable	459.1	0.58	0.29	6.18	5.9	4.30	91.2
<i>Total Proven and Probable</i>	<b>528</b>	<b>0.59</b>	<b>0.32</b>	<b>6.02</b>	<b>6.8</b>	<b>5.45</b>	<b>102.1</b>

Effective Date 11 July 2011, Jay Melnyk, P.Eng.

### Mineral Resource Table (exclusive of Reserves)

Category	Tonnage (Million tonnes)	Cu Grade (%)	Au Grade (g/t)	Ag Grade (g/t)	Contained Cu (Billion pounds)	Contained Au (Million ounces)	Contained Ag (Million ounces)
Indicated	247.2	0.34	0.26	3.81	1.85	2.04	30.26
<i>Total Measured and Indicated</i>	<b>286.7</b>	<b>0.33</b>	<b>0.27</b>	<b>3.64</b>	<b>2.07</b>	<b>2.53</b>	<b>33.54</b>
Inferred	346.6	0.42	0.24	4.28	3.23	2.70	47.73

Effective Date 11 July 2011, G. Kulla, P.Geo.

t = metric tonne

g = gram

M = million

oz = ounces

lb = pound

### Notes to Accompany Mineral Reserves Table

1. Mineral Reserves are contained within Measured and Indicated pit designs using metal prices for copper, gold and silver of US\$2.50/lb, US\$1,050/oz, and US\$16.85/oz, respectively.
2. Appropriate mining costs, processing costs, metal recoveries and inter ramp pit slope angles varying from 42° to 55° were used to generate the pit phase designs.
3. Mineral Reserves have been calculated using a 'cashflow grade' (\$NSR/SAG mill hr) cut-off which was varied from year to year to optimize NPV. The net smelter return (NSR) was calculated as follows: NSR = Recoverable Revenue – TCRC (on a per tonne basis), where: NSR = Net Smelter Return; TCRC = Transportation and Refining Costs; Recoverable Revenue = Revenue in Canadian dollars for recoverable copper, recoverable gold, and recoverable silver using metal prices of US\$2.50/lb, US\$1,050/oz, and US\$16.85/oz for copper, gold, and silver, respectively, at an exchange rate of CAD\$1.1 to US\$1.0; Cu Recovery = Recovery for copper based on mineral zone and total copper grade; for Mineral Reserves this NSR calculation includes mining dilution. SAG throughputs were modeled by correlation with alteration types. Cashflow grades were calculated as the product of NSR value in \$/t and throughput in t/hr.
4. The life of mine strip ratio is 2.16.
5. Rounding as required by reporting guidelines may result in apparent summation differences between tonnes, grade and contained metal content.
6. Tonnage and grade measurements are in metric units. Contained gold and silver ounces are reported as troy ounces, contained copper pounds as imperial pounds.

## Notes to Accompany Mineral Resources Table

1. Mineral Resources are exclusive of Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
2. Mineral resources are contained within a conceptual Measured, Indicated and Inferred optimized pit shell using the same economic and technical parameters as used for Mineral Reserves. Tonnages are assigned based on proportion of the block below topography. The overburden/bedrock boundary has been assigned on a whole block basis. Commodity prices used to constrain the Mineral Resources are US\$2.50/lb copper, US\$1,050/oz gold, and US\$16.85/oz silver.
3. Mineral resources have been estimated using a constant NSR cut-off of C\$10.08/t milled. The Net Smelter Return (NSR) was calculated as follows:  $NSR = Recoverable\ Revenue - TCRC$  (on a per tonne basis), where:  $NSR = Diluted\ Net\ Smelter\ Return$ ;  $TCRC = Transportation\ and\ Refining\ Costs$ ;  $Recoverable\ Revenue = Revenue\ in\ Canadian\ dollars\ for\ recoverable\ copper,\ recoverable\ gold,\ and\ recoverable\ silver$  using the economic and technical parameters used for mineral reserves.
4. Rounding as required by reporting guidelines may result in apparent summation differences between tonnes, grade and contained metal content.
5. Tonnage and grade measurements are in metric units. Contained gold and silver ounces are reported as troy ounces, contained copper pounds as imperial pounds.

## Definitions for Mineral Reserves and Mineral Resources

Mineral Reserves and Mineral Resources: "Proven" and "probable" mineral reserves and "measured", "indicated" and "inferred" mineral resources are estimated in accordance with the definitions of these terms adopted by the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") in November, 2010 updated in May 2014 and incorporated in National Instrument 43-101, Standards of Disclosure for Mineral Projects ("NI 43-101"), by Canadian securities regulatory authorities.

Mineral resources are reported separately from, and do not include, that portion of the mineral resources classified as mineral reserves.

## The CIM definitions for mineral resources and mineral reserves are as follows:

A "mineral resource" is a concentration or occurrence of solid material of economic interest in or on the Earth's crust in such form, grade or quality and quantity that there are reasonable prospects for eventual economic extraction. The location, quantity, grade or quality, continuity and other geological characteristics of a mineral resource are known, estimated or interpreted from specific geological evidence and knowledge, including sampling.

An "inferred mineral resource" is that part of a mineral resource for which quantity and grade or quality are estimated on the basis of limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade or quality continuity. An inferred mineral resource has a lower level of confidence than that applying to an indicated mineral resource and must not be converted to a mineral reserve. It is reasonably expected that the majority of inferred mineral resources could be upgraded to indicated mineral resources with continued exploration. An inferred mineral resource is based on limited information and sampling gathered through appropriate sampling techniques from locations such as outcrops, trenches, pits, workings and drillholes. Inferred mineral resources must not be included in the economic analysis, production schedules, or estimated mine life in publicly disclosed prefeasibility or feasibility studies, or in the life of mine plans and cash flow models of developed mines. Inferred mineral resources can only be used in economic studies as provided under NI 43-101.

An "indicated mineral resource" is that part of a mineral resource for which quantity, grade or quality, densities, shape and physical characteristics are estimated with sufficient confidence to allow the application of modifying factors in sufficient detail to support mine planning and evaluation of the economic viability of the deposit. Geological evidence is derived from adequately detailed and reliable exploration, sampling and testing and is sufficient to assume geological and grade or quality continuity between points of observation. An indicated mineral resource has a lower level of confidence than that applying to a measured mineral resource and may only be converted to a probable mineral reserve. Mineralization may be classified as an indicated mineral resource by the qualified person when the nature, quality, quantity and distribution of data are such as to allow confident interpretation of the geological framework and to reasonably assume the continuity of mineralization. An indicated mineral resource estimate is of sufficient quality to support a prefeasibility study which can serve as the basis for major development decisions.

A "measured mineral resource" is that part of a mineral resource for which quantity, grade or quality, densities, shape, and physical characteristics are estimated with confidence sufficient to allow the application of modifying factors to support detailed mine planning and final evaluation of the economic viability of the deposit. Geological evidence is derived from detailed and reliable exploration, sampling and testing and is sufficient to confirm geological and grade or quality continuity between points of observation. A measured mineral resource has a higher level of confidence than that applying to either an indicated mineral resource or an inferred mineral resource. It may be converted to a proven mineral reserve or to a probable mineral reserve. Mineralization or other natural material of economic interest may be classified as a measured mineral resource when the nature, quality, quantity and distribution of data are such that the tonnage and grade or quality of the mineralization can be estimated to within close limits and that variation from the estimate would not significantly affect potential economic viability of the deposit. This category requires a high level of confidence in, and understanding of, the geology and controls of the mineral deposit.

A "mineral reserve" is the economically mineable part of a measured and/or indicated mineral resource. It includes diluting materials and allowances for losses, which may occur when the material is mined or extracted and is defined by studies at prefeasibility or feasibility level as appropriate that include application of modifying factors. These studies demonstrate that, at the time of reporting, extraction could reasonably be justified.



A "probable mineral reserve" is the economically mineable part of an indicated, and in some circumstances, a measured mineral resource. The confidence in the modifying factors applying to a probable mineral reserve is lower than that applying to a proven mineral reserve.

A "proven mineral reserve" is the economically mineable part of a measured mineral resource. A proven mineral reserve implies a high degree of confidence in the modifying factors.

#### **Methodologies and Assumptions**

Mineral reserve and mineral resource estimates are based on various assumptions relating to operating matters, including with respect to production costs, mining and processing recoveries, mining dilution, cut-off values or grades, as well as assumptions relating to long-term commodity prices and, in some cases, exchange rates. Cost estimates are based on feasibility study estimates or operating history.

Methodologies used in reserve and resource estimates vary from property to property depending on the style of mineralization, geology and other factors. Geostatistical methods, appropriate to the style of mineralization, have been used in the estimation of reserves at Teck's material base metal properties.

Assumed metal prices vary from property to property for a number of reasons. Teck has interests in a number of joint ventures for which assumed metal prices are a joint venture decision. In certain cases, assumed metal prices are historical assumptions made at the time of the relevant reserve and resource estimates. For operations with short remaining lives, assumed metal prices may reflect shorter-term commodity price forecasts.

#### **Technical Reports and Qualified Persons**

The document referenced below provides supporting technical information for the Galore Creek Project.

<b>Project</b>	<b>Qualified Person(s)</b>	<b>Most Recent Disclosures &amp; Filing Date</b>
Galore Creek	Jay Melnyk, P.Eng., AMEC Greg Kulla, P.Geo., AMEC	Galore Creek Copper-Gold Project NI 43-101 Technical Report on Pre-Feasibility Study, British Columbia – Canada" effective July 27, 2011.