



## NEWS RELEASE

September 20, 2018

TSXV: FWZ

### **Fireweed Drills 21.1% Zinc, 13.5% Lead and 243 g/t Silver over 16.41 m in a Step-Out Hole at Tom East**

**Vancouver, British Columbia:** FIREWEED ZINC LTD. (“Fireweed” or the “Company”) (TSXV: FWZ) is pleased to announce the first drill results from its 2018 drill program on the Macmillan Pass Project in Yukon, Canada.

#### **Highlights**

- Hole TS18-004 intersected 21.1% Zinc, 13.5% Lead and 243 g/t Silver over 16.41 meters (true width interpretations range from approximately 5 m to 12 m depending on structural interpretations\*)
- This hole was drilled below the Tom East Zone to test the downdip extension of the resource. The zone remains open for further expansion.
- Additional drilling has been completed and assays are pending from the Tom, Jason and End Zone areas

Drill hole TS18-004 intersected the Tom East zone approximately 50m down dip from the nearest known mineralized intersection. The drill hole intersected massive and laminated sulphide similar to feeder proximal mineralization encountered elsewhere in the Tom East and Tom West Zones. Sulphide minerals include sphalerite, galena, pyrite, and pyrrhotite and are hosted within diamictite and carbonaceous mudstones of the Macmillan Pass member of the Portrait Lake Formation (Earn Group).

The structural complexities encountered in hole TS18-004 suggest that potential extensions to the Tom East zone may be folded, presenting an opportunity to drill-test areas of structural thickening or higher grades in hinge-zones of folds. Tom East remains open at depth and there is further upside potential in resolving the geometry of the fold hinge zone.

Results from these first drill assays received are as follows:

#### **TOM EAST ZONE DRILL RESULTS**

Hole No.	From (meters)	To (meters)	Interval (meters)	Estimated True Width (meters)*	Zinc (%)	Lead (%)	Silver (g/t)
TS18-004	312.15	328.56	16.41	5.0-12.3	21.14	13.55	242.8
Including:	319.00	327.70	8.70	2.6-6.5	23.88	19.42	332.9
Including:	319.00	322.00	3.00	1.0-2.3	35.66	18.49	312.7
Including:	326.15	327.70	1.55	0.5-1.2	15.67	35.65	542.1

\*Structural complexity in the area makes true width estimates difficult without further drilling. The estimates in the table are based on core angles and known mineralization orientation respectively range from 5-12 m depending on structural interpretations.

Assay results from additional drill holes are still pending as assays results have been slow in arriving due to generally large volumes of samples in the laboratories. As these first assays are received, the drill program at Macmillan Pass has now finished and field crews are now finishing up, winterizing the camp, and demobilizing for the season before winter conditions set in. The total meters drilled during the 2018 program were less than initially planned as management took a prudent budget-conscious approach to preserve cash given current market conditions and focused additional time on cost effective methods for targeting new discoveries on the large property including the field work described below. Maps, sections and a table of drill holes completed this year with notes on targets tested are attached to this news release and posted on [www.FireweedZinc.com](http://www.FireweedZinc.com).

#### *2018 Drilling Summary*

During the 2018 season, a total of 5,497 meters of drilling was completed in 20 holes. This drilling comprised 2,965 meters in 11 (mainly step out) holes at Tom West, 748 meters in two holes (step out and infill) at Tom East, 678 meters in one step out hole at Jason South, 429 meters in four step out and confirmation holes at End Zone and 677 meters in two holes on new targets.

#### *2018 Field Work Summary*

Field work began in early June (see Fireweed news release dated June 5, 2018) with geophysical surveying and geochemical sampling orientation grids in the Tom, Jason and End Zone areas to optimize exploration methodologies. This test work demonstrated that buried mineralization can be detected using a combination of conventional and new exploration technologies, guided by geological mapping and modern exploration concepts. The technologies determined to best detect zinc-lead-silver mineralization in the district are: geophysical surveying comprising ground gravity with passive seismics; and geochemical B/C horizon and soil gas hydrocarbon (SGH) soil sampling. Large gravity and soil sampling grids were completed and geological mapping was carried out in key areas. In total, 221.9 line kilometers of gravity surveying have been completed, covering approximately 45.5 km<sup>2</sup>, and 2,901 geochemical B/C horizon and 2,489 SGH soil samples have been submitted for analyses.

Results received to date from the gravity, geochemistry and geological work are identifying new high priority drill targets with potential for new discoveries.

#### *CEO Statement*

Brandon Macdonald, CEO, stated “We are very pleased with the exceptional results from this first drill hole demonstrating again the propensity for these mineralizing systems to produce high grades. The results from TS18-004 show that Tom East is not only open for expansion but can be grown while producing grades well above the zone average. With these first drill assays now in, we look forward to continuing releases of drill results from the multiple zones tested this summer as well as results from the large program of geophysics, geochemistry and mapping carried out on the property.”

#### *Notes on sampling and assaying:*

The drill core logging and sampling program is carried out under a rigorous quality assurance / quality control program using industry best practices. Drill intersections are all HQ3 (split tube) size core (61.1mm / 2.4-inch diameter) with recoveries typically above 85%. After drilling, the core is logged for geology, structure and geotechnical characteristics, marked for sampling, and photographed on site. The cores for analyses are marked for sampling based on geological intervals with individual samples 1.5 meters or less in length. The core is cut in half lengthwise with a rock saw at the core facility on site, with half-core samples bagged and sent by reliable transport to the laboratory, and the other half-cores are stored on site for future reference. Intersections selected for metallurgical testing are cut in half with a rock saw and then quartered; one quartered core is archived on site, one quartered core is sent for assay, and the half-core is sent for metallurgical testing. A total of 5% assay standards and 5% blanks are inserted into every sample

shipment as a quality control measure and, after analyses were received, were found to be acceptable. Samples are sent to the Bureau Veritas (formerly Acme Labs) preparation laboratory in Whitehorse, Yukon where the samples are crushed and pulverized to 85% passing 200 mesh size pulps. A 250-gram split of each pulp is then sent to the Bureau Veritas laboratory in Vancouver, B.C. and analyzed by 1:1:1 Aqua Regia digestion followed by Inductively Coupled Plasma Mass Spectrometry (ICP-ESI/ICP-MS) multi-element analyses (BV Code AQ270). All samples are also analyzed by lithium borate fusion and X-ray fluorescence analysis (XRF) finish (BV Code LF725). Over-limit Pb (>25.0%) and Zn (>24.0%) were analyzed by lithium borate fusion with XRF finish (BV Code LF726). Silver is reported in this news release by method AQ270, and zinc and lead are reported by LF725 or LF726. Bureau Veritas (Vancouver) is an independent, international ISO/IEC 17025:2005 accredited laboratory.

Technical information in this news release has been approved by Gilles Dessureau, P.Geo, Vice President Exploration and a ‘Qualified Person’ as defined under Canadian National Instrument 43-101.

**About Fireweed Zinc Ltd. (TSXV:FWZ):** Fireweed Zinc is a public mineral exploration company focused on zinc and managed by a veteran team of mining industry professionals. The Company is advancing its large 470 km<sup>2</sup> Macmillan Pass Project in Yukon, Canada, which is host to the 100% owned Tom and Jason zinc-lead-silver deposits with recently announced new Mineral Resources and a PEA economic study (see Fireweed news releases dated January 10, 2018 and May 23, 2018 respectively and reports filed on [www.sedar.com](http://www.sedar.com) for details). The project also includes option agreements on large blocks of adjacent claims (MAC, MC, MP, Jerry, BR and NS) which cover projected extensions of mineralization from the Jason area and areas where previous exploration identified zinc, lead and silver geochemical anomalies in critical host geology.

Additional information about Fireweed Zinc and its Macmillan Pass Project, can be found on the Company’s website at [www.FireweedZinc.com](http://www.FireweedZinc.com) and at [www.sedar.com](http://www.sedar.com).

#### **ON BEHALF OF FIREWEED ZINC LTD.**

*“Brandon Macdonald”*

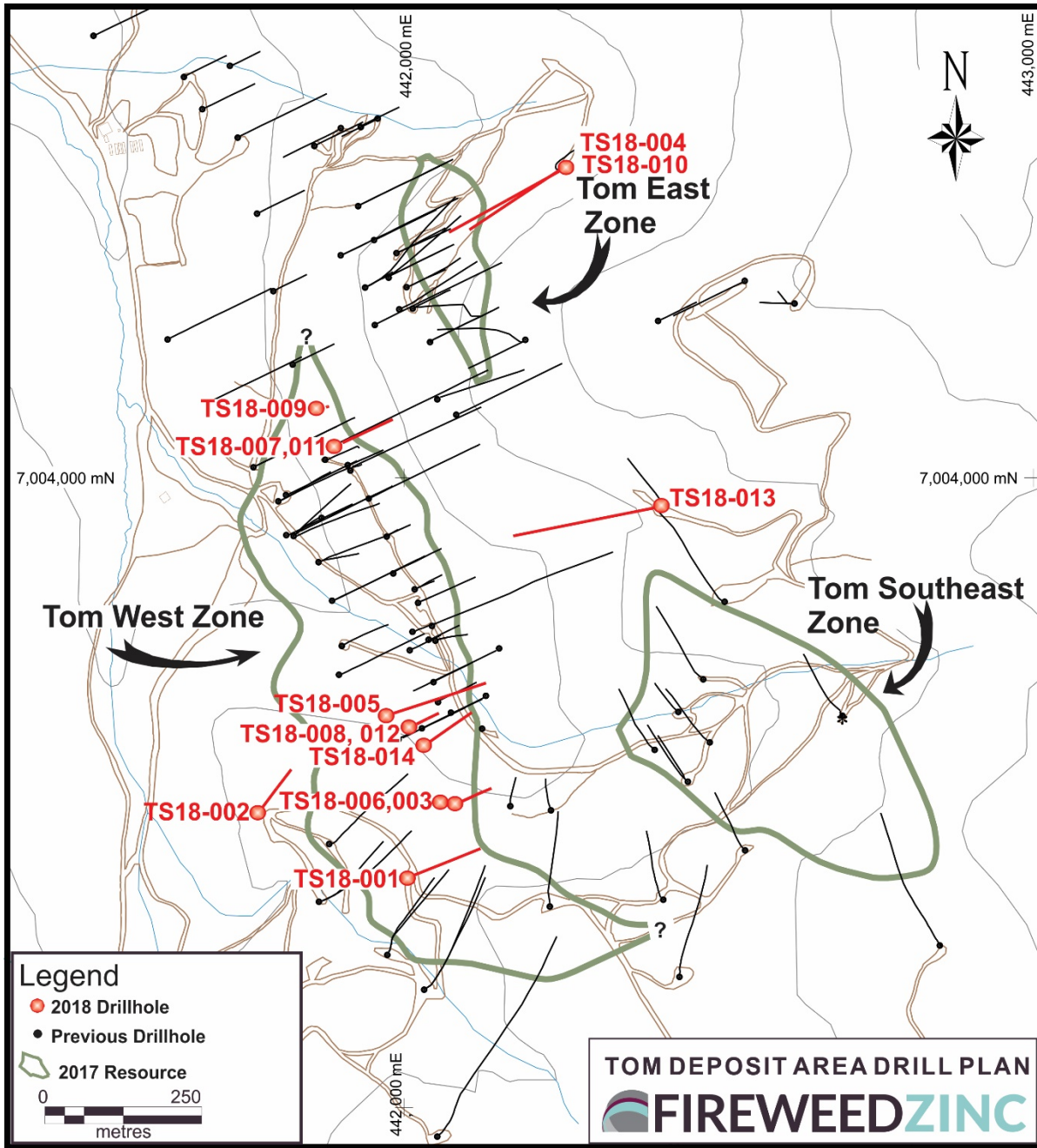
CEO & Director

*Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.*

---

#### **Forward-Looking Statements**

This news release may contain “forward-looking” statements and information relating to the Company and the Macmillan Pass Project 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](http://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.



### HOLES PLOTTED

TOTAL 16

TS052	TS062	TS091	TS091W1
TS092	TS18-004	TS18-010	TS91-015
TU005	TU006	TU012	TU013
TU030	TU031	TU034	TU061

TOPOGRAPHY	COLOUR	CODE
Tom_Topo		2018
HOLE TRACES	COLOUR	CODE
DH_Descr		2018
RESOURCE	COLOUR	CODE
Estimate		2018

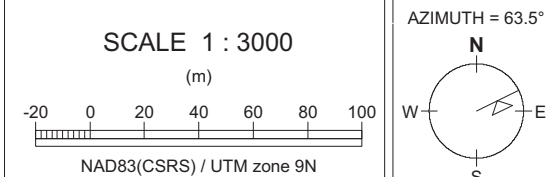
ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1_Code		MDST	Mudstone
		DIAM	Diamictite
		CASE	Casing
		CONG	Conglomerate
		FLTZ	Fault Zone
		STST	Siltstone
		SDMD	Sandy Mudstone
		SDST	Sandstone
		LXSX	Laminated sulphide
		MXSX	Massive sulphide
		SMSX	Semi-massive sulphide
		MINZ	Mineralized Zone
		LSGB	Laminated sph+gn+ba

#### ASSAY PROFILES

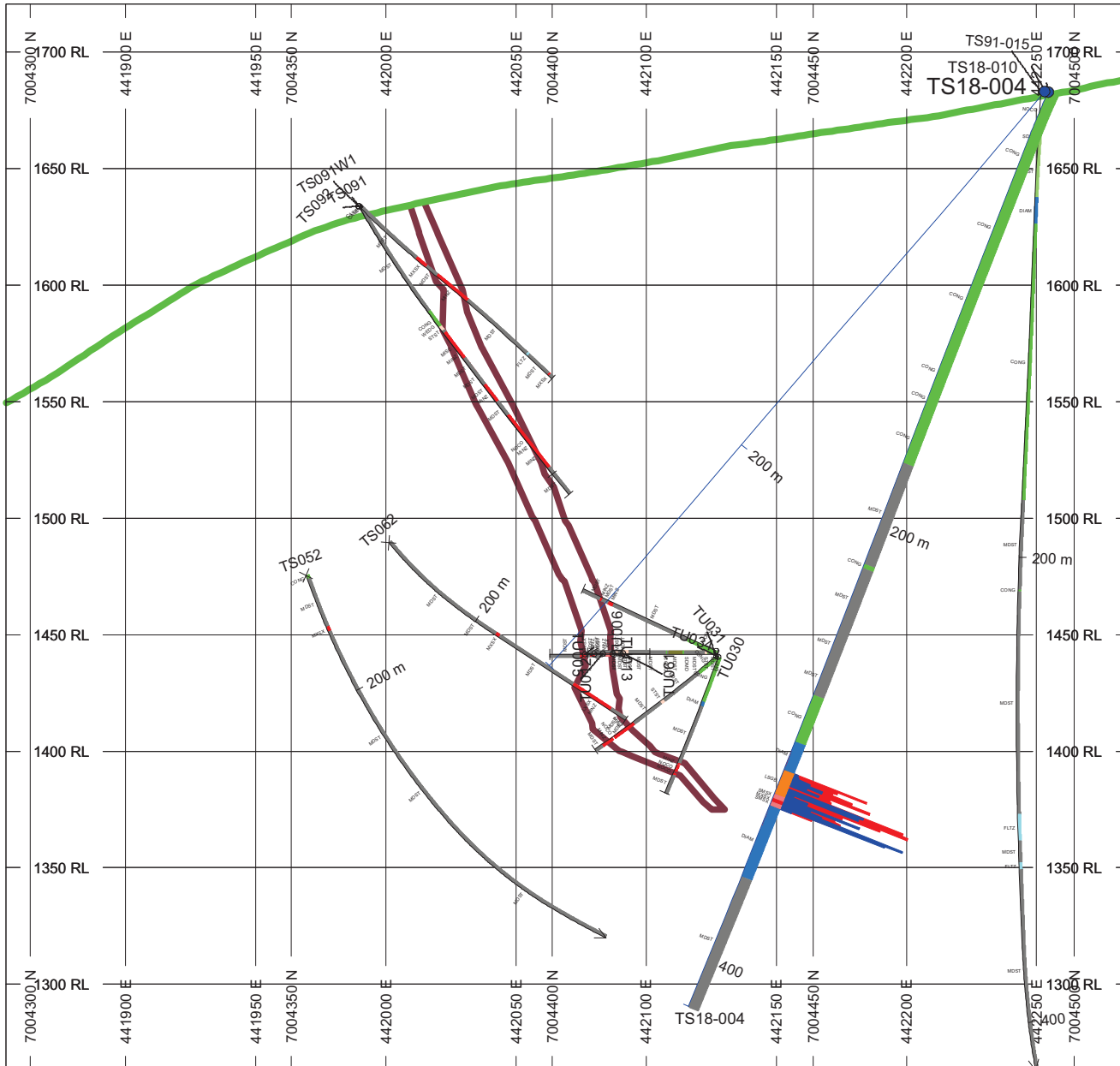
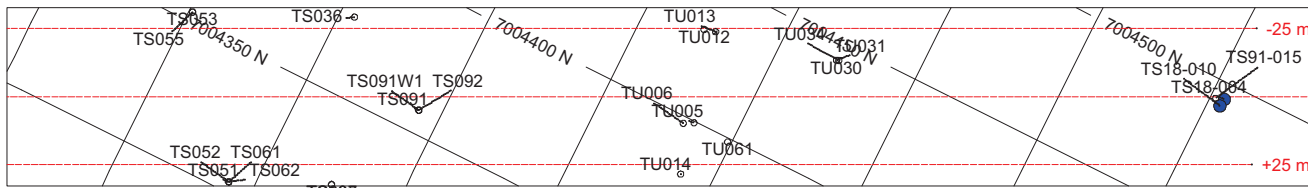
	Pb (max 38.1% Pb)
	Zn (max 38.6% Zn)

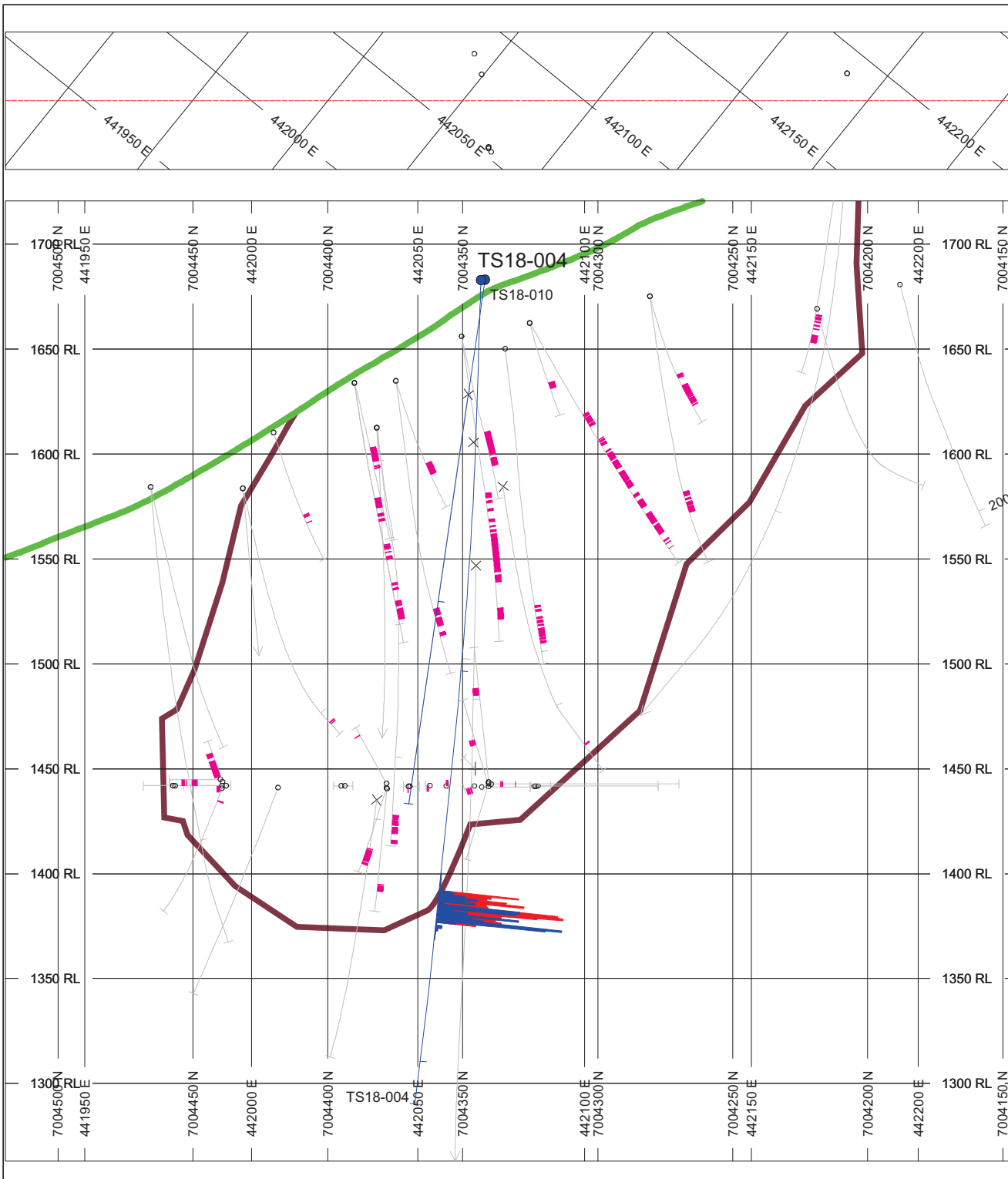
#### SECTION SPECS:

REF. PT. E, N	442070 m	7004403 m
EXTENTS	482.4 m	457.8 m
SECTION TOP, BOT	1721 m	1263 m
TOLERANCE +/-	25 m	



Fireweed Zinc Ltd.  
Macmillan Pass Project  
Tom East Deposit  
2018 Drilling - Cross Section





TOPOGRAPHY	COLOUR	CODE
Tom_Topo	Green	2018

HOLE TRACES	COLOUR	CODE
DH_Descr	Blue	2018

RESOURCE	COLOUR	CODE
Estimate	Brown	2018

ASSAY PROFILES

Lead (max 38.1% Pb)	Blue
Zinc (max 38.6% Zn)	Red

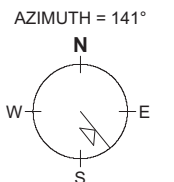
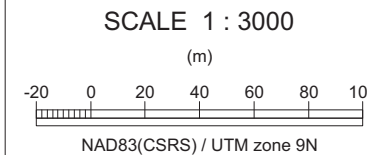
HISTORIC INTERSECTIONS

Zinc (intersections greater than 6% Zn)	Pink dashed
---	-------------

Tom\_Topo\_Canvec50k.GRD

SECTION SPECS:

REF. PT. E, N	442078 m	7004332 m
EXTENTS	482.4 m	457.8 m
SECTION TOP, BOT	1721 m	1263 m
TOLERANCE +/-	170.5 m	
SWING ANGLE	-25°	



Fireweed Zinc Ltd.  
 Macmillan Pass Project  
 Tom East Deposit  
 2018 Drilling - Long Section

Appendix to Fireweed Zinc news release dated September 2018.

Macmillan Pass 2018 Drilling Summary

<u>Hole No.</u>	<u>Zone</u>	<u>Drill Target</u>	<u>Results</u>
TS18-001	Tom West	Step out hole at south end of Tom West Zone	No zone intersected. Intersected fault where zone was projected*.
TS18-002	Tom West	Step out hole at south end of Tom West Zone	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-003	Tom West	Step out hole at south end of Tom West Zone	Short zone intersection truncated by fault*. Assays pending.
TS18-004	Tom East	Step out hole below Tom East Zone	Assays reported in this news release above
TS18-005	Tom West	Tom West infill to test zone of historic poor recovery.	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-006	Tom West	Step out hole at south end of Tom West Zone	No zone intersected. Intersected fault where zone was projected*.
TS18-007	Tom West	Infill hole at north end of Tom West Zone.	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-008	Tom West	Tom West infill to test zone of historic poor recovery.	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-009	Tom West	Step out hole at north end of Tom West Zone.	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-010	Tom East	Infill hole in Tom East Zone	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-011	Tom West	Infill hole at north end of Tom West Zone.	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-012	Tom West	Tom West infill to test zone of historic poor recovery.	Zone intersected. Samples submitted to laboratory. Assays pending.
TS18-013	Tom area exploration target	Test of exploration target east of Tom West Zone	No significant intersection
TS18-014	Tom West	Infill hole at south end of Tom West Zone	Zone intersected. Samples submitted to laboratory. Assays pending.
JS18-001	Jason South	Step out hole up-dip of Jason South	No zone intersected. Drill hole passed between two projected zones in a fault
EZ18-001	End Zone	Infill hole to confirm historic drill results.	Zone intersected. Samples submitted to laboratory. Assays pending.
EZ18-002	End Zone	Step out hole to extend End Zone.	Zone intersected. Samples submitted to laboratory. Assays pending.
EZ18-003	End Zone	Step out hole to extend End Zone.	Zone intersected. Samples submitted to laboratory. Assays pending.
EZ18-004	End Zone	Step out hole to extend End Zone.	Zone intersected. Samples submitted to laboratory. Assays pending.
EZ18-005	End Zone area exploration target	Test of exploration target 200m west of End Zone	No significant intersection

Notes:

- \* A historic 1990 drill hole intersected a wide section of the Tom West Zone (14.1% Zn across 14.6m) on the other side of this fault at depth (see [www.FireweedZinc.com](http://www.FireweedZinc.com), Presentation, Slide 17).  
These 2018 drillholes will allow precise location of this fault in planning future drilling of the Tom West Zone on the other side of this fault.