# **FIREWEED** METALS

# **Critical Metals Powerhouse**

- Projects located in mining-friendly Canadian territories,
   the Yukon and Northwest Territories
- Macmillan Pass is a clear standout in terms of scale,
   economics, and upside potential
- MacTung-MacPass synergies combined, these projects create even more value than they could alone
- Gayna River provides exciting exploration potential
- Big names already paying attention Teck has invested, others are watching
- Updated resource statement and new economic studies are slated for 2023



### **Excellent Upside Potential**

- Over 977 sq km land package accessible via existing road and highway
- Macmillan Pass is one of the largest undeveloped Zinc deposits in the world
- MacTung is one of the largest, highest-grade undeveloped Tungsten deposits in the world
- Combined, these two projects could be even more than the sum of their parts

### **Senior Management**

Brandon MacdonaldCEO & DirectorGeorge GorzynskiExecutive VP & DirectorCindy ChiangCFOJames ScottSenior VP, Projects

**Board of Directors** 

John Robins Chairman

Adrian Rothwell

Peter Hemstead

**Gilles Dessureau** 

Pamela O'Hara

**Jack Milton** 

Moira Cruickshanks

**Marcus Chalk** 

**VP** Exploration

**VP** Sustainability

Chief Geologist

**VP** Technical Services



## 2018 Macmillan Pass Resource Estimate

Tom and Jason ONLY

Category	Tonnes (Mt)	ZnEq %	Zn %	Pb %	Ag g∕t	B lbs Zn	B lbs Pb	MOz Ag
Indicated	11.21	9.61	6.59	2.48	21.33	1.63	0.61	7.69
Inferred	39.47	10.00	5.84	3.14	38.15	5.08	2.73	48.41

See Fireweed Metals news release dated June 7, 2022 for background information. NI 41-101 Qualified Person statement is on Page 1 of this fact sheet.

- 2018 Resource includes only Tom & Jason, not End Zone or Boundary Zone, both of which show significant upside
- Excellent potential for resource expansion along trend and at depth in all zones
- Massive potential of Boundary Zone, which shows both scale potential (250m true-width of 4.1% Zn) and grade potential (6.4m true-width of 42.5% Zn), just now being realized
- 2022 highlights including three distinct high-grade Zinc zones including 23.77% Zn, 3.44% Lead, and 75.5 G/T Silver over 10.42 M at Boundry West

### 2008 MacTung Historical Resource Estimate

Category	Tonnes (Mt)	W0 <sub>3</sub> %	Relative Size: Contained WO <sub>3</sub> metal (t)						
Indicated	33.03	0.88	450,000						
Inferred	11.9	0.78	400,000	<ul><li>Logtung</li><li>Hemerdon</li></ul>					
Historical Resource Estimates The reader is cautioned that a qualified person has not done sufficient work to classify			350,000	Sisson	<ul> <li>Sangdong</li> </ul>	• Macrung			
the historical estimates in this presentation as current mineral resources or mineral resources and is not treating the									

The reader is califored that a qualified person has not done sufficient work to classify the historical estimates in this presentation as current mineral resources or mineral reserves. The Company has not verified these historical resources and is not treating the historical estimates as current mineral resources or mineral reserves. While these estimates are prepared in accordance with National Instrument 43-101 and the "Canadian Institute of Mining, Metallurgy and Petroleum Standards on Mineral Resources and Page 6 of 7 Mineral Reserves Definition Guidelines" in effect at the time, there is no assurance that they are in accordance with current standards and these resource estimates should not be regarded as consistent with current standards or unduly relied upon as such. Fireweed includes these historical estimates in this presentation for information purposes as they represent relevant material historical data which have previously been publicly disclosed and are accessible online. To the Company's knowledge, the 2007 technical report is the most recent mineral resource estimate available for the Mactung deposits and the 2009 preliminary economic study is the most recent economic study. Further and updated work is needed to validate the drill hole database, associated assay results, economics and other pertinent information. For further information on historical estimates at Mactung consult Fireweed News Release dated June 7, 2022.



#### **PEA Cautionary Note**

Readers are cautioned that the PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA results will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability. Additional work is needed to upgrade these mineral resources to mineral reserves.

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#### Forward-Looking Statements

This information sheet contains "forward-looking" statements and information relating to the Company and its projects that are based on the beliefs of Company management, as well as assumptions made by and information currently available to Company management. Such statements reflect the current risks, uncertainties and assumptions related to certain factors including but not limited to, without limitations, exploration and development risks, expenditure and financing requirements, general economic conditions, changes in financial markets, the ability to properly and efficiently staff the Company's operations, the sufficiency of working capital and funding for continued operations, title matters, First Nations relations, operating hazards, political and economic factors, competitive factors, metal prices, relationships with vendors and strategic partners, governmental regulations and oversight, permitting, seasonality and weather, technological change, industry practices, and one-time events. Additional risks are set out in the Company's prospectus dated May 9, 2017 and filed under the Company's profile on

SEDAR at www.sedar.com. Should any one or more risks or uncertainties materialize or change, or should any underlying assumptions prove incorrect, actual results and forward-looking statements may vary materially from those described herein. The Company does not undertake to update forward-looking statements or forward-looking information, except as required by law.

#### NI 43-101 Qualified Person

Brandon Macdonald PGeo ,CEO and Director of Fireweed Metals, and a Qualified Person under the meaning of Canadian National Instrument 43-101, is responsible for the technical information in this information sheet. Leon McGarry, PGeo., Senior Resource Geologist for CSA Global Canada Geosciences Ltd. is independent of Fireweed Metals and a 'Qualified Person' as defined under Canadian National Instrument 43-101, Mr. McGarry is responsible for the Mineral Resource Estimate and directly related information in this information sheet. Michael Makarenko, PEng., Project Manager for JDS Energy and Mining, Inc., is independent of Fireweed Metals and a 'Qualified Person' as defined under Canadian National Instrument 43-01, Mr. McGarry is responsible for the Mineral Resource Estimate and directly related information in this information and a 'Qualified Person' as defined under Canadian National Instrument 43-101, Mr. Makarenko is responsible for the PEA results and directly related information in this fact sheet.

Fireweed Metals, formerly Fireweed Zinc, is a proud member of



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