Diamond Drilling, Geophysics and Geochemistry Work Completed on the Jason - Mac Claims Yukon Territory, Canada

Mayo and Watson Mining District Yukon Territory, Canada

Work performed June – September, 2017

Mayo Mining District	YA41288-YA41305,Jason 223-Jason 240	Y 84519-Y 84522,Jason 131-Jason 134
Y 96192-Y 96195,Jason 1-Jason 4	YD120084-YD120086,Mac 818-Mac 820	Y 84525, Jason 137; Y 84530, Jason 84
Y 96198-Y 96209,Jason 7-Jason 18	YD120158-YD120159,Mac 1-Mac 2	Y 93952-Y 93967,Jason 161-Jason 176
Y 96212-Y 96221,Jason 21-Jason 30	YD120262-YD120271,Mac 803-Mac 812	Y 94471, Jason 135
Y 96224-Y 96227,Jason 35-Jason 38	YD128081-YD128082,Mac 760-Mac 759	Y 96210-Y 96211,Jason 19-Jason 20
Y 97986-Y 97989,Jason 45-Jason 48	YD128101-YD128102,Mac 762a-Mac 761a	Y 96222-Y 96223,Jason 31-Jason 32
Y 98244-Y 98277,Jason 49-Jason 82	YD128103-YD128358,Mac 503-Mac 758	Y 96228-Y 96229,Jason 39-Jason 40
Y 98278-Y 98299,Jason 93-Jason 114	YD128358-YD128376,Mac 758-Mac 776	YA00024-YA00025,Mike 1-Mike 2
Y 98300-Y 98305,Jason 117-Jason 122	YD128379-YD128402,Mac 779-Mac 802	YA00805,Mike 3
Y 98306-Y 98311,Jason 125-Jason 130	YD151503-YD152002,Mac 3-Mac 502	YA11526-YA11529,Ace 18-Ace 21
Y 98312-Y 98331,Jason 141-Jason 160	YD74032-YD74036,Mac 813-Mac 817	YA11530-YA11535,Ace 25-Ace 30
YA07470-YA07486,Ace 1-Ace 17	**Watson Lake Mining District:**	YA11536-YA11538,Ace 33-Ace 35
YA07487-YA07489,Ace 22-Ace 24	Y 83274-Y 83275,Jason 33-Jason 34	YA11539-YA11540,Ace 39-Ace 40
YA07490-YA07491,Ace 31-Ace 32	Y 83276-Y 83279,Jason 41-Jason 44	YA11541-YA11547,Mike 4-Mike 10
YA07492-YA07494,Ace 36-Ace 38	Y 84507-Y 84514,Jason 85-Jason 92	YA20135-YA20146,Jason 177-Jason 188
YA15148-YA15150,Jason 189-Jason 191	Y 84515-Y 84516,Jason 115-Jason 116	YA35586-YA35591,Jason 192-Jason 197
YA38265-YA38289,Jason 198-Jason 222	Y 84517-Y 84518,Jason 123-Jason 124	

NTS: 105O/01, 105O/02,
105O/07, 105O/08

	Central Easting UTM NAD83 Zn 9	Central Northing UTM-NAD83 Zn 9
Jason Mac Coordinates	430,817.49	7,009,647.91

June 1st, 2018

Fireweed Zinc Ltd.
(former claim owner Hudbay Minerals Inc.)
Suite 1020-800 Pender St.
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Canada V6C 2V6
By: J.Moore, M.Sc. Geol.

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1. JASON-MAC CLAIMS OVERVIEW

1.1 LOCATION AND ACCESS

The Jason and Mac claims are located 370 kilometres northeast of Whitehorse in the Yukon Territory. Geographically, the project is located in the Macmillan Range of the Pelly Mountains. It is located about 200 kilometres northeast of Ross River on the North Canol road. The project area is referred to as the Macmillan Pass Project (Figure 1). Access to the Jason and Mac claims is via either gravel North Canol road or by charter aircraft to the Macmillan Pass airstrip. Access to the Jason drilling area, which is on the northwest side of the South Macmillan River, is either by fording the river at low water or, as in the past, there was a small 14 metre wood bridge spanning the river.

1.2 CLAIMS

The Jason-Mac claim groups consist of 193 Jason and Ace claims, owned 100% by Fireweed Zinc Ltd and 820 contiguous Mac claims, which are under option from Newmont Canada Holdings ULC (Figure 2). Appendix A details the claims groupings on which this report is based upon. Project drill core is stored in racks and cross-stacked on the adjacent Tom Property on quartz claim Tom 51, 60545.

1.3 WORK PROGRAM

The objectives of the 2017 exploration program were drilling to confirm historic drill results as well as step out drill holes to expand on historic drill results, and carry out geophysics, geochemistry and geological mapping toward discovery of new zones of mineralization.

Fireweed Zinc Ltd. contracted Equity Exploration Ltd. to manage a directed field program on the Jason-Mac claims comprised of geological work by M. Jones. Field organization, camp arrangements, planning and execution logistics, and program supervision was largely the responsibility of M.Jones, P.Geo and D.Baker, PhD., P.Geo, (Equity) was responsible for project supervision. Both Fireweed Zinc Ltd. and Equity Exploration staff supported camp setup and logistics. Tintina Air, and vehicles from K&K Truck Rentals provided aviation support and transport. Expediting and shipping was carried out by Small's Expediting and Manitoulin. Tu Lidlini of Ross River provided fuel for the project and the Ross River General store provided camp supplies.

1.4 DEPOSIT

Fireweed Zinc Ltd. holds interest in a group of 193 contiguous Jason claims covering approximately 4.5 kilometres of strike length in Devonian-Carboniferous argillitic sediments, hosting the Jason Zn-Pb-Ag deposit. The Mac claims have historic preliminary exploration work of stream sediment sampling, prospecting and geological mapping work. Several Zn-Pb-Ag target areas have been defined and are listed in Yukon Geological Survey Minfile reports on the Mac claims. The sediments host the Jason Zn-Pb-Ag massive sulfide SEDEX deposit. The

current resource of the Jason deposit lies within six claims. Based on continuous lenses of mineralization and thickness the deposit is divided into two zones called the Main and South zones. The Main Zone has been modeled as a thick massive sulfide lense generally ranging from 5 metres to 20 metres in true thickness (Arne and McGarry, 2018). The South Zone is modeled as two lens shaped horizons ranging in thickness from 5 metres near deposit edges to 40 metres. The Main and South zones are separated by unmineralized rocks (Arne and McGarry, 2018).

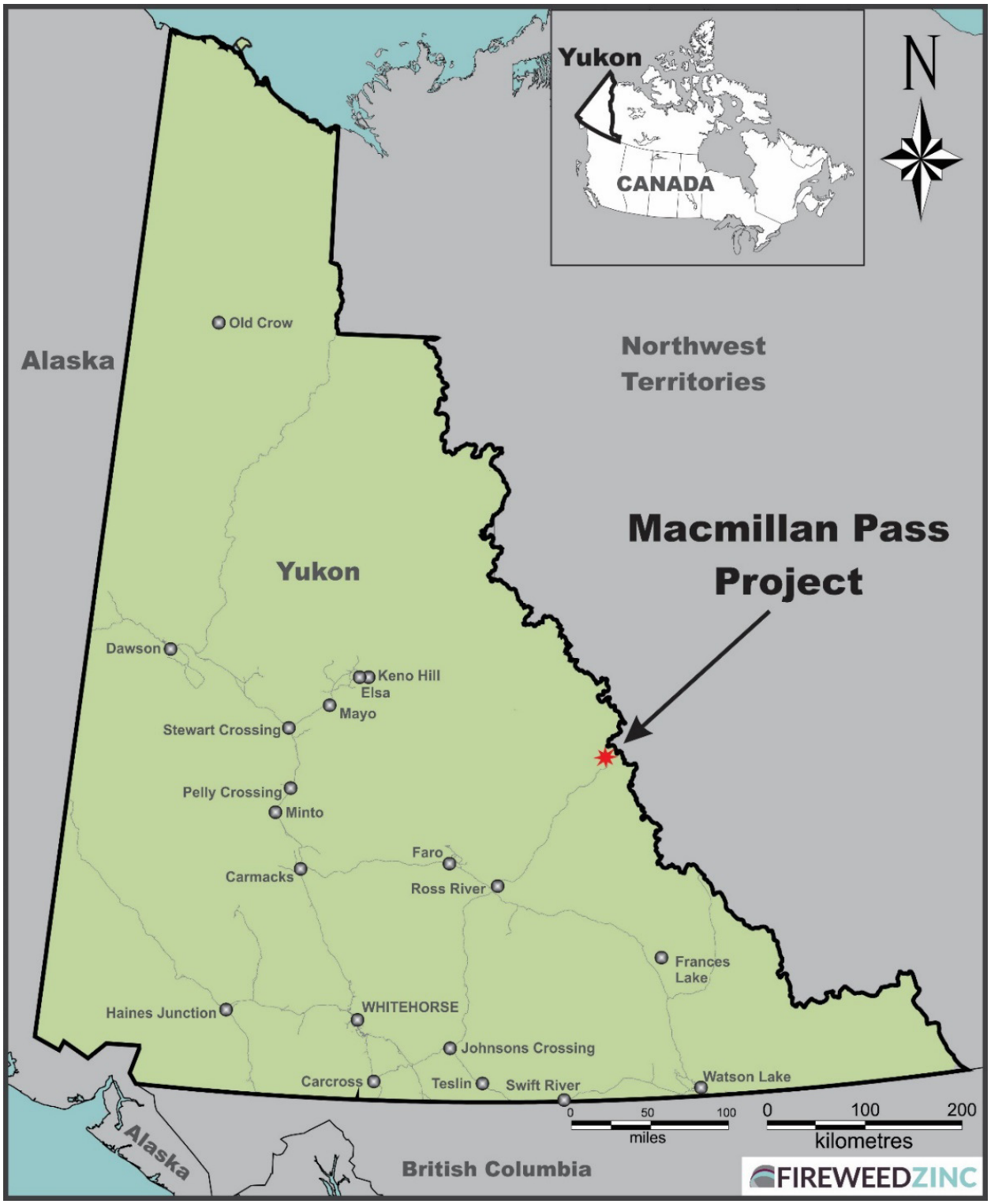

Figure 1: Macmillan Pass Project location.

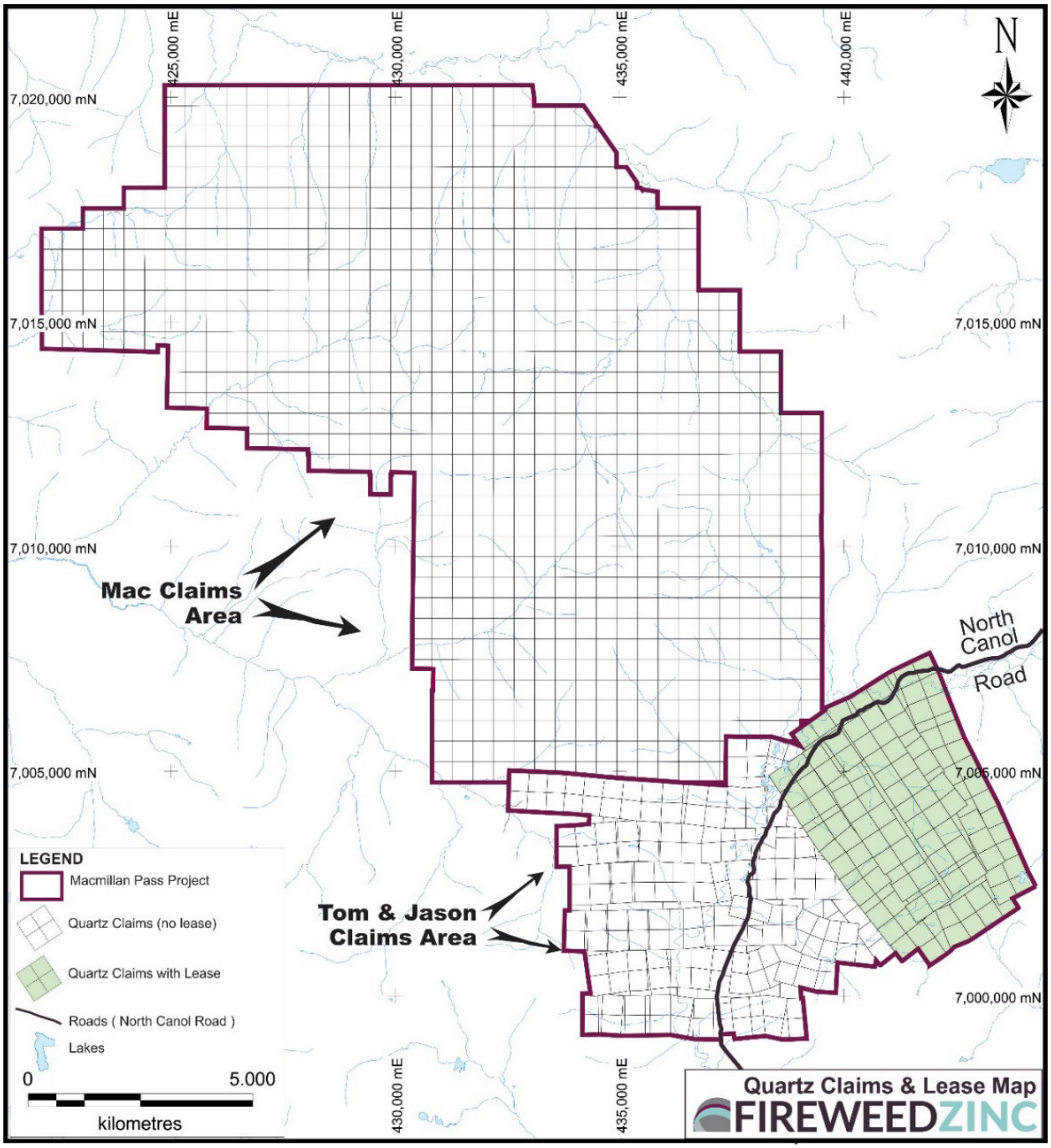

Figure 2: Macmillan Pass Project including the Tom, Jason and Mac claims with road access.

2. STATEMENT OF EXPENDITURES

I, J. A. Moore, as agent for Fireweed Zinc Ltd., located at 1020-800 Pender St., Vancouver, B.C., do solemnly declare that an exploration program comprised of drilling, geochemical sampling, geophysics and geological mapping field program was conducted on the Jason and Mac claims commencing in early June and finishing on September 13th, 2017 (Table 3).

I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act. Declared before me at Vancouver in the Province of British Columbia this 28th day of May, 2018.

Table 1 Summary of expenditures by category and area.

	Mac Jason West (750 Claims)	Mac Jason East (263 Claims)	Jason Southeast (90 claims)
Totals:	**$ 594,233.00**	**$ 227,983.36**	**$ 80,022.28**

2017 MacMillan Pass drilling program.		Camp Recon & Old Core Sampling	Project Mobilization	Jason-Mac Project Work	Project De-mobilization	Req: 3313350	Req: 114850	Req: 36,000
STAFF	Total for Program	5 days	June 7-July 12 (35 days)	July 31-Aug 28 (28 days)	Sept 10-13 (4 days)	Mac Jason West (750 Claims)	Mac Jason East (263 Claims)	Jason Southeast (90 claims)
B.Hegarty, Manager	$3,443.75	$86.09	$602.66	$964.25	$68.88	$1,170.88	$410.50	$140.51
D. Baker, P. Geo.	$517.50	$12.94	$90.56	$144.90	$10.35	$175.95	$61.69	$21.11
C. Alessandrini, Assistant	$22,400.00	$560.00	$3,920.00	$6,272.00	$448.00	$7,616.00	$2,670.08	$913.92
E. Black, GIS	$5,868.75	$146.72	$1,027.03	$1,643.25	$117.38	$1,995.38	$699.56	$239.45
N. Bob, Sampler	$1,800.00	$45.00	$315.00	$504.00	$36.00	$612.00	$214.56	$73.44
I. Carr, Project Geologist	$39,562.50	$989.06	$6,923.44	$11,077.50	$791.25	$13,451.25	$4,715.85	$1,614.15
I. Carr, Project Mtr.	$12,750.00	$318.75	$2,231.25	$3,570.00	$255.00	$4,335.00	$1,519.80	$520.20
E. Charlie, Sampler	$3,150.00	$78.75	$551.25	$882.00	$63.00	$1,071.00	$375.48	$128.52
J. English, Geologist	$27,750.00	$693.75	$4,856.25	$7,770.00	$555.00	$9,435.00	$3,307.80	$1,132.20
R. Geoghegan, Geologist	$11,400.00	$285.00	$1,995.00	$3,192.00	$228.00	$3,876.00	$1,358.88	$465.12
S. Hammermaster, Geo	$21,150.00	$528.75	$3,701.25	$5,922.00	$423.00	$7,191.00	$2,521.08	$862.92
R. Hett, Sampler	$20,400.00	$510.00	$3,570.00	$5,712.00	$408.00	$6,936.00	$2,431.68	$832.32
L. Johnny, Assist. Cook	$19,250.00	$481.25	$3,368.75	$5,390.00	$385.00	$6,545.00	$2,294.60	$785.40
M. Jones, P. Geo.	$56,220.00	$1,405.50	$9,838.50	$15,741.60	$1,124.40	$19,114.80	$6,701.42	$2,293.78
C. Ladue, Sampler	$15,600.00	$390.00	$2,730.00	$4,368.00	$312.00	$5,304.00	$1,859.52	$636.48
M. Le Levier, Cook	$22,000.00	$550.00	$3,850.00	$6,160.00	$440.00	$7,480.00	$2,622.40	$897.60
A. Nielsen, Geologist	$600.00	$15.00	$105.00	$168.00	$12.00	$204.00	$71.52	$24.48
C. Legare, Cook	$11,000.00	$275.00	$1,925.00	$3,080.00	$220.00	$3,740.00	$1,311.20	$448.80
R. Henderson,	$18,700.00	$467.50	$3,272.50	$5,236.00	$374.00	$6,358.00	$2,229.04	$762.96
S. Parker, GIS/Logistics	$2,700.00	$67.50	$472.50	$756.00	$54.00	$918.00	$321.84	$110.16
D. Skidmore, Bull Cook	$6,300.00	$157.50	$1,102.50	$1,764.00	$126.00	$2,142.00	$750.96	$257.04
R. Skidmore, Bull Cook	$3,500.00	$87.50	$612.50	$980.00	$70.00	$1,190.00	$417.20	$142.80
R. Wilk, Sampler	$3,300.00	$82.50	$577.50	$924.00	$66.00	$1,122.00	$393.36	$134.64
S. Sterriah, Sr Sampler	$6,400.00	$160.00	$1,120.00	$1,792.00	$128.00	$2,176.00	$762.88	$261.12
Clerical	$2,275.00	$56.88	$398.13	$637.00	$45.50	$773.50	$271.18	$92.82
EQUIPMENT RENTALS:								
Field Computer	$10,880.00	$272.00	$1,904.00	$3,046.40	$217.60	$3,699.20	$1,296.90	$443.90
First Aid (Level III)	$2,760.00	$69.00	$483.00	$772.80	$55.20	$938.40	$328.99	$112.61
EXPENSES:	$-					$-	$-	$-
Chemical Analyses	$27,792.99	$694.82	$4,863.77	$7,782.04	$555.86	$9,449.62	$3,312.92	
Materials - Supplies	$37,584.79	$939.62	$6,577.34	$10,523.74	$751.70	$12,778.83	$4,480.11	$1,533.46
Plot Charges	$92.23	$2.31	$16.14	$25.82	$1.84	$31.36	$10.99	$3.76
Camp Food	$47,725.41	$1,193.14	$8,351.95	$13,363.11	$954.51	$16,226.64	$5,688.87	$1,947.20

Meals	$3,079.91	$77.00	$538.98	$862.37	$61.60	$1,047.17	$367.13	$125.66
Accommodation	$4,133.58	$103.34	$723.38	$1,157.40	$82.67	$1,405.42	$492.72	$168.65
Taxis & Airporters	$278.85	$6.97	$48.80	$78.08	$5.58	$94.81	$33.24	$11.38
Parking	$214.45	$5.36	$37.53	$60.05	$4.29	$72.91	$25.56	$8.75
Truck Rental	$31,707.88	$792.70	$5,548.88	$8,878.21	$634.16	$10,780.68	$3,779.58	$1,293.68
Automotive Expenses	$922.06	$23.05	$161.36	$258.18	$18.44	$313.50	$109.91	$37.62
Aircraft Charters	$79,800.00	$1,995.00	$13,965.00	$22,344.00	$1,596.00	$27,132.00	$9,512.16	$3,255.84
Helicopter Charters	$3,818.24	$95.46	$668.19	$1,069.11	$76.36	$1,298.20	$455.13	$155.78
Airfare	$18,555.55	$463.89	$3,247.22	$5,195.55	$371.11			
Freight	$77,896.80	$1,947.42	$13,631.94	$21,811.10	$1,557.94	$26,484.91	$9,285.30	$3,178.19
Bulk Fuel (Tu Lidlini)	$44,128.44	$1,103.21	$7,722.48	$12,355.96	$882.57	$15,003.67	$5,260.11	$1,800.44
Satellite Phone Rental	$425.86	$10.65	$74.53	$119.24	$8.52	$144.79	$50.76	$17.38
Radio Rental)	$1,506.00	$37.65	$263.55	$421.68	$30.12	$512.04	$179.52	$61.44
Downhole Survey	$9,861.79	$246.54	$1,725.81	$2,761.30	$197.24	$3,353.01	$1,175.53	
Computer Rental	$600.00	$15.00	$105.00	$168.00	$12.00	$204.00	$71.52	$24.48
Loader	$12,300.00	$307.50	$2,152.50	$3,444.00	$246.00	$4,182.00	$1,466.16	$501.84
Drilling: Footage	$332,185.85	$8,304.65	$58,132.52	$93,012.04	$6,643.72	$112,943.19	$39,596.55	
Drilling: Materials	$57,535.56	$1,438.39	$10,068.72	$16,109.96	$1,150.71	$19,562.09	$6,858.24	
Drilling: Coreboxes	$2,924.35	$73.11	$511.76	$818.82	$58.49	$994.28	$348.58	
Expediting	$17,806.83	$445.17	$3,116.20	$4,985.91	$356.14	$6,054.32	$2,122.57	$726.52
Internet Charges	$16,776.84	$419.42	$2,935.95	$4,697.52	$335.54	$5,704.13	$1,999.80	$684.50
Maintenance	$7,650.00	$191.25	$1,338.75	$2,142.00	$153.00	$2,601.00	$911.88	$312.12
Contract Construction	$2,600.00	$65.00	$455.00	$728.00	$52.00	$884.00	$309.92	$106.08
Satellite Phone Rental	$871.98	$21.80	$152.60	$244.15	$17.44	$296.47	$103.94	$35.58
Radio Rental	$2,197.50	$54.94	$384.56	$615.30	$43.95	$747.15	$261.94	$89.66
Drilling: Mob/Demob	$28,000.00	$700.00	$4,900.00	$7,840.00	$560.00	$9,520.00	$3,337.60	
Bulk Fuel	$1,819.32	$45.48	$318.38	$509.41	$36.39	$618.57	$216.86	$74.23
Excavator	$55,280.00	$1,382.00	$9,674.00	$15,478.40	$1,105.60	$18,795.20	$6,589.38	$2,255.42
Downhole Survey	$948.00	$23.70	$165.90	$265.44	$18.96	$322.32	$113.00	
Equity Supervision Fee		$3,201.75	$22,412.22	$35,859.56	$2,561.40	$43,543.75	$15,265.93	$5,225.25
Lidar	$60,046.36					$23,135.86	$12,747.84	$9,253.14
Geophysics	$159,456.16					$61,438.46	$33,852.54	$24,572.19
Condor Consulting	$35,000.00					$13,485.50	$7,430.50	$5,393.50
J. Moore, Geologist		$2,400.00	$16,800.00	$13,440.00	$1,920.00	$23,500.80	$8,239.10	$2,820.10

Table 2: Allocations of expenditures by claim.

Camp Costs, Mapping, DGPS Survey by Claim			
90 Claims	90	8.16	%
263 Claims	263	23.84	%
750 Claims	750	68.00	%
Total Claims	1103	100	%

Note: Tom Lease was drilled in July, expenses are withdrawn and not included in the project expense sheet.

Lidar and Geophysics Allocation by claim			
90 claims (watson)	90	15.41	%
124 claims (mac east)	124	21.23	%
225 claims (mac west)	225	38.53	%
145 claims (Tom Lease and not included in above expenses).	145	24.83	%
Total Claims	584	100	%

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J.A. Moore, M.Sc.
Project Geologist

3. ANALYTICAL PROCEDURES

Bureau Veritas Mineral Laboratories (formerly Acme Analytical Laboratories Ltd.) with a preparation laboratory in Whitehorse and a finishing laboratory on 9050 Shaugnessy St, Vancouver, BC was used for the Macmillan Pass Project 2017 exploration program samples. Bureau Veritas is currently registered with ISO 9001:2000 accreditation. This is a global standardization of quality assurance for products and services. Mr. Marcus Lau, a BC Certified Assayer supervised the analytical process. Drill core analyses are contained in Certificates WHI17000552, WHI17000593, WHI17000644, WHI17000697, WHI17000723, WHI17000724, and WHI17000640 in Appendix B.

3.1 PROCEDURES AND METHODS

The project geologist supervised the sampling and sample shipment procedure. Samples were shipped in sealed 25g buckets on pallets, which were plastic sealed, from the Macmillan Pass Project and received in the loading bay at the Bureau Veritas preparation laboratory in Whitehorse. Smalls Expediting and Manitoulin Trucking Limited were used as shipping agents and shipments were tracked by the project geologist and office staff. A request for analysis is submitted with each sample shipment, which outlines the analytical method that has been requested and the samples that were shipped. Analytical packages that were requested are AQ370 a 1:1:1 Aqua Regia digestion ICP-ES analysis, MA404 4 acid digest AAS Finish. Overlimit assays were completed by titration methods.

For all analytical methods standard reference materials are used, analysis were repeated and duplicate analyses of sample pulps are analyzed. Regular 1/4 core duplicates and blanks were inserted into the sample stream. The analytical resultant values are used to estimate analytical accuracy and precision; this is presented in Arne and McGarry (2018).

4. HISTORY

The following history of ownership of the Jason property is taken largely from Rennie (2007). The Ogilvie Joint Venture first staked the Jason claims in 1971. An interest in the property was obtained by Pan Ocean Oil Ltd in 1979 before being acquired by Aberford in 1981. Aberford's interest in the property was transferred to Abermin Corporation in 1985, and thence to CSA Gold Corporation. All parties transferred their interest to MacPass Resources Ltd and Hudbay then purchased the property in 2007 subject to a purchasable 3% NSR. On 14 December 2016, Hudbay signed a Definitive Option Agreement for the Tom and Jason assets with Fireweed Zinc Ltd. On February 7th 2018, Fireweed Zinc Ltd. exercised the option and acquired 100% interest in the Tom and Jason claims.

The following summary of exploration is taken from Rennie (2007) and includes:

- Drilling of 87 holes, including 45 diamond and 33 rotary overburden holes, between 1974 and 1978.

- Drilling of 42 diamond drillholes between 1980 and 1982 for a total of 128 historical diamond and rotary holes totalling 37,924 m. Details of this drilling are provided by Rennie (2007). No drilling has occurred on the property since 1991.
- An option of the property to Cominco between 1990 and 1992.
- Purchase by Hudbay in 2007.
- Optioned by Fireweed Zinc Ltd. in December 2016 and purchased from Hudbay in February 2018.

The MAC property was staked by Newmont in 2011 who carried out exploration for gold in 2011, 2012 and 2013. In August 2017, Fireweed Zinc Ltd. optioned the property from Newmont. Newmont carried out reconnaissance exploration for gold in 2011 (stream sediment BLEG – bulk leach extractable gold), 2012 (a small ridge and spur soil sampling program) and 2013 (ridge and spur soil sampling, mapping and prospecting). This work outlined several gold anomalous areas as well as zinc, lead and silver anomalies. Smits (2014) is an unfinished report, which included maps of results but no interpretations or conclusions (Arne and McGarry, 2018).

5. GEOLOGY

5.1 REGIONAL GEOLOGY

The regional geology of the Tom and Jason properties has previously been described by Rennie (2007), Goodfellow (2007) and Wells (2012). A summary is presented here from those sources and as presented in Arne and McGarry (2018).

5.1.1 Stratigraphy

The Macmillan Pass Project lies within the Selwyn Basin, a deep water marine basin that was initiated off the ancestral coast of North America during the late Proterozoic era with deposition continuing through the early to middle Paleozoic era. The early Selwyn Basin consists of a package of sedimentary rocks beginning with continentally-derived sediments of the late Proterozoic to Cambrian Windermere Supergroup. These units were overlain in the late Cambrian to Ordovician by carbonate rocks of the Rabbitkettle Formation, and then by deep water cherts and shales of the Ordovician to early Devonian Road River Group. The Road River Group is in turn overlain by chert, black shales and turbidite sediments of the Devonian to Mississippian Earn Group, the host to the Tom and Jason deposits, as well as other zinc-lead-silver and barite mineralisation in the Macmillan Pass region (Arne and McGarry, 2018).

The stratigraphy of the Selwyn Basin and the adjacent Mackenzie carbonate platform that existed to the north and east of the basin is given in Figure 3. A detailed stratigraphic description of the Macmillan Pass area is available in Abbott and Turner (1991).

5.1.2 Magmatism

Locally, mafic volcanic rocks were erupted during deposition of both the Road River and Earn Groups and coincide regionally with the formation of zinc-lead-silver and barite deposits in the Selwyn Basin. The region was intruded by quartz monzonite plutons during the waning stages of the Jurassic to Cretaceous periods.

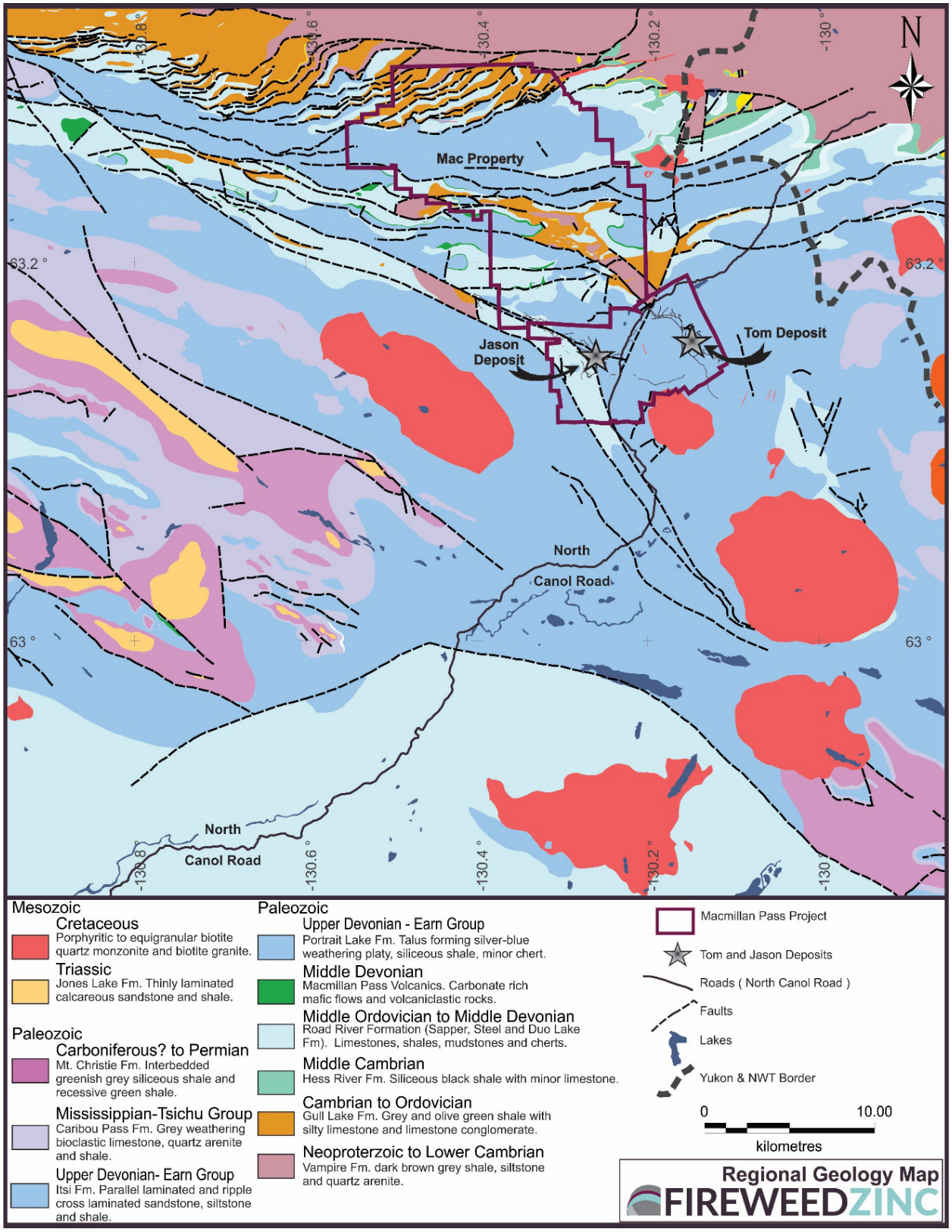

Figure 3: Geology of the Macmillan Pass region.

5.1.3 Regional Tectonics and Structure

The Selwyn Basin formed in a passive margin ocean setting following a major phase of rifting in the late Proterozoic to Cambrian. Gradual subsidence continued through the Paleozoic until the Antler Orogeny in the Devonian, at which time intracontinental rifting was initiated in a back-arc graben setting in the Macmillan Pass region. Extension faults controlling the circulation of hydrothermal fluids were active at this time and are characterized by significant thickness variations in stratigraphic units across the structures, consistent with growth faulting, and the presence of sedimentary breccias, mass flow diamictite deposits and conglomerates indicative of syn-sedimentary faulting. The region was subject to compression during regional east-west shortening during the Jurassic to Cretaceous, resulting in likely re-activation of normal faults, folding and thrust faulting. The Macmillan Pass region occurs in the Central Block of the Macmillan Fold Belt where south-verging thrust faults and folds may be truncated by strike-slip re-activation of Devonian normal faults (Abbott et al., 1991).

6. Prospect and Local Geology

The local geology of the Project area is presented in Figure 4 and the local stratigraphy is summarized in **Error! Reference source not found.** 5. Detailed descriptions are provided by Turner (1991) for the Jason deposit and Goodfellow (1991) for the Tom deposit. Summary descriptions of both deposits are provided in Rennie (2007) and Goodfellow (2007). The following descriptions are taken from those sources and as summarized in Arne and McGarry (2018).

6.1 Tom Deposit

The Tom deposit is hosted by the Portrait Lake Formation of the Devonian Earn Group. Specifically, sulphide mineralisation occurs within an informal unit called the Tom Sequence (Goodfellow, 1991). The Tom Sequence is characterised by abrupt changes in sedimentary facies and unit thickness, demonstrating the influence of syn-sedimentary faulting. It consists of well banded carbonaceous and radiolarian chert, with occasional sandier intervals, barite nodules and pyrite laminae. It overlies sandy to silty laminated shales and siltstones of the MacMillan Pass Member, which are interpreted to have been deposited by deep-water turbidites (Goodfellow, 1991). The shales and siltstones are interbedded with occasional detrital chert layers containing chert pebble conglomerates, and with mixed clast diamictite, both indicative of submarine slumping near syn-sedimentary faulting. The Tom Sequence is unconformably overlain by fine grained clastic rocks of the informal Itsi Member. The sequence has been folded about a steeply south to southeast plunging upright anticline (**Error! Reference source not found.**, 5). The Tom Sequence is well exposed near the Tom deposit, although it is locally hidden along scree slopes and disrupted by frost heave in the alpine areas (Arne and McGarry, 2018).

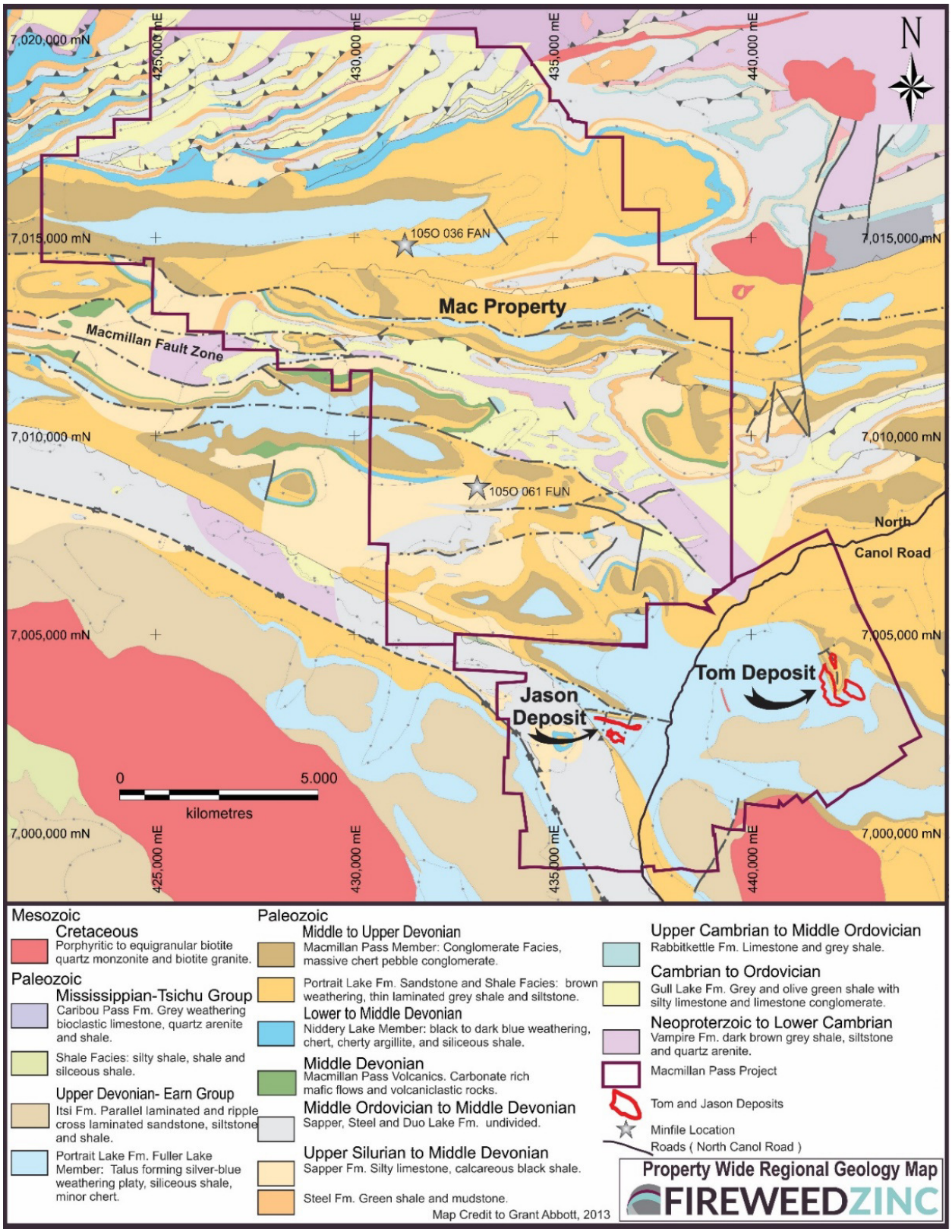

Figure 4: Geology of the Macmillan Pass Project Area

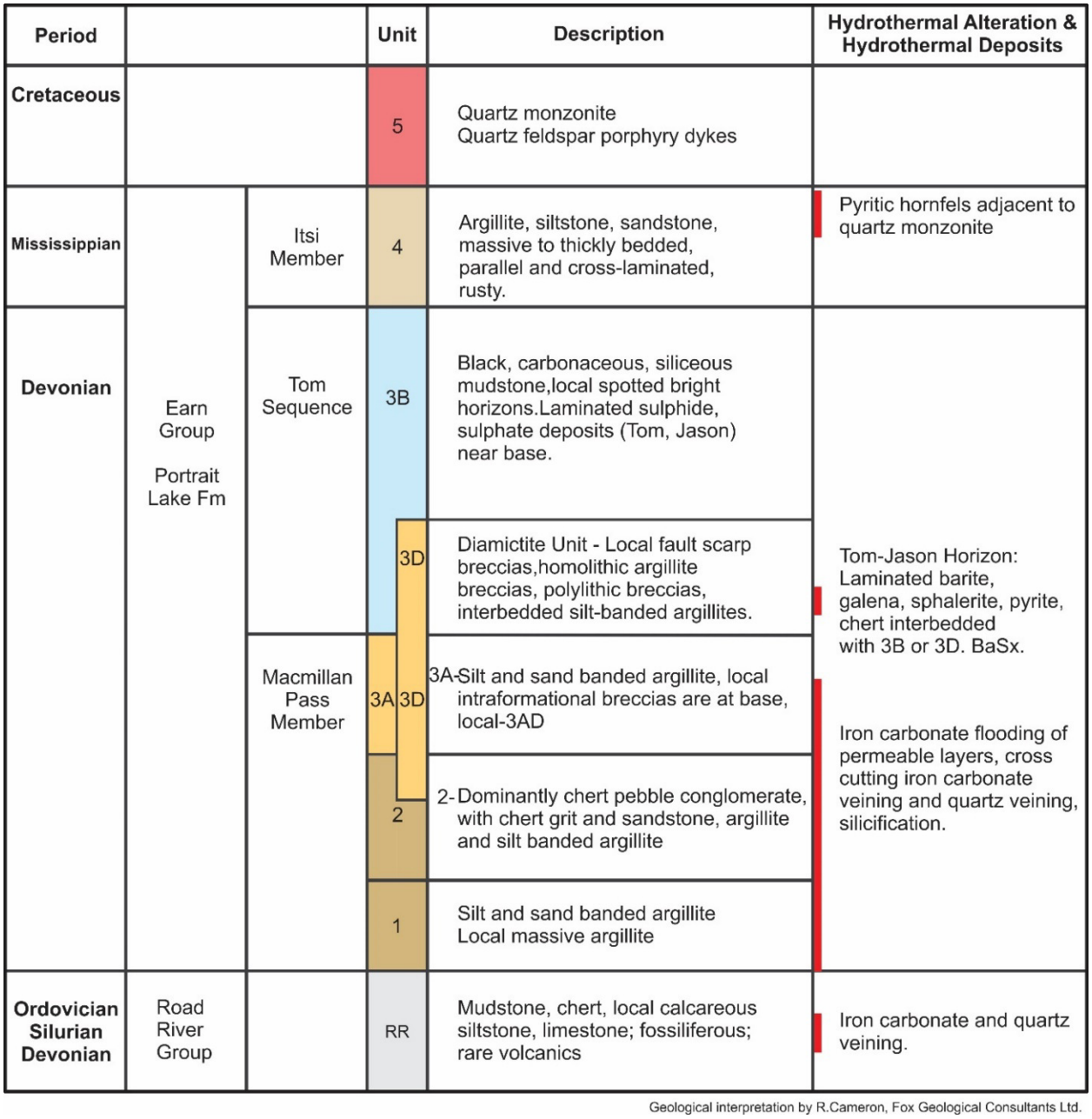

Figure 5: Stratigraphic column for the Macmillan Pass project area.

6.1 Jason Deposit

The Jason deposit is hosted by a Devonian sequence disrupted by the Hess Fault and folded into a series of “upright tight west-trending, shallowly east-plunging folds” (Turner, 1991) (Figure 4, 5). The position of the Jason deposit is controlled by the location of the Jason Fault, a syn-sedimentary growth fault that brings older rocks of the Road River Group and lower Portrait Lake Formation of the Earn Group into contact with the Macmillan Pass Member and a stratigraphic package considered to be the lateral equivalent of the Tom Sequence (Goodfellow, 1991). The latter contains well developed sedimentary breccias, conglomerates and mass flow diamictite deposits that thicken towards the position of the Jason Fault, consistent with syn-sedimentary fault movement. Bedrock exposure is good within the alpine areas, but the valley bottoms and walls at lower elevations are concealed by a blanket of till that has inhibited exploration (Arne and McGarry, 2018).

6.2 Jason Deposit Mineralization

A stratigraphic reconstruction of the Jason deposit at the time of mineralisation is presented in Figure 6. The Jason Main Zone is located on the northern limb of the east-plunging Jason syncline, while the Jason South Zone occurs on the southern limb. The South Zone consists of two separate horizons whereas the Main zone is defined by a single horizon. These two separate zones are likely connected through the hinge of a syncline, but this has yet to be demonstrated through drilling. These horizons can be divided into several distinct mineralisation zones or facies, including (after Turner, 1991):

- Pb-Zn-Fe sulphide facies – Massive, banded sphalerite-galena and galena-pyrite overlain by debris flow deposits containing clasts of earlier deposited massive sulphides.
- Barite-sulphide facies – Interbedded fine-grained sphalerite, galena, barite, chert and ferroan carbonate forming the bulk of the mineralisation at Jason.
- Quartz-sulphide facies – Interbedded sphalerite, pyrite, quartz and carbonaceous chert with quartz-celsian (barium feldspar) bands in the lower lens.
- Massive pyrite facies – Massive pyrite beds interbedded with sphalerite, galena, chalcopyrite, pyrrhotite and quartz located near the Jason Fault.
- Ferroan carbonate facies – Massive beds of siderite and ankerite up to several metres across with irregularly distributed galena, sphalerite, pyrrhotite, pyrite, quartz, muscovite and pyrobitumen; spatially associated with a breccia pipe.

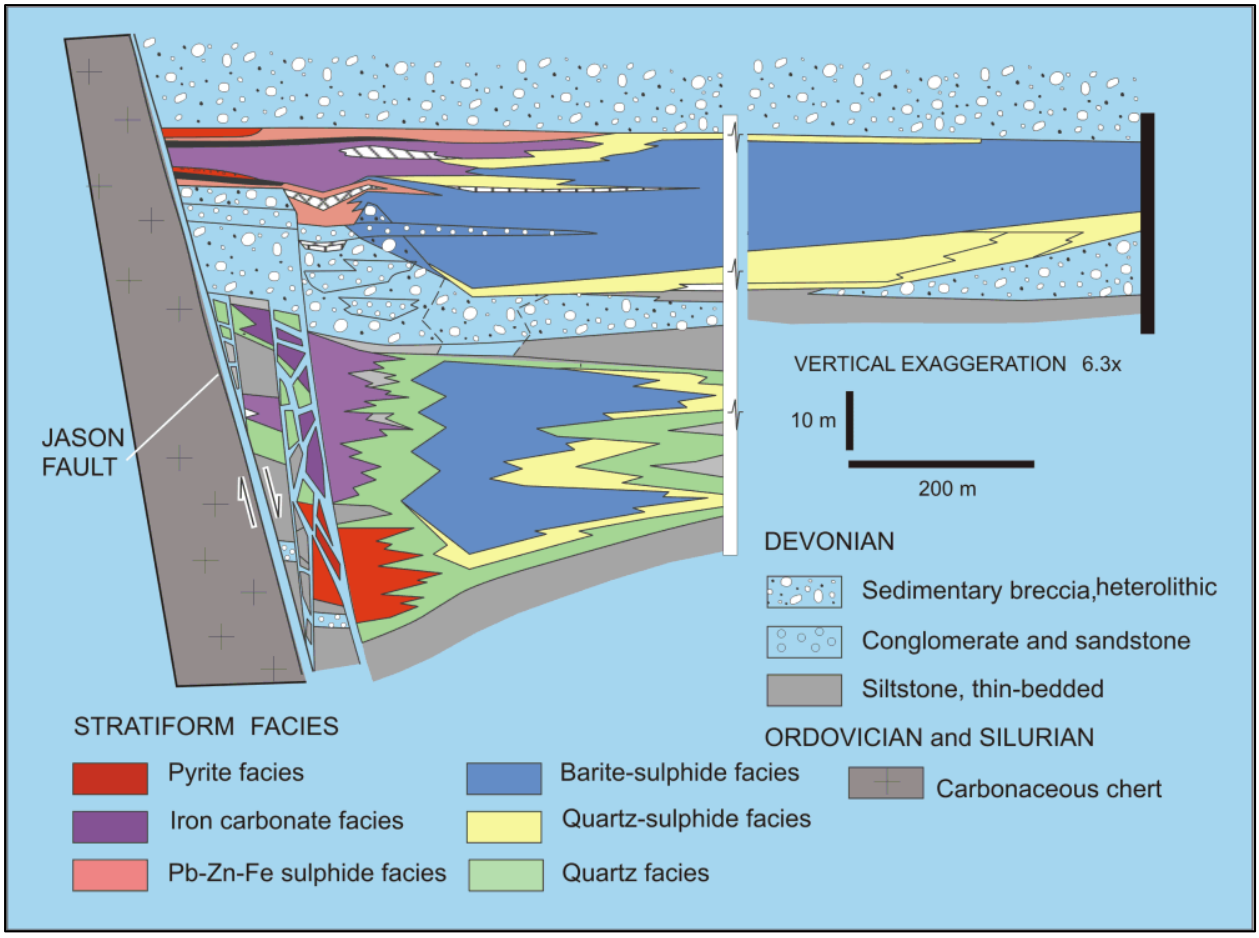

Figure 7: Stratigraphic reconstruction of the mineralisation facies (zones) at the Jason deposit (from Goodfellow, 2007)

7. 2017 Work Program

7.1 2017 Overview

In 2017, Fireweed Zinc Ltd. carried out a program of drilling, mapping, sampling, DGPS survey of historical and 2017 drill collars, LiDAR topographic mapping and airborne geophysics on the property. Drilling totaled 936 m in seven holes on the Tom deposits and 1,266m in seven holes on the Jason deposits (Figure 8).

7.2 Airborne Geophysics

The airborne geophysics program was designed to rapidly cover the entire area of the Tom and Jason claims as well as the southern portion of the adjacent MAC claims with the objectives of helping to map critical subsurface geology and identify drill targets for new discoveries and extensions of known mineralization. The geophysics work employed a state-of-the-art helicopter-borne Versatile Time-Domain Electromagnetic (VTEM) system and a high sensitivity magnetometer by Geotech Ltd. with project supervision by Condor Consulting Ltd. Parallel lines

were flown at 100m spacing on a north-northeast bearing for a total of about 1,000 line kilometres. Appendix C details the VTEM survey.

7.3 Airborne LiDAR Topographic Mapping

A program of airborne LiDAR (Light Detection and Ranging) surveying was carried out by Eagle Mapping Ltd. on most of the Jason portion of the property. The flying was suspended due to poor weather late in the season. The LiDAR work over the Tom and other areas will be completed in 2018. The purpose of the LiDAR survey is to produce a very accurate topographic map of the property for engineering and mapping work as well as aid in the mapping of geological features. Appendix E details the LiDAR survey in a separate specification sheet and map.

7.4 Diamond Drilling

Exploration fieldwork carried out in 2017 included diamond drilling seven boreholes on the Jason Main deposit, surface geological mapping and review of prior mapping work, DGPS verification of historical and 2017 drill collars (Figure 8). The mapping has resulted in a better understanding of the geology and setting of the mineralization. Appendix D details the drillholes and geological mapping work.

The intent of the 2017 program was to verify historical drilling on the Jason deposit and investigate structural continuity of the Jason Main Zone ore lense. The drilling program was largely successful in both tasks. Table 3 is the significant drill intercepts from the 2017 drilling program.

Hole no.	From (m)	To (m)	Interval (m)	Estimated true width (m)	Zn (%)	Pb (%)	Ag (g/t)
Jason Main zone drill results							
JS17-01	172.30	183.26	10.96	7.0	12.16	3.13	1.6
JS17-02	155.18	172.76	17.58	10.5	7.82	1.39	1.3
Including:	165.00	172.76	7.76	4.6	11.19	1.94	1.2
JS17-03	Drillhole abandoned before reaching main zone due to drilling and survey problems						
JS17-04	154.19	179.00	24.81	11.2	9.07	1.60	0.7
Including:	170.70	179.00	8.30	3.7	14.03	1.29	1.1
JS17-05	177.98	206.72	28.74	15.7	10.22	1.95	0.5
Including:	184.60	193.22	8.62	4.7	15.02	3.05	0.3
Including:	187.16	191.17	4.01	2.2	19.53	3.97	0.6
Including:	203.50	206.00	2.50	1.4	18.75	1.12	1.8
JS17-06	57.50	83.83	26.33	13.1	13.24	3.38	1.4
Including:	57.50	61.30	3.80	1.9	12.93	4.29	3.0
Including:	64.70	68.40	3.70	1.8	25.06	5.00	3.4
Including:	77.20	83.83	6.63	3.3	20.66	3.95	0.8
JS17-07	61.00	85.05	24.05	16.9	5.25	1.24	2.0
Including:	79.95	85.05	5.10	3.6	8.91	1.58	0.4

Table 3: Significant drill intercepts from the Jason Main Zone drilling in 2017 (Arne and McGarry, 2018).

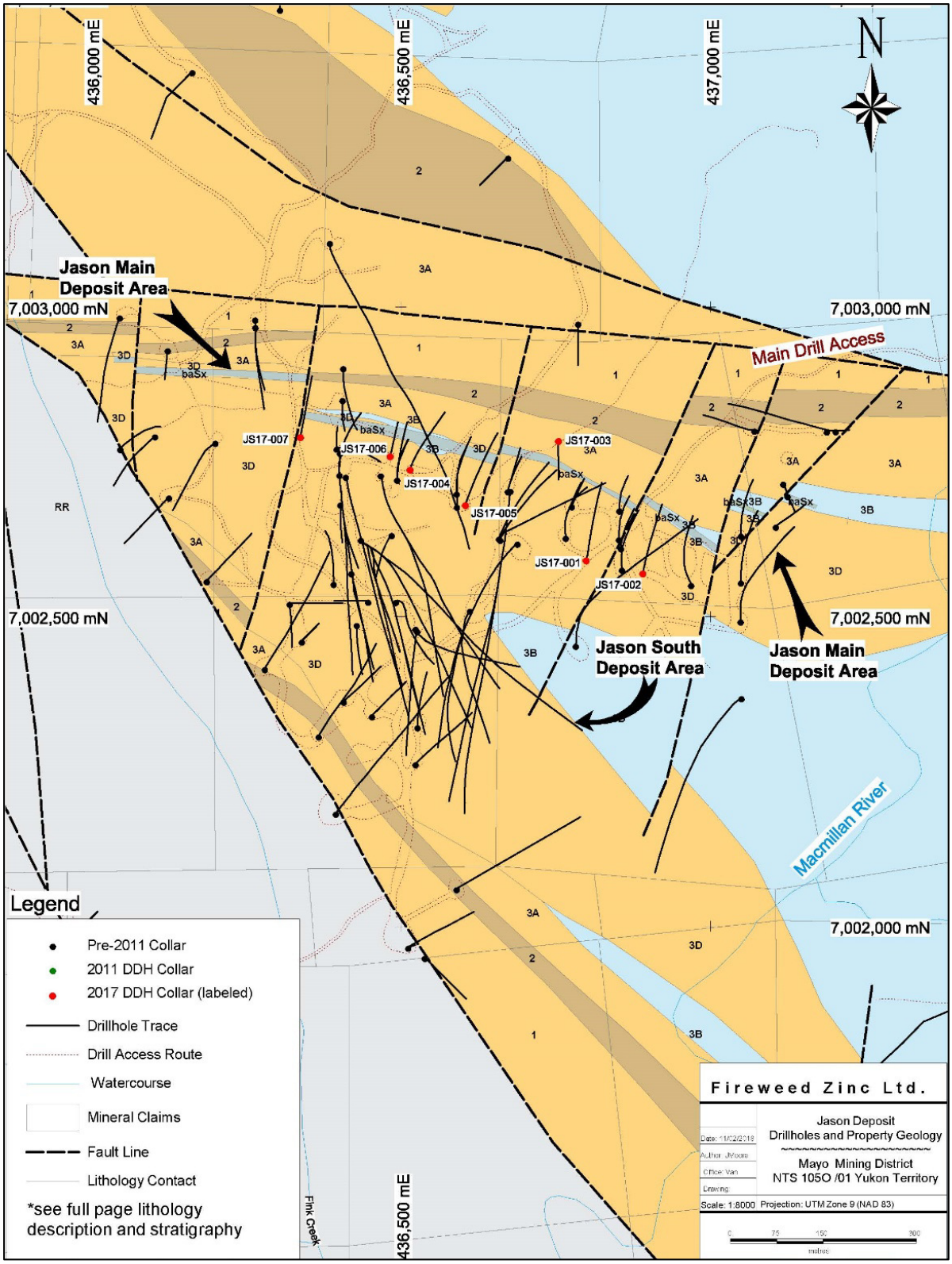

Figure 8: Jason deposit geology and 2017 drillhole locations.

8. Conclusions and Recommendations

The 2017 exploration program was successful in confirming historic drill results as well as step out drill holes to expand on historic drill results. Airborne geophysics, geochemistry and geological mapping identified anomalies with potential for discovery of new zones of mineralization.

Additional analysis and integration of the historical data set is required and recommended before future explorative efforts are conducted on the property. These rocks demonstrate potential for mineralization where there are geophysical magnetic, electro magnetic and gravity anomalies and ground geochemistry indicative of mineralization; however, the geochemistry may be very subdued and/or erratic in the thick glacial till cover in areas. Concentrated prospecting in areas of known mineralization and geologic mapping helps expand and constrain mineralization potential.

8.1 Property Wide Exploration

Understanding of the stratigraphy is productive in exploration work. Additional detailed geologic mapping in zones of historical soil and till anomalies at a 1:5000 scale utilizing airphotos, airborne geophysics, satellite imagery and fieldwork is recommended. Follow-up prospecting of targets developed; combined with mapping work will either lead to immediate drill targets or additional ground geophysical surveys to determine lithologic boundaries with the use of ground magnetic, electromagnetic and gravity methods.

8.2 Follow Up Geochemistry

A future program of historical cutline geochemical anomaly verification is highly recommended on the Jason property. Well-placed soil reconnaissance sampling at 50 to 100 metre line spacing across the Mac property would enable faster delineation of the best stratigraphy for exploration work. Completion of this work may expand areas of potentially favourable stratigraphy. Additional mapping and prospecting on the Mac property is needed to delimit areas that have higher mineralization potential.

8.3 Follow Up Geophysics and Drilling

For the Jason stratigraphy in general, deeper electromagnetic, gravity and magnetic geophysical methods could be utilized where there are favourable surface anomalies. Surveys may develop additional targets to drill or indicate the source of a surface geochemical anomaly. Integration of geophysical data with drill data is recommended.

9. STATEMENT OF QUALIFICATIONS

I, J. A. Moore, of 39147-3695 W.10th Ave. Vancouver, V6R 4P1, in the Province of British Columbia, Canada, do hereby certify:

I am a graduate of Prescott College in Prescott, Arizona, U.S.A, with a degree in Environmental Geology (1996). I completed a postgraduate degree at Rhodes University in Grahamstown, South Africa. I was admitted to the degree of M.Sc. Geology Min. Ex. in 2002.

Since 1991, I have been involved in the exploration and exploitation of base metals, precious metals and diamonds in British Columbia, Yukon, NWT, Nunavut, Central America, the eastern shields of South America, and West Africa.

The information, conclusions, and recommendation in this report are based on collaboration of other professional colleagues involved with various aspects of exploration on the property and in review of the literature stated in the bibliography. I have prepared this report on behalf of Fireweed Zinc Ltd.

This report may be used for the development of the property, provided that, no portion will be used out of context in such a manner as to convey meanings different from that set out in the whole.

I am unaware of any material fact or material change with respect to the technical matter of this report that might cause the technical report to be inaccurate or misleading.

Consent is hereby given to the company for which this report was prepared to reproduce the report or any part of it for the purposes of development of the property, filing of assessment work or in support of raising of funds by way of a prospectus and/or statement of material facts.

Dated May 23d, 2017 Signed_____

J.A. Moore, M.Sc. Geology
Project Geologist

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APPENDIX A

List of Claims: Grant Numbers, Claim Names, Operator & Owners, Expiry Dates

Jason - Mac East Group 263 Claims

Grant Number	Label	Claim Owner	Expiry Year	Expiry Month	Expiry Day	District
Y 96192	Jason 1	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 96193	Jason 2	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 96194	Jason 3	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 96195	Jason 4	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 96200	Jason 9	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 96201	Jason 10	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
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YD151763	Mac 263	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151765	Mac 265	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151767	Mac 267	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo

263 claims

Jason - Mac West Group 750 Claims

Grant Number	Label	Claim Owner	Expiry Year	Expiry Month	Expiry Day	District
Y 96198	Jason 7	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 96199	Jason 8	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98244	Jason 49	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98245	Jason 50	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98246	Jason 51	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98247	Jason 52	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98248	Jason 53	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98249	Jason 54	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98252	Jason 57	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98253	Jason 58	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98254	Jason 59	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98255	Jason 60	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98256	Jason 61	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98257	Jason 62	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98258	Jason 63	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98259	Jason 64	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98260	Jason 65	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98261	Jason 66	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98262	Jason 67	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98263	Jason 68	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98264	Jason 69	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98265	Jason 70	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98266	Jason 71	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98267	Jason 72	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98268	Jason 73	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98269	Jason 74	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98270	Jason 75	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98271	Jason 76	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98278	Jason 93	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98279	Jason 94	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98280	Jason 95	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98281	Jason 96	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98282	Jason 97	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98283	Jason 98	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98284	Jason 99	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98285	Jason 100	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98286	Jason 101	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98287	Jason 102	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98288	Jason 103	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98289	Jason 104	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98290	Jason 105	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo

Y 98291	Jason 106	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98292	Jason 107	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98293	Jason 108	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98294	Jason 109	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98295	Jason 110	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98300	Jason 117	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98301	Jason 118	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98306	Jason 125	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98307	Jason 126	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98308	Jason 127	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98309	Jason 128	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98310	Jason 129	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98311	Jason 130	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98312	Jason 141	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98313	Jason 142	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98314	Jason 143	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98315	Jason 144	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98316	Jason 145	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98317	Jason 146	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98318	Jason 147	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98319	Jason 148	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98320	Jason 149	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98321	Jason 150	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98322	Jason 151	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98323	Jason 152	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98324	Jason 153	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98325	Jason 154	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98326	Jason 155	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98327	Jason 156	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98328	Jason 157	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98329	Jason 158	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98330	Jason 159	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
Y 98331	Jason 160	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07479	Ace 10	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07480	Ace 11	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07481	Ace 12	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07482	Ace 13	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07483	Ace 14	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07484	Ace 15	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07485	Ace 16	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07486	Ace 17	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA07492	Ace 36	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA38266	Jason 199	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA38267	Jason 200	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA38270	Jason 203	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo

YA38271	Jason 204	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA38272	Jason 205	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
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YA38278	Jason 211	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA38279	Jason 212	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA38280	Jason 213	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA38281	Jason 214	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
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YA41290	Jason 225	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41291	Jason 226	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41292	Jason 227	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41293	Jason 228	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
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YA41298	Jason 233	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41299	Jason 234	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41300	Jason 235	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41301	Jason 236	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41302	Jason 237	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41303	Jason 238	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41304	Jason 239	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YA41305	Jason 240	Fireweed Zinc Ltd - 100%	2018	12	31	Mayo
YD120084	Mac 818	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD120085	Mac 819	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD120086	Mac 820	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD120158	Mac 1	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD120159	Mac 2	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD120262	Mac 803	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD120263	Mac 804	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD120264	Mac 805	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo

YD120265	Mac 806	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
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YD120271	Mac 812	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
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YD128082	Mac 759	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD128101	Mac 762a	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD128102	Mac 761a	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD128103	Mac 503	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
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YD151987	Mac 487	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151988	Mac 488	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151989	Mac 489	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151990	Mac 490	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151991	Mac 491	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151992	Mac 492	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151993	Mac 493	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151994	Mac 494	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151995	Mac 495	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151996	Mac 496	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151997	Mac 497	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151998	Mac 498	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD151999	Mac 499	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD152000	Mac 500	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD152001	Mac 501	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD152002	Mac 502	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD74032	Mac 813	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD74033	Mac 814	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD74034	Mac 815	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD74035	Mac 816	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo
YD74036	Mac 817	Newmont Canada Holdings ULC - 100%	2018	8	28	Mayo

750 claims

Jason - Mike-Ace Watson Group 90 Claims

Grant Number	Label	Claim Owner	Expiry Year	Expiry Month	Expiry Day	District
Y 83274	JASON 33	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 83275	JASON 34	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 83276	JASON 41	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 83277	JASON 42	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake

Y 83278	JASON 43	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 83279	JASON 44	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84507	JASON 85	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84508	JASON 86	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84509	JASON 87	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84510	JASON 88	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84511	JASON 89	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84512	JASON 90	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84513	JASON 91	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84514	JASON 92	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84515	JASON 115	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84516	JASON 116	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84517	JASON 123	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84518	JASON 124	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84519	JASON 131	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84520	JASON 132	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84521	JASON 133	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84522	JASON 134	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84525	JASON 137	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 84530	JASON 84	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93952	JASON 161	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93953	JASON 162	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93954	JASON 163	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93955	JASON 164	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93956	JASON 165	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93957	JASON 166	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93958	JASON 167	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93959	JASON 168	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93960	JASON 169	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93961	JASON 170	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93962	JASON 171	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93963	JASON 172	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93964	JASON 173	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93965	JASON 174	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93966	JASON 175	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 93967	JASON 176	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 94471	JASON 135	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 96210	JASON 19	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 96211	JASON 20	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 96222	JASON 31	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 96223	JASON 32	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 96228	JASON 39	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
Y 96229	JASON 40	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA00024	MIKE 1	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA00025	MIKE 2	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake

YA00805	MIKE 3	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11526	ACE 18	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11527	ACE 19	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11528	ACE 20	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11529	ACE 21	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11530	ACE 25	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11531	ACE 26	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11532	ACE 27	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11533	ACE 28	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11534	ACE 29	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11535	ACE 30	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11536	ACE 33	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11537	ACE 34	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11538	ACE 35	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11539	ACE 39	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11540	ACE 40	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11541	MIKE 4	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11542	MIKE 5	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11543	MIKE 6	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11544	MIKE 7	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11545	MIKE 8	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11546	MIKE 9	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA11547	MIKE 10	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20135	JASON 177	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20136	JASON 178	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20137	JASON 179	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20138	JASON 180	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20139	JASON 181	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20140	JASON 182	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20141	JASON 183	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20142	JASON 184	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20143	JASON 185	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20144	JASON 186	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20145	JASON 187	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA20146	JASON 188	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA35586	JASON 192	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA35587	JASON 193	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA35588	JASON 194	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA35589	JASON 195	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA35590	JASON 196	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake
YA35591	JASON 197	Fireweed Zinc Ltd - 100%	2018	12	31	Watson Lake

90 claims

APPENDIX B

Drill Samples and Certificates of Assay

HoleID	Sample_ID	From_m	To_m	Interval_m	Sample_Type	Certificate	DateFinal	DateRecLab
JS17-001	1906549	165.3	166.29	0.99	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906551	166.29	167.3	1.01	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906552	167.3	168.3	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906553	168.3	169.3	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906554	169.3	170.3	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906555	170.3	171.3	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906556	171.3	172.3	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906557	172.3	173.3	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906558	173.3	174.3	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906559	174.3	175.25	0.95	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906561	175.25	176	0.75	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906562	176	176.5	0.5	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906563	176.5	177	0.5	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906564	177	178	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906565	178	179	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906566	179	180	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906567	180	180.7	0.7	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906569	180.7	181.5	0.8	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906571	181.5	182	0.5	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906572	182	182.6	0.6	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906573	182.6	183.26	0.66	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906574	183.26	184.23	0.97	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906575	184.23	185.1	0.87	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906576	185.1	186.1	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906577	186.1	187.1	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906578	187.1	188.1	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906579	188.1	189.1	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906581	189.1	190.1	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906582	190.1	191.3	1.2	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906583	191.3	192.2	0.9	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906584	192.2	193.2	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906585	193.2	194.2	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906586	194.2	195.15	0.95	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-001	1906587	195.15	196.15	1	Half Core	WHI17000552	04-Oct-17	10-Aug-17
JS17-002	1906589	129.8	131.2	1.4	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906591	142.69	143.73	1.04	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906592	150	151	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906593	151	152	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906594	152	153	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906595	153	154	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906596	154	155.18	1.18	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906597	155.18	155.55	0.37	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906598	155.55	156.25	0.7	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906599	156.25	157.61	1.36	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906601	157.61	158.05	0.44	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906602	158.05	158.45	0.4	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906604	158.45	159.5	1.05	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906605	159.5	160.5	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906606	160.5	161.25	0.75	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906607	161.25	162.25	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906608	162.25	163.25	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906609	163.25	164.35	1.1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906611	164.35	165	0.65	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906612	165	165.54	0.54	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906613	165.54	166.73	1.19	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906614	166.73	168.1	1.37	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906615	168.1	168.62	0.52	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906616	168.62	170	1.38	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906617	170	170.6	0.6	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906618	170.6	171.05	0.45	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906619	171.05	171.86	0.81	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906621	171.86	172.76	0.9	Half Core	WHI17000593	25-Oct-17	15-Aug-17

JS17-002	1906622	172.76	173.2	0.44	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906623	173.2	174	0.8	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906624	174	174.65	0.65	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906625	174.65	175.85	1.2	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906626	175.85	176.6	0.75	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906627	176.6	177	0.4	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906628	177	177.7	0.7	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906629	177.7	178.7	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906632	178.7	179.7	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906633	179.7	180.05	0.35	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906634	180.05	180.6	0.55	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906635	180.6	181.6	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906636	181.6	182.6	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906637	182.6	183.6	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906638	183.6	184.6	1	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906639	194	195.5	1.5	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-002	1906641	195.5	197	1.5	Half Core	WHI17000593	25-Oct-17	15-Aug-17
JS17-003	1906642	41.67	42.3	0.63	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906643	68.5	69.1	0.6	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906644	84.5	86	1.5	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906645	119.6	121	1.4	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906646	127	128	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906647	131	132.5	1.5	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906648	134.7	136.1	1.4	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906649	148	148.75	0.75	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906651	148.75	150	1.25	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906652	150	151	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906653	151	152	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906654	160.5	162	1.5	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906655	162	163	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906656	163	164	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906657	164	165	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906658	165	166	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906659	166	167.17	1.17	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906661	167.17	168	0.83	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906662	168	169	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906663	169	170	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906664	170	170.63	0.63	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906666	170.63	171.58	0.95	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906667	171.58	172.7	1.12	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906669	172.7	174	1.3	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906671	174	175	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906672	175	176	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906673	176	177	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906674	177	178	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906675	178	179	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906676	179	180	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906677	180	181	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906678	181	182	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906679	182	183	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906681	183	184	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906682	184	185	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906683	185	186	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906684	186	187	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906685	187	188	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906686	188	189	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906687	189	190	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906688	190	191	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906689	191	192	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906691	192	192.58	0.58	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906692	192.58	193	0.42	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906693	193	194.1	1.1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906694	194.1	195	0.9	Half Core	WHI17000644	13-Oct-17	21-Aug-17

JS17-003	1906695	195	196	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906696	196	197	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906697	197	198	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906698	198	199	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906699	199	200	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906701	200	201	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906702	201	202	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906703	202	203	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906704	203	204	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906705	204	205	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-003	1906706	205	206	1	Half Core	WHI17000644	13-Oct-17	21-Aug-17
JS17-004	1906707	36.7	37.86	1.16	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906708	44.5	45.5	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906709	45.5	46.5	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906711	122	123	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906712	123	124	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906713	124	125	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906714	125	126	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906715	126	127	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906716	127	128	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906717	128	129	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906718	144	145	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906719	145	146	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906721	146	147	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906722	147	147.45	0.45	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906723	147.45	148.95	1.5	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906724	148.95	150	1.05	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906725	150	151	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906726	151	152	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906727	152	153	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906728	153	154.19	1.19	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906729	154.19	155	0.81	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906731	155	155.45	0.45	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906732	155.45	156	0.55	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906733	156	156.88	0.88	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906734	156.88	157.5	0.62	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906735	157.5	158.34	0.84	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906736	158.34	159.04	0.7	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906737	159.04	159.75	0.71	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906738	159.75	160.75	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906739	160.75	162	1.25	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906741	162	163	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906742	163	163.61	0.61	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906743	163.61	164.8	1.19	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906744	164.8	165.23	0.43	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906745	165.23	166	0.77	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906746	166	167	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906747	167	167.89	0.89	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906748	167.89	168.6	0.71	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906749	168.6	168.94	0.34	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906751	168.94	170	1.06	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906752	170	170.7	0.7	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906753	170.7	171.5	0.8	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906754	171.5	172.1	0.6	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906755	172.1	172.61	0.51	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906756	172.61	173.32	0.71	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906757	173.32	174	0.68	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906758	174	175	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906759	175	176	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906761	176	177	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906762	177	178	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906763	178	179	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906764	179	179.3	0.3	Half Core	WHI17000697	09-Nov-17	25-Aug-17

JS17-004	1906765	179.3	180	0.7	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906767	180	181	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906768	181	182	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906769	182	183	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906771	183	184	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906772	184	185	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906773	185	186.22	1.22	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906774	186.22	187	0.78	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906775	187	188	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906776	188	189	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906777	189	190	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906778	190	191	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906779	191	192	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906781	192	193	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906782	193	194	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906783	194	195.13	1.13	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906784	195.13	196	0.87	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906785	196	197	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906786	197	198	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906787	198	199	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906788	199	200	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906789	200	201	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-004	1906791	201	202	1	Half Core	WHI17000697	09-Nov-17	25-Aug-17
JS17-005	1906792	42.85	44	1.15	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906793	44	45	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906794	45	46	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906795	46	47	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906796	50.5	51.5	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906797	73.6	74.6	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906798	111.94	112.9	0.96	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906799	118.5	120	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906801	134.2	134.57	0.37	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906802	155	156.5	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906803	156.5	158	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906804	158	159.5	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906805	159.5	161	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906806	161	162	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906807	162	163.5	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906808	163.5	165	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906809	165	166	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906811	166	167	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906812	167	168	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906813	168	169	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906814	169	170	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906815	170	171	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906816	171	172	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906817	172	173.5	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906818	173.5	175	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906819	175	175.8	0.8	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906821	175.8	176.5	0.7	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906822	176.5	177.98	1.48	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906823	177.98	178.92	0.94	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906824	178.92	179.68	0.76	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906825	179.68	180.47	0.79	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906826	180.47	180.9	0.43	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906827	180.9	181.7	0.8	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906828	181.7	182.6	0.9	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906831	182.6	183.71	1.11	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906832	183.71	184.6	0.89	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906833	184.6	185.55	0.95	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906834	185.55	186.11	0.56	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906835	186.11	186.62	0.51	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906836	186.62	187.16	0.54	Half Core	WHI17000723	19-Oct-17	29-Aug-17

JS17-005	1906837	187.16	187.72	0.56	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906838	187.72	188.5	0.78	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906839	188.5	189.03	0.53	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906841	189.03	189.6	0.57	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906842	189.6	190.35	0.75	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906843	190.35	191.17	0.82	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906844	191.17	191.88	0.71	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906845	191.88	192.85	0.97	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906846	192.85	193.22	0.37	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906847	193.22	194.2	0.98	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906848	194.2	194.9	0.7	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906849	194.9	195.6	0.7	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906851	195.6	197	1.4	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906852	197	197.45	0.45	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906853	197.45	198.15	0.7	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906854	198.15	198.7	0.55	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906855	198.7	199.35	0.65	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906856	199.35	199.9	0.55	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906857	199.9	201	1.1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906858	201	202	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906859	202	203	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906861	203	203.5	0.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906862	203.5	204.38	0.88	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906863	204.38	205.2	0.82	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906864	205.2	206	0.8	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906865	206	206.72	0.72	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906866	206.72	208	1.28	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906867	208	209	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906868	209	210.2	1.2	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906869	210.2	211.2	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906871	211.2	212.2	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906872	218.43	219.5	1.07	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906873	219.5	220.3	0.8	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906874	220.3	221.3	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906875	221.3	222.2	0.9	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906876	222.2	223.25	1.05	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906877	223.25	223.55	0.3	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906878	223.55	224.1	0.55	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906879	224.1	225.1	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906881	225.1	226.1	1	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906882	226.1	227	0.9	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906883	227	228.5	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906884	228.5	230	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-005	1906885	230	231.5	1.5	Half Core	WHI17000723	19-Oct-17	29-Aug-17
JS17-006	1906886	40.3	41.78	1.48	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906887	47	48.5	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906888	48.5	49.5	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906889	49.5	50.4	0.9	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906891	50.4	52.5	2.1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906892	52.5	53.5	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906893	53.5	54.5	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906894	54.5	55.5	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906895	55.5	56.5	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906896	56.5	57.5	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906897	57.5	58.47	0.97	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906898	58.47	59.15	0.68	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906899	59.15	60.3	1.15	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906901	60.3	61.3	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906902	61.3	61.9	0.6	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906903	61.9	62.45	0.55	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906904	62.45	63.39	0.94	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906905	63.39	63.9	0.51	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906906	63.9	64.7	0.8	Half Core	WHI17000724	20-Oct-17	29-Aug-17

JS17-006	1906907	64.7	65.45	0.75	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906908	65.45	66.4	0.95	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906909	66.4	67.05	0.65	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906911	67.05	67.7	0.65	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906912	67.7	68.4	0.7	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906913	68.4	69.04	0.64	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906914	69.04	69.91	0.87	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906915	69.91	70.6	0.69	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906916	70.6	71.25	0.65	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906917	71.25	71.65	0.4	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906918	71.65	72.3	0.65	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906919	72.3	72.9	0.6	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906921	72.9	73.6	0.7	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906922	73.6	74.5	0.9	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906923	74.5	75	0.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906924	75	75.8	0.8	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906925	75.8	76.25	0.45	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906926	76.25	76.75	0.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906927	76.75	77.2	0.45	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906928	77.2	78	0.8	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906929	78	78.65	0.65	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906931	78.65	79	0.35	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906932	79	79.51	0.51	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906933	79.51	80	0.49	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906934	80	80.5	0.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906935	80.5	81.07	0.57	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906936	81.07	81.5	0.43	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906937	81.5	82.1	0.6	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906938	82.1	82.7	0.6	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906939	82.7	83.4	0.7	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906941	83.4	83.83	0.43	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906942	83.83	84.57	0.74	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906943	84.57	85.5	0.93	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906944	85.5	87	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906945	87	88.5	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906946	88.5	90	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906947	90	91.5	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906948	91.5	93	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906949	93	94.5	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906951	94.5	96	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906952	96	97.5	1.5	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906953	97.5	98.9	1.4	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906954	98.9	100	1.1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-006	1906955	100	101	1	Half Core	WHI17000724	20-Oct-17	29-Aug-17
JS17-007	1906956	47.8	49	1.2	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906957	49	49.8	0.8	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906958	49.8	51.3	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906959	51.3	52.8	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906961	52.8	53.89	1.09	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906962	53.89	55	1.11	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906963	55	57	2	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906964	57	58.5	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906965	58.5	60	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906966	60	61	1	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906967	61	62	1	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906968	62	62.75	0.75	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906969	62.75	63.4	0.65	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906971	63.4	64.1	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906972	64.1	64.8	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906973	64.8	65.05	0.25	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906974	65.05	65.5	0.45	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906975	65.5	66.35	0.85	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906976	66.35	67.2	0.85	Half Core	WHI17000760	20-Oct-17	01-Sep-17

JS17-007	1906977	67.2	68	0.8	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906978	68	68.5	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906979	68.5	69.2	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906981	69.2	69.9	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906982	69.9	70.6	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906983	70.6	71.3	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906984	71.3	72	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906985	72	72.65	0.65	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906986	72.65	73.3	0.65	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906987	73.3	74.3	1	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906988	74.3	75	0.7	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906989	75	75.5	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906991	75.5	76	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906992	76	76.6	0.6	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906993	76.6	77	0.4	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906994	77	77.6	0.6	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906995	77.6	78.1	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906996	78.1	78.6	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906997	78.6	79.35	0.75	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906998	79.35	79.95	0.6	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1906999	79.95	80.45	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907001	80.45	81	0.55	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907002	81	81.5	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907003	81.5	82	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907004	82	82.5	0.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907005	82.5	83.04	0.54	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907006	83.04	83.7	0.66	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907007	83.7	85.05	1.35	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907008	85.05	86.41	1.36	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907009	86.41	87.65	1.24	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907011	87.65	89	1.35	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907012	89	90.5	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907013	90.5	92	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907014	92	93.5	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907015	93.5	95	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907016	95	96.25	1.25	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907017	96.25	97.25	1	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907018	97.25	98.5	1.25	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907019	98.5	99.15	0.65	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907021	99.15	100	0.85	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907022	100	101	1	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907023	101	102.5	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907024	102.5	104	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907025	104	105	1	Half Core	WHI17000760	20-Oct-17	01-Sep-17
JS17-007	1907026	105	106.5	1.5	Half Core	WHI17000760	20-Oct-17	01-Sep-17

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 10, 2017
Report Date: October 04, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000552.1

CLIENT JOB INFORMATION

Project: FWZ17-01
Shipment ID: FWZ17-01010
P.O. Number
Number of Samples: 41

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	39	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	1	Sort, label and box pulps			WHI
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
PULSW	1	Extra Wash with Silica between each sample			VAN
SPTPL	40	Splitting of pulp samples for client			VAN
AQ270	41	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	40	Per sample shipping charges for branch shipments			VAN
MA404	5	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 04, 2017

CERTIFICATE OF ANALYSIS WHI17000552.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906549	Drill Core	2.24	9.0	62.0	104.2	159	0.6	62.0	7.5	80	3.01	98	1.9	3.4	28	<0.5	9.1	<0.5	39	0.17	0.080
1906550	Drill Core	2.23	8.2	58.9	104.6	169	0.6	55.2	7.1	79	3.08	92	1.9	3.2	24	<0.5	8.7	<0.5	36	0.16	0.077
1906551	Drill Core	3.67	14.4	55.2	134.6	2160	0.5	66.5	8.0	93	2.18	48	1.3	3.8	31	4.4	9.0	<0.5	53	0.22	0.100
1906552	Drill Core	4.07	12.5	56.2	115.5	1057	<0.5	72.1	8.3	125	2.30	62	2.1	3.8	54	<0.5	9.5	<0.5	45	0.19	0.090
1906553	Drill Core	3.47	19.4	51.3	154.1	759	0.6	78.3	8.3	84	1.95	39	1.6	4.1	33	<0.5	11.0	<0.5	77	0.26	0.124
1906554	Drill Core	4.88	4.8	39.0	143.3	7350	<0.5	64.7	12.0	789	4.25	71	1.2	3.1	32	1.9	6.0	<0.5	55	0.19	0.070
1906555	Drill Core	3.61	16.8	60.7	1304.4	14057	0.8	94.5	14.7	427	4.20	108	1.5	3.8	42	21.0	11.4	<0.5	181	0.24	0.095
1906556	Drill Core	3.22	4.4	35.7	863.6	12826	<0.5	61.4	10.6	578	3.87	71	1.7	2.9	50	17.6	5.2	<0.5	72	0.15	0.067
1906557	Drill Core	3.23	15.0	57.9	5682.1	48254	0.9	85.2	20.2	74	8.43	128	1.9	3.3	60	69.6	13.1	<0.5	160	0.16	0.090
1906558	Drill Core	4.24	13.5	45.6	27523.6	101619	1.6	60.7	55.2	78	12.48	437	1.9	2.1	30	188.6	16.9	<0.5	102	0.01	0.031
1906559	Drill Core	2.25	5.6	22.7	19646.6	109646	<0.5	19.0	14.5	101	14.00	72	0.9	1.1	9	214.1	16.2	<0.5	72	<0.01	0.015
1906560	Rock Pulp	0.06	3.8	466.1	34939.1	47529	56.8	17.6	43.2	2291	7.35	149	1.4	5.4	25	164.8	45.3	<0.5	<10	4.88	0.055
1906561	Drill Core	2.94	6.8	29.7	27932.2	133995	0.5	23.4	28.3	92	7.92	89	1.1	2.1	6	241.4	12.1	<0.5	77	0.01	0.010
1906562	Drill Core	1.83	12.1	53.1	>40000	>200000	0.8	37.8	51.3	101	6.23	131	1.7	3.8	12	440.2	19.7	<0.5	194	<0.01	0.011
1906563	Drill Core	1.60	7.1	39.3	>40000	159142	0.9	21.1	34.5	89	5.79	115	1.1	1.5	7	196.8	15.4	<0.5	70	<0.01	0.007
1906564	Drill Core	2.08	16.1	72.8	>40000	90590	1.0	48.6	91.1	122	5.77	109	1.9	2.7	17	121.2	15.6	<0.5	131	<0.01	0.018
1906565	Drill Core	2.91	10.0	48.4	>40000	168583	0.9	31.0	54.1	102	6.07	151	1.6	1.6	21	285.4	16.4	<0.5	89	<0.01	0.038
1906566	Drill Core	1.69	8.7	43.8	25670.4	121177	1.4	29.3	24.8	131	4.08	131	1.7	2.2	76	217.5	9.7	<0.5	82	0.02	0.048
1906567	Drill Core	1.11	5.9	42.1	28717.5	60188	1.7	16.5	17.9	80	8.24	41	1.0	1.0	26	89.1	12.4	<0.5	45	0.01	0.014
1906568	Rock	0.52	0.9	9.5	159.2	588	<0.5	1.6	4.8	617	2.01	<5	<0.5	1.6	22	0.8	<0.5	<0.5	28	0.73	0.045
1906569	Drill Core	0.86	14.0	51.4	21884.4	122572	2.8	52.5	10.8	107	11.97	184	1.7	3.7	61	105.6	9.9	<0.5	276	0.07	0.052
1906570	Drill Core	1.22	14.8	62.9	28295.3	136017	3.4	51.8	12.1	138	12.18	189	2.2	4.2	65	128.2	11.4	<0.5	311	0.04	0.040
1906571	Drill Core	0.84	12.0	74.4	33318.0	134873	4.1	72.9	49.7	96	8.44	280	1.0	2.7	47	48.5	12.0	<0.5	190	0.04	0.031
1906572	Drill Core	1.28	7.5	53.8	>40000	117122	4.5	21.6	11.0	131	2.32	29	1.4	1.9	31	199.6	14.1	<0.5	177	0.04	0.014
1906573	Drill Core	2.35	3.2	56.0	22466.5	62882	3.7	15.5	3.2	96	4.60	145	1.1	0.9	55	141.5	16.2	<0.5	86	0.05	0.019
1906573-PW	Silica		<0.5	4.1	9.0	22	<0.5	0.8	<0.5	54	0.53	<5	<0.5	1.7	<5	<0.5	<0.5	<0.5	<10	<0.01	0.003
1906574	Drill Core	2.49	15.3	46.0	651.4	10207	<0.5	88.1	8.9	228	4.24	97	1.4	4.3	145	17.3	18.5	<0.5	199	0.34	0.145
1906575	Drill Core	2.53	19.2	59.6	179.0	1465	0.5	89.4	8.2	115	6.84	129	1.7	3.5	107	1.9	21.0	<0.5	260	0.33	0.137
1906576	Drill Core	4.09	10.0	62.6	308.7	2061	0.7	61.4	6.4	395	6.19	76	1.1	3.0	57	3.7	15.9	<0.5	188	0.17	0.066
1906577	Drill Core	4.01	6.0	50.8	87.6	236	0.7	70.7	11.2	467	3.53	34	0.8	4.6	137	<0.5	12.5	<0.5	58	0.45	0.066

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 04, 2017

CERTIFICATE OF ANALYSIS WHI17000552.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906549	Drill Core	14.1	9.7	0.01	838	0.003	0.50	<0.01	0.11	<0.5	0.09	1.6	0.8	3.20	<5	3		
1906550	Drill Core	13.7	9.1	0.01	928	0.003	0.45	<0.01	0.10	<0.5	0.10	1.6	0.8	3.32	<5	3		
1906551	Drill Core	16.7	11.5	0.01	1130	0.003	0.54	<0.01	0.11	<0.5	0.34	1.7	0.7	2.21	<5	3		
1906552	Drill Core	15.9	10.6	0.01	1091	0.002	0.67	<0.01	0.09	<0.5	0.13	1.3	0.7	2.26	<5	3		
1906553	Drill Core	19.2	16.7	0.01	837	0.003	0.66	<0.01	0.12	<0.5	0.16	1.6	0.8	1.98	<5	4		
1906554	Drill Core	10.3	13.7	0.02	1160	0.002	0.85	<0.01	0.06	<0.5	0.29	3.0	0.5	1.92	<5	2		
1906555	Drill Core	13.0	44.2	0.02	328	0.003	0.92	<0.01	0.03	<0.5	2.06	4.3	1.6	3.91	<5	6		
1906556	Drill Core	9.6	17.8	0.02	403	0.015	0.72	<0.01	<0.01	<0.5	2.20	2.8	2.1	3.14	<5	<2		
1906557	Drill Core	10.1	35.8	<0.01	126	0.043	0.59	<0.01	<0.01	<0.5	10.05	1.9	6.6	11.70	<5	5		
1906558	Drill Core	6.4	30.1	<0.01	123	0.031	0.29	<0.01	<0.01	<0.5	23.24	0.7	5.8	18.84	<5	7		
1906559	Drill Core	3.1	19.0	<0.01	73	0.023	0.13	<0.01	<0.01	1.7	3.11	<0.5	12.2	20.64	<5	5		
1906560	Rock Pulp	21.6	15.3	2.65	240	0.017	0.97	0.01	0.62	<0.5	0.77	3.4	42.7	7.64	<5	5		
1906561	Drill Core	2.4	26.2	<0.01	198	0.026	0.10	<0.01	<0.01	0.7	1.26	0.6	12.1	15.52	<5	21		
1906562	Drill Core	3.6	55.6	<0.01	158	0.061	0.17	<0.01	<0.01	1.0	0.64	0.9	23.7	17.87	7	33	5.70	21.41
1906563	Drill Core	1.1	22.6	<0.01	180	0.022	0.08	<0.01	<0.01	1.9	0.63	0.9	23.3	14.78	6	24	5.13	18.68
1906564	Drill Core	3.2	45.1	<0.01	242	0.043	0.17	<0.01	<0.01	0.9	9.72	1.0	13.1	11.30	5	25	4.47	11.52
1906565	Drill Core	2.6	30.9	<0.01	169	0.028	0.17	<0.01	<0.01	0.7	2.66	1.1	18.8	15.63	5	27	4.93	20.27
1906566	Drill Core	5.1	26.0	<0.01	299	0.022	0.48	<0.01	<0.01	<0.5	18.91	1.5	7.2	10.44	5	18		
1906567	Drill Core	2.1	17.0	<0.01	213	0.014	0.20	<0.01	<0.01	15.5	3.60	1.0	8.6	12.52	<5	10		
1906568	Rock	5.2	2.6	0.51	53	0.104	0.98	0.08	0.10	<0.5	0.06	3.1	<0.5	0.07	<5	<2		
1906569	Drill Core	7.5	49.0	<0.01	71	0.078	0.27	<0.01	<0.01	1.0	76.12	0.8	2.2	19.25	<5	11		
1906570	Drill Core	9.0	56.2	<0.01	88	0.089	0.26	<0.01	<0.01	0.8	86.81	1.4	2.5	19.87	<5	13		
1906571	Drill Core	4.0	42.0	<0.01	126	0.055	0.24	<0.01	<0.01	<0.5	92.37	0.9	2.2	15.83	<5	17		
1906572	Drill Core	2.5	30.6	<0.01	363	0.051	0.31	<0.01	<0.01	16.3	59.90	0.7	7.4	8.39	<5	20	4.53	14.88
1906573	Drill Core	1.5	12.0	<0.01	334	0.026	0.29	<0.01	<0.01	<0.5	37.70	1.1	8.3	8.00	<5	12		
1906573-PW	Silica	6.4	2.7	<0.01	<5	0.002	0.05	<0.01	0.03	<0.5	0.35	0.7	<0.5	<0.05	<5	<2		
1906574	Drill Core	17.4	37.1	0.01	381	0.047	1.29	<0.01	0.03	<0.5	3.18	1.8	2.5	4.27	<5	6		
1906575	Drill Core	14.1	51.4	<0.01	212	0.061	1.68	<0.01	0.06	<0.5	1.23	2.7	1.8	6.93	<5	7		
1906576	Drill Core	11.7	35.4	0.02	291	0.048	0.50	<0.01	<0.01	0.6	1.41	3.1	0.9	5.91	<5	6		
1906577	Drill Core	17.1	14.5	0.15	813	0.009	2.12	<0.01	0.09	<0.5	0.52	3.8	0.9	2.34	6	3		

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 04, 2017

CERTIFICATE OF ANALYSIS WHI17000552.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906578	Drill Core	3.85	7.5	60.2	128.6	333	0.7	88.7	12.1	32	4.82	58	0.9	5.3	65	0.7	12.6	<0.5	106	0.16	0.071
1906579	Drill Core	3.70	5.2	80.0	70.1	893	0.6	54.8	9.3	21	3.04	32	0.8	5.7	33	2.8	8.7	<0.5	28	0.19	0.071
1906580	Rock	0.52	1.3	11.3	7.7	60	<0.5	2.7	6.6	705	2.44	<5	<0.5	1.6	32	<0.5	<0.5	<0.5	43	0.93	0.040
1906581	Drill Core	3.90	4.8	68.8	53.3	266	0.6	49.9	10.1	22	2.04	23	0.8	6.4	31	0.7	8.7	<0.5	26	0.14	0.070
1906582	Drill Core	3.87	7.2	61.1	86.8	94	0.9	72.3	10.4	30	3.19	35	0.9	6.0	52	<0.5	11.2	<0.5	32	0.23	0.089
1906583	Drill Core	3.56	5.0	44.5	96.7	104	0.8	57.1	9.5	36	4.83	38	0.9	5.1	43	<0.5	9.5	<0.5	32	0.16	0.068
1906584	Drill Core	4.47	6.1	50.3	494.9	947	0.8	60.4	10.3	31	6.10	53	1.1	5.6	59	1.2	10.9	<0.5	40	0.22	0.117
1906585	Drill Core	4.01	6.7	49.2	67.6	62	0.7	54.2	10.3	33	2.12	30	0.9	6.6	39	<0.5	9.7	<0.5	35	0.19	0.073
1906586	Drill Core	3.68	6.3	58.7	82.7	47	0.9	58.4	9.8	687	3.51	33	1.0	5.4	41	<0.5	10.3	<0.5	40	0.18	0.076
1906587	Drill Core	4.48	6.4	56.3	74.0	27	1.0	65.5	9.8	628	2.97	36	0.9	5.6	39	<0.5	10.2	<0.5	32	0.15	0.070
1906588	Rock	0.52	0.7	10.1	4.1	41	<0.5	1.5	4.6	641	2.11	<5	<0.5	1.7	35	<0.5	<0.5	<0.5	30	0.74	0.042

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Project: FWZ17-01
Report Date: October 04, 2017

CERTIFICATE OF ANALYSIS WHI17000552.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906578	Drill Core	19.0	25.2	0.01	374	0.009	0.92	<0.01	0.04	<0.5	0.49	4.3	0.8	5.20	<5	6		
1906579	Drill Core	23.2	7.5	0.01	715	0.002	0.46	<0.01	0.09	<0.5	0.60	2.6	0.5	3.31	<5	3		
1906580	Rock	5.5	3.1	0.66	99	0.110	1.26	0.10	0.10	<0.5	0.15	3.2	<0.5	<0.05	<5	<2		
1906581	Drill Core	26.5	7.1	0.02	1204	0.004	0.50	<0.01	0.15	<0.5	0.31	2.1	0.6	2.14	<5	4		
1906582	Drill Core	25.8	7.4	0.02	1052	0.003	0.45	<0.01	0.15	<0.5	0.32	2.9	0.8	3.46	<5	4		
1906583	Drill Core	20.0	7.8	0.02	758	0.002	0.43	<0.01	0.18	<0.5	0.31	2.4	0.7	5.28	<5	5		
1906584	Drill Core	22.1	8.7	0.02	537	0.003	0.49	<0.01	0.20	0.5	0.36	3.4	1.0	6.84	<5	5		
1906585	Drill Core	29.3	9.1	0.02	1244	0.003	0.49	<0.01	0.22	<0.5	0.39	2.5	0.8	2.20	<5	4		
1906586	Drill Core	21.4	8.3	0.03	1074	0.002	0.44	<0.01	0.18	<0.5	0.32	2.8	0.8	3.24	<5	5		
1906587	Drill Core	23.7	8.1	0.02	1110	0.003	0.41	<0.01	0.19	<0.5	0.27	2.2	0.9	2.81	<5	5		
1906588	Rock	6.0	2.1	0.50	82	0.103	1.02	0.10	0.12	<0.5	0.07	4.0	<0.5	<0.05	<5	<2		

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Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 04, 2017

QUALITY CONTROL REPORT WHI17000552.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906559	Drill Core	2.25	5.6	22.7	19646.6	109646	<0.5	19.0	14.5	101	14.00	72	0.9	1.1	9	214.1	16.2	<0.5	72	<0.01	0.015
REP 1906559	QC		5.5	22.6	19811.9	110347	0.5	18.5	15.1	98	14.17	72	0.9	1.1	10	210.9	16.1	<0.5	74	0.01	0.014
1906564	Drill Core	2.08	16.1	72.8	>40000	90590	1.0	48.6	91.1	122	5.77	109	1.9	2.7	17	121.2	15.6	<0.5	131	<0.01	0.018
REP 1906564	QC		15.5	70.8	>40000	90116	1.0	48.7	89.0	126	5.76	111	1.9	2.8	17	124.1	15.8	<0.5	133	<0.01	0.019
1906565	Drill Core	2.91	10.0	48.4	>40000	168583	0.9	31.0	54.1	102	6.07	151	1.6	1.6	21	285.4	16.4	<0.5	89	<0.01	0.038
REP 1906565	QC																				
1906583	Drill Core	3.56	5.0	44.5	96.7	104	0.8	57.1	9.5	36	4.83	38	0.9	5.1	43	<0.5	9.5	<0.5	32	0.16	0.068
REP 1906583	QC		5.5	43.7	97.6	108	0.8	57.6	9.5	36	4.85	38	0.9	5.4	44	<0.5	9.8	<0.5	33	0.15	0.069
Reference Materials																					
STD GBM398-4-AR	Standard		894.9	3959.3	11774.8	5379	48.4	4221.2	2056.3	5166	3.88	6	0.7	0.8	14	9.7	7.6	13.2	19	0.35	0.017
STD GBM398-4-AR	Standard		913.7	3976.5	12016.0	5427	50.4	4354.4	2035.4	5280	3.78	8	0.7	0.8	13	10.0	7.1	13.2	17	0.33	0.019
STD GBM398-4-AR	Standard		882.3	3896.9	11688.1	5342	49.8	4211.7	2001.0	5270	3.99	7	0.7	0.7	14	10.1	7.3	12.8	22	0.33	0.024
STD GBM398-4-AR	Standard		888.0	3897.8	11341.1	5243	49.5	4154.6	1915.7	5380	3.86	6	0.6	0.8	14	9.0	7.1	12.8	30	0.36	0.018
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		0.8	10691.5	218.5	722	4.9	29.4	30.1	1187	8.05	13	1.6	12.1	14	0.9	1.3	69.6	33	0.33	0.049
STD OREAS927-AR	Standard		1.0	10960.0	214.6	721	5.7	29.7	29.2	1074	8.27	14	1.6	11.8	13	1.1	1.4	64.4	33	0.29	0.056
STD OREAS927-AR	Standard		0.9	10702.0	226.4	715	4.1	28.6	29.3	1113	8.19	17	1.5	12.2	13	1.0	1.3	66.0	36	0.32	0.053
STD OREAS927-AR	Standard		1.1	10613.8	212.6	724	4.3	28.3	31.5	1098	7.98	13	1.6	12.2	12	0.9	1.2	63.5	35	0.33	0.053
STD OREAS132A Expected																					
STD OREAS134B Expected																					
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.5	<0.5	2.8	14	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001

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Project: FWZ17-01
Report Date: October 04, 2017

QUALITY CONTROL REPORT WHI17000552.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270		MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
Pulp Duplicates																		
1906559	Drill Core	3.1	19.0	<0.01	73	0.023	0.13	<0.01	<0.01	1.7	3.11	<0.5	12.2	20.64	<5	5		
REP 1906559	QC	3.0	18.5	<0.01	72	0.022	0.13	<0.01	<0.01	1.4	3.04	<0.5	12.6	21.01	<5	3		
1906564	Drill Core	3.2	45.1	<0.01	242	0.043	0.17	<0.01	<0.01	0.9	9.72	1.0	13.1	11.30	5	25	4.47	11.52
REP 1906564	QC	3.6	45.3	<0.01	291	0.043	0.18	<0.01	<0.01	1.0	9.99	1.1	13.1	11.06	5	20		
1906565	Drill Core	2.6	30.9	<0.01	169	0.028	0.17	<0.01	<0.01	0.7	2.66	1.1	18.8	15.63	5	27	4.93	20.27
REP 1906565	QC																4.79	17.66
1906583	Drill Core	20.0	7.8	0.02	758	0.002	0.43	<0.01	0.18	<0.5	0.31	2.4	0.7	5.28	<5	5		
REP 1906583	QC	21.1	8.5	0.02	1115	0.003	0.44	<0.01	0.18	<0.5	0.29	2.1	0.8	5.32	<5	3		
Reference Materials																		
STD GBM398-4-AR	Standard	2.9	2002.5	0.13	21	0.110	0.50	0.26	0.12	3.2	3.26	2.3	<0.5	0.93	<5	3		
STD GBM398-4-AR	Standard	2.9	1987.9	0.13	21	0.108	0.49	0.25	0.12	3.0	3.05	1.5	<0.5	0.91	<5	<2		
STD GBM398-4-AR	Standard	2.8	2009.0	0.13	21	0.110	0.46	0.26	0.12	2.9	2.88	2.3	<0.5	0.92	<5	4		
STD GBM398-4-AR	Standard	2.6	1911.4	0.12	21	0.113	0.50	0.25	0.11	2.9	3.00	1.9	<0.5	0.94	<5	3		
STD OREAS132A	Standard																3.54	5.05
STD OREAS134B	Standard																13.25	17.56
STD OREAS132A	Standard																3.66	4.89
STD OREAS134B	Standard																13.54	17.56
STD OREAS927-AR	Standard	26.7	38.5	1.90	44	0.074	3.13	<0.01	0.28	4.6	0.10	4.6	<0.5	1.73	9	15		
STD OREAS927-AR	Standard	27.6	41.4	1.94	45	0.077	3.21	<0.01	0.27	4.7	0.13	4.5	<0.5	1.73	9	15		
STD OREAS927-AR	Standard	26.9	41.1	1.93	49	0.082	3.35	<0.01	0.30	4.5	0.09	7.2	<0.5	1.75	10	16		
STD OREAS927-AR	Standard	26.2	42.2	1.94	46	0.084	3.16	<0.01	0.27	4.9	0.16	4.4	<0.5	1.77	9	15		
STD OREAS132A Expected																	3.66	4.96
STD OREAS134B Expected																	13.36	18.03
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5		
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
BLK	Blank	<0.5	0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		

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BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: October 04, 2017

QUALITY CONTROL REPORT WHI17000552.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
BLK	Blank		<0.5	1.1	0.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
Prep Wash																					
ROCK-WHI	Prep Blank		0.6	4.9	18.5	65	<0.5	1.1	4.3	627	2.04	6	<0.5	2.1	22	<0.5	1.1	<0.5	26	0.58	0.040
ROCK-WHI	Prep Blank		0.5	7.4	1.4	40	<0.5	0.8	3.5	580	1.85	<5	<0.5	2.0	21	<0.5	<0.5	<0.5	22	0.56	0.042

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Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: October 04, 2017

QUALITY CONTROL REPORT WHI17000552.1

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Tl ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	Pb % 0.01	MA404 Zn % 0.01
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
Prep Wash																		
ROCK-WHI	Prep Blank	6.3	2.5	0.47	138	0.093	0.86	0.06	0.10	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2		
ROCK-WHI	Prep Blank	5.8	1.7	0.48	49	0.090	0.83	0.06	0.09	<0.5	<0.05	3.3	<0.5	<0.05	<5	<2		

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 15, 2017
Report Date: September 14, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000593.1

CLIENT JOB INFORMATION

Project: FWZ17-01
Shipment ID: FWZ17-01011
P.O. Number
Number of Samples: 54

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	51	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	2	Sort, label and box pulps			WHI
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
PULSW	1	Extra Wash with Silica between each sample			VAN
SPTPL	52	Splitting of pulp samples for client			VAN
AQ270	54	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	53	Per sample shipping charges for branch shipments			VAN
MA404	1	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 14, 2017

CERTIFICATE OF ANALYSIS WHI17000593.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906589	Drill Core	2.99	15.5	47.3	78.1	150	0.6	60.1	6.8	88	2.32	26	1.7	5.0	34	0.9	5.0	<0.5	51	0.18	0.083
1906590	Drill Core	2.41	16.8	51.6	78.1	159	0.6	60.2	6.7	90	2.05	24	1.9	5.5	34	1.2	4.9	<0.5	59	0.19	0.094
1906591	Drill Core	3.91	3.0	33.5	69.9	985	<0.5	35.9	5.6	381	2.74	22	0.8	3.5	130	0.7	2.3	<0.5	47	1.55	0.052
1906592	Drill Core	3.40	4.3	37.3	126.2	460	<0.5	42.3	7.5	88	1.61	25	0.7	7.0	14	<0.5	2.4	<0.5	28	0.10	0.039
1906593	Drill Core	3.70	3.4	43.0	372.3	682	<0.5	42.5	7.1	402	2.50	25	0.7	4.9	146	1.1	2.4	<0.5	49	2.00	0.059
1906594	Drill Core	3.56	3.3	45.2	399.6	1757	<0.5	42.0	8.2	397	2.85	30	0.6	4.5	154	3.1	2.8	<0.5	45	1.94	0.051
1906595	Drill Core	3.10	2.9	57.3	1342.0	6666	0.9	45.7	10.3	1112	4.74	47	0.6	3.6	375	13.9	4.7	<0.5	80	5.30	0.044
1906596	Drill Core	4.39	3.0	41.9	865.6	5332	0.5	38.3	9.0	716	3.81	42	0.7	4.2	277	9.9	3.5	<0.5	56	3.20	0.045
1906597	Drill Core	0.96	11.8	229.0	17118.5	105772	5.3	155.1	84.2	1343	18.08	327	1.2	2.1	16	217.2	27.2	<0.5	36	0.12	0.035
1906598	Drill Core	3.72	5.7	104.7	13023.5	94239	2.5	54.2	37.0	724	13.59	300	1.0	1.9	25	217.8	7.7	<0.5	49	0.09	0.026
1906599	Drill Core	2.37	8.4	92.9	23715.7	117867	3.5	44.9	24.0	174	11.16	301	1.4	1.7	19	252.9	7.2	<0.5	105	0.06	0.028
1906600	Rock Pulp	0.03	2.8	307.2	>40000	105308	99.0	21.0	23.2	1393	7.63	138	1.4	5.8	19	316.4	185.1	0.6	<10	3.80	0.039
1906601	Drill Core	1.45	3.6	44.8	17779.8	99097	1.6	32.6	26.1	129	4.92	295	0.6	0.8	9	183.2	4.9	<0.5	<10	0.02	0.006
1906602	Drill Core	1.07	5.9	48.1	16944.6	105353	2.0	50.2	18.6	197	10.66	393	1.2	1.4	18	205.6	5.1	<0.5	19	0.03	0.010
1906603	Rock	0.53	0.9	10.5	40.8	205	<0.5	2.8	5.0	810	2.46	<5	<0.5	2.1	30	<0.5	<0.5	<0.5	38	0.92	0.037
1906604	Drill Core	2.72	6.5	71.0	26268.8	101673	3.0	44.8	32.0	72	10.88	293	0.6	1.3	18	228.4	6.9	<0.5	118	0.07	0.026
1906605	Drill Core	3.99	3.8	44.5	1504.0	14006	0.5	73.9	11.3	303	4.62	59	1.1	4.6	56	21.5	3.1	<0.5	82	0.16	0.066
1906606	Drill Core	3.02	3.9	57.3	209.5	3568	0.6	100.6	15.5	930	6.75	66	1.3	5.9	35	1.6	4.8	<0.5	101	0.13	0.061
1906607	Drill Core	3.26	4.4	43.4	297.6	5556	<0.5	88.3	10.7	375	4.02	38	1.5	6.6	63	2.9	3.0	<0.5	190	0.16	0.072
1906608	Drill Core	3.33	3.7	32.7	126.9	4161	<0.5	68.1	9.7	254	4.25	39	1.3	6.0	52	2.7	2.7	<0.5	122	0.15	0.076
1906609	Drill Core	1.77	3.3	33.4	163.3	3518	<0.5	83.6	9.3	231	3.69	37	1.1	5.1	55	2.2	2.4	<0.5	123	0.12	0.057
1906610	Drill Core	1.68	3.4	33.7	154.9	4171	<0.5	91.4	8.0	252	3.82	34	1.1	4.9	75	2.1	2.5	<0.5	120	0.13	0.057
1906611	Drill Core	2.83	7.1	113.1	2892.5	29206	0.9	111.1	18.0	237	8.47	115	1.3	4.1	64	62.5	7.5	<0.5	97	0.09	0.050
1906612	Drill Core	2.49	8.0	116.6	18000.5	92129	2.2	73.5	30.3	122	9.54	291	1.1	1.5	13	189.8	10.5	<0.5	50	0.03	0.012
1906613	Drill Core	5.20	6.3	37.4	19527.3	89019	1.1	28.1	19.0	99	10.97	158	0.6	2.1	14	221.6	5.5	<0.5	87	0.02	0.011
1906614	Drill Core	5.14	7.6	38.5	24842.4	119716	0.8	22.7	18.6	83	5.52	46	1.7	3.2	9	191.7	10.4	<0.5	131	0.03	0.015
1906615	Drill Core	2.24	8.2	64.1	21516.7	167217	1.2	60.3	12.4	127	9.79	290	5.2	5.6	19	57.3	16.5	<0.5	404	0.12	0.051
1906616	Drill Core	6.07	14.9	58.9	20617.8	113972	0.9	38.8	11.0	126	7.71	77	2.1	5.4	29	22.7	16.0	<0.5	377	0.12	0.059
1906617	Drill Core	2.41	9.6	51.2	33353.8	119402	0.9	25.1	6.9	198	9.49	152	1.8	3.0	12	32.6	18.9	<0.5	95	0.04	0.021
1906618	Drill Core	1.61	7.4	33.1	17640.9	30311	0.6	16.9	4.1	126	10.11	128	1.5	2.0	8	9.5	14.3	<0.5	62	0.03	0.010

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 14, 2017

CERTIFICATE OF ANALYSIS WHI17000593.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1906589	Drill Core	18.8	8.7	0.02	732	0.002	0.42	<0.01	0.18	<0.5	0.20	1.5	0.7	2.33	<5	4	
1906590	Drill Core	21.4	10.4	0.02	882	0.003	0.49	<0.01	0.21	<0.5	0.19	1.5	0.7	2.01	<5	5	
1906591	Drill Core	11.7	10.0	0.62	963	0.003	0.37	<0.01	0.14	<0.5	0.11	2.3	<0.5	1.86	<5	3	
1906592	Drill Core	22.9	8.6	0.03	947	0.003	0.60	<0.01	0.14	<0.5	0.16	1.3	0.5	1.35	<5	3	
1906593	Drill Core	15.6	10.8	0.84	1837	0.002	0.54	<0.01	0.10	<0.5	0.25	3.0	0.5	1.80	<5	4	
1906594	Drill Core	13.5	11.7	0.83	1386	0.002	0.67	<0.01	0.10	<0.5	0.47	2.7	0.7	2.16	<5	3	
1906595	Drill Core	6.9	16.3	2.35	557	0.002	1.00	0.01	0.11	<0.5	1.75	4.7	1.4	3.27	<5	6	
1906596	Drill Core	11.5	15.5	1.41	1083	0.002	2.00	0.02	0.16	<0.5	1.31	2.7	1.8	2.02	<5	3	
1906597	Drill Core	3.2	10.7	0.04	67	0.001	0.45	<0.01	0.03	<0.5	25.93	2.3	10.3	21.36	<5	24	
1906598	Drill Core	4.1	14.9	0.02	75	0.004	0.31	<0.01	<0.01	<0.5	21.37	2.1	9.1	17.21	<5	8	
1906599	Drill Core	3.7	32.1	<0.01	134	0.028	0.20	<0.01	<0.01	1.9	35.14	0.8	4.5	17.48	<5	5	
1906600	Rock Pulp	17.9	10.7	2.08	83	0.011	0.70	<0.01	0.42	<0.5	5.11	2.6	43.2	10.71	<5	<2	4.92
1906601	Drill Core	2.6	7.0	<0.01	243	0.002	0.11	<0.01	<0.01	0.5	31.29	<0.5	2.7	9.69	<5	3	
1906602	Drill Core	2.0	11.2	0.01	193	0.004	0.17	<0.01	<0.01	1.0	31.68	0.6	2.5	16.17	<5	4	
1906603	Rock	5.9	3.6	0.62	70	0.114	1.23	0.11	0.13	<0.5	0.24	4.1	<0.5	0.05	<5	<2	
1906604	Drill Core	3.0	16.9	<0.01	138	0.029	0.19	<0.01	<0.01	<0.5	33.13	0.9	7.5	16.86	<5	9	
1906605	Drill Core	12.4	25.1	0.02	395	0.020	2.05	<0.01	0.02	<0.5	3.94	3.2	1.6	4.16	<5	3	
1906606	Drill Core	12.1	29.4	0.02	236	0.021	0.95	<0.01	<0.01	<0.5	0.92	2.7	1.0	6.88	<5	6	
1906607	Drill Core	18.0	38.8	0.02	561	0.050	1.48	<0.01	0.01	<0.5	0.82	2.6	<0.5	3.22	<5	3	
1906608	Drill Core	16.1	29.7	0.01	499	0.030	0.95	<0.01	<0.01	<0.5	0.66	1.6	<0.5	3.97	<5	3	
1906609	Drill Core	16.5	28.6	0.02	644	0.031	1.51	<0.01	0.01	<0.5	0.60	1.8	<0.5	2.96	<5	3	
1906610	Drill Core	14.9	26.6	0.02	496	0.030	1.43	<0.01	0.01	<0.5	0.52	1.7	<0.5	3.14	<5	2	
1906611	Drill Core	13.2	27.6	0.01	125	0.026	1.16	<0.01	<0.01	<0.5	7.33	1.6	2.8	9.78	<5	2	
1906612	Drill Core	2.8	18.4	<0.01	188	0.016	0.32	<0.01	<0.01	<0.5	27.61	0.6	4.5	14.69	<5	5	
1906613	Drill Core	3.7	25.3	<0.01	145	0.028	0.16	<0.01	<0.01	<0.5	13.74	0.5	5.9	16.21	<5	3	
1906614	Drill Core	3.9	34.8	<0.01	258	0.040	0.18	<0.01	<0.01	4.1	0.32	<0.5	13.6	11.93	<5	5	
1906615	Drill Core	10.1	57.0	<0.01	88	0.100	0.22	<0.01	<0.01	0.6	0.48	0.8	27.7	18.41	6	11	
1906616	Drill Core	7.8	73.3	<0.01	146	0.110	0.33	<0.01	<0.01	1.9	1.02	0.6	34.3	13.93	6	11	
1906617	Drill Core	3.6	28.5	<0.01	120	0.028	0.17	<0.01	<0.01	0.7	1.87	0.5	37.5	15.95	<5	10	
1906618	Drill Core	2.5	16.1	<0.01	200	0.017	0.13	<0.01	<0.01	<0.5	3.61	0.7	17.4	12.38	<5	9	

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 14, 2017

CERTIFICATE OF ANALYSIS WHI17000593.1

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906619	Drill Core	3.52	12.6	62.6	8819.7	124904	1.3	51.4	12.9	245	7.35	196	1.7	3.1	29	40.8	10.5	<0.5	341	0.10	0.051
1906620	Rock Pulp	0.07	2.4	212.6	17482.9	29313	33.8	25.3	18.4	1940	5.28	82	1.8	8.0	25	93.0	53.4	<0.5	<10	4.87	0.056
1906621	Drill Core	3.81	13.2	78.6	9399.7	130788	1.8	61.1	9.2	147	7.68	221	1.9	3.8	46	39.7	12.9	<0.5	550	0.16	0.083
1906622	Drill Core	1.81	16.8	62.4	985.6	10790	0.7	73.2	8.3	147	5.61	136	3.6	5.8	152	4.5	9.6	<0.5	778	0.78	0.343
1906623	Drill Core	2.99	16.5	84.7	840.4	20031	0.9	85.2	8.7	159	7.85	147	2.3	5.0	90	7.3	11.7	<0.5	691	0.41	0.187
1906624	Drill Core	2.15	14.8	60.9	551.8	18397	0.7	73.5	7.6	86	5.27	114	2.0	4.6	92	6.9	8.9	<0.5	627	0.52	0.225
1906625	Drill Core	2.69	16.7	59.6	1764.2	57375	1.2	81.3	13.9	105	9.58	161	1.4	4.2	47	19.7	11.7	<0.5	479	0.16	0.070
1906626	Drill Core	2.87	13.8	49.0	585.7	45685	1.8	58.8	8.0	101	4.66	96	1.5	4.1	60	17.2	7.0	<0.5	223	0.17	0.083
1906627	Drill Core	0.88	6.0	50.5	858.4	76756	1.0	34.3	6.0	75	2.99	54	1.3	2.1	100	39.1	3.7	<0.5	125	0.12	0.061
1906627-PW	Silica		<0.5	9.5	26.1	22	<0.5	0.8	<0.5	44	0.45	<5	<0.5	2.4	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
1906628	Drill Core	2.69	12.6	56.4	425.2	28320	1.3	55.4	8.0	68	3.66	71	1.4	3.4	80	16.1	6.8	<0.5	80	0.19	0.092
1906629	Drill Core	1.93	12.8	55.2	455.7	6086	1.5	57.7	8.2	70	5.45	112	1.5	3.1	96	2.3	7.9	<0.5	81	0.17	0.084
1906630	Drill Core	1.91	13.0	58.1	472.0	5482	1.6	55.3	7.4	60	5.43	117	1.3	3.0	98	2.3	8.5	<0.5	71	0.18	0.083
1906631	Rock	0.52	0.9	5.4	5.0	58	<0.5	1.4	4.0	643	2.16	<5	<0.5	2.2	24	<0.5	<0.5	<0.5	26	0.73	0.042
1906632	Drill Core	4.15	13.4	57.6	468.9	8585	1.5	64.4	6.7	83	3.95	76	1.3	3.9	178	3.5	8.0	<0.5	116	0.22	0.101
1906633	Drill Core	1.55	12.2	64.3	1758.5	10270	2.0	72.0	7.8	58	8.08	841	1.2	1.9	157	5.6	9.3	<0.5	125	0.16	0.078
1906634	Drill Core	1.66	12.9	52.4	539.4	37715	1.3	57.4	9.7	42	3.08	64	1.1	3.6	33	19.2	7.2	<0.5	53	0.13	0.062
1906635	Drill Core	3.20	14.2	57.7	494.9	11009	1.5	63.3	6.3	38	3.25	54	1.4	3.9	95	6.4	8.5	<0.5	63	0.22	0.103
1906636	Drill Core	3.66	16.4	67.0	743.6	13408	1.8	64.7	6.1	21	3.56	57	1.3	3.4	53	9.3	9.5	<0.5	43	0.27	0.115
1906637	Drill Core	3.66	17.1	75.8	658.4	12021	1.9	59.5	5.9	44	3.97	58	1.4	3.3	40	9.3	10.7	<0.5	65	0.22	0.103
1906638	Drill Core	4.00	17.5	66.2	341.3	8419	1.3	65.8	5.6	37	3.19	41	1.6	3.9	45	10.4	9.0	<0.5	75	0.24	0.110
1906639	Drill Core	4.80	14.0	60.0	87.9	31	0.8	58.6	6.0	45	4.02	31	1.5	4.4	55	3.6	8.0	<0.5	81	0.22	0.109
1906640	Rock	0.53	1.2	7.0	2.1	54	<0.5	3.5	5.2	790	2.52	<5	0.5	1.9	27	<0.5	<0.5	<0.5	37	0.88	0.044
1906641	Drill Core	4.99	11.4	85.7	164.6	25	1.0	51.7	5.3	61	7.51	32	1.7	3.6	54	3.9	8.1	<0.5	68	0.25	0.125

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 14, 2017

CERTIFICATE OF ANALYSIS WHI17000593.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1906619	Drill Core	6.8	51.5	<0.01	166	0.086	0.38	<0.01	<0.01	<0.5	43.33	1.5	6.7	13.02	9	13	
1906620	Rock Pulp	27.4	13.2	2.74	125	0.018	0.95	0.01	0.68	0.6	1.70	2.9	26.4	4.60	<5	<2	
1906621	Drill Core	11.0	73.8	<0.01	95	0.140	0.69	<0.01	<0.01	0.8	59.67	0.9	25.6	14.26	6	12	
1906622	Drill Core	21.1	113.8	0.01	287	0.205	1.01	<0.01	<0.01	0.8	9.09	1.5	18.4	5.88	<5	4	
1906623	Drill Core	16.5	98.1	0.01	166	0.178	1.37	<0.01	0.01	0.7	18.59	1.6	33.4	8.88	<5	7	
1906624	Drill Core	17.3	91.9	<0.01	258	0.166	1.72	<0.01	0.01	0.7	16.86	2.0	23.5	5.53	<5	5	
1906625	Drill Core	12.3	66.8	<0.01	116	0.122	1.04	<0.01	<0.01	1.0	47.38	1.6	28.9	12.79	<5	7	
1906626	Drill Core	14.2	42.2	<0.01	292	0.060	2.57	<0.01	0.02	<0.5	33.89	2.9	56.4	5.39	6	3	
1906627	Drill Core	5.4	19.0	<0.01	236	0.035	0.43	<0.01	<0.01	<0.5	55.83	0.6	15.2	6.27	<5	3	
1906627-PW	Silica	5.8	1.8	<0.01	6	0.001	0.05	<0.01	0.03	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	
1906628	Drill Core	11.9	21.2	<0.01	553	0.018	2.34	<0.01	0.04	<0.5	14.11	2.4	43.8	3.77	6	3	
1906629	Drill Core	12.1	19.4	<0.01	461	0.015	3.37	0.02	0.07	<0.5	4.14	4.2	62.1	3.92	9	3	
1906630	Drill Core	10.3	16.8	<0.01	555	0.013	3.49	0.02	0.07	<0.5	3.74	3.4	65.8	3.88	10	4	
1906631	Rock	6.2	2.1	0.49	216	0.099	0.95	0.08	0.12	<0.5	<0.05	3.5	<0.5	<0.05	<5	<2	
1906632	Drill Core	13.6	29.3	<0.01	966	0.010	3.39	0.02	0.11	<0.5	4.62	3.7	46.5	2.44	9	3	
1906633	Drill Core	7.5	27.5	<0.01	215	0.004	2.30	0.02	0.10	<0.5	5.54	3.1	30.9	8.17	6	8	
1906634	Drill Core	12.1	12.0	0.01	624	0.002	0.44	<0.01	0.05	<0.5	18.23	1.2	17.6	4.75	<5	4	
1906635	Drill Core	14.3	13.8	0.02	694	0.002	0.64	<0.01	0.09	<0.5	5.62	1.3	20.6	3.73	<5	4	
1906636	Drill Core	14.0	9.0	0.01	937	0.002	0.44	<0.01	0.08	<0.5	6.15	1.2	14.5	4.41	<5	7	
1906637	Drill Core	14.3	12.9	0.02	1018	0.003	0.46	<0.01	0.12	<0.5	5.58	1.4	24.3	4.54	<5	5	
1906638	Drill Core	17.8	14.0	0.02	1130	0.003	0.45	<0.01	0.15	<0.5	3.86	1.3	11.4	3.63	<5	5	
1906639	Drill Core	19.0	15.2	0.02	1121	0.003	0.49	<0.01	0.19	<0.5	0.40	1.9	1.7	4.09	<5	6	
1906640	Rock	6.0	4.4	0.65	69	0.112	1.16	0.08	0.14	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2	
1906641	Drill Core	14.3	12.7	0.02	485	0.003	0.46	<0.01	0.18	<0.5	0.33	1.5	1.5	7.94	<5	10	

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: September 14, 2017

QUALITY CONTROL REPORT WHI17000593.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906600	Rock Pulp	0.03	2.8	307.2	>40000	105308	99.0	21.0	23.2	1393	7.63	138	1.4	5.8	19	316.4	185.1	0.6	<10	3.80	0.039
REP 1906600	QC																				
1906619	Drill Core	3.52	12.6	62.6	8819.7	124904	1.3	51.4	12.9	245	7.35	196	1.7	3.1	29	40.8	10.5	<0.5	341	0.10	0.051
REP 1906619	QC		13.2	64.3	8821.3	126234	1.5	53.4	12.9	242	7.40	200	1.8	3.1	30	42.3	10.9	<0.5	347	0.13	0.050
Reference Materials																					
STD GBM398-4-AR	Standard		930.0	3999.5	12100.2	5370	49.8	4022.9	1951.0	5558	4.10	6	0.8	0.9	15	9.1	7.8	13.7	23	0.35	0.020
STD GBM398-4-AR	Standard		905.9	3932.5	11895.1	5283	50.0	4165.5	1921.8	5168	3.90	6	0.8	0.9	15	8.5	8.0	13.6	19	0.31	0.018
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.1	10713.1	243.1	733	4.1	28.1	27.5	1236	8.18	10	1.9	12.9	15	1.1	1.6	70.8	35	0.27	0.052
STD OREAS927-AR	Standard		1.1	10865.2	240.5	753	4.4	30.3	29.2	1218	8.18	12	1.9	12.0	15	1.1	1.4	79.2	34	0.28	0.054
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	1.9	8	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.6	3.0	3.2	45	<0.5	1.0	3.4	633	1.95	<5	<0.5	2.4	23	<0.5	<0.5	<0.5	22	0.59	0.036
ROCK-WHI	Prep Blank		1.0	3.5	2.3	38	<0.5	0.6	3.4	623	1.95	<5	<0.5	2.7	25	<0.5	<0.5	<0.5	23	0.58	0.036

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 14, 2017

QUALITY CONTROL REPORT WHI17000593.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
Pulp Duplicates																	
1906600	Rock Pulp	17.9	10.7	2.08	83	0.011	0.70	<0.01	0.42	<0.5	5.11	2.6	43.2	10.71	<5	<2	4.92
REP 1906600	QC																4.90
1906619	Drill Core	6.8	51.5	<0.01	166	0.086	0.38	<0.01	<0.01	<0.5	43.33	1.5	6.7	13.02	9	13	
REP 1906619	QC	7.2	53.2	<0.01	155	0.087	0.39	<0.01	<0.01	<0.5	44.90	1.4	7.0	13.08	9	13	
Reference Materials																	
STD GBM398-4-AR	Standard	2.8	1924.2	0.12	21	0.109	0.47	0.25	0.13	3.3	2.92	1.6	<0.5	0.95	<5	3	
STD GBM398-4-AR	Standard	2.9	1865.5	0.13	20	0.109	0.46	0.25	0.12	3.0	3.36	1.8	<0.5	0.93	<5	3	
STD OREAS132A	Standard																3.65
STD OREAS134B	Standard																13.33
STD OREAS927-AR	Standard	27.6	39.0	1.93	42	0.074	3.24	<0.01	0.30	4.8	0.21	3.9	<0.5	1.75	8	15	
STD OREAS927-AR	Standard	28.6	39.9	1.93	47	0.081	3.24	<0.01	0.26	5.1	0.11	4.5	<0.5	1.78	8	15	
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3	
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5	
STD OREAS132A Expected																	3.66
STD OREAS134B Expected																	13.36
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	
BLK	Blank																<0.01
Prep Wash																	
ROCK-WHI	Prep Blank	6.3	2.0	0.50	57	0.083	0.86	0.08	0.11	<0.5	0.05	2.5	<0.5	<0.05	<5	<2	
ROCK-WHI	Prep Blank	6.4	1.9	0.47	55	0.088	0.85	0.09	0.12	<0.5	<0.05	2.9	<0.5	<0.05	<5	<2	

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 15, 2017
Report Date: October 25, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000593.2

CLIENT JOB INFORMATION

Project: FWZ17-01
Shipment ID: FWZ17-01011
P.O. Number
Number of Samples: 54

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	51	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	2	Sort, label and box pulps			WHI
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
PULSW	1	Extra Wash with Silica between each sample			VAN
SPTPL	52	Splitting of pulp samples for client			VAN
AQ270	54	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	53	Per sample shipping charges for branch shipments			VAN
MA404	16	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : MA404 for extra 15 samples included.

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 25, 2017

CERTIFICATE OF ANALYSIS WHI17000593.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906589	Drill Core	2.99	15.5	47.3	78.1	150	0.6	60.1	6.8	88	2.32	26	1.7	5.0	34	0.9	5.0	<0.5	51	0.18	0.083
1906590	Drill Core	2.41	16.8	51.6	78.1	159	0.6	60.2	6.7	90	2.05	24	1.9	5.5	34	1.2	4.9	<0.5	59	0.19	0.094
1906591	Drill Core	3.91	3.0	33.5	69.9	985	<0.5	35.9	5.6	381	2.74	22	0.8	3.5	130	0.7	2.3	<0.5	47	1.55	0.052
1906592	Drill Core	3.40	4.3	37.3	126.2	460	<0.5	42.3	7.5	88	1.61	25	0.7	7.0	14	<0.5	2.4	<0.5	28	0.10	0.039
1906593	Drill Core	3.70	3.4	43.0	372.3	682	<0.5	42.5	7.1	402	2.50	25	0.7	4.9	146	1.1	2.4	<0.5	49	2.00	0.059
1906594	Drill Core	3.56	3.3	45.2	399.6	1757	<0.5	42.0	8.2	397	2.85	30	0.6	4.5	154	3.1	2.8	<0.5	45	1.94	0.051
1906595	Drill Core	3.10	2.9	57.3	1342.0	6666	0.9	45.7	10.3	1112	4.74	47	0.6	3.6	375	13.9	4.7	<0.5	80	5.30	0.044
1906596	Drill Core	4.39	3.0	41.9	865.6	5332	0.5	38.3	9.0	716	3.81	42	0.7	4.2	277	9.9	3.5	<0.5	56	3.20	0.045
1906597	Drill Core	0.96	11.8	229.0	17118.5	105772	5.3	155.1	84.2	1343	18.08	327	1.2	2.1	16	217.2	27.2	<0.5	36	0.12	0.035
1906598	Drill Core	3.72	5.7	104.7	13023.5	94239	2.5	54.2	37.0	724	13.59	300	1.0	1.9	25	217.8	7.7	<0.5	49	0.09	0.026
1906599	Drill Core	2.37	8.4	92.9	23715.7	117867	3.5	44.9	24.0	174	11.16	301	1.4	1.7	19	252.9	7.2	<0.5	105	0.06	0.028
1906600	Rock Pulp	0.03	2.8	307.2	>40000	105308	99.0	21.0	23.2	1393	7.63	138	1.4	5.8	19	316.4	185.1	0.6	<10	3.80	0.039
1906601	Drill Core	1.45	3.6	44.8	17779.8	99097	1.6	32.6	26.1	129	4.92	295	0.6	0.8	9	183.2	4.9	<0.5	<10	0.02	0.006
1906602	Drill Core	1.07	5.9	48.1	16944.6	105353	2.0	50.2	18.6	197	10.66	393	1.2	1.4	18	205.6	5.1	<0.5	19	0.03	0.010
1906603	Rock	0.53	0.9	10.5	40.8	205	<0.5	2.8	5.0	810	2.46	<5	<0.5	2.1	30	<0.5	<0.5	<0.5	38	0.92	0.037
1906604	Drill Core	2.72	6.5	71.0	26268.8	101673	3.0	44.8	32.0	72	10.88	293	0.6	1.3	18	228.4	6.9	<0.5	118	0.07	0.026
1906605	Drill Core	3.99	3.8	44.5	1504.0	14006	0.5	73.9	11.3	303	4.62	59	1.1	4.6	56	21.5	3.1	<0.5	82	0.16	0.066
1906606	Drill Core	3.02	3.9	57.3	209.5	3568	0.6	100.6	15.5	930	6.75	66	1.3	5.9	35	1.6	4.8	<0.5	101	0.13	0.061
1906607	Drill Core	3.26	4.4	43.4	297.6	5556	<0.5	88.3	10.7	375	4.02	38	1.5	6.6	63	2.9	3.0	<0.5	190	0.16	0.072
1906608	Drill Core	3.33	3.7	32.7	126.9	4161	<0.5	68.1	9.7	254	4.25	39	1.3	6.0	52	2.7	2.7	<0.5	122	0.15	0.076
1906609	Drill Core	1.77	3.3	33.4	163.3	3518	<0.5	83.6	9.3	231	3.69	37	1.1	5.1	55	2.2	2.4	<0.5	123	0.12	0.057
1906610	Drill Core	1.68	3.4	33.7	154.9	4171	<0.5	91.4	8.0	252	3.82	34	1.1	4.9	75	2.1	2.5	<0.5	120	0.13	0.057
1906611	Drill Core	2.83	7.1	113.1	2892.5	29206	0.9	111.1	18.0	237	8.47	115	1.3	4.1	64	62.5	7.5	<0.5	97	0.09	0.050
1906612	Drill Core	2.49	8.0	116.6	18000.5	92129	2.2	73.5	30.3	122	9.54	291	1.1	1.5	13	189.8	10.5	<0.5	50	0.03	0.012
1906613	Drill Core	5.20	6.3	37.4	19527.3	89019	1.1	28.1	19.0	99	10.97	158	0.6	2.1	14	221.6	5.5	<0.5	87	0.02	0.011
1906614	Drill Core	5.14	7.6	38.5	24842.4	119716	0.8	22.7	18.6	83	5.52	46	1.7	3.2	9	191.7	10.4	<0.5	131	0.03	0.015
1906615	Drill Core	2.24	8.2	64.1	21516.7	167217	1.2	60.3	12.4	127	9.79	290	5.2	5.6	19	57.3	16.5	<0.5	404	0.12	0.051
1906616	Drill Core	6.07	14.9	58.9	20617.8	113972	0.9	38.8	11.0	126	7.71	77	2.1	5.4	29	22.7	16.0	<0.5	377	0.12	0.059
1906617	Drill Core	2.41	9.6	51.2	33353.8	119402	0.9	25.1	6.9	198	9.49	152	1.8	3.0	12	32.6	18.9	<0.5	95	0.04	0.021
1906618	Drill Core	1.61	7.4	33.1	17640.9	30311	0.6	16.9	4.1	126	10.11	128	1.5	2.0	8	9.5	14.3	<0.5	62	0.03	0.010

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 25, 2017

CERTIFICATE OF ANALYSIS WHI17000593.2

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906589	Drill Core	18.8	8.7	0.02	732	0.002	0.42	<0.01	0.18	<0.5	0.20	1.5	0.7	2.33	<5	4		
1906590	Drill Core	21.4	10.4	0.02	882	0.003	0.49	<0.01	0.21	<0.5	0.19	1.5	0.7	2.01	<5	5		
1906591	Drill Core	11.7	10.0	0.62	963	0.003	0.37	<0.01	0.14	<0.5	0.11	2.3	<0.5	1.86	<5	3		
1906592	Drill Core	22.9	8.6	0.03	947	0.003	0.60	<0.01	0.14	<0.5	0.16	1.3	0.5	1.35	<5	3		
1906593	Drill Core	15.6	10.8	0.84	1837	0.002	0.54	<0.01	0.10	<0.5	0.25	3.0	0.5	1.80	<5	4		
1906594	Drill Core	13.5	11.7	0.83	1386	0.002	0.67	<0.01	0.10	<0.5	0.47	2.7	0.7	2.16	<5	3		
1906595	Drill Core	6.9	16.3	2.35	557	0.002	1.00	0.01	0.11	<0.5	1.75	4.7	1.4	3.27	<5	6		
1906596	Drill Core	11.5	15.5	1.41	1083	0.002	2.00	0.02	0.16	<0.5	1.31	2.7	1.8	2.02	<5	3		
1906597	Drill Core	3.2	10.7	0.04	67	0.001	0.45	<0.01	0.03	<0.5	25.93	2.3	10.3	21.36	<5	24	1.64	10.27
1906598	Drill Core	4.1	14.9	0.02	75	0.004	0.31	<0.01	<0.01	<0.5	21.37	2.1	9.1	17.21	<5	8	1.26	8.99
1906599	Drill Core	3.7	32.1	<0.01	134	0.028	0.20	<0.01	<0.01	1.9	35.14	0.8	4.5	17.48	<5	5	2.24	11.51
1906600	Rock Pulp	17.9	10.7	2.08	83	0.011	0.70	<0.01	0.42	<0.5	5.11	2.6	43.2	10.71	<5	<2	4.90	10.95
1906601	Drill Core	2.6	7.0	<0.01	243	0.002	0.11	<0.01	<0.01	0.5	31.29	<0.5	2.7	9.69	<5	3	1.80	10.18
1906602	Drill Core	2.0	11.2	0.01	193	0.004	0.17	<0.01	<0.01	1.0	31.68	0.6	2.5	16.17	<5	4	1.61	10.06
1906603	Rock	5.9	3.6	0.62	70	0.114	1.23	0.11	0.13	<0.5	0.24	4.1	<0.5	0.05	<5	<2		
1906604	Drill Core	3.0	16.9	<0.01	138	0.029	0.19	<0.01	<0.01	<0.5	33.13	0.9	7.5	16.86	<5	9	2.51	9.75
1906605	Drill Core	12.4	25.1	0.02	395	0.020	2.05	<0.01	0.02	<0.5	3.94	3.2	1.6	4.16	<5	3		
1906606	Drill Core	12.1	29.4	0.02	236	0.021	0.95	<0.01	<0.01	<0.5	0.92	2.7	1.0	6.88	<5	6		
1906607	Drill Core	18.0	38.8	0.02	561	0.050	1.48	<0.01	0.01	<0.5	0.82	2.6	<0.5	3.22	<5	3		
1906608	Drill Core	16.1	29.7	0.01	499	0.030	0.95	<0.01	<0.01	<0.5	0.66	1.6	<0.5	3.97	<5	3		
1906609	Drill Core	16.5	28.6	0.02	644	0.031	1.51	<0.01	0.01	<0.5	0.60	1.8	<0.5	2.96	<5	3		
1906610	Drill Core	14.9	26.6	0.02	496	0.030	1.43	<0.01	0.01	<0.5	0.52	1.7	<0.5	3.14	<5	2		
1906611	Drill Core	13.2	27.6	0.01	125	0.026	1.16	<0.01	<0.01	<0.5	7.33	1.6	2.8	9.78	<5	2		
1906612	Drill Core	2.8	18.4	<0.01	188	0.016	0.32	<0.01	<0.01	<0.5	27.61	0.6	4.5	14.69	<5	5	1.76	9.19
1906613	Drill Core	3.7	25.3	<0.01	145	0.028	0.16	<0.01	<0.01	<0.5	13.74	0.5	5.9	16.21	<5	3	1.87	8.86
1906614	Drill Core	3.9	34.8	<0.01	258	0.040	0.18	<0.01	<0.01	4.1	0.32	<0.5	13.6	11.93	<5	5	2.39	12.07
1906615	Drill Core	10.1	57.0	<0.01	88	0.100	0.22	<0.01	<0.01	0.6	0.48	0.8	27.7	18.41	6	11	2.07	16.62
1906616	Drill Core	7.8	73.3	<0.01	146	0.110	0.33	<0.01	<0.01	1.9	1.02	0.6	34.3	13.93	6	11	1.97	11.20
1906617	Drill Core	3.6	28.5	<0.01	120	0.028	0.17	<0.01	<0.01	0.7	1.87	0.5	37.5	15.95	<5	10	3.20	11.90
1906618	Drill Core	2.5	16.1	<0.01	200	0.017	0.13	<0.01	<0.01	<0.5	3.61	0.7	17.4	12.38	<5	9		

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 25, 2017

CERTIFICATE OF ANALYSIS WHI17000593.2

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906619	Drill Core	3.52	12.6	62.6	8819.7	124904	1.3	51.4	12.9	245	7.35	196	1.7	3.1	29	40.8	10.5	<0.5	341	0.10	0.051
1906620	Rock Pulp	0.07	2.4	212.6	17482.9	29313	33.8	25.3	18.4	1940	5.28	82	1.8	8.0	25	93.0	53.4	<0.5	<10	4.87	0.056
1906621	Drill Core	3.81	13.2	78.6	9399.7	130788	1.8	61.1	9.2	147	7.68	221	1.9	3.8	46	39.7	12.9	<0.5	550	0.16	0.083
1906622	Drill Core	1.81	16.8	62.4	985.6	10790	0.7	73.2	8.3	147	5.61	136	3.6	5.8	152	4.5	9.6	<0.5	778	0.78	0.343
1906623	Drill Core	2.99	16.5	84.7	840.4	20031	0.9	85.2	8.7	159	7.85	147	2.3	5.0	90	7.3	11.7	<0.5	691	0.41	0.187
1906624	Drill Core	2.15	14.8	60.9	551.8	18397	0.7	73.5	7.6	86	5.27	114	2.0	4.6	92	6.9	8.9	<0.5	627	0.52	0.225
1906625	Drill Core	2.69	16.7	59.6	1764.2	57375	1.2	81.3	13.9	105	9.58	161	1.4	4.2	47	19.7	11.7	<0.5	479	0.16	0.070
1906626	Drill Core	2.87	13.8	49.0	585.7	45685	1.8	58.8	8.0	101	4.66	96	1.5	4.1	60	17.2	7.0	<0.5	223	0.17	0.083
1906627	Drill Core	0.88	6.0	50.5	858.4	76756	1.0	34.3	6.0	75	2.99	54	1.3	2.1	100	39.1	3.7	<0.5	125	0.12	0.061
1906627-PW	Silica		<0.5	9.5	26.1	22	<0.5	0.8	<0.5	44	0.45	<5	<0.5	2.4	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
1906628	Drill Core	2.69	12.6	56.4	425.2	28320	1.3	55.4	8.0	68	3.66	71	1.4	3.4	80	16.1	6.8	<0.5	80	0.19	0.092
1906629	Drill Core	1.93	12.8	55.2	455.7	6086	1.5	57.7	8.2	70	5.45	112	1.5	3.1	96	2.3	7.9	<0.5	81	0.17	0.084
1906630	Drill Core	1.91	13.0	58.1	472.0	5482	1.6	55.3	7.4	60	5.43	117	1.3	3.0	98	2.3	8.5	<0.5	71	0.18	0.083
1906631	Rock	0.52	0.9	5.4	5.0	58	<0.5	1.4	4.0	643	2.16	<5	<0.5	2.2	24	<0.5	<0.5	<0.5	26	0.73	0.042
1906632	Drill Core	4.15	13.4	57.6	468.9	8585	1.5	64.4	6.7	83	3.95	76	1.3	3.9	178	3.5	8.0	<0.5	116	0.22	0.101
1906633	Drill Core	1.55	12.2	64.3	1758.5	10270	2.0	72.0	7.8	58	8.08	841	1.2	1.9	157	5.6	9.3	<0.5	125	0.16	0.078
1906634	Drill Core	1.66	12.9	52.4	539.4	37715	1.3	57.4	9.7	42	3.08	64	1.1	3.6	33	19.2	7.2	<0.5	53	0.13	0.062
1906635	Drill Core	3.20	14.2	57.7	494.9	11009	1.5	63.3	6.3	38	3.25	54	1.4	3.9	95	6.4	8.5	<0.5	63	0.22	0.103
1906636	Drill Core	3.66	16.4	67.0	743.6	13408	1.8	64.7	6.1	21	3.56	57	1.3	3.4	53	9.3	9.5	<0.5	43	0.27	0.115
1906637	Drill Core	3.66	17.1	75.8	658.4	12021	1.9	59.5	5.9	44	3.97	58	1.4	3.3	40	9.3	10.7	<0.5	65	0.22	0.103
1906638	Drill Core	4.00	17.5	66.2	341.3	8419	1.3	65.8	5.6	37	3.19	41	1.6	3.9	45	10.4	9.0	<0.5	75	0.24	0.110
1906639	Drill Core	4.80	14.0	60.0	87.9	31	0.8	58.6	6.0	45	4.02	31	1.5	4.4	55	3.6	8.0	<0.5	81	0.22	0.109
1906640	Rock	0.53	1.2	7.0	2.1	54	<0.5	3.5	5.2	790	2.52	<5	0.5	1.9	27	<0.5	<0.5	<0.5	37	0.88	0.044
1906641	Drill Core	4.99	11.4	85.7	164.6	25	1.0	51.7	5.3	61	7.51	32	1.7	3.6	54	3.9	8.1	<0.5	68	0.25	0.125

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Project: FWZ17-01
Report Date: October 25, 2017

CERTIFICATE OF ANALYSIS WHI17000593.2

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906619	Drill Core	6.8	51.5	<0.01	166	0.086	0.38	<0.01	<0.01	<0.5	43.33	1.5	6.7	13.02	9	13		12.17
1906620	Rock Pulp	27.4	13.2	2.74	125	0.018	0.95	0.01	0.68	0.6	1.70	2.9	26.4	4.60	<5	<2		
1906621	Drill Core	11.0	73.8	<0.01	95	0.140	0.69	<0.01	<0.01	0.8	59.67	0.9	25.6	14.26	6	12		12.95
1906622	Drill Core	21.1	113.8	0.01	287	0.205	1.01	<0.01	<0.01	0.8	9.09	1.5	18.4	5.88	<5	4		
1906623	Drill Core	16.5	98.1	0.01	166	0.178	1.37	<0.01	0.01	0.7	18.59	1.6	33.4	8.88	<5	7		
1906624	Drill Core	17.3	91.9	<0.01	258	0.166	1.72	<0.01	0.01	0.7	16.86	2.0	23.5	5.53	<5	5		
1906625	Drill Core	12.3	66.8	<0.01	116	0.122	1.04	<0.01	<0.01	1.0	47.38	1.6	28.9	12.79	<5	7		
1906626	Drill Core	14.2	42.2	<0.01	292	0.060	2.57	<0.01	0.02	<0.5	33.89	2.9	56.4	5.39	6	3		
1906627	Drill Core	5.4	19.0	<0.01	236	0.035	0.43	<0.01	<0.01	<0.5	55.83	0.6	15.2	6.27	<5	3		7.70
1906627-PW	Silica	5.8	1.8	<0.01	6	0.001	0.05	<0.01	0.03	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
1906628	Drill Core	11.9	21.2	<0.01	553	0.018	2.34	<0.01	0.04	<0.5	14.11	2.4	43.8	3.77	6	3		
1906629	Drill Core	12.1	19.4	<0.01	461	0.015	3.37	0.02	0.07	<0.5	4.14	4.2	62.1	3.92	9	3		
1906630	Drill Core	10.3	16.8	<0.01	555	0.013	3.49	0.02	0.07	<0.5	3.74	3.4	65.8	3.88	10	4		
1906631	Rock	6.2	2.1	0.49	216	0.099	0.95	0.08	0.12	<0.5	<0.05	3.5	<0.5	<0.05	<5	<2		
1906632	Drill Core	13.6	29.3	<0.01	966	0.010	3.39	0.02	0.11	<0.5	4.62	3.7	46.5	2.44	9	3		
1906633	Drill Core	7.5	27.5	<0.01	215	0.004	2.30	0.02	0.10	<0.5	5.54	3.1	30.9	8.17	6	8		
1906634	Drill Core	12.1	12.0	0.01	624	0.002	0.44	<0.01	0.05	<0.5	18.23	1.2	17.6	4.75	<5	4		
1906635	Drill Core	14.3	13.8	0.02	694	0.002	0.64	<0.01	0.09	<0.5	5.62	1.3	20.6	3.73	<5	4		
1906636	Drill Core	14.0	9.0	0.01	937	0.002	0.44	<0.01	0.08	<0.5	6.15	1.2	14.5	4.41	<5	7		
1906637	Drill Core	14.3	12.9	0.02	1018	0.003	0.46	<0.01	0.12	<0.5	5.58	1.4	24.3	4.54	<5	5		
1906638	Drill Core	17.8	14.0	0.02	1130	0.003	0.45	<0.01	0.15	<0.5	3.86	1.3	11.4	3.63	<5	5		
1906639	Drill Core	19.0	15.2	0.02	1121	0.003	0.49	<0.01	0.19	<0.5	0.40	1.9	1.7	4.09	<5	6		
1906640	Rock	6.0	4.4	0.65	69	0.112	1.16	0.08	0.14	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2		
1906641	Drill Core	14.3	12.7	0.02	485	0.003	0.46	<0.01	0.18	<0.5	0.33	1.5	1.5	7.94	<5	10		

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 25, 2017

QUALITY CONTROL REPORT WHI17000593.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906601	Drill Core	1.45	3.6	44.8	17779.8	99097	1.6	32.6	26.1	129	4.92	295	0.6	0.8	9	183.2	4.9	<0.5	<10	0.02	0.006
REP 1906601	QC																				
1906619	Drill Core	3.52	12.6	62.6	8819.7	124904	1.3	51.4	12.9	245	7.35	196	1.7	3.1	29	40.8	10.5	<0.5	341	0.10	0.051
REP 1906619	QC		13.2	64.3	8821.3	126234	1.5	53.4	12.9	242	7.40	200	1.8	3.1	30	42.3	10.9	<0.5	347	0.13	0.050
Reference Materials																					
STD GBM398-4-AR	Standard		930.0	3999.5	12100.2	5370	49.8	4022.9	1951.0	5558	4.10	6	0.8	0.9	15	9.1	7.8	13.7	23	0.35	0.020
STD GBM398-4-AR	Standard		905.9	3932.5	11895.1	5283	50.0	4165.5	1921.8	5168	3.90	6	0.8	0.9	15	8.5	8.0	13.6	19	0.31	0.018
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.1	10713.1	243.1	733	4.1	28.1	27.5	1236	8.18	10	1.9	12.9	15	1.1	1.6	70.8	35	0.27	0.052
STD OREAS927-AR	Standard		1.1	10865.2	240.5	753	4.4	30.3	29.2	1218	8.18	12	1.9	12.0	15	1.1	1.4	79.2	34	0.28	0.054
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	1.9	8	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 25, 2017

QUALITY CONTROL REPORT WHI17000593.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270		MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
Pulp Duplicates																		
1906601	Drill Core	2.6	7.0	<0.01	243	0.002	0.11	<0.01	<0.01	0.5	31.29	<0.5	2.7	9.69	<5	3	1.80	10.18
REP 1906601	QC																1.79	9.97
1906619	Drill Core	6.8	51.5	<0.01	166	0.086	0.38	<0.01	<0.01	<0.5	43.33	1.5	6.7	13.02	9	13		12.17
REP 1906619	QC	7.2	53.2	<0.01	155	0.087	0.39	<0.01	<0.01	<0.5	44.90	1.4	7.0	13.08	9	13		12.59
Reference Materials																		
STD GBM398-4-AR	Standard	2.8	1924.2	0.12	21	0.109	0.47	0.25	0.13	3.3	2.92	1.6	<0.5	0.95	<5	3		
STD GBM398-4-AR	Standard	2.9	1865.5	0.13	20	0.109	0.46	0.25	0.12	3.0	3.36	1.8	<0.5	0.93	<5	3		
STD OREAS132A	Standard																3.65	
STD OREAS134B	Standard																13.33	
STD OREAS132A	Standard																3.63	4.83
STD OREAS134B	Standard																13.50	17.77
STD OREAS132A	Standard																3.67	4.96
STD OREAS134B	Standard																13.74	17.49
STD OREAS132A	Standard																3.63	4.94
STD OREAS134B	Standard																13.07	18.10
STD OREAS927-AR	Standard	27.6	39.0	1.93	42	0.074	3.24	<0.01	0.30	4.8	0.21	3.9	<0.5	1.75	8	15		
STD OREAS927-AR	Standard	28.6	39.9	1.93	47	0.081	3.24	<0.01	0.26	5.1	0.11	4.5	<0.5	1.78	8	15		
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD OREAS132A Expected																	3.66	4.96
STD OREAS134B Expected																	13.36	18.03
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank																<0.01	
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
Prep Wash																		

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: October 25, 2017

QUALITY CONTROL REPORT WHI17000593.2

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
ROCK-WHI	Prep Blank		0.6	3.0	3.2	45	<0.5	1.0	3.4	633	1.95	<5	<0.5	2.4	23	<0.5	<0.5	<0.5	22	0.59	0.036
ROCK-WHI	Prep Blank		1.0	3.5	2.3	38	<0.5	0.6	3.4	623	1.95	<5	<0.5	2.7	25	<0.5	<0.5	<0.5	23	0.58	0.036

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QUALITY CONTROL REPORT WHI17000593.2

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Tl ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	Pb % 0.01	MA404 Zn % 0.01
ROCK-WHI	Prep Blank	6.3	2.0	0.50	57	0.083	0.86	0.08	0.11	<0.5	0.05	2.5	<0.5	<0.05	<5	<2		
ROCK-WHI	Prep Blank	6.4	1.9	0.47	55	0.088	0.85	0.09	0.12	<0.5	<0.05	2.9	<0.5	<0.05	<5	<2		

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 21, 2017
Report Date: September 18, 2017
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI17000644.1

CLIENT JOB INFORMATION

Project: FWZ17-01
Shipment ID: FWZ17-01012
P.O. Number
Number of Samples: 66

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	63	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	2	Sort, label and box pulps			WHI
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
PULSW	1	Extra Wash with Silica between each sample			VAN
SPTPL	66	Splitting of pulp samples for client			VAN
AQ270	66	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	65	Per sample shipping charges for branch shipments			VAN
MA404	1	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000644.1

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906642	Drill Core	2.30	18.5	138.0	229.7	101	2.4	149.2	10.6	67	8.53	184	1.1	4.0	36	<0.5	24.3	<0.5	43	0.19	0.083
1906643	Drill Core	2.48	5.0	115.4	42.3	241	0.7	50.6	10.9	447	3.09	24	1.1	6.5	51	1.1	7.3	<0.5	49	0.18	0.103
1906644	Drill Core	5.65	5.9	101.8	68.7	429	0.7	54.2	12.1	1165	4.93	15	0.9	7.2	32	0.6	4.9	<0.5	69	0.19	0.062
1906645	Drill Core	5.32	5.7	122.2	93.3	300	0.9	88.6	12.4	399	5.49	29	1.2	6.6	48	<0.5	6.4	<0.5	41	0.23	0.096
1906646	Drill Core	4.50	5.2	64.0	49.9	223	0.7	49.0	8.8	459	2.21	21	1.2	7.1	38	<0.5	5.0	<0.5	41	0.17	0.073
1906647	Drill Core	5.81	4.9	87.4	48.9	4510	0.7	59.4	12.8	648	2.78	22	1.0	7.5	35	<0.5	5.2	<0.5	38	0.16	0.066
1906648	Drill Core	5.03	4.4	73.1	52.8	162	0.6	65.7	11.8	121	3.52	25	1.0	7.3	45	<0.5	8.4	<0.5	25	0.16	0.079
1906649	Drill Core	1.51	4.7	96.0	43.3	306	0.5	42.1	10.5	142	2.23	22	1.1	7.1	42	<0.5	3.6	<0.5	39	0.20	0.090
1906650	Drill Core	1.59	4.3	141.1	92.3	216	0.6	62.5	11.9	113	5.95	27	1.0	6.0	42	0.6	4.2	<0.5	40	0.20	0.093
1906651	Drill Core	5.20	5.0	73.1	37.7	462	0.5	50.0	11.9	384	1.88	24	0.9	6.7	29	<0.5	4.6	<0.5	31	0.13	0.060
1906652	Drill Core	3.72	4.9	76.8	36.4	437	0.6	47.6	11.0	429	2.11	24	0.8	6.7	27	<0.5	4.7	<0.5	23	0.17	0.064
1906653	Drill Core	4.06	4.2	78.3	64.9	517	<0.5	56.5	10.3	360	5.04	23	1.0	5.9	36	<0.5	4.4	<0.5	40	0.16	0.069
1906654	Drill Core	6.48	4.0	54.0	51.0	310	0.6	56.3	11.9	37	6.37	37	3.4	5.0	34	<0.5	8.5	<0.5	47	0.08	0.089
1906655	Drill Core	3.76	5.2	48.4	69.6	295	0.7	49.9	11.7	31	4.19	28	2.2	6.2	20	<0.5	9.8	<0.5	47	0.05	0.059
1906656	Drill Core	4.14	5.4	76.0	42.9	627	0.6	46.9	10.4	23	2.34	25	2.1	6.9	20	1.2	8.8	<0.5	39	0.05	0.062
1906657	Drill Core	3.35	5.2	59.4	51.0	533	0.6	62.3	11.0	28	2.87	27	1.8	6.4	22	1.1	9.2	<0.5	39	0.05	0.057
1906658	Drill Core	3.64	6.1	45.0	51.0	989	0.6	52.5	10.9	37	3.08	27	2.0	6.0	18	2.0	10.6	<0.5	45	0.04	0.053
1906659	Drill Core	4.16	6.6	55.3	72.6	1671	0.9	80.6	13.6	66	4.33	38	2.4	5.3	18	4.0	15.8	<0.5	42	0.05	0.059
1906660	Rock Pulp	0.03	4.3	495.0	36413.1	49605	56.9	19.1	48.0	2239	7.32	149	1.5	6.2	25	171.7	46.7	<0.5	12	4.85	0.057
1906661	Drill Core	3.98	8.7	72.8	74.6	2084	0.8	84.5	12.9	68	3.98	40	2.0	5.4	26	3.9	22.5	<0.5	42	0.03	0.051
1906662	Drill Core	3.55	6.4	62.3	80.1	940	0.7	73.5	13.0	53	4.97	59	1.9	5.2	52	1.5	19.8	<0.5	46	0.02	0.033
1906663	Drill Core	4.11	5.5	76.0	129.4	1344	0.6	65.1	12.6	56	9.70	113	3.3	4.4	69	0.7	22.1	<0.5	125	0.03	0.033
1906664	Drill Core	3.01	8.3	40.3	417.4	2164	0.6	66.5	14.4	58	5.54	63	5.0	3.6	28	3.3	17.3	<0.5	170	<0.01	0.027
1906665	Rock	0.52	0.9	11.8	4.1	48	<0.5	2.1	5.6	687	2.43	<5	<0.5	1.7	36	<0.5	<0.5	<0.5	42	0.95	0.039
1906666	Drill Core	3.29	6.1	99.9	39214.3	108923	3.9	38.7	53.3	71	7.26	306	3.4	1.2	11	237.0	40.1	<0.5	65	0.01	0.060
1906667	Drill Core	4.98	10.2	91.0	32484.1	97695	3.7	53.3	57.5	59	5.82	273	1.6	1.2	10	216.3	44.2	<0.5	94	0.02	0.020
1906667-PW	Silica		<0.5	1.6	1.3	<5	<0.5	1.0	<0.5	66	0.65	<5	<0.5	2.0	<5	<0.5	<0.5	<0.5	<10	0.01	0.002
1906668	Rock	0.52	1.1	9.5	57.4	206	<0.5	1.6	5.2	656	2.31	<5	<0.5	2.0	32	<0.5	<0.5	<0.5	37	0.84	0.043
1906669	Drill Core	2.94	22.7	50.3	1265.9	7033	0.7	105.1	13.7	112	2.98	113	3.4	4.8	35	13.7	24.7	<0.5	571	0.04	0.032
1906670	Drill Core	2.89	21.3	47.7	493.2	3413	<0.5	97.8	12.7	100	2.53	88	3.4	5.0	35	5.6	24.6	<0.5	510	0.04	0.030

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000644.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1906642	Drill Core	11.0	8.0	<0.01	474	0.002	0.32	<0.01	0.14	<0.5	0.41	0.8	0.8	9.48	<5	18	
1906643	Drill Core	22.7	14.1	0.24	854	0.002	0.57	<0.01	0.22	<0.5	0.16	4.1	0.5	1.52	<5	3	
1906644	Drill Core	24.2	11.1	0.55	820	0.002	0.42	<0.01	0.19	<0.5	0.13	3.8	<0.5	1.37	<5	7	
1906645	Drill Core	18.2	8.9	0.02	641	0.003	0.49	<0.01	0.20	<0.5	0.21	2.2	0.6	5.85	<5	10	
1906646	Drill Core	27.7	10.0	0.02	890	0.003	0.47	<0.01	0.19	<0.5	0.19	2.4	0.5	2.02	<5	3	
1906647	Drill Core	27.6	10.7	0.02	1061	0.003	0.49	<0.01	0.21	<0.5	0.17	3.1	0.6	1.88	<5	3	
1906648	Drill Core	22.2	6.0	0.01	622	0.002	0.36	<0.01	0.13	<0.5	0.27	1.6	0.8	3.95	<5	3	
1906649	Drill Core	28.2	9.2	0.02	1200	0.005	0.52	<0.01	0.22	<0.5	0.12	2.6	0.6	2.25	<5	3	
1906650	Drill Core	19.9	9.2	0.02	541	0.003	0.47	<0.01	0.19	<0.5	0.16	2.7	0.6	6.82	<5	6	
1906651	Drill Core	27.1	8.9	0.02	1200	0.003	0.49	<0.01	0.21	<0.5	0.19	1.5	0.7	1.61	<5	<2	
1906652	Drill Core	24.7	6.8	0.02	885	0.002	0.39	<0.01	0.15	<0.5	0.12	1.0	0.6	1.98	<5	3	
1906653	Drill Core	20.5	9.8	0.02	744	0.003	0.48	<0.01	0.17	<0.5	0.11	2.5	0.7	5.16	<5	4	
1906654	Drill Core	19.1	10.4	0.01	555	0.002	0.59	<0.01	0.17	<0.5	0.27	2.0	1.5	7.36	<5	4	
1906655	Drill Core	23.2	9.8	0.02	941	0.003	0.53	<0.01	0.17	<0.5	0.24	1.8	1.5	4.75	<5	3	
1906656	Drill Core	28.0	9.4	0.02	1287	0.003	0.55	<0.01	0.20	<0.5	0.30	1.8	1.5	2.52	<5	4	
1906657	Drill Core	24.9	9.2	0.02	1209	0.005	0.52	<0.01	0.17	<0.5	0.21	1.5	1.4	3.17	<5	5	
1906658	Drill Core	24.3	10.3	0.02	1226	0.003	0.58	<0.01	0.19	<0.5	0.38	1.4	1.8	3.35	<5	4	
1906659	Drill Core	19.9	9.6	0.02	825	0.003	0.51	<0.01	0.16	<0.5	0.59	2.1	1.9	4.89	<5	6	
1906660	Rock Pulp	21.2	15.1	2.62	244	0.018	0.98	0.01	0.64	0.5	0.84	3.2	43.9	7.75	<5	<2	
1906661	Drill Core	22.5	9.9	0.01	875	0.003	0.51	<0.01	0.16	<0.5	0.64	2.0	1.8	4.54	<5	5	
1906662	Drill Core	19.6	12.4	0.01	736	0.003	0.51	<0.01	0.15	<0.5	0.42	2.1	1.7	5.59	<5	4	
1906663	Drill Core	17.8	34.2	0.01	326	0.004	0.77	<0.01	0.08	<0.5	0.21	4.7	2.0	11.15	<5	5	
1906664	Drill Core	9.9	45.8	<0.01	402	0.032	0.62	<0.01	<0.01	2.2	0.93	2.0	2.4	6.38	<5	4	
1906665	Rock	6.3	3.3	0.61	81	0.114	1.17	0.10	0.11	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2	
1906666	Drill Core	3.2	20.4	<0.01	168	0.011	0.35	<0.01	<0.01	3.2	17.10	0.8	4.3	13.23	<5	8	
1906667	Drill Core	4.2	28.8	<0.01	163	0.028	0.33	<0.01	<0.01	0.6	17.93	<0.5	5.2	11.03	<5	9	
1906667-PW	Silica	6.0	3.3	<0.01	<5	0.002	0.05	<0.01	0.04	<0.5	<0.05	0.5	<0.5	<0.05	<5	<2	
1906668	Rock	6.4	3.2	0.61	63	0.119	1.21	0.11	0.12	<0.5	0.11	4.7	<0.5	<0.05	5	<2	
1906669	Drill Core	24.6	115.2	0.01	651	0.128	0.55	<0.01	0.01	0.8	1.50	1.5	2.0	3.43	<5	5	
1906670	Drill Core	23.4	101.8	0.01	901	0.108	0.55	<0.01	0.01	0.7	0.80	1.6	1.7	2.82	<5	5	

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000644.1

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906671	Drill Core	4.43	17.1	38.7	84.9	1314	<0.5	87.1	10.4	84	2.26	59	1.8	3.9	36	<0.5	21.2	<0.5	371	0.06	0.029
1906672	Drill Core	4.60	16.8	45.5	78.9	1778	<0.5	75.2	8.2	87	1.98	46	1.6	3.3	44	4.0	25.3	<0.5	367	0.07	0.063
1906673	Drill Core	3.35	14.0	71.8	88.5	1231	<0.5	72.5	9.8	79	2.67	75	1.9	3.9	17	2.2	35.4	<0.5	429	0.03	0.054
1906674	Drill Core	4.10	14.6	37.4	74.3	1785	<0.5	68.2	8.1	72	2.31	55	1.7	3.4	24	<0.5	19.8	<0.5	474	0.03	0.060
1906675	Drill Core	4.10	16.1	32.0	66.5	240	<0.5	81.5	7.5	86	1.84	35	1.4	3.5	41	<0.5	21.1	<0.5	385	0.13	0.083
1906676	Drill Core	4.61	18.4	33.7	61.9	1873	<0.5	85.2	8.2	92	2.06	42	1.6	4.1	57	4.5	20.9	<0.5	461	0.19	0.113
1906677	Drill Core	3.66	17.8	48.1	198.0	4129	<0.5	89.0	7.5	96	2.24	36	1.8	4.4	47	7.9	24.4	<0.5	480	0.23	0.120
1906678	Drill Core	3.92	17.1	41.1	86.9	2221	<0.5	80.2	8.4	141	2.21	36	1.3	3.7	29	<0.5	19.7	<0.5	276	0.16	0.084
1906679	Drill Core	3.58	18.7	46.1	75.9	1294	<0.5	78.0	8.6	115	2.29	35	1.3	4.3	28	<0.5	20.6	<0.5	334	0.16	0.072
1906680	Rock	0.52	0.8	5.7	6.3	49	<0.5	1.7	4.5	663	2.13	<5	<0.5	1.9	27	<0.5	<0.5	<0.5	29	0.81	0.045
1906681	Drill Core	3.62	13.3	46.8	81.9	1284	<0.5	66.2	7.2	116	2.16	32	1.4	3.9	24	<0.5	16.7	<0.5	264	0.23	0.105
1906682	Drill Core	4.24	19.8	50.2	78.3	1490	<0.5	82.8	8.9	117	2.43	40	1.5	4.8	36	<0.5	21.3	<0.5	381	0.18	0.093
1906683	Drill Core	3.59	13.5	67.2	195.1	2325	0.6	67.3	8.1	124	3.22	43	1.4	3.9	28	3.5	16.3	<0.5	214	0.21	0.090
1906684	Drill Core	4.56	16.1	54.6	101.2	246	0.5	75.3	9.0	69	2.59	46	1.5	4.5	32	<0.5	17.0	<0.5	160	0.22	0.106
1906685	Drill Core	4.86	23.1	56.1	107.4	204	0.5	84.0	9.3	64	2.62	54	1.7	3.9	35	<0.5	18.2	<0.5	133	0.24	0.111
1906686	Drill Core	3.35	21.8	50.5	86.9	74	<0.5	83.1	8.8	67	2.11	41	1.7	4.4	32	<0.5	18.8	<0.5	123	0.21	0.101
1906687	Drill Core	3.54	25.4	59.9	90.9	111	0.6	90.8	9.3	75	2.15	44	1.7	4.4	40	<0.5	21.9	<0.5	113	0.22	0.104
1906688	Drill Core	3.50	25.2	61.0	87.3	94	0.6	90.6	9.7	78	2.27	47	1.9	4.8	37	<0.5	23.1	<0.5	128	0.21	0.107
1906689	Drill Core	1.75	25.6	63.4	97.1	95	0.6	98.1	9.9	75	2.39	49	1.9	4.7	37	<0.5	24.3	<0.5	106	0.24	0.111
1906690	Drill Core	1.57	25.5	66.5	99.7	92	0.6	94.1	10.2	78	2.41	52	1.9	4.8	38	<0.5	25.0	<0.5	121	0.21	0.110
1906691	Drill Core	1.70	23.3	88.5	159.1	824	0.6	94.3	10.5	69	2.47	50	2.1	4.3	36	2.1	22.0	<0.5	102	0.19	0.093
1906692	Drill Core	1.85	21.1	134.2	257.8	615	0.7	84.5	8.4	70	2.60	47	1.9	3.6	31	1.3	20.0	<0.5	96	0.15	0.089
1906693	Drill Core	4.03	21.8	60.7	139.2	348	0.6	87.1	10.0	86	2.53	50	1.8	4.2	43	<0.5	16.9	<0.5	182	0.12	0.073
1906694	Drill Core	2.92	5.1	44.1	101.8	129	<0.5	46.9	6.8	55	2.78	68	0.9	2.7	31	<0.5	8.3	<0.5	51	0.13	0.059
1906695	Drill Core	3.58	6.6	39.6	97.7	130	<0.5	47.5	6.5	61	2.69	59	0.9	2.6	30	<0.5	8.3	<0.5	42	0.10	0.056
1906696	Drill Core	3.80	8.6	40.9	93.6	131	<0.5	51.0	6.9	65	3.60	73	1.1	2.1	15	<0.5	8.8	<0.5	50	0.10	0.055
1906697	Drill Core	3.58	12.3	51.4	135.8	353	0.6	69.3	9.1	79	4.11	63	1.6	3.0	27	<0.5	10.2	<0.5	55	0.18	0.103
1906698	Drill Core	3.45	22.7	61.4	176.8	326	0.7	89.3	12.1	70	2.94	49	2.1	4.8	23	<0.5	15.3	<0.5	68	0.13	0.088
1906699	Drill Core	4.33	9.5	39.5	112.0	270	<0.5	46.5	7.5	46	1.86	24	1.1	3.0	12	<0.5	7.9	<0.5	41	0.09	0.064
1906700	Rock Pulp	0.03	2.8	352.6	>40000	108740	98.3	25.1	26.1	1316	7.65	147	1.4	5.2	17	315.4	174.2	0.6	<10	3.78	0.044

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1906671	Drill Core	17.2	85.7	0.01	1544	0.071	0.47	<0.01	0.01	1.0	0.23	2.3	1.7	2.26	<5	5	
1906672	Drill Core	13.5	72.7	<0.01	1527	0.072	0.55	<0.01	0.01	0.6	0.39	2.5	1.5	1.98	<5	3	
1906673	Drill Core	15.8	93.3	<0.01	1102	0.115	0.60	<0.01	0.01	0.8	0.42	3.2	1.4	2.92	<5	4	
1906674	Drill Core	16.5	92.0	<0.01	724	0.124	0.63	<0.01	<0.01	0.9	0.21	2.9	1.2	2.36	<5	3	
1906675	Drill Core	17.1	80.7	<0.01	1445	0.090	1.27	<0.01	0.03	0.5	0.16	2.0	1.2	1.54	<5	2	
1906676	Drill Core	18.6	94.1	<0.01	1025	0.129	1.02	<0.01	<0.01	0.5	0.55	1.8	1.1	1.95	<5	3	
1906677	Drill Core	20.5	102.6	<0.01	983	0.115	1.68	<0.01	0.04	0.5	0.62	2.5	1.1	1.90	<5	3	
1906678	Drill Core	16.9	60.0	<0.01	889	0.020	1.40	<0.01	0.04	<0.5	0.21	4.1	1.0	1.79	<5	2	
1906679	Drill Core	18.8	72.2	0.01	980	0.007	1.27	<0.01	0.05	<0.5	0.14	4.5	1.0	1.91	<5	2	
1906680	Rock	7.4	3.0	0.53	232	0.118	1.03	0.10	0.12	<0.5	<0.05	4.1	<0.5	<0.05	<5	<2	
1906681	Drill Core	18.1	52.3	0.01	1048	0.004	0.91	<0.01	0.03	<0.5	0.15	4.5	0.8	1.94	<5	4	
1906682	Drill Core	22.1	86.6	0.01	854	0.016	1.31	<0.01	0.03	<0.5	0.10	5.4	1.0	2.27	<5	4	
1906683	Drill Core	14.4	44.4	0.01	387	0.003	0.75	<0.01	0.03	<0.5	0.29	4.0	0.8	3.19	<5	5	
1906684	Drill Core	17.9	34.4	0.01	766	0.003	0.75	<0.01	0.05	<0.5	0.16	3.5	0.9	2.57	<5	4	
1906685	Drill Core	17.1	28.2	0.01	1008	0.002	0.74	<0.01	0.06	<0.5	0.27	2.8	1.0	2.72	<5	4	
1906686	Drill Core	19.4	26.2	0.01	836	0.002	0.82	<0.01	0.07	<0.5	0.22	2.7	1.0	2.06	<5	3	
1906687	Drill Core	19.1	24.6	0.01	942	0.002	0.79	<0.01	0.07	<0.5	0.23	2.3	1.1	2.28	<5	4	
1906688	Drill Core	21.0	25.8	0.01	1120	0.003	0.88	<0.01	0.09	<0.5	0.21	2.3	1.1	2.35	<5	3	
1906689	Drill Core	20.4	20.4	0.01	1219	0.009	0.73	<0.01	0.08	<0.5	0.18	1.8	1.2	2.55	<5	4	
1906690	Drill Core	20.7	24.6	0.02	1064	0.003	0.80	<0.01	0.10	<0.5	0.19	2.4	1.2	2.54	<5	4	
1906691	Drill Core	18.8	19.4	0.02	478	0.003	0.71	<0.01	0.09	<0.5	0.27	2.3	1.2	2.68	<5	6	
1906692	Drill Core	16.4	18.6	0.02	395	0.002	0.70	<0.01	0.10	<0.5	0.36	2.5	1.1	2.90	<5	5	
1906693	Drill Core	17.4	37.0	0.01	776	0.016	0.64	<0.01	0.05	<0.5	0.28	2.4	1.1	2.49	<5	4	
1906694	Drill Core	11.2	14.3	<0.01	1251	0.003	0.47	<0.01	0.03	<0.5	0.17	1.3	0.6	2.83	<5	3	
1906695	Drill Core	10.4	12.9	<0.01	1314	0.002	0.48	<0.01	0.04	<0.5	0.11	1.2	0.7	2.66	<5	3	
1906696	Drill Core	8.6	14.4	<0.01	643	0.002	0.47	<0.01	0.05	<0.5	0.10	1.6	1.0	3.73	<5	4	
1906697	Drill Core	11.8	14.6	<0.01	541	0.002	0.48	<0.01	0.06	<0.5	0.19	2.2	1.4	4.34	<5	4	
1906698	Drill Core	20.7	17.9	0.01	938	0.003	0.80	<0.01	0.10	<0.5	0.20	2.5	1.2	3.09	<5	5	
1906699	Drill Core	13.8	11.6	<0.01	643	0.002	0.56	<0.01	0.07	<0.5	0.25	1.5	0.6	1.87	<5	<2	
1906700	Rock Pulp	18.9	13.0	2.09	99	0.013	0.78	<0.01	0.48	<0.5	4.56	3.1	45.6	10.73	<5	<2	4.84

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000644.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906701	Drill Core	3.71	11.4	57.8	132.2	3348	<0.5	54.8	8.0	57	1.83	29	1.3	3.3	15	9.4	8.1	<0.5	44	0.04	0.053
1906702	Drill Core	3.86	8.5	54.4	126.4	2040	0.6	52.9	8.3	49	2.54	33	1.3	3.5	13	5.0	6.8	<0.5	40	0.06	0.053
1906703	Drill Core	3.63	7.9	38.0	62.6	1035	<0.5	47.7	7.8	44	1.50	21	1.5	3.3	18	1.7	6.2	<0.5	38	0.10	0.067
1906704	Drill Core	4.10	8.1	39.3	49.8	260	<0.5	46.7	7.4	45	1.47	22	1.2	3.8	10	<0.5	5.4	<0.5	34	0.05	0.045
1906705	Drill Core	3.29	26.4	42.5	85.2	219	0.7	89.7	12.8	85	2.55	51	1.7	5.0	17	<0.5	11.6	<0.5	50	0.12	0.067
1906706	Drill Core	3.70	15.9	38.4	82.1	235	0.5	68.4	11.0	70	2.32	34	1.4	3.7	18	<0.5	8.4	<0.5	41	0.13	0.076

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PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 18, 2017

CERTIFICATE OF ANALYSIS WHI17000644.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1906701	Drill Core	14.7	11.9	<0.01	584	0.004	0.50	<0.01	0.06	<0.5	0.60	1.6	0.7	1.92	<5	<2	
1906702	Drill Core	16.0	11.3	<0.01	554	0.003	0.62	<0.01	0.07	<0.5	0.49	1.4	0.9	2.72	<5	4	
1906703	Drill Core	17.1	10.4	<0.01	791	0.003	0.62	<0.01	0.09	<0.5	0.20	1.4	0.8	1.53	<5	4	
1906704	Drill Core	17.6	10.2	<0.01	743	0.003	0.55	<0.01	0.10	<0.5	0.18	1.7	0.7	1.48	<5	2	
1906705	Drill Core	22.3	12.0	0.02	1234	0.003	0.61	<0.01	0.15	<0.5	0.24	2.3	1.3	2.73	<5	4	
1906706	Drill Core	17.0	11.0	0.01	1272	0.003	0.55	<0.01	0.15	<0.5	0.14	2.2	1.0	2.40	<5	2	

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: September 18, 2017

QUALITY CONTROL REPORT WHI17000644.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906663	Drill Core	4.11	5.5	76.0	129.4	1344	0.6	65.1	12.6	56	9.70	113	3.3	4.4	69	0.7	22.1	<0.5	125	0.03	0.033
REP 1906663	QC		5.5	76.5	130.6	1328	0.6	62.2	12.9	55	9.60	111	3.3	4.4	65	0.8	22.2	<0.5	127	0.02	0.033
1906695	Drill Core	3.58	6.6	39.6	97.7	130	<0.5	47.5	6.5	61	2.69	59	0.9	2.6	30	<0.5	8.3	<0.5	42	0.10	0.056
REP 1906695	QC		5.5	43.2	100.3	134	<0.5	50.2	6.4	61	2.70	62	0.9	2.5	31	<0.5	8.1	<0.5	39	0.11	0.063
Core Reject Duplicates																					
1906664	Drill Core	3.01	8.3	40.3	417.4	2164	0.6	66.5	14.4	58	5.54	63	5.0	3.6	28	3.3	17.3	<0.5	170	<0.01	0.027
DUP 1906664	QC		8.3	38.1	430.2	2163	0.6	70.7	14.8	48	5.27	62	5.0	3.7	29	3.3	17.0	<0.5	171	0.01	0.029
1906698	Drill Core	3.45	22.7	61.4	176.8	326	0.7	89.3	12.1	70	2.94	49	2.1	4.8	23	<0.5	15.3	<0.5	68	0.13	0.088
DUP 1906698	QC		22.4	62.3	183.2	322	0.7	84.2	11.3	72	2.95	50	2.2	4.7	24	<0.5	15.2	<0.5	63	0.15	0.090
Reference Materials																					
STD GBM398-4-AR	Standard		880.4	3876.1	12481.4	5388	50.1	4016.0	2085.0	5523	3.98	7	0.7	0.8	13	8.5	6.9	12.9	26	0.32	0.023
STD GBM398-4-AR	Standard		853.5	3754.6	12080.4	5209	48.9	3800.3	1925.8	5328	3.96	<5	0.6	0.7	14	7.5	6.7	12.5	26	0.33	0.019
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.0	10422.6	227.1	740	4.4	29.1	30.8	1112	8.05	14	1.7	12.8	13	0.8	1.2	69.5	36	0.29	0.054
STD OREAS927-AR	Standard		1.1	10392.5	219.0	739	4.5	31.0	30.6	1064	8.01	13	1.8	13.1	13	0.9	1.4	65.0	34	0.29	0.052
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.8	8.3	1.2	40	<0.5	1.6	4.7	618	2.07	<5	<0.5	2.3	28	<0.5	<0.5	<0.5	28	0.66	0.041
ROCK-WHI	Prep Blank		0.9	3.9	1.2	34	<0.5	1.7	3.9	608	2.03	<5	<0.5	2.4	29	<0.5	<0.5	<0.5	26	0.61	0.038

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PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 18, 2017

QUALITY CONTROL REPORT WHI17000644.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
Pulp Duplicates																	
1906663	Drill Core	17.8	34.2	0.01	326	0.004	0.77	<0.01	0.08	<0.5	0.21	4.7	2.0	11.15	<5	5	
REP 1906663	QC	17.9	34.9	0.01	338	0.004	0.77	<0.01	0.08	<0.5	0.26	4.8	2.0	11.12	<5	6	
1906695	Drill Core	10.4	12.9	<0.01	1314	0.002	0.48	<0.01	0.04	<0.5	0.11	1.2	0.7	2.66	<5	3	
REP 1906695	QC	10.5	12.7	<0.01	1263	0.002	0.47	<0.01	0.04	<0.5	0.12	0.8	0.7	2.63	<5	4	
Core Reject Duplicates																	
1906664	Drill Core	9.9	45.8	<0.01	402	0.032	0.62	<0.01	<0.01	2.2	0.93	2.0	2.4	6.38	<5	4	
DUP 1906664	QC	10.5	47.9	<0.01	406	0.031	0.66	<0.01	0.01	1.7	0.83	2.4	2.3	6.22	<5	4	
1906698	Drill Core	20.7	17.9	0.01	938	0.003	0.80	<0.01	0.10	<0.5	0.20	2.5	1.2	3.09	<5	5	
DUP 1906698	QC	20.2	16.9	0.01	858	0.003	0.73	<0.01	0.09	<0.5	0.13	2.3	1.2	3.15	<5	4	
Reference Materials																	
STD GBM398-4-AR	Standard	2.7	2001.8	0.12	18	0.116	0.48	0.24	0.11	3.0	3.04	1.6	<0.5	0.95	<5	3	
STD GBM398-4-AR	Standard	2.9	1959.4	0.11	19	0.116	0.50	0.23	0.10	2.7	2.93	1.4	<0.5	0.92	<5	3	
STD OREAS132A	Standard																3.74
STD OREAS134B	Standard																13.50
STD OREAS927-AR	Standard	27.2	41.4	1.92	50	0.086	3.21	<0.01	0.26	4.8	0.12	4.6	<0.5	1.78	9	15	
STD OREAS927-AR	Standard	28.5	42.9	1.90	49	0.098	3.17	<0.01	0.29	4.5	0.12	4.3	<0.5	1.76	9	18	
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3	
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5	
STD OREAS132A Expected																	3.66
STD OREAS134B Expected																	13.36
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.10	0.5	<0.5	<0.05	<5	<2	
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.07	<0.5	<0.5	<0.05	<5	<2	
BLK	Blank																<0.01
Prep Wash																	
ROCK-WHI	Prep Blank	6.1	2.8	0.51	64	0.103	1.00	0.10	0.10	<0.5	0.08	3.6	<0.5	<0.05	<5	<2	
ROCK-WHI	Prep Blank	7.4	2.8	0.48	87	0.098	0.94	0.11	0.12	<0.5	0.10	3.2	<0.5	<0.05	<5	<2	

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 21, 2017
Report Date: October 13, 2017
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI17000644.2

CLIENT JOB INFORMATION

Project: FWZ17-01
Shipment ID: FWZ17-01012
P.O. Number
Number of Samples: 66

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	63	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	2	Sort, label and box pulps			WHI
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
PULSW	1	Extra Wash with Silica between each sample			VAN
SPTPL	66	Splitting of pulp samples for client			VAN
AQ270	66	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	65	Per sample shipping charges for branch shipments			VAN
MA404	3	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : MA404 for 1906666 & 1906667 included.

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 13, 2017

CERTIFICATE OF ANALYSIS WHI17000644.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906642	Drill Core	2.30	18.5	138.0	229.7	101	2.4	149.2	10.6	67	8.53	184	1.1	4.0	36	<0.5	24.3	<0.5	43	0.19	0.083
1906643	Drill Core	2.48	5.0	115.4	42.3	241	0.7	50.6	10.9	447	3.09	24	1.1	6.5	51	1.1	7.3	<0.5	49	0.18	0.103
1906644	Drill Core	5.65	5.9	101.8	68.7	429	0.7	54.2	12.1	1165	4.93	15	0.9	7.2	32	0.6	4.9	<0.5	69	0.19	0.062
1906645	Drill Core	5.32	5.7	122.2	93.3	300	0.9	88.6	12.4	399	5.49	29	1.2	6.6	48	<0.5	6.4	<0.5	41	0.23	0.096
1906646	Drill Core	4.50	5.2	64.0	49.9	223	0.7	49.0	8.8	459	2.21	21	1.2	7.1	38	<0.5	5.0	<0.5	41	0.17	0.073
1906647	Drill Core	5.81	4.9	87.4	48.9	4510	0.7	59.4	12.8	648	2.78	22	1.0	7.5	35	<0.5	5.2	<0.5	38	0.16	0.066
1906648	Drill Core	5.03	4.4	73.1	52.8	162	0.6	65.7	11.8	121	3.52	25	1.0	7.3	45	<0.5	8.4	<0.5	25	0.16	0.079
1906649	Drill Core	1.51	4.7	96.0	43.3	306	0.5	42.1	10.5	142	2.23	22	1.1	7.1	42	<0.5	3.6	<0.5	39	0.20	0.090
1906650	Drill Core	1.59	4.3	141.1	92.3	216	0.6	62.5	11.9	113	5.95	27	1.0	6.0	42	0.6	4.2	<0.5	40	0.20	0.093
1906651	Drill Core	5.20	5.0	73.1	37.7	462	0.5	50.0	11.9	384	1.88	24	0.9	6.7	29	<0.5	4.6	<0.5	31	0.13	0.060
1906652	Drill Core	3.72	4.9	76.8	36.4	437	0.6	47.6	11.0	429	2.11	24	0.8	6.7	27	<0.5	4.7	<0.5	23	0.17	0.064
1906653	Drill Core	4.06	4.2	78.3	64.9	517	<0.5	56.5	10.3	360	5.04	23	1.0	5.9	36	<0.5	4.4	<0.5	40	0.16	0.069
1906654	Drill Core	6.48	4.0	54.0	51.0	310	0.6	56.3	11.9	37	6.37	37	3.4	5.0	34	<0.5	8.5	<0.5	47	0.08	0.089
1906655	Drill Core	3.76	5.2	48.4	69.6	295	0.7	49.9	11.7	31	4.19	28	2.2	6.2	20	<0.5	9.8	<0.5	47	0.05	0.059
1906656	Drill Core	4.14	5.4	76.0	42.9	627	0.6	46.9	10.4	23	2.34	25	2.1	6.9	20	1.2	8.8	<0.5	39	0.05	0.062
1906657	Drill Core	3.35	5.2	59.4	51.0	533	0.6	62.3	11.0	28	2.87	27	1.8	6.4	22	1.1	9.2	<0.5	39	0.05	0.057
1906658	Drill Core	3.64	6.1	45.0	51.0	989	0.6	52.5	10.9	37	3.08	27	2.0	6.0	18	2.0	10.6	<0.5	45	0.04	0.053
1906659	Drill Core	4.16	6.6	55.3	72.6	1671	0.9	80.6	13.6	66	4.33	38	2.4	5.3	18	4.0	15.8	<0.5	42	0.05	0.059
1906660	Rock Pulp	0.03	4.3	495.0	36413.1	49605	56.9	19.1	48.0	2239	7.32	149	1.5	6.2	25	171.7	46.7	<0.5	12	4.85	0.057
1906661	Drill Core	3.98	8.7	72.8	74.6	2084	0.8	84.5	12.9	68	3.98	40	2.0	5.4	26	3.9	22.5	<0.5	42	0.03	0.051
1906662	Drill Core	3.55	6.4	62.3	80.1	940	0.7	73.5	13.0	53	4.97	59	1.9	5.2	52	1.5	19.8	<0.5	46	0.02	0.033
1906663	Drill Core	4.11	5.5	76.0	129.4	1344	0.6	65.1	12.6	56	9.70	113	3.3	4.4	69	0.7	22.1	<0.5	125	0.03	0.033
1906664	Drill Core	3.01	8.3	40.3	417.4	2164	0.6	66.5	14.4	58	5.54	63	5.0	3.6	28	3.3	17.3	<0.5	170	<0.01	0.027
1906665	Rock	0.52	0.9	11.8	4.1	48	<0.5	2.1	5.6	687	2.43	<5	<0.5	1.7	36	<0.5	<0.5	<0.5	42	0.95	0.039
1906666	Drill Core	3.29	6.1	99.9	39214.3	108923	3.9	38.7	53.3	71	7.26	306	3.4	1.2	11	237.0	40.1	<0.5	65	0.01	0.060
1906667	Drill Core	4.98	10.2	91.0	32484.1	97695	3.7	53.3	57.5	59	5.82	273	1.6	1.2	10	216.3	44.2	<0.5	94	0.02	0.020
1906667-PW	Silica		<0.5	1.6	1.3	<5	<0.5	1.0	<0.5	66	0.65	<5	<0.5	2.0	<5	<0.5	<0.5	<0.5	<10	0.01	0.002
1906668	Rock	0.52	1.1	9.5	57.4	206	<0.5	1.6	5.2	656	2.31	<5	<0.5	2.0	32	<0.5	<0.5	<0.5	37	0.84	0.043
1906669	Drill Core	2.94	22.7	50.3	1265.9	7033	0.7	105.1	13.7	112	2.98	113	3.4	4.8	35	13.7	24.7	<0.5	571	0.04	0.032
1906670	Drill Core	2.89	21.3	47.7	493.2	3413	<0.5	97.8	12.7	100	2.53	88	3.4	5.0	35	5.6	24.6	<0.5	510	0.04	0.030

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 13, 2017

CERTIFICATE OF ANALYSIS WHI17000644.2

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906642	Drill Core	11.0	8.0	<0.01	474	0.002	0.32	<0.01	0.14	<0.5	0.41	0.8	0.8	9.48	<5	18		
1906643	Drill Core	22.7	14.1	0.24	854	0.002	0.57	<0.01	0.22	<0.5	0.16	4.1	0.5	1.52	<5	3		
1906644	Drill Core	24.2	11.1	0.55	820	0.002	0.42	<0.01	0.19	<0.5	0.13	3.8	<0.5	1.37	<5	7		
1906645	Drill Core	18.2	8.9	0.02	641	0.003	0.49	<0.01	0.20	<0.5	0.21	2.2	0.6	5.85	<5	10		
1906646	Drill Core	27.7	10.0	0.02	890	0.003	0.47	<0.01	0.19	<0.5	0.19	2.4	0.5	2.02	<5	3		
1906647	Drill Core	27.6	10.7	0.02	1061	0.003	0.49	<0.01	0.21	<0.5	0.17	3.1	0.6	1.88	<5	3		
1906648	Drill Core	22.2	6.0	0.01	622	0.002	0.36	<0.01	0.13	<0.5	0.27	1.6	0.8	3.95	<5	3		
1906649	Drill Core	28.2	9.2	0.02	1200	0.005	0.52	<0.01	0.22	<0.5	0.12	2.6	0.6	2.25	<5	3		
1906650	Drill Core	19.9	9.2	0.02	541	0.003	0.47	<0.01	0.19	<0.5	0.16	2.7	0.6	6.82	<5	6		
1906651	Drill Core	27.1	8.9	0.02	1200	0.003	0.49	<0.01	0.21	<0.5	0.19	1.5	0.7	1.61	<5	<2		
1906652	Drill Core	24.7	6.8	0.02	885	0.002	0.39	<0.01	0.15	<0.5	0.12	1.0	0.6	1.98	<5	3		
1906653	Drill Core	20.5	9.8	0.02	744	0.003	0.48	<0.01	0.17	<0.5	0.11	2.5	0.7	5.16	<5	4		
1906654	Drill Core	19.1	10.4	0.01	555	0.002	0.59	<0.01	0.17	<0.5	0.27	2.0	1.5	7.36	<5	4		
1906655	Drill Core	23.2	9.8	0.02	941	0.003	0.53	<0.01	0.17	<0.5	0.24	1.8	1.5	4.75	<5	3		
1906656	Drill Core	28.0	9.4	0.02	1287	0.003	0.55	<0.01	0.20	<0.5	0.30	1.8	1.5	2.52	<5	4		
1906657	Drill Core	24.9	9.2	0.02	1209	0.005	0.52	<0.01	0.17	<0.5	0.21	1.5	1.4	3.17	<5	5		
1906658	Drill Core	24.3	10.3	0.02	1226	0.003	0.58	<0.01	0.19	<0.5	0.38	1.4	1.8	3.35	<5	4		
1906659	Drill Core	19.9	9.6	0.02	825	0.003	0.51	<0.01	0.16	<0.5	0.59	2.1	1.9	4.89	<5	6		
1906660	Rock Pulp	21.2	15.1	2.62	244	0.018	0.98	0.01	0.64	0.5	0.84	3.2	43.9	7.75	<5	<2		
1906661	Drill Core	22.5	9.9	0.01	875	0.003	0.51	<0.01	0.16	<0.5	0.64	2.0	1.8	4.54	<5	5		
1906662	Drill Core	19.6	12.4	0.01	736	0.003	0.51	<0.01	0.15	<0.5	0.42	2.1	1.7	5.59	<5	4		
1906663	Drill Core	17.8	34.2	0.01	326	0.004	0.77	<0.01	0.08	<0.5	0.21	4.7	2.0	11.15	<5	5		
1906664	Drill Core	9.9	45.8	<0.01	402	0.032	0.62	<0.01	<0.01	2.2	0.93	2.0	2.4	6.38	<5	4		
1906665	Rock	6.3	3.3	0.61	81	0.114	1.17	0.10	0.11	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2		
1906666	Drill Core	3.2	20.4	<0.01	168	0.011	0.35	<0.01	<0.01	3.2	17.10	0.8	4.3	13.23	<5	8	3.70	10.59
1906667	Drill Core	4.2	28.8	<0.01	163	0.028	0.33	<0.01	<0.01	0.6	17.93	<0.5	5.2	11.03	<5	9	3.01	9.30
1906667-PW	Silica	6.0	3.3	<0.01	<5	0.002	0.05	<0.01	0.04	<0.5	<0.05	0.5	<0.5	<0.05	<5	<2		
1906668	Rock	6.4	3.2	0.61	63	0.119	1.21	0.11	0.12	<0.5	0.11	4.7	<0.5	<0.05	5	<2		
1906669	Drill Core	24.6	115.2	0.01	651	0.128	0.55	<0.01	0.01	0.8	1.50	1.5	2.0	3.43	<5	5		
1906670	Drill Core	23.4	101.8	0.01	901	0.108	0.55	<0.01	0.01	0.7	0.80	1.6	1.7	2.82	<5	5		

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 13, 2017

CERTIFICATE OF ANALYSIS WHI17000644.2

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906671	Drill Core	4.43	17.1	38.7	84.9	1314	<0.5	87.1	10.4	84	2.26	59	1.8	3.9	36	<0.5	21.2	<0.5	371	0.06	0.029
1906672	Drill Core	4.60	16.8	45.5	78.9	1778	<0.5	75.2	8.2	87	1.98	46	1.6	3.3	44	4.0	25.3	<0.5	367	0.07	0.063
1906673	Drill Core	3.35	14.0	71.8	88.5	1231	<0.5	72.5	9.8	79	2.67	75	1.9	3.9	17	2.2	35.4	<0.5	429	0.03	0.054
1906674	Drill Core	4.10	14.6	37.4	74.3	1785	<0.5	68.2	8.1	72	2.31	55	1.7	3.4	24	<0.5	19.8	<0.5	474	0.03	0.060
1906675	Drill Core	4.10	16.1	32.0	66.5	240	<0.5	81.5	7.5	86	1.84	35	1.4	3.5	41	<0.5	21.1	<0.5	385	0.13	0.083
1906676	Drill Core	4.61	18.4	33.7	61.9	1873	<0.5	85.2	8.2	92	2.06	42	1.6	4.1	57	4.5	20.9	<0.5	461	0.19	0.113
1906677	Drill Core	3.66	17.8	48.1	198.0	4129	<0.5	89.0	7.5	96	2.24	36	1.8	4.4	47	7.9	24.4	<0.5	480	0.23	0.120
1906678	Drill Core	3.92	17.1	41.1	86.9	2221	<0.5	80.2	8.4	141	2.21	36	1.3	3.7	29	<0.5	19.7	<0.5	276	0.16	0.084
1906679	Drill Core	3.58	18.7	46.1	75.9	1294	<0.5	78.0	8.6	115	2.29	35	1.3	4.3	28	<0.5	20.6	<0.5	334	0.16	0.072
1906680	Rock	0.52	0.8	5.7	6.3	49	<0.5	1.7	4.5	663	2.13	<5	<0.5	1.9	27	<0.5	<0.5	<0.5	29	0.81	0.045
1906681	Drill Core	3.62	13.3	46.8	81.9	1284	<0.5	66.2	7.2	116	2.16	32	1.4	3.9	24	<0.5	16.7	<0.5	264	0.23	0.105
1906682	Drill Core	4.24	19.8	50.2	78.3	1490	<0.5	82.8	8.9	117	2.43	40	1.5	4.8	36	<0.5	21.3	<0.5	381	0.18	0.093
1906683	Drill Core	3.59	13.5	67.2	195.1	2325	0.6	67.3	8.1	124	3.22	43	1.4	3.9	28	3.5	16.3	<0.5	214	0.21	0.090
1906684	Drill Core	4.56	16.1	54.6	101.2	246	0.5	75.3	9.0	69	2.59	46	1.5	4.5	32	<0.5	17.0	<0.5	160	0.22	0.106
1906685	Drill Core	4.86	23.1	56.1	107.4	204	0.5	84.0	9.3	64	2.62	54	1.7	3.9	35	<0.5	18.2	<0.5	133	0.24	0.111
1906686	Drill Core	3.35	21.8	50.5	86.9	74	<0.5	83.1	8.8	67	2.11	41	1.7	4.4	32	<0.5	18.8	<0.5	123	0.21	0.101
1906687	Drill Core	3.54	25.4	59.9	90.9	111	0.6	90.8	9.3	75	2.15	44	1.7	4.4	40	<0.5	21.9	<0.5	113	0.22	0.104
1906688	Drill Core	3.50	25.2	61.0	87.3	94	0.6	90.6	9.7	78	2.27	47	1.9	4.8	37	<0.5	23.1	<0.5	128	0.21	0.107
1906689	Drill Core	1.75	25.6	63.4	97.1	95	0.6	98.1	9.9	75	2.39	49	1.9	4.7	37	<0.5	24.3	<0.5	106	0.24	0.111
1906690	Drill Core	1.57	25.5	66.5	99.7	92	0.6	94.1	10.2	78	2.41	52	1.9	4.8	38	<0.5	25.0	<0.5	121	0.21	0.110
1906691	Drill Core	1.70	23.3	88.5	159.1	824	0.6	94.3	10.5	69	2.47	50	2.1	4.3	36	2.1	22.0	<0.5	102	0.19	0.093
1906692	Drill Core	1.85	21.1	134.2	257.8	615	0.7	84.5	8.4	70	2.60	47	1.9	3.6	31	1.3	20.0	<0.5	96	0.15	0.089
1906693	Drill Core	4.03	21.8	60.7	139.2	348	0.6	87.1	10.0	86	2.53	50	1.8	4.2	43	<0.5	16.9	<0.5	182	0.12	0.073
1906694	Drill Core	2.92	5.1	44.1	101.8	129	<0.5	46.9	6.8	55	2.78	68	0.9	2.7	31	<0.5	8.3	<0.5	51	0.13	0.059
1906695	Drill Core	3.58	6.6	39.6	97.7	130	<0.5	47.5	6.5	61	2.69	59	0.9	2.6	30	<0.5	8.3	<0.5	42	0.10	0.056
1906696	Drill Core	3.80	8.6	40.9	93.6	131	<0.5	51.0	6.9	65	3.60	73	1.1	2.1	15	<0.5	8.8	<0.5	50	0.10	0.055
1906697	Drill Core	3.58	12.3	51.4	135.8	353	0.6	69.3	9.1	79	4.11	63	1.6	3.0	27	<0.5	10.2	<0.5	55	0.18	0.103
1906698	Drill Core	3.45	22.7	61.4	176.8	326	0.7	89.3	12.1	70	2.94	49	2.1	4.8	23	<0.5	15.3	<0.5	68	0.13	0.088
1906699	Drill Core	4.33	9.5	39.5	112.0	270	<0.5	46.5	7.5	46	1.86	24	1.1	3.0	12	<0.5	7.9	<0.5	41	0.09	0.064
1906700	Rock Pulp	0.03	2.8	352.6	>40000	108740	98.3	25.1	26.1	1316	7.65	147	1.4	5.2	17	315.4	174.2	0.6	<10	3.78	0.044

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906671	Drill Core	17.2	85.7	0.01	1544	0.071	0.47	<0.01	0.01	1.0	0.23	2.3	1.7	2.26	<5	5		
1906672	Drill Core	13.5	72.7	<0.01	1527	0.072	0.55	<0.01	0.01	0.6	0.39	2.5	1.5	1.98	<5	3		
1906673	Drill Core	15.8	93.3	<0.01	1102	0.115	0.60	<0.01	0.01	0.8	0.42	3.2	1.4	2.92	<5	4		
1906674	Drill Core	16.5	92.0	<0.01	724	0.124	0.63	<0.01	<0.01	0.9	0.21	2.9	1.2	2.36	<5	3		
1906675	Drill Core	17.1	80.7	<0.01	1445	0.090	1.27	<0.01	0.03	0.5	0.16	2.0	1.2	1.54	<5	2		
1906676	Drill Core	18.6	94.1	<0.01	1025	0.129	1.02	<0.01	<0.01	0.5	0.55	1.8	1.1	1.95	<5	3		
1906677	Drill Core	20.5	102.6	<0.01	983	0.115	1.68	<0.01	0.04	0.5	0.62	2.5	1.1	1.90	<5	3		
1906678	Drill Core	16.9	60.0	<0.01	889	0.020	1.40	<0.01	0.04	<0.5	0.21	4.1	1.0	1.79	<5	2		
1906679	Drill Core	18.8	72.2	0.01	980	0.007	1.27	<0.01	0.05	<0.5	0.14	4.5	1.0	1.91	<5	2		
1906680	Rock	7.4	3.0	0.53	232	0.118	1.03	0.10	0.12	<0.5	<0.05	4.1	<0.5	<0.05	<5	<2		
1906681	Drill Core	18.1	52.3	0.01	1048	0.004	0.91	<0.01	0.03	<0.5	0.15	4.5	0.8	1.94	<5	4		
1906682	Drill Core	22.1	86.6	0.01	854	0.016	1.31	<0.01	0.03	<0.5	0.10	5.4	1.0	2.27	<5	4		
1906683	Drill Core	14.4	44.4	0.01	387	0.003	0.75	<0.01	0.03	<0.5	0.29	4.0	0.8	3.19	<5	5		
1906684	Drill Core	17.9	34.4	0.01	766	0.003	0.75	<0.01	0.05	<0.5	0.16	3.5	0.9	2.57	<5	4		
1906685	Drill Core	17.1	28.2	0.01	1008	0.002	0.74	<0.01	0.06	<0.5	0.27	2.8	1.0	2.72	<5	4		
1906686	Drill Core	19.4	26.2	0.01	836	0.002	0.82	<0.01	0.07	<0.5	0.22	2.7	1.0	2.06	<5	3		
1906687	Drill Core	19.1	24.6	0.01	942	0.002	0.79	<0.01	0.07	<0.5	0.23	2.3	1.1	2.28	<5	4		
1906688	Drill Core	21.0	25.8	0.01	1120	0.003	0.88	<0.01	0.09	<0.5	0.21	2.3	1.1	2.35	<5	3		
1906689	Drill Core	20.4	20.4	0.01	1219	0.009	0.73	<0.01	0.08	<0.5	0.18	1.8	1.2	2.55	<5	4		
1906690	Drill Core	20.7	24.6	0.02	1064	0.003	0.80	<0.01	0.10	<0.5	0.19	2.4	1.2	2.54	<5	4		
1906691	Drill Core	18.8	19.4	0.02	478	0.003	0.71	<0.01	0.09	<0.5	0.27	2.3	1.2	2.68	<5	6		
1906692	Drill Core	16.4	18.6	0.02	395	0.002	0.70	<0.01	0.10	<0.5	0.36	2.5	1.1	2.90	<5	5		
1906693	Drill Core	17.4	37.0	0.01	776	0.016	0.64	<0.01	0.05	<0.5	0.28	2.4	1.1	2.49	<5	4		
1906694	Drill Core	11.2	14.3	<0.01	1251	0.003	0.47	<0.01	0.03	<0.5	0.17	1.3	0.6	2.83	<5	3		
1906695	Drill Core	10.4	12.9	<0.01	1314	0.002	0.48	<0.01	0.04	<0.5	0.11	1.2	0.7	2.66	<5	3		
1906696	Drill Core	8.6	14.4	<0.01	643	0.002	0.47	<0.01	0.05	<0.5	0.10	1.6	1.0	3.73	<5	4		
1906697	Drill Core	11.8	14.6	<0.01	541	0.002	0.48	<0.01	0.06	<0.5	0.19	2.2	1.4	4.34	<5	4		
1906698	Drill Core	20.7	17.9	0.01	938	0.003	0.80	<0.01	0.10	<0.5	0.20	2.5	1.2	3.09	<5	5		
1906699	Drill Core	13.8	11.6	<0.01	643	0.002	0.56	<0.01	0.07	<0.5	0.25	1.5	0.6	1.87	<5	<2		
1906700	Rock Pulp	18.9	13.0	2.09	99	0.013	0.78	<0.01	0.48	<0.5	4.56	3.1	45.6	10.73	<5	<2	4.84	

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 13, 2017

CERTIFICATE OF ANALYSIS WHI17000644.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906701	Drill Core	3.71	11.4	57.8	132.2	3348	<0.5	54.8	8.0	57	1.83	29	1.3	3.3	15	9.4	8.1	<0.5	44	0.04	0.053
1906702	Drill Core	3.86	8.5	54.4	126.4	2040	0.6	52.9	8.3	49	2.54	33	1.3	3.5	13	5.0	6.8	<0.5	40	0.06	0.053
1906703	Drill Core	3.63	7.9	38.0	62.6	1035	<0.5	47.7	7.8	44	1.50	21	1.5	3.3	18	1.7	6.2	<0.5	38	0.10	0.067
1906704	Drill Core	4.10	8.1	39.3	49.8	260	<0.5	46.7	7.4	45	1.47	22	1.2	3.8	10	<0.5	5.4	<0.5	34	0.05	0.045
1906705	Drill Core	3.29	26.4	42.5	85.2	219	0.7	89.7	12.8	85	2.55	51	1.7	5.0	17	<0.5	11.6	<0.5	50	0.12	0.067
1906706	Drill Core	3.70	15.9	38.4	82.1	235	0.5	68.4	11.0	70	2.32	34	1.4	3.7	18	<0.5	8.4	<0.5	41	0.13	0.076

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 13, 2017

CERTIFICATE OF ANALYSIS WHI17000644.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906701	Drill Core	14.7	11.9	<0.01	584	0.004	0.50	<0.01	0.06	<0.5	0.60	1.6	0.7	1.92	<5	<2		
1906702	Drill Core	16.0	11.3	<0.01	554	0.003	0.62	<0.01	0.07	<0.5	0.49	1.4	0.9	2.72	<5	4		
1906703	Drill Core	17.1	10.4	<0.01	791	0.003	0.62	<0.01	0.09	<0.5	0.20	1.4	0.8	1.53	<5	4		
1906704	Drill Core	17.6	10.2	<0.01	743	0.003	0.55	<0.01	0.10	<0.5	0.18	1.7	0.7	1.48	<5	2		
1906705	Drill Core	22.3	12.0	0.02	1234	0.003	0.61	<0.01	0.15	<0.5	0.24	2.3	1.3	2.73	<5	4		
1906706	Drill Core	17.0	11.0	0.01	1272	0.003	0.55	<0.01	0.15	<0.5	0.14	2.2	1.0	2.40	<5	2		

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Project: FWZ17-01
Report Date: October 13, 2017

QUALITY CONTROL REPORT WHI17000644.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906663	Drill Core	4.11	5.5	76.0	129.4	1344	0.6	65.1	12.6	56	9.70	113	3.3	4.4	69	0.7	22.1	<0.5	125	0.03	0.033
REP 1906663	QC		5.5	76.5	130.6	1328	0.6	62.2	12.9	55	9.60	111	3.3	4.4	65	0.8	22.2	<0.5	127	0.02	0.033
1906666	Drill Core	3.29	6.1	99.9	39214.3	108923	3.9	38.7	53.3	71	7.26	306	3.4	1.2	11	237.0	40.1	<0.5	65	0.01	0.060
REP 1906666	QC																				
1906695	Drill Core	3.58	6.6	39.6	97.7	130	<0.5	47.5	6.5	61	2.69	59	0.9	2.6	30	<0.5	8.3	<0.5	42	0.10	0.056
REP 1906695	QC		5.5	43.2	100.3	134	<0.5	50.2	6.4	61	2.70	62	0.9	2.5	31	<0.5	8.1	<0.5	39	0.11	0.063
Core Reject Duplicates																					
1906664	Drill Core	3.01	8.3	40.3	417.4	2164	0.6	66.5	14.4	58	5.54	63	5.0	3.6	28	3.3	17.3	<0.5	170	<0.01	0.027
DUP 1906664	QC		8.3	38.1	430.2	2163	0.6	70.7	14.8	48	5.27	62	5.0	3.7	29	3.3	17.0	<0.5	171	0.01	0.029
1906698	Drill Core	3.45	22.7	61.4	176.8	326	0.7	89.3	12.1	70	2.94	49	2.1	4.8	23	<0.5	15.3	<0.5	68	0.13	0.088
DUP 1906698	QC		22.4	62.3	183.2	322	0.7	84.2	11.3	72	2.95	50	2.2	4.7	24	<0.5	15.2	<0.5	63	0.15	0.090
Reference Materials																					
STD GBM398-4-AR	Standard		880.4	3876.1	12481.4	5388	50.1	4016.0	2085.0	5523	3.98	7	0.7	0.8	13	8.5	6.9	12.9	26	0.32	0.023
STD GBM398-4-AR	Standard		853.5	3754.6	12080.4	5209	48.9	3800.3	1925.8	5328	3.96	<5	0.6	0.7	14	7.5	6.7	12.5	26	0.33	0.019
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.0	10422.6	227.1	740	4.4	29.1	30.8	1112	8.05	14	1.7	12.8	13	0.8	1.2	69.5	36	0.29	0.054
STD OREAS927-AR	Standard		1.1	10392.5	219.0	739	4.5	31.0	30.6	1064	8.01	13	1.8	13.1	13	0.9	1.4	65.0	34	0.29	0.052
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 13, 2017

QUALITY CONTROL REPORT WHI17000644.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270		MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
Pulp Duplicates																		
1906663	Drill Core	17.8	34.2	0.01	326	0.004	0.77	<0.01	0.08	<0.5	0.21	4.7	2.0	11.15	<5	5		
REP 1906663	QC	17.9	34.9	0.01	338	0.004	0.77	<0.01	0.08	<0.5	0.26	4.8	2.0	11.12	<5	6		
1906666	Drill Core	3.2	20.4	<0.01	168	0.011	0.35	<0.01	<0.01	3.2	17.10	0.8	4.3	13.23	<5	8	3.70	10.59
REP 1906666	QC																3.70	10.40
1906695	Drill Core	10.4	12.9	<0.01	1314	0.002	0.48	<0.01	0.04	<0.5	0.11	1.2	0.7	2.66	<5	3		
REP 1906695	QC	10.5	12.7	<0.01	1263	0.002	0.47	<0.01	0.04	<0.5	0.12	0.8	0.7	2.63	<5	4		
Core Reject Duplicates																		
1906664	Drill Core	9.9	45.8	<0.01	402	0.032	0.62	<0.01	<0.01	2.2	0.93	2.0	2.4	6.38	<5	4		
DUP 1906664	QC	10.5	47.9	<0.01	406	0.031	0.66	<0.01	0.01	1.7	0.83	2.4	2.3	6.22	<5	4		
1906698	Drill Core	20.7	17.9	0.01	938	0.003	0.80	<0.01	0.10	<0.5	0.20	2.5	1.2	3.09	<5	5		
DUP 1906698	QC	20.2	16.9	0.01	858	0.003	0.73	<0.01	0.09	<0.5	0.13	2.3	1.2	3.15	<5	4		
Reference Materials																		
STD GBM398-4-AR	Standard	2.7	2001.8	0.12	18	0.116	0.48	0.24	0.11	3.0	3.04	1.6	<0.5	0.95	<5	3		
STD GBM398-4-AR	Standard	2.9	1959.4	0.11	19	0.116	0.50	0.23	0.10	2.7	2.93	1.4	<0.5	0.92	<5	3		
STD OREAS132A	Standard																3.74	5.05
STD OREAS134B	Standard																13.50	17.76
STD OREAS132A	Standard																3.61	4.80
STD OREAS134B	Standard																13.16	17.93
STD OREAS927-AR	Standard	27.2	41.4	1.92	50	0.086	3.21	<0.01	0.26	4.8	0.12	4.6	<0.5	1.78	9	15		
STD OREAS927-AR	Standard	28.5	42.9	1.90	49	0.098	3.17	<0.01	0.29	4.5	0.12	4.3	<0.5	1.76	9	18		
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD OREAS132A Expected																	3.66	4.96
STD OREAS134B Expected																	13.36	18.03
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.10	0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.07	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01

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Project: FWZ17-01

Report Date: October 13, 2017

QUALITY CONTROL REPORT WHI17000644.2

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Prep Wash																					
ROCK-WHI	Prep Blank		0.8	8.3	1.2	40	<0.5	1.6	4.7	618	2.07	<5	<0.5	2.3	28	<0.5	<0.5	<0.5	28	0.66	0.041
ROCK-WHI	Prep Blank		0.9	3.9	1.2	34	<0.5	1.7	3.9	608	2.03	<5	<0.5	2.4	29	<0.5	<0.5	<0.5	26	0.61	0.038

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Report Date: October 13, 2017

QUALITY CONTROL REPORT WHI17000644.2

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Tl ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	Pb % 0.01	MA404 Zn % 0.01
Prep Wash																		
ROCK-WHI	Prep Blank	6.1	2.8	0.51	64	0.103	1.00	0.10	0.10	<0.5	0.08	3.6	<0.5	<0.05	<5	<2		
ROCK-WHI	Prep Blank	7.4	2.8	0.48	87	0.098	0.94	0.11	0.12	<0.5	0.10	3.2	<0.5	<0.05	<5	<2		

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 25, 2017
Report Date: September 25, 2017

CERTIFICATE OF ANALYSIS WHI17000697.1

CLIENT JOB INFORMATION

Project:	FWZ17-01
Shipment ID:	FWZ17-01013
P.O. Number	FWZ17-01013
Number of Samples:	87

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	84	Crush, split and pulverize 500g rock to 200 mesh			WHI
CRUBW	1	Extra clean rock wash between samples in crusher			WHI
PULSW	1	Extra Wash with Silica between each sample			VAN
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
SLBHP	3	Sort, label and box pulps			WHI
SPTPL	85	Splitting of pulp samples for client			VAN
AQ270	87	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	86	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

JEFFREY CANNON
Geochemistry Department Supervisor

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 25, 2017

CERTIFICATE OF ANALYSIS WHI17000697.1

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906707	Drill Core	4.04	9.5	57.6	130.1	725	0.7	43.3	5.7	54	3.31	32	1.1	2.8	25	4.3	4.5	<0.5	32	0.02	0.037
1906708	Drill Core	3.50	4.0	41.0	109.0	126	<0.5	21.0	4.3	33	4.29	12	0.9	3.9	27	1.0	2.0	<0.5	28	0.12	0.067
1906709	Drill Core	2.55	4.6	31.5	104.3	217	<0.5	27.3	5.5	30	5.12	16	1.2	4.5	27	0.6	2.5	<0.5	35	0.09	0.060
1906710	Drill Core	2.03	4.8	28.6	114.0	278	<0.5	25.1	4.9	32	4.53	16	1.3	5.0	27	<0.5	2.8	<0.5	35	0.07	0.058
1906711	Drill Core	4.04	13.9	64.7	58.6	140	0.7	57.4	5.9	107	2.28	31	1.5	3.8	38	1.2	4.4	<0.5	48	0.22	0.079
1906712	Drill Core	4.41	4.9	153.7	58.3	2249	<0.5	40.3	4.6	285	3.29	35	1.3	1.6	50	0.8	2.8	<0.5	31	0.22	0.075
1906713	Drill Core	3.34	18.3	550.6	83.6	113	1.0	64.9	6.3	83	2.02	29	2.4	5.3	38	0.5	6.1	<0.5	72	0.16	0.116
1906714	Drill Core	4.12	17.7	114.9	85.3	110	0.9	66.0	6.6	72	1.66	31	2.3	5.5	34	0.7	5.6	<0.5	67	0.21	0.132
1906715	Drill Core	3.28	5.9	105.5	78.2	396	0.5	43.2	6.2	104	2.14	19	2.2	3.7	30	2.7	3.2	<0.5	40	0.16	0.109
1906716	Drill Core	3.77	6.8	127.4	97.3	92	0.7	42.9	5.7	55	1.67	19	2.3	4.5	36	1.8	3.7	<0.5	42	0.16	0.111
1906717	Drill Core	2.48	20.3	240.8	94.2	145	0.8	71.9	6.8	86	1.79	34	2.7	5.7	47	1.3	5.9	<0.5	75	0.20	0.121
1906718	Drill Core	3.83	11.9	115.0	1472.4	27138	2.6	56.9	17.3	50	7.18	199	9.4	2.8	107	357.0	23.3	<0.5	77	0.07	0.295
1906719	Drill Core	2.99	16.4	38.4	283.6	1372	0.6	69.2	8.7	62	2.14	78	2.4	3.5	32	50.0	12.6	<0.5	120	0.14	0.114
1906720	Rock Pulp	0.03	2.7	242.6	21049.4	30815	35.9	27.6	21.6	1888	5.45	90	1.9	8.1	28	101.5	55.5	<0.5	12	5.23	0.055
1906721	Drill Core	3.74	20.3	46.2	155.4	244	0.6	88.8	7.7	82	1.74	50	1.7	3.7	37	1.7	16.5	<0.5	124	0.23	0.123
1906722	Drill Core	1.60	15.0	50.4	1373.8	2655	1.5	76.3	7.3	296	2.45	42	1.3	3.5	37	1.6	20.5	<0.5	100	0.22	0.093
1906723	Drill Core	5.07	11.3	47.3	1409.5	5774	1.1	62.9	6.6	310	2.51	48	1.4	4.1	42	11.2	20.2	<0.5	127	0.19	0.083
1906724	Drill Core	4.49	20.8	68.7	410.4	1665	0.9	87.8	9.2	164	3.17	60	1.5	4.7	66	2.7	43.1	<0.5	387	0.19	0.087
1906725	Drill Core	3.85	15.1	44.5	738.0	1411	0.9	66.1	6.6	190	2.14	42	1.7	5.0	61	2.1	28.5	<0.5	262	0.17	0.085
1906726	Drill Core	4.08	11.9	46.9	683.1	9698	0.6	77.2	10.3	240	3.34	80	1.3	3.8	56	18.7	43.3	<0.5	175	0.16	0.074
1906727	Drill Core	3.81	4.7	31.5	649.1	4679	<0.5	55.7	8.5	282	3.18	84	1.0	3.4	40	5.3	24.5	<0.5	176	0.12	0.057
1906728	Drill Core	4.13	9.4	29.2	380.8	3893	<0.5	69.1	8.5	54	2.00	68	1.8	4.3	69	10.5	24.6	<0.5	287	0.05	0.046
1906729	Drill Core	1.61	16.0	90.9	25010.1	78311	7.8	64.4	51.7	48	14.22	458	6.7	3.0	46	350.6	163.7	<0.5	238	0.01	0.111
1906730	Drill Core	1.37	17.2	129.5	22858.4	76220	7.1	71.0	47.2	68	12.73	399	6.3	3.2	47	305.7	152.7	<0.5	295	<0.01	0.098
1906731	Drill Core	2.50	5.7	45.6	39989.9	93723	1.0	24.8	27.6	86	11.49	277	5.4	1.6	18	459.9	85.3	<0.5	54	0.03	0.065
1906732	Drill Core	1.62	7.5	42.6	35872.3	97372	1.2	38.6	32.5	144	6.27	130	3.7	4.1	16	332.8	45.9	<0.5	95	<0.01	0.042
1906733	Drill Core	3.76	3.9	17.8	21808.9	83474	0.5	11.6	10.4	57	4.28	38	1.1	1.1	6	242.3	16.1	<0.5	29	<0.01	0.028
1906734	Drill Core	2.37	9.7	35.1	25250.2	120975	0.7	26.9	25.9	68	4.88	68	2.2	2.9	13	330.9	21.9	<0.5	80	<0.01	0.034
1906735	Drill Core	3.42	5.8	22.9	22071.0	125167	<0.5	21.5	34.1	69	8.01	95	1.6	2.0	9	375.7	25.8	<0.5	47	<0.01	0.027
1906736	Drill Core	2.15	2.5	12.9	30884.2	147069	<0.5	5.5	4.5	85	5.71	21	0.9	0.6	6	570.5	26.0	<0.5	21	<0.01	0.031

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Project: FWZ17-01
Report Date: September 25, 2017

CERTIFICATE OF ANALYSIS WHI17000697.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
1906707	Drill Core	10.8	11.0	0.01	374	0.002	0.45	<0.01	0.13	<0.5	0.32	4.7	<0.5	2.95	<5	4
1906708	Drill Core	12.5	8.8	0.01	591	0.003	0.40	<0.01	0.16	<0.5	0.11	1.6	<0.5	4.55	<5	3
1906709	Drill Core	14.1	10.4	0.01	607	0.002	0.47	<0.01	0.18	<0.5	0.08	3.1	<0.5	5.43	<5	3
1906710	Drill Core	15.5	10.9	0.01	688	0.003	0.50	<0.01	0.18	<0.5	0.13	2.8	<0.5	4.55	<5	2
1906711	Drill Core	14.9	11.8	0.05	624	0.002	0.37	<0.01	0.15	<0.5	0.12	1.3	0.6	2.41	<5	4
1906712	Drill Core	7.0	11.5	0.07	461	0.002	0.29	<0.01	0.10	<0.5	0.07	1.7	<0.5	2.89	<5	2
1906713	Drill Core	21.7	19.4	0.02	1092	0.003	0.63	<0.01	0.19	<0.5	0.16	2.2	1.1	2.18	<5	5
1906714	Drill Core	21.9	17.1	0.02	877	0.003	0.56	<0.01	0.18	<0.5	0.12	1.7	0.9	1.81	<5	4
1906715	Drill Core	14.4	14.3	0.01	778	0.003	0.46	<0.01	0.16	<0.5	0.07	2.4	0.6	2.02	<5	4
1906716	Drill Core	16.0	15.2	0.01	902	0.003	0.51	<0.01	0.18	<0.5	0.10	2.0	0.6	1.71	<5	4
1906717	Drill Core	23.1	20.0	0.02	1080	0.003	0.63	<0.01	0.21	<0.5	0.09	2.4	1.0	1.86	<5	3
1906718	Drill Core	7.8	42.5	<0.01	557	0.003	0.69	<0.01	0.07	<0.5	4.49	12.9	8.7	9.45	5	7
1906719	Drill Core	15.1	27.9	0.01	853	0.003	0.84	<0.01	0.09	<0.5	0.45	2.8	1.0	2.33	<5	4
1906720	Rock Pulp	29.0	15.6	2.85	146	0.020	0.98	0.01	0.76	0.7	0.99	3.3	28.2	4.94	<5	<2
1906721	Drill Core	15.4	20.0	0.01	1311	0.002	0.81	<0.01	0.08	<0.5	0.17	2.6	0.7	1.90	<5	4
1906722	Drill Core	13.2	17.3	0.02	1528	0.002	1.02	<0.01	0.08	<0.5	0.29	3.0	1.0	1.70	<5	5
1906723	Drill Core	15.9	23.0	0.02	2012	0.002	1.42	0.01	0.10	<0.5	1.08	2.8	1.3	1.70	<5	6
1906724	Drill Core	21.0	62.4	0.01	881	0.005	2.37	0.02	0.13	<0.5	0.51	4.2	1.8	2.31	7	5
1906725	Drill Core	20.9	48.7	<0.01	4847	0.032	2.63	0.02	0.09	<0.5	0.50	4.1	1.2	0.80	7	4
1906726	Drill Core	14.6	35.6	<0.01	1126	0.043	2.74	0.02	0.08	<0.5	2.06	2.5	5.3	1.94	8	2
1906727	Drill Core	11.5	40.0	0.02	887	0.049	1.63	<0.01	0.05	<0.5	0.81	1.8	1.4	2.14	<5	2
1906728	Drill Core	13.9	64.0	<0.01	1209	0.080	1.03	<0.01	0.02	<0.5	1.08	2.0	1.3	1.98	<5	2
1906729	Drill Core	7.7	63.5	<0.01	91	0.061	0.41	<0.01	<0.01	0.8	15.67	4.6	10.3	19.89	10	11
1906730	Drill Core	7.9	74.1	<0.01	98	0.078	0.43	<0.01	<0.01	0.8	14.71	5.1	9.1	18.00	9	12
1906731	Drill Core	2.3	26.8	0.01	106	0.008	0.18	<0.01	<0.01	0.9	16.01	6.6	7.3	17.24	6	<2
1906732	Drill Core	6.9	40.4	<0.01	174	0.029	0.21	<0.01	<0.01	1.6	12.29	3.1	9.4	11.55	8	3
1906733	Drill Core	1.9	16.0	<0.01	280	0.007	0.10	<0.01	<0.01	4.2	3.42	1.2	8.6	8.67	<5	2
1906734	Drill Core	4.4	40.0	<0.01	328	0.025	0.15	<0.01	<0.01	2.6	4.05	1.6	14.1	11.12	9	6
1906735	Drill Core	2.0	26.8	<0.01	180	0.014	0.13	<0.01	<0.01	2.0	6.08	1.4	16.3	14.78	5	4
1906736	Drill Core	0.9	15.4	<0.01	219	0.005	0.08	<0.01	<0.01	1.7	6.36	1.0	20.3	13.37	<5	<2

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Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906737	Drill Core	3.36	1.9	5.6	19078.5	32620	<0.5	5.3	4.5	70	23.80	36	1.0	0.6	8	164.5	61.5	<0.5	14	<0.01	0.023
1906738	Drill Core	4.10	1.3	4.9	6166.2	18844	<0.5	4.2	3.8	75	28.22	34	0.7	<0.5	8	89.7	62.9	<0.5	<10	<0.01	0.016
1906739	Drill Core	3.18	1.9	7.2	14066.6	41520	<0.5	6.1	5.5	67	18.58	44	1.1	1.0	12	159.0	72.8	<0.5	17	<0.01	0.025
1906740	Rock	0.52	1.3	10.5	20.2	86	<0.5	3.2	6.6	796	2.56	<5	<0.5	2.1	27	<0.5	<0.5	<0.5	40	0.88	0.048
1906741	Drill Core	3.38	2.1	7.3	13357.2	42357	<0.5	6.5	6.8	63	19.18	41	1.0	0.6	11	149.1	37.5	<0.5	28	<0.01	0.032
1906742	Drill Core	3.92	1.3	4.9	6572.9	28166	<0.5	5.4	5.5	65	33.98	34	0.6	<0.5	6	131.5	39.2	<0.5	12	<0.01	0.015
1906743	Drill Core	4.09	1.8	5.4	7908.5	29793	<0.5	5.1	5.7	77	31.46	37	1.0	0.5	10	147.5	40.1	<0.5	21	<0.01	0.021
1906744	Drill Core	1.96	2.1	21.5	18250.0	151586	<0.5	7.6	8.7	93	20.70	34	1.3	0.6	9	798.9	19.0	<0.5	31	<0.01	0.026
1906745	Drill Core	3.12	1.3	9.8	14271.3	62050	<0.5	3.4	3.3	153	16.19	28	1.3	0.5	8	512.8	15.4	<0.5	16	<0.01	0.026
1906746	Drill Core	6.33	1.6	10.8	8298.7	43407	<0.5	7.9	7.3	78	33.77	37	1.3	0.6	12	404.6	11.5	<0.5	16	<0.01	0.020
1906747	Drill Core	3.16	2.0	13.7	25010.3	104004	<0.5	6.0	9.7	65	16.14	36	1.4	0.6	13	765.0	13.1	<0.5	25	<0.01	0.038
1906748	Drill Core	4.00	4.4	16.3	15499.2	59782	<0.5	10.9	19.5	69	33.46	50	1.3	0.7	11	539.9	21.7	<0.5	40	<0.01	0.022
1906749	Drill Core	0.81	2.0	16.8	19463.8	59559	<0.5	5.2	8.4	66	14.48	26	1.7	<0.5	18	436.3	12.1	<0.5	22	<0.01	0.047
1906750	Drill Core	0.75	5.2	17.6	16520.6	54991	<0.5	12.9	21.2	67	17.68	36	1.9	0.9	19	346.2	14.3	<0.5	53	<0.01	0.040
1906751	Drill Core	4.60	1.7	8.5	16375.0	42336	<0.5	5.0	6.8	66	32.55	17	0.9	<0.5	7	257.5	17.6	<0.5	15	<0.01	0.017
1906752	Drill Core	4.53	1.4	5.3	13970.5	35545	<0.5	4.5	6.9	55	38.11	17	1.5	<0.5	16	241.8	22.3	<0.5	13	<0.01	0.029
1906753	Drill Core	2.95	3.0	11.9	14854.9	97804	<0.5	7.8	8.1	59	13.08	17	1.9	0.7	16	98.5	10.8	<0.5	33	<0.01	0.065
1906754	Drill Core	2.36	7.1	33.2	31422.6	193395	<0.5	17.9	12.2	82	10.36	41	3.7	1.5	22	77.7	11.8	<0.5	153	<0.01	0.105
1906755	Drill Core	3.53	4.3	13.3	8299.4	77141	<0.5	13.2	6.6	60	32.93	27	2.5	0.7	32	20.3	37.2	<0.5	97	<0.01	0.061
1906756	Drill Core	2.97	7.2	26.9	11313.0	129354	<0.5	19.5	8.0	71	17.64	37	4.1	1.9	18	17.8	16.5	<0.5	205	<0.01	0.078
1906757	Drill Core	3.20	7.4	28.5	13070.2	160389	<0.5	27.4	9.1	59	9.61	44	4.9	2.2	22	15.8	12.1	<0.5	270	<0.01	0.112
1906758	Drill Core	3.13	6.8	29.6	8602.5	166590	<0.5	24.0	6.6	65	7.84	52	5.0	2.4	23	18.2	9.3	<0.5	242	<0.01	0.117
1906759	Drill Core	3.55	13.2	47.9	4055.6	83929	<0.5	62.0	10.0	58	6.09	107	5.4	4.8	43	11.8	6.8	<0.5	454	0.01	0.076
1906760	Rock Pulp	0.03	4.0	493.1	35198.3	48231	58.9	17.8	45.6	2324	7.17	152	1.6	6.3	26	167.9	47.1	<0.5	<10	4.93	0.053
1906761	Drill Core	2.90	7.9	36.9	12249.0	177638	<0.5	35.7	12.4	91	6.44	72	4.7	2.5	18	19.9	13.7	<0.5	287	0.01	0.085
1906762	Drill Core	3.44	12.4	106.5	17272.0	145234	2.9	36.4	13.9	172	5.15	58	4.4	2.7	30	42.9	47.2	<0.5	313	0.01	0.089
1906763	Drill Core	4.36	13.5	90.8	12600.6	156883	5.9	45.6	16.9	121	7.88	75	2.8	2.3	83	79.6	67.9	<0.5	215	0.02	0.085
1906764	Drill Core	1.70	15.3	40.6	431.7	2901	0.9	91.7	19.3	49	15.00	97	3.0	2.7	183	11.3	64.5	<0.5	282	0.04	0.091
1906764-CW	Rock		0.7	7.2	7.9	73	<0.5	1.0	3.9	677	2.02	<5	0.5	2.6	25	<0.5	<0.5	<0.5	22	0.63	0.042
1906764-PW	Silica		<0.5	3.2	5.6	27	<0.5	0.6	<0.5	54	0.58	<5	<0.5	2.1	<5	<0.5	<0.5	<0.5	<10	<0.01	0.006

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 25, 2017

CERTIFICATE OF ANALYSIS WHI17000697.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
1906737	Drill Core	1.0	12.7	<0.01	87	0.003	0.07	<0.01	<0.01	1.1	1.46	1.7	11.2	29.25	<5	2
1906738	Drill Core	0.7	9.2	<0.01	78	<0.001	0.05	<0.01	<0.01	0.9	0.89	0.7	9.2	>30	<5	<2
1906739	Drill Core	1.4	12.5	<0.01	164	0.002	0.08	<0.01	<0.01	<0.5	1.79	1.2	8.7	22.82	<5	<2
1906740	Rock	6.9	6.7	0.68	69	0.119	1.42	0.19	0.12	<0.5	<0.05	4.5	<0.5	<0.05	<5	<2
1906741	Drill Core	1.0	14.7	<0.01	149	0.004	0.08	<0.01	<0.01	<0.5	1.55	1.5	7.8	24.52	<5	3
1906742	Drill Core	0.5	9.0	<0.01	49	0.002	0.05	<0.01	<0.01	<0.5	1.53	0.9	7.9	>30	<5	2
1906743	Drill Core	1.2	12.7	<0.01	93	0.004	0.06	<0.01	<0.01	0.6	2.09	1.0	9.1	>30	<5	2
1906744	Drill Core	1.1	15.0	<0.01	88	0.006	0.08	<0.01	<0.01	0.7	11.23	1.0	13.3	>30	5	5
1906745	Drill Core	0.9	11.7	<0.01	167	0.001	0.06	<0.01	<0.01	0.8	1.30	1.9	5.7	21.49	<5	3
1906746	Drill Core	1.1	13.8	<0.01	50	0.003	0.06	<0.01	<0.01	0.6	0.81	1.1	6.4	>30	<5	3
1906747	Drill Core	1.1	15.8	<0.01	175	0.004	0.09	<0.01	<0.01	1.0	1.36	1.1	13.6	23.59	6	4
1906748	Drill Core	1.2	22.5	<0.01	36	0.011	0.10	<0.01	<0.01	1.7	1.32	0.9	15.9	>30	<5	4
1906749	Drill Core	1.5	14.6	<0.01	171	0.004	0.10	<0.01	<0.01	1.1	1.43	1.3	12.5	19.71	<5	3
1906750	Drill Core	1.7	25.9	<0.01	131	0.015	0.12	<0.01	<0.01	1.1	1.47	1.4	12.7	23.24	<5	3
1906751	Drill Core	0.8	10.9	<0.01	39	0.003	0.06	<0.01	<0.01	<0.5	1.42	0.8	12.0	>30	<5	3
1906752	Drill Core	1.1	8.8	<0.01	43	0.002	0.07	<0.01	<0.01	0.5	1.77	1.0	12.9	>30	<5	<2
1906753	Drill Core	1.4	17.1	<0.01	162	0.007	0.14	<0.01	<0.01	0.7	1.14	0.6	9.1	19.48	<5	3
1906754	Drill Core	3.1	45.0	<0.01	187	0.046	0.29	<0.01	<0.01	<0.5	2.53	1.4	23.3	21.35	10	6
1906755	Drill Core	2.8	25.8	<0.01	86	0.028	0.22	<0.01	<0.01	<0.5	8.14	1.0	55.5	>30	<5	4
1906756	Drill Core	5.8	46.6	<0.01	159	0.057	0.33	<0.01	<0.01	<0.5	2.27	1.3	18.7	26.17	6	5
1906757	Drill Core	7.2	53.7	<0.01	217	0.071	0.37	<0.01	<0.01	<0.5	2.54	1.7	14.1	18.64	7	7
1906758	Drill Core	6.6	48.1	<0.01	217	0.059	0.37	<0.01	<0.01	<0.5	3.12	2.3	13.0	17.09	8	6
1906759	Drill Core	14.8	91.0	<0.01	357	0.124	0.64	<0.01	<0.01	0.7	1.96	2.0	16.0	11.39	5	5
1906760	Rock Pulp	24.6	15.4	2.72	248	0.019	1.03	0.02	0.71	0.5	0.78	4.1	45.4	7.99	<5	<2
1906761	Drill Core	6.3	51.5	<0.01	202	0.072	0.33	<0.01	<0.01	0.6	5.27	1.4	14.4	15.93	9	6
1906762	Drill Core	10.1	70.5	<0.01	303	0.089	0.37	<0.01	<0.01	2.3	45.12	1.6	10.1	13.24	7	7
1906763	Drill Core	7.9	58.5	<0.01	217	0.064	0.42	<0.01	<0.01	1.3	60.76	1.9	5.6	16.81	7	11
1906764	Drill Core	9.9	73.7	<0.01	322	0.080	0.73	<0.01	<0.01	1.0	5.30	1.8	10.1	17.35	<5	5
1906764-CW	Rock	7.9	2.5	0.45	72	0.094	1.04	0.15	0.13	<0.5	0.62	4.1	<0.5	0.06	<5	<2
1906764-PW	Silica	5.9	3.0	<0.01	<5	0.002	0.06	<0.01	0.04	<0.5	0.31	<0.5	<0.5	<0.05	<5	<2

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Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 25, 2017

CERTIFICATE OF ANALYSIS WHI17000697.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906765	Drill Core	2.91	5.3	31.0	143.7	329	0.5	59.3	9.1	51	4.53	55	1.9	3.1	157	3.4	14.1	<0.5	167	0.03	0.057
1906766	Rock	0.53	0.5	54.0	6.6	84	<0.5	1.1	4.2	712	2.20	<5	<0.5	1.9	29	<0.5	<0.5	<0.5	31	0.76	0.044
1906767	Drill Core	4.06	3.9	35.9	99.4	153	0.5	54.0	9.3	52	4.95	55	2.9	2.5	227	4.6	17.0	<0.5	72	0.06	0.104
1906768	Drill Core	4.44	2.8	54.7	56.5	122	<0.5	44.0	8.9	27	4.23	48	2.8	3.7	222	2.7	9.3	<0.5	52	0.05	0.082
1906769	Drill Core	1.52	4.7	53.2	81.8	148	0.7	64.1	10.8	24	2.84	61	2.0	5.1	150	4.0	12.1	<0.5	36	0.03	0.062
1906770	Drill Core	1.60	4.3	54.2	81.6	123	0.7	59.8	10.8	25	2.72	56	2.1	5.1	140	3.1	11.3	<0.5	37	0.03	0.064
1906771	Drill Core	3.38	4.0	27.6	57.9	119	<0.5	40.9	6.0	41	3.31	42	1.6	2.2	141	4.7	9.5	<0.5	29	0.05	0.079
1906772	Drill Core	3.38	2.2	32.0	66.3	96	<0.5	40.7	6.0	39	2.89	42	1.0	1.8	87	2.6	7.4	<0.5	19	0.02	0.045
1906773	Drill Core	3.97	3.4	48.4	73.6	211	0.6	41.6	8.4	48	3.59	34	1.8	3.7	133	5.8	10.7	<0.5	30	0.05	0.078
1906774	Drill Core	2.99	6.7	79.5	122.2	115	1.5	63.1	11.5	71	3.56	42	1.5	5.7	81	1.3	17.2	<0.5	35	0.04	0.050
1906775	Drill Core	2.82	6.3	61.8	90.5	95	1.2	67.6	10.6	39	2.18	37	1.6	5.6	113	1.2	13.7	<0.5	40	0.04	0.058
1906776	Drill Core	3.47	5.2	61.7	111.6	304	1.2	62.5	8.3	35	2.05	53	1.5	4.6	104	1.8	12.3	<0.5	38	0.05	0.063
1906777	Drill Core	3.30	21.0	114.4	339.4	14848	2.4	91.9	10.0	34	5.39	72	3.2	4.2	217	31.7	27.2	<0.5	84	0.11	0.152
1906778	Drill Core	4.07	7.4	55.3	121.3	3262	1.0	48.4	6.6	39	4.65	39	2.1	3.3	165	8.2	11.9	<0.5	60	0.07	0.089
1906779	Drill Core	3.82	10.4	60.3	128.1	1588	1.1	58.3	6.4	36	5.35	48	2.0	4.1	136	4.4	14.3	<0.5	67	0.10	0.098
1906780	Rock	0.52	0.7	13.6	2.4	57	<0.5	1.8	5.2	632	2.26	<5	<0.5	1.8	33	<0.5	<0.5	<0.5	37	0.96	0.044
1906781	Drill Core	4.37	12.1	48.6	79.5	493	0.9	57.3	6.9	27	3.44	42	2.4	3.8	210	2.7	16.4	<0.5	72	0.10	0.115
1906782	Drill Core	3.58	13.0	63.0	97.4	141	1.1	75.8	8.2	37	3.12	46	2.1	3.7	177	1.2	16.6	<0.5	55	0.11	0.108
1906783	Drill Core	3.92	12.7	93.1	147.7	1477	1.0	61.8	6.6	41	4.75	48	1.9	3.5	114	4.2	14.4	<0.5	64	0.18	0.117
1906784	Drill Core	2.98	18.9	80.6	117.2	1208	1.3	79.3	8.6	55	3.53	51	2.3	4.2	196	4.7	18.8	<0.5	68	0.13	0.131
1906785	Drill Core	3.86	16.0	71.1	103.5	1434	1.5	78.4	6.5	53	2.99	48	2.1	3.5	154	5.0	20.4	<0.5	76	0.19	0.123
1906786	Drill Core	4.01	8.7	73.1	101.6	213	1.2	76.8	10.2	54	5.87	51	1.4	5.2	83	3.3	16.9	<0.5	40	0.13	0.087
1906787	Drill Core	4.07	10.7	62.6	81.0	91	1.3	83.0	11.4	53	4.78	48	1.1	5.9	46	2.0	19.0	<0.5	40	0.15	0.086
1906788	Drill Core	3.83	5.5	46.8	84.7	96	1.0	59.8	9.0	43	4.97	40	1.1	4.4	75	1.7	13.8	<0.5	35	0.11	0.070
1906789	Drill Core	1.74	14.9	99.1	114.3	3029	1.5	82.9	6.0	62	2.66	47	1.7	3.3	66	9.6	15.7	<0.5	73	0.28	0.148
1906790	Drill Core	1.80	15.1	98.7	113.7	3404	1.5	82.5	6.4	62	2.62	47	1.7	3.4	69	10.7	16.3	<0.5	72	0.27	0.138
1906791	Drill Core	2.78	19.6	57.6	80.0	569	1.6	85.7	6.6	54	2.54	49	2.1	4.7	89	3.5	20.9	<0.5	83	0.25	0.135

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Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 25, 2017

CERTIFICATE OF ANALYSIS WHI17000697.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
1906765	Drill Core	9.4	46.5	<0.01	474	0.050	0.56	<0.01	<0.01	<0.5	0.59	1.9	1.7	4.85	<5	6
1906766	Rock	7.6	7.1	0.53	73	0.113	1.38	0.20	0.13	<0.5	0.16	5.9	<0.5	<0.05	<5	<2
1906767	Drill Core	9.6	33.5	<0.01	444	0.014	0.60	<0.01	<0.01	<0.5	0.70	2.4	1.3	5.30	<5	3
1906768	Drill Core	14.1	25.6	<0.01	350	0.002	0.71	<0.01	0.03	<0.5	0.31	3.8	0.7	4.71	<5	3
1906769	Drill Core	21.4	16.9	<0.01	575	0.002	0.67	<0.01	0.06	<0.5	0.35	2.5	1.0	3.10	<5	4
1906770	Drill Core	22.3	16.2	<0.01	564	0.002	0.67	<0.01	0.06	<0.5	0.27	2.7	1.0	2.96	<5	4
1906771	Drill Core	9.3	16.8	<0.01	542	0.002	0.43	<0.01	0.05	<0.5	0.33	1.9	0.9	3.44	<5	3
1906772	Drill Core	8.7	14.7	<0.01	669	0.002	0.30	<0.01	0.07	<0.5	0.22	1.7	0.7	3.00	<5	2
1906773	Drill Core	13.7	13.1	0.01	1017	0.003	0.40	<0.01	0.12	<0.5	0.34	1.5	1.6	3.96	<5	3
1906774	Drill Core	19.9	10.5	0.01	1088	0.003	0.50	<0.01	0.18	<0.5	0.38	1.5	3.2	4.07	<5	5
1906775	Drill Core	21.1	11.7	0.01	1096	0.003	0.50	<0.01	0.16	<0.5	0.33	1.7	1.7	2.39	<5	6
1906776	Drill Core	17.4	9.5	0.01	1033	0.003	0.46	<0.01	0.16	<0.5	0.34	1.3	1.3	2.20	<5	5
1906777	Drill Core	16.7	20.4	0.01	752	0.003	0.65	<0.01	0.16	<0.5	3.32	1.7	5.2	6.92	<5	14
1906778	Drill Core	13.6	13.8	0.01	832	0.003	0.46	<0.01	0.14	<0.5	0.85	1.5	1.7	5.39	<5	7
1906779	Drill Core	15.9	13.5	0.01	765	0.003	0.45	<0.01	0.14	<0.5	0.49	1.8	1.8	6.22	<5	7
1906780	Rock	6.3	4.9	0.57	71	0.110	1.23	0.10	0.11	<0.5	0.06	3.9	<0.5	<0.05	<5	<2
1906781	Drill Core	18.3	14.6	0.01	864	0.003	0.52	<0.01	0.15	<0.5	0.59	1.5	1.4	3.89	<5	5
1906782	Drill Core	16.7	11.3	0.01	796	0.002	0.47	<0.01	0.14	<0.5	0.49	1.7	1.4	3.54	<5	5
1906783	Drill Core	16.1	12.3	0.01	854	0.003	0.42	<0.01	0.16	<0.5	0.65	1.9	1.2	5.39	<5	8
1906784	Drill Core	18.4	15.5	0.01	738	0.002	0.52	<0.01	0.15	<0.5	0.80	1.8	1.4	3.90	<5	6
1906785	Drill Core	15.9	15.0	0.01	739	0.003	0.45	<0.01	0.15	<0.5	0.85	1.7	1.0	3.36	<5	7
1906786	Drill Core	17.3	9.4	0.01	687	0.002	0.41	<0.01	0.16	<0.5	0.43	2.1	0.7	6.68	<5	7
1906787	Drill Core	21.1	9.9	0.01	794	0.003	0.44	<0.01	0.18	<0.5	0.91	1.8	1.9	5.44	<5	5
1906788	Drill Core	15.1	9.3	0.01	804	0.002	0.40	<0.01	0.16	<0.5	0.73	1.6	1.5	5.57	<5	4
1906789	Drill Core	15.2	16.2	0.01	741	0.003	0.37	<0.01	0.15	<0.5	0.83	1.6	0.8	2.91	<5	10
1906790	Drill Core	16.1	15.1	0.01	726	0.003	0.37	<0.01	0.15	<0.5	0.85	1.8	0.9	2.88	<5	10
1906791	Drill Core	20.3	16.3	0.02	862	0.003	0.45	<0.01	0.19	<0.5	0.70	1.9	1.3	2.73	<5	8

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Client: **Fireweed Zinc Ltd.**
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Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: September 25, 2017

QUALITY CONTROL REPORT WHI17000697.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906716	Drill Core	3.77	6.8	127.4	97.3	92	0.7	42.9	5.7	55	1.67	19	2.3	4.5	36	1.8	3.7	<0.5	42	0.16	0.111
REP 1906716	QC		6.7	124.6	96.2	94	0.6	40.8	5.9	58	1.69	20	2.4	4.3	36	1.7	3.6	<0.5	43	0.13	0.113
1906745	Drill Core	3.12	1.3	9.8	14271.3	62050	<0.5	3.4	3.3	153	16.19	28	1.3	0.5	8	512.8	15.4	<0.5	16	<0.01	0.026
REP 1906745	QC		1.1	8.8	14124.9	61318	<0.5	3.3	3.3	152	15.91	30	1.3	0.5	8	506.6	15.0	<0.5	16	<0.01	0.025
1906779	Drill Core	3.82	10.4	60.3	128.1	1588	1.1	58.3	6.4	36	5.35	48	2.0	4.1	136	4.4	14.3	<0.5	67	0.10	0.098
REP 1906779	QC		11.0	59.8	129.1	1589	1.1	58.3	6.9	36	5.35	49	2.1	4.0	138	4.1	14.7	<0.5	70	0.10	0.098
Core Reject Duplicates																					
1906713	Drill Core	3.34	18.3	550.6	83.6	113	1.0	64.9	6.3	83	2.02	29	2.4	5.3	38	0.5	6.1	<0.5	72	0.16	0.116
DUP 1906713	QC		17.7	700.4	86.1	121	1.0	66.3	7.0	84	2.25	30	2.6	5.6	40	<0.5	6.1	<0.5	83	0.17	0.119
1906747	Drill Core	3.16	2.0	13.7	25010.3	104004	<0.5	6.0	9.7	65	16.14	36	1.4	0.6	13	765.0	13.1	<0.5	25	<0.01	0.038
DUP 1906747	QC		2.1	13.3	25641.1	105339	<0.5	6.5	9.9	68	16.36	37	1.5	0.6	13	763.6	12.9	<0.5	28	<0.01	0.045
1906781	Drill Core	4.37	12.1	48.6	79.5	493	0.9	57.3	6.9	27	3.44	42	2.4	3.8	210	2.7	16.4	<0.5	72	0.10	0.115
DUP 1906781	QC		11.4	47.7	78.0	497	0.7	58.9	7.1	29	4.03	46	2.3	3.8	219	3.2	18.0	<0.5	70	0.11	0.123
Reference Materials																					
STD GBM398-4-AR	Standard		892.5	3949.7	12737.2	5175	48.7	3966.4	1933.5	5184	3.62	6	0.7	0.9	14	8.6	7.3	13.2	24	0.31	0.018
STD GBM398-4-AR	Standard		889.4	3909.7	12892.4	5275	50.2	4016.3	2026.7	5189	3.75	7	0.6	0.8	12	9.3	7.2	12.9	23	0.32	0.019
STD GBM398-4-AR	Standard		925.5	4034.8	12049.7	5466	50.7	4290.4	2014.5	5350	3.93	7	0.7	0.9	14	9.6	7.4	14.4	19	0.34	0.023
STD OREAS927-AR	Standard		1.1	10744.8	218.9	707	4.0	31.1	30.9	1233	7.91	12	1.8	13.6	14	1.1	1.3	75.1	35	0.29	0.050
STD OREAS927-AR	Standard		0.9	10712.1	216.4	736	4.4	29.9	30.4	1046	8.10	12	1.6	11.7	12	1.1	1.2	70.8	30	0.29	0.055
STD OREAS927-AR	Standard		1.0	10579.4	229.8	702	4.8	30.0	29.5	1124	7.80	12	1.7	12.6	14	0.9	1.4	70.1	34	0.30	0.049
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	0.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
Prep Wash																					
ROCK-WHI	Prep Blank		0.7	5.8	1.5	38	<0.5	1.8	3.6	632	1.90	<5	<0.5	2.3	21	<0.5	<0.5	<0.5	25	0.57	0.040
ROCK-WHI	Prep Blank		0.9	4.1	1.3	36	<0.5	1.1	3.9	667	1.91	<5	<0.5	2.6	29	<0.5	<0.5	<0.5	26	0.66	0.039

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: September 25, 2017

QUALITY CONTROL REPORT WHI17000697.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
Pulp Duplicates																
1906716	Drill Core	16.0	15.2	0.01	902	0.003	0.51	<0.01	0.18	<0.5	0.10	2.0	0.6	1.71	<5	4
REP 1906716	QC	16.3	15.6	0.01	915	0.003	0.52	<0.01	0.18	<0.5	0.14	2.2	0.6	1.73	<5	3
1906745	Drill Core	0.9	11.7	<0.01	167	0.001	0.06	<0.01	<0.01	0.8	1.30	1.9	5.7	21.49	<5	3
REP 1906745	QC	1.0	12.3	<0.01	173	0.002	0.06	<0.01	<0.01	0.8	1.04	1.4	5.7	21.43	<5	<2
1906779	Drill Core	15.9	13.5	0.01	765	0.003	0.45	<0.01	0.14	<0.5	0.49	1.8	1.8	6.22	<5	7
REP 1906779	QC	17.3	13.6	0.01	806	0.003	0.47	<0.01	0.14	<0.5	0.64	1.7	1.8	6.24	<5	6
Core Reject Duplicates																
1906713	Drill Core	21.7	19.4	0.02	1092	0.003	0.63	<0.01	0.19	<0.5	0.16	2.2	1.1	2.18	<5	5
DUP 1906713	QC	22.3	22.5	0.02	1133	0.003	0.71	<0.01	0.22	<0.5	0.16	2.4	1.2	2.40	<5	3
1906747	Drill Core	1.1	15.8	<0.01	175	0.004	0.09	<0.01	<0.01	1.0	1.36	1.1	13.6	23.59	6	4
DUP 1906747	QC	1.0	16.3	<0.01	166	0.004	0.09	<0.01	<0.01	1.1	1.41	1.1	13.9	23.82	6	4
1906781	Drill Core	18.3	14.6	0.01	864	0.003	0.52	<0.01	0.15	<0.5	0.59	1.5	1.4	3.89	<5	5
DUP 1906781	QC	17.1	15.1	0.01	825	0.003	0.52	<0.01	0.14	<0.5	0.62	1.9	1.5	4.55	<5	6
Reference Materials																
STD GBM398-4-AR	Standard	3.0	2009.9	0.13	19	0.113	0.49	0.23	0.11	2.7	2.99	1.9	<0.5	0.92	<5	3
STD GBM398-4-AR	Standard	2.6	1983.9	0.12	19	0.110	0.47	0.24	0.11	2.9	3.01	2.4	<0.5	0.95	<5	2
STD GBM398-4-AR	Standard	3.6	2019.3	0.13	21	0.114	0.47	0.27	0.12	3.3	3.06	2.0	<0.5	0.97	<5	5
STD OREAS927-AR	Standard	27.8	41.0	1.90	49	0.081	3.13	<0.01	0.26	4.5	0.14	4.4	<0.5	1.74	9	16
STD OREAS927-AR	Standard	25.6	40.7	1.92	46	0.081	3.13	<0.01	0.26	4.9	0.11	5.5	<0.5	1.75	9	14
STD OREAS927-AR	Standard	28.2	42.2	1.90	48	0.086	3.35	<0.01	0.30	5.4	0.39	6.8	<0.5	1.71	9	15
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2
BLK	Blank	<0.5	0.6	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.07	<0.5	<0.5	<0.05	<5	<2
Prep Wash																
ROCK-WHI	Prep Blank	6.2	3.2	0.47	59	0.093	0.87	0.09	0.12	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2
ROCK-WHI	Prep Blank	6.6	2.8	0.50	64	0.098	0.98	0.10	0.14	<0.5	<0.05	3.9	<0.5	<0.05	<5	<2

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 25, 2017
Report Date: November 09, 2017
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI17000697.2

CLIENT JOB INFORMATION

Project:	FWZ17-01
Shipment ID:	FWZ17-01013
P.O. Number	FWZ17-01013
Number of Samples:	87

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	84	Crush, split and pulverize 500g rock to 200 mesh			WHI
CRUBW	1	Extra clean rock wash between samples in crusher			WHI
PULSW	1	Extra Wash with Silica between each sample			VAN
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
SLBHP	3	Sort, label and box pulps			WHI
SPTPL	85	Splitting of pulp samples for client			VAN
AQ270	87	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	86	Per sample shipping charges for branch shipments			VAN
MA404	20	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: MA404 - Pb/Zn included.

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: November 09, 2017

CERTIFICATE OF ANALYSIS WHI17000697.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906707	Drill Core	4.04	9.5	57.6	130.1	725	0.7	43.3	5.7	54	3.31	32	1.1	2.8	25	4.3	4.5	<0.5	32	0.02	0.037
1906708	Drill Core	3.50	4.0	41.0	109.0	126	<0.5	21.0	4.3	33	4.29	12	0.9	3.9	27	1.0	2.0	<0.5	28	0.12	0.067
1906709	Drill Core	2.55	4.6	31.5	104.3	217	<0.5	27.3	5.5	30	5.12	16	1.2	4.5	27	0.6	2.5	<0.5	35	0.09	0.060
1906710	Drill Core	2.03	4.8	28.6	114.0	278	<0.5	25.1	4.9	32	4.53	16	1.3	5.0	27	<0.5	2.8	<0.5	35	0.07	0.058
1906711	Drill Core	4.04	13.9	64.7	58.6	140	0.7	57.4	5.9	107	2.28	31	1.5	3.8	38	1.2	4.4	<0.5	48	0.22	0.079
1906712	Drill Core	4.41	4.9	153.7	58.3	2249	<0.5	40.3	4.6	285	3.29	35	1.3	1.6	50	0.8	2.8	<0.5	31	0.22	0.075
1906713	Drill Core	3.34	18.3	550.6	83.6	113	1.0	64.9	6.3	83	2.02	29	2.4	5.3	38	0.5	6.1	<0.5	72	0.16	0.116
1906714	Drill Core	4.12	17.7	114.9	85.3	110	0.9	66.0	6.6	72	1.66	31	2.3	5.5	34	0.7	5.6	<0.5	67	0.21	0.132
1906715	Drill Core	3.28	5.9	105.5	78.2	396	0.5	43.2	6.2	104	2.14	19	2.2	3.7	30	2.7	3.2	<0.5	40	0.16	0.109
1906716	Drill Core	3.77	6.8	127.4	97.3	92	0.7	42.9	5.7	55	1.67	19	2.3	4.5	36	1.8	3.7	<0.5	42	0.16	0.111
1906717	Drill Core	2.48	20.3	240.8	94.2	145	0.8	71.9	6.8	86	1.79	34	2.7	5.7	47	1.3	5.9	<0.5	75	0.20	0.121
1906718	Drill Core	3.83	11.9	115.0	1472.4	27138	2.6	56.9	17.3	50	7.18	199	9.4	2.8	107	357.0	23.3	<0.5	77	0.07	0.295
1906719	Drill Core	2.99	16.4	38.4	283.6	1372	0.6	69.2	8.7	62	2.14	78	2.4	3.5	32	50.0	12.6	<0.5	120	0.14	0.114
1906720	Rock Pulp	0.03	2.7	242.6	21049.4	30815	35.9	27.6	21.6	1888	5.45	90	1.9	8.1	28	101.5	55.5	<0.5	12	5.23	0.055
1906721	Drill Core	3.74	20.3	46.2	155.4	244	0.6	88.8	7.7	82	1.74	50	1.7	3.7	37	1.7	16.5	<0.5	124	0.23	0.123
1906722	Drill Core	1.60	15.0	50.4	1373.8	2655	1.5	76.3	7.3	296	2.45	42	1.3	3.5	37	1.6	20.5	<0.5	100	0.22	0.093
1906723	Drill Core	5.07	11.3	47.3	1409.5	5774	1.1	62.9	6.6	310	2.51	48	1.4	4.1	42	11.2	20.2	<0.5	127	0.19	0.083
1906724	Drill Core	4.49	20.8	68.7	410.4	1665	0.9	87.8	9.2	164	3.17	60	1.5	4.7	66	2.7	43.1	<0.5	387	0.19	0.087
1906725	Drill Core	3.85	15.1	44.5	738.0	1411	0.9	66.1	6.6	190	2.14	42	1.7	5.0	61	2.1	28.5	<0.5	262	0.17	0.085
1906726	Drill Core	4.08	11.9	46.9	683.1	9698	0.6	77.2	10.3	240	3.34	80	1.3	3.8	56	18.7	43.3	<0.5	175	0.16	0.074
1906727	Drill Core	3.81	4.7	31.5	649.1	4679	<0.5	55.7	8.5	282	3.18	84	1.0	3.4	40	5.3	24.5	<0.5	176	0.12	0.057
1906728	Drill Core	4.13	9.4	29.2	380.8	3893	<0.5	69.1	8.5	54	2.00	68	1.8	4.3	69	10.5	24.6	<0.5	287	0.05	0.046
1906729	Drill Core	1.61	16.0	90.9	25010.1	78311	7.8	64.4	51.7	48	14.22	458	6.7	3.0	46	350.6	163.7	<0.5	238	0.01	0.111
1906730	Drill Core	1.37	17.2	129.5	22858.4	76220	7.1	71.0	47.2	68	12.73	399	6.3	3.2	47	305.7	152.7	<0.5	295	<0.01	0.098
1906731	Drill Core	2.50	5.7	45.6	39989.9	93723	1.0	24.8	27.6	86	11.49	277	5.4	1.6	18	459.9	85.3	<0.5	54	0.03	0.065
1906732	Drill Core	1.62	7.5	42.6	35872.3	97372	1.2	38.6	32.5	144	6.27	130	3.7	4.1	16	332.8	45.9	<0.5	95	<0.01	0.042
1906733	Drill Core	3.76	3.9	17.8	21808.9	83474	0.5	11.6	10.4	57	4.28	38	1.1	1.1	6	242.3	16.1	<0.5	29	<0.01	0.028
1906734	Drill Core	2.37	9.7	35.1	25250.2	120975	0.7	26.9	25.9	68	4.88	68	2.2	2.9	13	330.9	21.9	<0.5	80	<0.01	0.034
1906735	Drill Core	3.42	5.8	22.9	22071.0	125167	<0.5	21.5	34.1	69	8.01	95	1.6	2.0	9	375.7	25.8	<0.5	47	<0.01	0.027
1906736	Drill Core	2.15	2.5	12.9	30884.2	147069	<0.5	5.5	4.5	85	5.71	21	0.9	0.6	6	570.5	26.0	<0.5	21	<0.01	0.031

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: November 09, 2017

CERTIFICATE OF ANALYSIS WHI17000697.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906707	Drill Core	10.8	11.0	0.01	374	0.002	0.45	<0.01	0.13	<0.5	0.32	4.7	<0.5	2.95	<5	4		
1906708	Drill Core	12.5	8.8	0.01	591	0.003	0.40	<0.01	0.16	<0.5	0.11	1.6	<0.5	4.55	<5	3		
1906709	Drill Core	14.1	10.4	0.01	607	0.002	0.47	<0.01	0.18	<0.5	0.08	3.1	<0.5	5.43	<5	3		
1906710	Drill Core	15.5	10.9	0.01	688	0.003	0.50	<0.01	0.18	<0.5	0.13	2.8	<0.5	4.55	<5	2		
1906711	Drill Core	14.9	11.8	0.05	624	0.002	0.37	<0.01	0.15	<0.5	0.12	1.3	0.6	2.41	<5	4		
1906712	Drill Core	7.0	11.5	0.07	461	0.002	0.29	<0.01	0.10	<0.5	0.07	1.7	<0.5	2.89	<5	2		
1906713	Drill Core	21.7	19.4	0.02	1092	0.003	0.63	<0.01	0.19	<0.5	0.16	2.2	1.1	2.18	<5	5		
1906714	Drill Core	21.9	17.1	0.02	877	0.003	0.56	<0.01	0.18	<0.5	0.12	1.7	0.9	1.81	<5	4		
1906715	Drill Core	14.4	14.3	0.01	778	0.003	0.46	<0.01	0.16	<0.5	0.07	2.4	0.6	2.02	<5	4		
1906716	Drill Core	16.0	15.2	0.01	902	0.003	0.51	<0.01	0.18	<0.5	0.10	2.0	0.6	1.71	<5	4		
1906717	Drill Core	23.1	20.0	0.02	1080	0.003	0.63	<0.01	0.21	<0.5	0.09	2.4	1.0	1.86	<5	3		
1906718	Drill Core	7.8	42.5	<0.01	557	0.003	0.69	<0.01	0.07	<0.5	4.49	12.9	8.7	9.45	5	7		
1906719	Drill Core	15.1	27.9	0.01	853	0.003	0.84	<0.01	0.09	<0.5	0.45	2.8	1.0	2.33	<5	4		
1906720	Rock Pulp	29.0	15.6	2.85	146	0.020	0.98	0.01	0.76	0.7	0.99	3.3	28.2	4.94	<5	<2		
1906721	Drill Core	15.4	20.0	0.01	1311	0.002	0.81	<0.01	0.08	<0.5	0.17	2.6	0.7	1.90	<5	4		
1906722	Drill Core	13.2	17.3	0.02	1528	0.002	1.02	<0.01	0.08	<0.5	0.29	3.0	1.0	1.70	<5	5		
1906723	Drill Core	15.9	23.0	0.02	2012	0.002	1.42	0.01	0.10	<0.5	1.08	2.8	1.3	1.70	<5	6		
1906724	Drill Core	21.0	62.4	0.01	881	0.005	2.37	0.02	0.13	<0.5	0.51	4.2	1.8	2.31	7	5		
1906725	Drill Core	20.9	48.7	<0.01	4847	0.032	2.63	0.02	0.09	<0.5	0.50	4.1	1.2	0.80	7	4		
1906726	Drill Core	14.6	35.6	<0.01	1126	0.043	2.74	0.02	0.08	<0.5	2.06	2.5	5.3	1.94	8	2		
1906727	Drill Core	11.5	40.0	0.02	887	0.049	1.63	<0.01	0.05	<0.5	0.81	1.8	1.4	2.14	<5	2		
1906728	Drill Core	13.9	64.0	<0.01	1209	0.080	1.03	<0.01	0.02	<0.5	1.08	2.0	1.3	1.98	<5	2		
1906729	Drill Core	7.7	63.5	<0.01	91	0.061	0.41	<0.01	<0.01	0.8	15.67	4.6	10.3	19.89	10	11	2.16	7.92
1906730	Drill Core	7.9	74.1	<0.01	98	0.078	0.43	<0.01	<0.01	0.8	14.71	5.1	9.1	18.00	9	12	2.16	7.66
1906731	Drill Core	2.3	26.8	0.01	106	0.008	0.18	<0.01	<0.01	0.9	16.01	6.6	7.3	17.24	6	<2	3.92	9.01
1906732	Drill Core	6.9	40.4	<0.01	174	0.029	0.21	<0.01	<0.01	1.6	12.29	3.1	9.4	11.55	8	3	3.64	9.80
1906733	Drill Core	1.9	16.0	<0.01	280	0.007	0.10	<0.01	<0.01	4.2	3.42	1.2	8.6	8.67	<5	2	2.01	8.26
1906734	Drill Core	4.4	40.0	<0.01	328	0.025	0.15	<0.01	<0.01	2.6	4.05	1.6	14.1	11.12	9	6	2.50	12.57
1906735	Drill Core	2.0	26.8	<0.01	180	0.014	0.13	<0.01	<0.01	2.0	6.08	1.4	16.3	14.78	5	4	1.95	12.96
1906736	Drill Core	0.9	15.4	<0.01	219	0.005	0.08	<0.01	<0.01	1.7	6.36	1.0	20.3	13.37	<5	<2	3.01	14.48

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: November 09, 2017

CERTIFICATE OF ANALYSIS WHI17000697.2

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906737	Drill Core	3.36	1.9	5.6	19078.5	32620	<0.5	5.3	4.5	70	23.80	36	1.0	0.6	8	164.5	61.5	<0.5	14	<0.01	0.023
1906738	Drill Core	4.10	1.3	4.9	6166.2	18844	<0.5	4.2	3.8	75	28.22	34	0.7	<0.5	8	89.7	62.9	<0.5	<10	<0.01	0.016
1906739	Drill Core	3.18	1.9	7.2	14066.6	41520	<0.5	6.1	5.5	67	18.58	44	1.1	1.0	12	159.0	72.8	<0.5	17	<0.01	0.025
1906740	Rock	0.52	1.3	10.5	20.2	86	<0.5	3.2	6.6	796	2.56	<5	<0.5	2.1	27	<0.5	<0.5	<0.5	40	0.88	0.048
1906741	Drill Core	3.38	2.1	7.3	13357.2	42357	<0.5	6.5	6.8	63	19.18	41	1.0	0.6	11	149.1	37.5	<0.5	28	<0.01	0.032
1906742	Drill Core	3.92	1.3	4.9	6572.9	28166	<0.5	5.4	5.5	65	33.98	34	0.6	<0.5	6	131.5	39.2	<0.5	12	<0.01	0.015
1906743	Drill Core	4.09	1.8	5.4	7908.5	29793	<0.5	5.1	5.7	77	31.46	37	1.0	0.5	10	147.5	40.1	<0.5	21	<0.01	0.021
1906744	Drill Core	1.96	2.1	21.5	18250.0	151586	<0.5	7.6	8.7	93	20.70	34	1.3	0.6	9	798.9	19.0	<0.5	31	<0.01	0.026
1906745	Drill Core	3.12	1.3	9.8	14271.3	62050	<0.5	3.4	3.3	153	16.19	28	1.3	0.5	8	512.8	15.4	<0.5	16	<0.01	0.026
1906746	Drill Core	6.33	1.6	10.8	8298.7	43407	<0.5	7.9	7.3	78	33.77	37	1.3	0.6	12	404.6	11.5	<0.5	16	<0.01	0.020
1906747	Drill Core	3.16	2.0	13.7	25010.3	104004	<0.5	6.0	9.7	65	16.14	36	1.4	0.6	13	765.0	13.1	<0.5	25	<0.01	0.038
1906748	Drill Core	4.00	4.4	16.3	15499.2	59782	<0.5	10.9	19.5	69	33.46	50	1.3	0.7	11	539.9	21.7	<0.5	40	<0.01	0.022
1906749	Drill Core	0.81	2.0	16.8	19463.8	59559	<0.5	5.2	8.4	66	14.48	26	1.7	<0.5	18	436.3	12.1	<0.5	22	<0.01	0.047
1906750	Drill Core	0.75	5.2	17.6	16520.6	54991	<0.5	12.9	21.2	67	17.68	36	1.9	0.9	19	346.2	14.3	<0.5	53	<0.01	0.040
1906751	Drill Core	4.60	1.7	8.5	16375.0	42336	<0.5	5.0	6.8	66	32.55	17	0.9	<0.5	7	257.5	17.6	<0.5	15	<0.01	0.017
1906752	Drill Core	4.53	1.4	5.3	13970.5	35545	<0.5	4.5	6.9	55	38.11	17	1.5	<0.5	16	241.8	22.3	<0.5	13	<0.01	0.029
1906753	Drill Core	2.95	3.0	11.9	14854.9	97804	<0.5	7.8	8.1	59	13.08	17	1.9	0.7	16	98.5	10.8	<0.5	33	<0.01	0.065
1906754	Drill Core	2.36	7.1	33.2	31422.6	193395	<0.5	17.9	12.2	82	10.36	41	3.7	1.5	22	77.7	11.8	<0.5	153	<0.01	0.105
1906755	Drill Core	3.53	4.3	13.3	8299.4	77141	<0.5	13.2	6.6	60	32.93	27	2.5	0.7	32	20.3	37.2	<0.5	97	<0.01	0.061
1906756	Drill Core	2.97	7.2	26.9	11313.0	129354	<0.5	19.5	8.0	71	17.64	37	4.1	1.9	18	17.8	16.5	<0.5	205	<0.01	0.078
1906757	Drill Core	3.20	7.4	28.5	13070.2	160389	<0.5	27.4	9.1	59	9.61	44	4.9	2.2	22	15.8	12.1	<0.5	270	<0.01	0.112
1906758	Drill Core	3.13	6.8	29.6	8602.5	166590	<0.5	24.0	6.6	65	7.84	52	5.0	2.4	23	18.2	9.3	<0.5	242	<0.01	0.117
1906759	Drill Core	3.55	13.2	47.9	4055.6	83929	<0.5	62.0	10.0	58	6.09	107	5.4	4.8	43	11.8	6.8	<0.5	454	0.01	0.076
1906760	Rock Pulp	0.03	4.0	493.1	35198.3	48231	58.9	17.8	45.6	2324	7.17	152	1.6	6.3	26	167.9	47.1	<0.5	<10	4.93	0.053
1906761	Drill Core	2.90	7.9	36.9	12249.0	177638	<0.5	35.7	12.4	91	6.44	72	4.7	2.5	18	19.9	13.7	<0.5	287	0.01	0.085
1906762	Drill Core	3.44	12.4	106.5	17272.0	145234	2.9	36.4	13.9	172	5.15	58	4.4	2.7	30	42.9	47.2	<0.5	313	0.01	0.089
1906763	Drill Core	4.36	13.5	90.8	12600.6	156883	5.9	45.6	16.9	121	7.88	75	2.8	2.3	83	79.6	67.9	<0.5	215	0.02	0.085
1906764	Drill Core	1.70	15.3	40.6	431.7	2901	0.9	91.7	19.3	49	15.00	97	3.0	2.7	183	11.3	64.5	<0.5	282	0.04	0.091
1906764-CW	Rock		0.7	7.2	7.9	73	<0.5	1.0	3.9	677	2.02	<5	0.5	2.6	25	<0.5	<0.5	<0.5	22	0.63	0.042
1906764-PW	Silica		<0.5	3.2	5.6	27	<0.5	0.6	<0.5	54	0.58	<5	<0.5	2.1	<5	<0.5	<0.5	<0.5	<10	<0.01	0.006

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: November 09, 2017

CERTIFICATE OF ANALYSIS WHI17000697.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906737	Drill Core	1.0	12.7	<0.01	87	0.003	0.07	<0.01	<0.01	1.1	1.46	1.7	11.2	29.25	<5	2		
1906738	Drill Core	0.7	9.2	<0.01	78	<0.001	0.05	<0.01	<0.01	0.9	0.89	0.7	9.2	>30	<5	<2		
1906739	Drill Core	1.4	12.5	<0.01	164	0.002	0.08	<0.01	<0.01	<0.5	1.79	1.2	8.7	22.82	<5	<2		
1906740	Rock	6.9	6.7	0.68	69	0.119	1.42	0.19	0.12	<0.5	<0.05	4.5	<0.5	<0.05	<5	<2		
1906741	Drill Core	1.0	14.7	<0.01	149	0.004	0.08	<0.01	<0.01	<0.5	1.55	1.5	7.8	24.52	<5	3		
1906742	Drill Core	0.5	9.0	<0.01	49	0.002	0.05	<0.01	<0.01	<0.5	1.53	0.9	7.9	>30	<5	2		
1906743	Drill Core	1.2	12.7	<0.01	93	0.004	0.06	<0.01	<0.01	0.6	2.09	1.0	9.1	>30	<5	2		
1906744	Drill Core	1.1	15.0	<0.01	88	0.006	0.08	<0.01	<0.01	0.7	11.23	1.0	13.3	>30	5	5	1.77	15.42
1906745	Drill Core	0.9	11.7	<0.01	167	0.001	0.06	<0.01	<0.01	0.8	1.30	1.9	5.7	21.49	<5	3		
1906746	Drill Core	1.1	13.8	<0.01	50	0.003	0.06	<0.01	<0.01	0.6	0.81	1.1	6.4	>30	<5	3		
1906747	Drill Core	1.1	15.8	<0.01	175	0.004	0.09	<0.01	<0.01	1.0	1.36	1.1	13.6	23.59	6	4	2.44	10.48
1906748	Drill Core	1.2	22.5	<0.01	36	0.011	0.10	<0.01	<0.01	1.7	1.32	0.9	15.9	>30	<5	4		
1906749	Drill Core	1.5	14.6	<0.01	171	0.004	0.10	<0.01	<0.01	1.1	1.43	1.3	12.5	19.71	<5	3		
1906750	Drill Core	1.7	25.9	<0.01	131	0.015	0.12	<0.01	<0.01	1.1	1.47	1.4	12.7	23.24	<5	3		
1906751	Drill Core	0.8	10.9	<0.01	39	0.003	0.06	<0.01	<0.01	<0.5	1.42	0.8	12.0	>30	<5	3		
1906752	Drill Core	1.1	8.8	<0.01	43	0.002	0.07	<0.01	<0.01	0.5	1.77	1.0	12.9	>30	<5	<2		
1906753	Drill Core	1.4	17.1	<0.01	162	0.007	0.14	<0.01	<0.01	0.7	1.14	0.6	9.1	19.48	<5	3	1.52	9.82
1906754	Drill Core	3.1	45.0	<0.01	187	0.046	0.29	<0.01	<0.01	<0.5	2.53	1.4	23.3	21.35	10	6	2.99	19.41
1906755	Drill Core	2.8	25.8	<0.01	86	0.028	0.22	<0.01	<0.01	<0.5	8.14	1.0	55.5	>30	<5	4	0.83	7.64
1906756	Drill Core	5.8	46.6	<0.01	159	0.057	0.33	<0.01	<0.01	<0.5	2.27	1.3	18.7	26.17	6	5	1.09	12.96
1906757	Drill Core	7.2	53.7	<0.01	217	0.071	0.37	<0.01	<0.01	<0.5	2.54	1.7	14.1	18.64	7	7	1.29	16.32
1906758	Drill Core	6.6	48.1	<0.01	217	0.059	0.37	<0.01	<0.01	<0.5	3.12	2.3	13.0	17.09	8	6	0.88	16.94
1906759	Drill Core	14.8	91.0	<0.01	357	0.124	0.64	<0.01	<0.01	0.7	1.96	2.0	16.0	11.39	5	5	0.39	8.38
1906760	Rock Pulp	24.6	15.4	2.72	248	0.019	1.03	0.02	0.71	0.5	0.78	4.1	45.4	7.99	<5	<2		
1906761	Drill Core	6.3	51.5	<0.01	202	0.072	0.33	<0.01	<0.01	0.6	5.27	1.4	14.4	15.93	9	6	1.16	17.39
1906762	Drill Core	10.1	70.5	<0.01	303	0.089	0.37	<0.01	<0.01	2.3	45.12	1.6	10.1	13.24	7	7	1.66	14.87
1906763	Drill Core	7.9	58.5	<0.01	217	0.064	0.42	<0.01	<0.01	1.3	60.76	1.9	5.6	16.81	7	11	1.26	16.17
1906764	Drill Core	9.9	73.7	<0.01	322	0.080	0.73	<0.01	<0.01	1.0	5.30	1.8	10.1	17.35	<5	5		
1906764-CW	Rock	7.9	2.5	0.45	72	0.094	1.04	0.15	0.13	<0.5	0.62	4.1	<0.5	0.06	<5	<2		
1906764-PW	Silica	5.9	3.0	<0.01	<5	0.002	0.06	<0.01	0.04	<0.5	0.31	<0.5	<0.5	<0.05	<5	<2		

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906765	Drill Core	2.91	5.3	31.0	143.7	329	0.5	59.3	9.1	51	4.53	55	1.9	3.1	157	3.4	14.1	<0.5	167	0.03	0.057
1906766	Rock	0.53	0.5	54.0	6.6	84	<0.5	1.1	4.2	712	2.20	<5	<0.5	1.9	29	<0.5	<0.5	<0.5	31	0.76	0.044
1906767	Drill Core	4.06	3.9	35.9	99.4	153	0.5	54.0	9.3	52	4.95	55	2.9	2.5	227	4.6	17.0	<0.5	72	0.06	0.104
1906768	Drill Core	4.44	2.8	54.7	56.5	122	<0.5	44.0	8.9	27	4.23	48	2.8	3.7	222	2.7	9.3	<0.5	52	0.05	0.082
1906769	Drill Core	1.52	4.7	53.2	81.8	148	0.7	64.1	10.8	24	2.84	61	2.0	5.1	150	4.0	12.1	<0.5	36	0.03	0.062
1906770	Drill Core	1.60	4.3	54.2	81.6	123	0.7	59.8	10.8	25	2.72	56	2.1	5.1	140	3.1	11.3	<0.5	37	0.03	0.064
1906771	Drill Core	3.38	4.0	27.6	57.9	119	<0.5	40.9	6.0	41	3.31	42	1.6	2.2	141	4.7	9.5	<0.5	29	0.05	0.079
1906772	Drill Core	3.38	2.2	32.0	66.3	96	<0.5	40.7	6.0	39	2.89	42	1.0	1.8	87	2.6	7.4	<0.5	19	0.02	0.045
1906773	Drill Core	3.97	3.4	48.4	73.6	211	0.6	41.6	8.4	48	3.59	34	1.8	3.7	133	5.8	10.7	<0.5	30	0.05	0.078
1906774	Drill Core	2.99	6.7	79.5	122.2	115	1.5	63.1	11.5	71	3.56	42	1.5	5.7	81	1.3	17.2	<0.5	35	0.04	0.050
1906775	Drill Core	2.82	6.3	61.8	90.5	95	1.2	67.6	10.6	39	2.18	37	1.6	5.6	113	1.2	13.7	<0.5	40	0.04	0.058
1906776	Drill Core	3.47	5.2	61.7	111.6	304	1.2	62.5	8.3	35	2.05	53	1.5	4.6	104	1.8	12.3	<0.5	38	0.05	0.063
1906777	Drill Core	3.30	21.0	114.4	339.4	14848	2.4	91.9	10.0	34	5.39	72	3.2	4.2	217	31.7	27.2	<0.5	84	0.11	0.152
1906778	Drill Core	4.07	7.4	55.3	121.3	3262	1.0	48.4	6.6	39	4.65	39	2.1	3.3	165	8.2	11.9	<0.5	60	0.07	0.089
1906779	Drill Core	3.82	10.4	60.3	128.1	1588	1.1	58.3	6.4	36	5.35	48	2.0	4.1	136	4.4	14.3	<0.5	67	0.10	0.098
1906780	Rock	0.52	0.7	13.6	2.4	57	<0.5	1.8	5.2	632	2.26	<5	<0.5	1.8	33	<0.5	<0.5	<0.5	37	0.96	0.044
1906781	Drill Core	4.37	12.1	48.6	79.5	493	0.9	57.3	6.9	27	3.44	42	2.4	3.8	210	2.7	16.4	<0.5	72	0.10	0.115
1906782	Drill Core	3.58	13.0	63.0	97.4	141	1.1	75.8	8.2	37	3.12	46	2.1	3.7	177	1.2	16.6	<0.5	55	0.11	0.108
1906783	Drill Core	3.92	12.7	93.1	147.7	1477	1.0	61.8	6.6	41	4.75	48	1.9	3.5	114	4.2	14.4	<0.5	64	0.18	0.117
1906784	Drill Core	2.98	18.9	80.6	117.2	1208	1.3	79.3	8.6	55	3.53	51	2.3	4.2	196	4.7	18.8	<0.5	68	0.13	0.131
1906785	Drill Core	3.86	16.0	71.1	103.5	1434	1.5	78.4	6.5	53	2.99	48	2.1	3.5	154	5.0	20.4	<0.5	76	0.19	0.123
1906786	Drill Core	4.01	8.7	73.1	101.6	213	1.2	76.8	10.2	54	5.87	51	1.4	5.2	83	3.3	16.9	<0.5	40	0.13	0.087
1906787	Drill Core	4.07	10.7	62.6	81.0	91	1.3	83.0	11.4	53	4.78	48	1.1	5.9	46	2.0	19.0	<0.5	40	0.15	0.086
1906788	Drill Core	3.83	5.5	46.8	84.7	96	1.0	59.8	9.0	43	4.97	40	1.1	4.4	75	1.7	13.8	<0.5	35	0.11	0.070
1906789	Drill Core	1.74	14.9	99.1	114.3	3029	1.5	82.9	6.0	62	2.66	47	1.7	3.3	66	9.6	15.7	<0.5	73	0.28	0.148
1906790	Drill Core	1.80	15.1	98.7	113.7	3404	1.5	82.5	6.4	62	2.62	47	1.7	3.4	69	10.7	16.3	<0.5	72	0.27	0.138
1906791	Drill Core	2.78	19.6	57.6	80.0	569	1.6	85.7	6.6	54	2.54	49	2.1	4.7	89	3.5	20.9	<0.5	83	0.25	0.135

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: November 09, 2017

CERTIFICATE OF ANALYSIS WHI17000697.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906765	Drill Core	9.4	46.5	<0.01	474	0.050	0.56	<0.01	<0.01	<0.5	0.59	1.9	1.7	4.85	<5	6		
1906766	Rock	7.6	7.1	0.53	73	0.113	1.38	0.20	0.13	<0.5	0.16	5.9	<0.5	<0.05	<5	<2		
1906767	Drill Core	9.6	33.5	<0.01	444	0.014	0.60	<0.01	<0.01	<0.5	0.70	2.4	1.3	5.30	<5	3		
1906768	Drill Core	14.1	25.6	<0.01	350	0.002	0.71	<0.01	0.03	<0.5	0.31	3.8	0.7	4.71	<5	3		
1906769	Drill Core	21.4	16.9	<0.01	575	0.002	0.67	<0.01	0.06	<0.5	0.35	2.5	1.0	3.10	<5	4		
1906770	Drill Core	22.3	16.2	<0.01	564	0.002	0.67	<0.01	0.06	<0.5	0.27	2.7	1.0	2.96	<5	4		
1906771	Drill Core	9.3	16.8	<0.01	542	0.002	0.43	<0.01	0.05	<0.5	0.33	1.9	0.9	3.44	<5	3		
1906772	Drill Core	8.7	14.7	<0.01	669	0.002	0.30	<0.01	0.07	<0.5	0.22	1.7	0.7	3.00	<5	2		
1906773	Drill Core	13.7	13.1	0.01	1017	0.003	0.40	<0.01	0.12	<0.5	0.34	1.5	1.6	3.96	<5	3		
1906774	Drill Core	19.9	10.5	0.01	1088	0.003	0.50	<0.01	0.18	<0.5	0.38	1.5	3.2	4.07	<5	5		
1906775	Drill Core	21.1	11.7	0.01	1096	0.003	0.50	<0.01	0.16	<0.5	0.33	1.7	1.7	2.39	<5	6		
1906776	Drill Core	17.4	9.5	0.01	1033	0.003	0.46	<0.01	0.16	<0.5	0.34	1.3	1.3	2.20	<5	5		
1906777	Drill Core	16.7	20.4	0.01	752	0.003	0.65	<0.01	0.16	<0.5	3.32	1.7	5.2	6.92	<5	14		
1906778	Drill Core	13.6	13.8	0.01	832	0.003	0.46	<0.01	0.14	<0.5	0.85	1.5	1.7	5.39	<5	7		
1906779	Drill Core	15.9	13.5	0.01	765	0.003	0.45	<0.01	0.14	<0.5	0.49	1.8	1.8	6.22	<5	7		
1906780	Rock	6.3	4.9	0.57	71	0.110	1.23	0.10	0.11	<0.5	0.06	3.9	<0.5	<0.05	<5	<2		
1906781	Drill Core	18.3	14.6	0.01	864	0.003	0.52	<0.01	0.15	<0.5	0.59	1.5	1.4	3.89	<5	5		
1906782	Drill Core	16.7	11.3	0.01	796	0.002	0.47	<0.01	0.14	<0.5	0.49	1.7	1.4	3.54	<5	5		
1906783	Drill Core	16.1	12.3	0.01	854	0.003	0.42	<0.01	0.16	<0.5	0.65	1.9	1.2	5.39	<5	8		
1906784	Drill Core	18.4	15.5	0.01	738	0.002	0.52	<0.01	0.15	<0.5	0.80	1.8	1.4	3.90	<5	6		
1906785	Drill Core	15.9	15.0	0.01	739	0.003	0.45	<0.01	0.15	<0.5	0.85	1.7	1.0	3.36	<5	7		
1906786	Drill Core	17.3	9.4	0.01	687	0.002	0.41	<0.01	0.16	<0.5	0.43	2.1	0.7	6.68	<5	7		
1906787	Drill Core	21.1	9.9	0.01	794	0.003	0.44	<0.01	0.18	<0.5	0.91	1.8	1.9	5.44	<5	5		
1906788	Drill Core	15.1	9.3	0.01	804	0.002	0.40	<0.01	0.16	<0.5	0.73	1.6	1.5	5.57	<5	4		
1906789	Drill Core	15.2	16.2	0.01	741	0.003	0.37	<0.01	0.15	<0.5	0.83	1.6	0.8	2.91	<5	10		
1906790	Drill Core	16.1	15.1	0.01	726	0.003	0.37	<0.01	0.15	<0.5	0.85	1.8	0.9	2.88	<5	10		
1906791	Drill Core	20.3	16.3	0.02	862	0.003	0.45	<0.01	0.19	<0.5	0.70	1.9	1.3	2.73	<5	8		

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: November 09, 2017

QUALITY CONTROL REPORT WHI17000697.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906716	Drill Core	3.77	6.8	127.4	97.3	92	0.7	42.9	5.7	55	1.67	19	2.3	4.5	36	1.8	3.7	<0.5	42	0.16	0.111
REP 1906716	QC		6.7	124.6	96.2	94	0.6	40.8	5.9	58	1.69	20	2.4	4.3	36	1.7	3.6	<0.5	43	0.13	0.113
1906733	Drill Core	3.76	3.9	17.8	21808.9	83474	0.5	11.6	10.4	57	4.28	38	1.1	1.1	6	242.3	16.1	<0.5	29	<0.01	0.028
REP 1906733	QC																				
1906745	Drill Core	3.12	1.3	9.8	14271.3	62050	<0.5	3.4	3.3	153	16.19	28	1.3	0.5	8	512.8	15.4	<0.5	16	<0.01	0.026
REP 1906745	QC		1.1	8.8	14124.9	61318	<0.5	3.3	3.3	152	15.91	30	1.3	0.5	8	506.6	15.0	<0.5	16	<0.01	0.025
1906779	Drill Core	3.82	10.4	60.3	128.1	1588	1.1	58.3	6.4	36	5.35	48	2.0	4.1	136	4.4	14.3	<0.5	67	0.10	0.098
REP 1906779	QC		11.0	59.8	129.1	1589	1.1	58.3	6.9	36	5.35	49	2.1	4.0	138	4.1	14.7	<0.5	70	0.10	0.098
Core Reject Duplicates																					
1906713	Drill Core	3.34	18.3	550.6	83.6	113	1.0	64.9	6.3	83	2.02	29	2.4	5.3	38	0.5	6.1	<0.5	72	0.16	0.116
DUP 1906713	QC		17.7	700.4	86.1	121	1.0	66.3	7.0	84	2.25	30	2.6	5.6	40	<0.5	6.1	<0.5	83	0.17	0.119
1906747	Drill Core	3.16	2.0	13.7	25010.3	104004	<0.5	6.0	9.7	65	16.14	36	1.4	0.6	13	765.0	13.1	<0.5	25	<0.01	0.038
DUP 1906747	QC		2.1	13.3	25641.1	105339	<0.5	6.5	9.9	68	16.36	37	1.5	0.6	13	763.6	12.9	<0.5	28	<0.01	0.045
1906781	Drill Core	4.37	12.1	48.6	79.5	493	0.9	57.3	6.9	27	3.44	42	2.4	3.8	210	2.7	16.4	<0.5	72	0.10	0.115
DUP 1906781	QC		11.4	47.7	78.0	497	0.7	58.9	7.1	29	4.03	46	2.3	3.8	219	3.2	18.0	<0.5	70	0.11	0.123
Reference Materials																					
STD GBM398-4-AR	Standard		892.5	3949.7	12737.2	5175	48.7	3966.4	1933.5	5184	3.62	6	0.7	0.9	14	8.6	7.3	13.2	24	0.31	0.018
STD GBM398-4-AR	Standard		889.4	3909.7	12892.4	5275	50.2	4016.3	2026.7	5189	3.75	7	0.6	0.8	12	9.3	7.2	12.9	23	0.32	0.019
STD GBM398-4-AR	Standard		925.5	4034.8	12049.7	5466	50.7	4290.4	2014.5	5350	3.93	7	0.7	0.9	14	9.6	7.4	14.4	19	0.34	0.023
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.1	10744.8	218.9	707	4.0	31.1	30.9	1233	7.91	12	1.8	13.6	14	1.1	1.3	75.1	35	0.29	0.050

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Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: November 09, 2017

QUALITY CONTROL REPORT WHI17000697.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
Pulp Duplicates																		
1906716	Drill Core	16.0	15.2	0.01	902	0.003	0.51	<0.01	0.18	<0.5	0.10	2.0	0.6	1.71	<5	4		
REP 1906716	QC	16.3	15.6	0.01	915	0.003	0.52	<0.01	0.18	<0.5	0.14	2.2	0.6	1.73	<5	3		
1906733	Drill Core	1.9	16.0	<0.01	280	0.007	0.10	<0.01	<0.01	4.2	3.42	1.2	8.6	8.67	<5	2	2.01	8.26
REP 1906733	QC																1.99	8.20
1906745	Drill Core	0.9	11.7	<0.01	167	0.001	0.06	<0.01	<0.01	0.8	1.30	1.9	5.7	21.49	<5	3		
REP 1906745	QC	1.0	12.3	<0.01	173	0.002	0.06	<0.01	<0.01	0.8	1.04	1.4	5.7	21.43	<5	<2		
1906779	Drill Core	15.9	13.5	0.01	765	0.003	0.45	<0.01	0.14	<0.5	0.49	1.8	1.8	6.22	<5	7		
REP 1906779	QC	17.3	13.6	0.01	806	0.003	0.47	<0.01	0.14	<0.5	0.64	1.7	1.8	6.24	<5	6		
Core Reject Duplicates																		
1906713	Drill Core	21.7	19.4	0.02	1092	0.003	0.63	<0.01	0.19	<0.5	0.16	2.2	1.1	2.18	<5	5		
DUP 1906713	QC	22.3	22.5	0.02	1133	0.003	0.71	<0.01	0.22	<0.5	0.16	2.4	1.2	2.40	<5	3		
1906747	Drill Core	1.1	15.8	<0.01	175	0.004	0.09	<0.01	<0.01	1.0	1.36	1.1	13.6	23.59	6	4	2.44	10.48
DUP 1906747	QC	1.0	16.3	<0.01	166	0.004	0.09	<0.01	<0.01	1.1	1.41	1.1	13.9	23.82	6	4	2.47	10.13
1906781	Drill Core	18.3	14.6	0.01	864	0.003	0.52	<0.01	0.15	<0.5	0.59	1.5	1.4	3.89	<5	5		
DUP 1906781	QC	17.1	15.1	0.01	825	0.003	0.52	<0.01	0.14	<0.5	0.62	1.9	1.5	4.55	<5	6		
Reference Materials																		
STD GBM398-4-AR	Standard	3.0	2009.9	0.13	19	0.113	0.49	0.23	0.11	2.7	2.99	1.9	<0.5	0.92	<5	3		
STD GBM398-4-AR	Standard	2.6	1983.9	0.12	19	0.110	0.47	0.24	0.11	2.9	3.01	2.4	<0.5	0.95	<5	2		
STD GBM398-4-AR	Standard	3.6	2019.3	0.13	21	0.114	0.47	0.27	0.12	3.3	3.06	2.0	<0.5	0.97	<5	5		
STD OREAS132A	Standard																3.77	4.85
STD OREAS134B	Standard																13.42	17.50
STD OREAS132A	Standard																3.67	4.96
STD OREAS134B	Standard																13.74	17.49
STD OREAS132A	Standard																3.60	4.81
STD OREAS134B	Standard																13.19	17.52
STD OREAS132A	Standard																3.67	4.87
STD OREAS134B	Standard																13.33	17.78
STD OREAS927-AR	Standard	27.8	41.0	1.90	49	0.081	3.13	<0.01	0.26	4.5	0.14	4.4	<0.5	1.74	9	16		

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Project: FWZ17-01
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QUALITY CONTROL REPORT WHI17000697.2

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
STD OREAS927-AR	Standard		0.9	10712.1	216.4	736	4.4	29.9	30.4	1046	8.10	12	1.6	11.7	12	1.1	1.2	70.8	30	0.29	0.055
STD OREAS927-AR	Standard		1.0	10579.4	229.8	702	4.8	30.0	29.5	1124	7.80	12	1.7	12.6	14	0.9	1.4	70.1	34	0.30	0.049
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	0.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.7	5.8	1.5	38	<0.5	1.8	3.6	632	1.90	<5	<0.5	2.3	21	<0.5	<0.5	<0.5	25	0.57	0.040
ROCK-WHI	Prep Blank		0.9	4.1	1.3	36	<0.5	1.1	3.9	667	1.91	<5	<0.5	2.6	29	<0.5	<0.5	<0.5	26	0.66	0.039

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: November 09, 2017

QUALITY CONTROL REPORT WHI17000697.2

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Tl ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	MA404 Pb % 0.01	MA404 Zn % 0.01
STD OREAS927-AR	Standard	25.6	40.7	1.92	46	0.081	3.13	<0.01	0.26	4.9	0.11	5.5	<0.5	1.75	9	14		
STD OREAS927-AR	Standard	28.2	42.2	1.90	48	0.086	3.35	<0.01	0.30	5.4	0.39	6.8	<0.5	1.71	9	15		
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD OREAS132A Expected																	3.66	4.96
STD OREAS134B Expected																	13.36	18.03
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	0.6	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.07	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
Prep Wash																		
ROCK-WHI	Prep Blank	6.2	3.2	0.47	59	0.093	0.87	0.09	0.12	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2		
ROCK-WHI	Prep Blank	6.6	2.8	0.50	64	0.098	0.98	0.10	0.14	<0.5	<0.05	3.9	<0.5	<0.05	<5	<2		

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 29, 2017
Report Date: October 19, 2017
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI17000723.1

CLIENT JOB INFORMATION

Project:	FWZ17-01
Shipment ID:	FWZ17-01014
P.O. Number	FWZ17-01014
Number of Samples:	96

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	92	Crush, split and pulverize 500g rock to 200 mesh			WHI
CRUBW	1	Extra clean rock wash between samples in crusher			WHI
PULSW	1	Extra Wash with Silica between each sample			VAN
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
SLBHP	4	Sort, label and box pulps			WHI
SPTPL	93	Splitting of pulp samples for client			VAN
AQ270	96	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	95	Per sample shipping charges for branch shipments			VAN
MA404	24	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000723.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906792	Drill Core	4.30	17.9	122.4	158.1	719	2.2	103.6	13.5	147	3.76	45	1.1	5.1	28	2.7	10.9	<0.5	18	0.13	0.039
1906793	Drill Core	3.13	32.0	127.9	232.7	275	3.6	103.0	13.8	45	3.93	51	2.1	5.7	46	0.8	15.9	<0.5	25	0.08	0.054
1906794	Drill Core	4.60	25.7	155.3	248.1	333	3.9	114.7	12.9	45	4.79	77	2.5	5.6	37	0.5	18.2	<0.5	29	0.10	0.067
1906795	Drill Core	3.53	23.0	107.0	176.5	82	2.2	93.8	11.7	56	2.95	42	1.1	4.8	26	<0.5	12.2	<0.5	16	0.08	0.045
1906796	Drill Core	3.38	6.7	277.0	64.2	477	0.9	76.4	8.6	211	1.87	26	1.4	2.4	168	<0.5	6.3	<0.5	34	0.16	0.108
1906797	Drill Core	3.76	4.0	68.9	64.5	330	0.7	43.1	7.2	192	1.87	11	0.8	5.3	59	1.4	4.1	<0.5	34	0.61	0.068
1906798	Drill Core	3.91	24.0	85.0	197.5	1225	1.5	94.9	14.0	208	3.51	45	1.5	5.1	29	2.2	19.0	<0.5	23	0.14	0.052
1906799	Drill Core	5.50	3.9	38.8	97.9	1367	0.6	58.0	11.0	424	5.46	17	0.9	4.8	35	2.9	4.9	<0.5	31	0.16	0.063
1906800	Rock Pulp	0.03	2.8	309.4	>40000	102266	93.5	23.6	23.6	1352	7.26	142	1.2	5.4	18	310.4	173.8	0.6	<10	3.61	0.034
1906801	Drill Core	1.39	4.8	40.4	76.0	68	1.0	56.5	8.7	37	1.56	36	0.9	7.0	17	2.5	12.9	<0.5	20	0.11	0.043
1906802	Drill Core	5.93	17.7	54.8	100.2	104	0.8	71.2	8.3	77	2.35	50	2.0	4.9	34	7.3	7.0	<0.5	54	0.18	0.103
1906803	Drill Core	5.01	18.0	67.2	132.4	128	0.9	68.5	7.4	65	2.12	36	2.2	5.0	58	11.2	7.5	<0.5	59	0.14	0.101
1906804	Drill Core	5.49	10.9	46.9	292.3	7782	0.7	81.7	13.3	917	4.08	41	1.3	4.1	25	9.4	5.7	<0.5	51	0.13	0.068
1906805	Drill Core	5.94	3.3	43.2	88.2	8260	0.5	73.5	14.9	1296	4.81	22	0.8	3.6	17	0.8	3.5	<0.5	37	0.13	0.063
1906806	Drill Core	4.28	8.7	62.5	175.9	391	0.8	58.0	8.0	73	2.21	36	1.4	5.2	28	4.9	6.8	<0.5	40	0.12	0.079
1906807	Drill Core	5.68	3.5	66.8	111.2	138	0.7	50.4	8.7	114	2.75	57	1.2	5.1	35	1.9	6.1	<0.5	35	0.16	0.089
1906808	Drill Core	5.24	14.3	68.9	120.0	1113	0.8	65.5	7.7	75	1.99	45	1.7	4.7	24	3.5	8.2	<0.5	68	0.20	0.094
1906809	Drill Core	2.08	15.5	80.5	125.6	2989	0.9	78.3	8.5	74	2.00	46	1.6	4.4	24	9.9	9.3	<0.5	69	0.17	0.099
1906810	Drill Core	1.78	17.4	73.3	142.6	2476	0.9	80.2	8.7	74	2.05	49	1.8	5.0	27	9.0	9.1	<0.5	65	0.20	0.101
1906811	Drill Core	3.52	7.4	51.8	154.0	851	0.6	53.7	8.5	51	2.61	33	1.3	5.2	24	3.5	5.8	<0.5	44	0.12	0.079
1906812	Drill Core	3.53	3.3	37.0	119.0	595	<0.5	39.9	7.6	24	2.06	23	1.0	5.3	22	2.2	4.0	<0.5	31	0.11	0.076
1906813	Drill Core	3.63	4.8	59.5	196.3	3933	0.6	50.5	8.9	31	2.27	30	0.9	5.1	17	12.8	5.0	<0.5	29	0.09	0.070
1906814	Drill Core	3.98	3.4	46.9	125.6	679	<0.5	47.5	8.4	27	1.92	27	0.9	5.2	15	2.1	4.3	<0.5	30	0.14	0.071
1906815	Drill Core	3.17	3.6	61.2	125.5	1783	0.6	45.9	8.3	56	2.04	31	0.9	5.5	19	4.9	5.6	<0.5	30	0.18	0.104
1906816	Drill Core	3.39	3.7	60.8	149.9	2957	0.6	46.5	8.5	76	2.52	29	0.8	5.0	20	8.7	5.3	<0.5	33	0.12	0.077
1906817	Drill Core	4.93	3.8	62.4	130.8	679	0.5	55.0	8.9	121	2.06	31	0.6	4.6	20	1.4	5.6	<0.5	32	0.14	0.089
1906818	Drill Core	5.79	4.1	60.4	155.7	616	0.5	55.8	9.4	84	2.01	36	0.7	5.6	19	1.6	5.8	<0.5	41	0.14	0.076
1906819	Drill Core	1.88	6.1	62.6	495.5	1264	0.7	66.1	10.9	89	2.61	51	0.8	5.2	21	3.0	7.3	<0.5	36	0.13	0.075
1906820	Rock Pulp	0.05	2.5	221.9	18017.8	29014	36.3	25.6	20.5	1911	5.50	89	1.6	7.1	25	96.7	52.5	<0.5	<10	5.21	0.058
1906821	Drill Core	2.82	5.2	55.8	317.0	2917	0.7	74.9	10.2	260	3.14	49	0.8	4.4	27	5.2	6.6	<0.5	47	0.15	0.069

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PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000723.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906792	Drill Core	17.5	6.9	0.07	146	0.001	0.36	<0.01	0.14	<0.5	0.29	2.2	0.7	2.88	<5	5		
1906793	Drill Core	21.6	8.4	0.03	180	0.001	0.48	<0.01	0.18	<0.5	0.36	2.1	1.6	3.40	<5	7		
1906794	Drill Core	19.1	8.6	0.08	140	0.001	0.59	<0.01	0.14	<0.5	0.39	2.9	1.2	4.01	<5	8		
1906795	Drill Core	17.7	6.5	0.03	162	0.001	0.34	<0.01	0.14	<0.5	0.28	1.6	1.1	2.60	<5	3		
1906796	Drill Core	10.2	9.2	0.01	97	<0.001	0.68	<0.01	0.07	<0.5	0.10	2.7	<0.5	1.09	<5	4		
1906797	Drill Core	21.9	11.3	0.28	311	0.002	0.44	<0.01	0.17	<0.5	0.16	2.5	<0.5	0.92	<5	4		
1906798	Drill Core	18.7	6.7	0.03	482	0.002	0.37	<0.01	0.16	<0.5	0.29	1.7	1.0	3.14	<5	3		
1906799	Drill Core	17.5	8.1	0.02	527	0.002	0.40	<0.01	0.17	<0.5	0.10	2.2	<0.5	4.78	<5	5		
1906800	Rock Pulp	18.1	11.7	1.98	100	0.012	0.70	<0.01	0.49	<0.5	4.59	2.8	45.5	10.30	<5	<2	4.80	10.87
1906801	Drill Core	27.0	6.3	0.01	545	0.002	0.34	<0.01	0.16	<0.5	0.11	1.2	0.8	1.51	<5	5		
1906802	Drill Core	23.4	13.8	0.01	997	0.003	0.45	<0.01	0.19	<0.5	0.21	2.6	1.1	2.28	<5	4		
1906803	Drill Core	21.8	13.7	0.01	887	0.002	0.47	<0.01	0.16	<0.5	0.10	2.5	1.1	2.16	<5	3		
1906804	Drill Core	18.9	12.1	0.02	799	0.003	0.38	<0.01	0.15	<0.5	0.09	2.6	0.8	2.32	<5	8		
1906805	Drill Core	15.7	9.9	0.03	777	0.002	0.32	<0.01	0.13	<0.5	0.06	2.4	0.6	2.16	<5	4		
1906806	Drill Core	23.2	11.4	0.01	1037	0.003	0.44	<0.01	0.17	<0.5	0.18	1.6	1.1	2.08	<5	5		
1906807	Drill Core	22.4	10.1	0.01	1100	0.003	0.48	<0.01	0.18	<0.5	0.06	1.5	0.9	2.76	<5	5		
1906808	Drill Core	22.4	15.2	0.02	1394	0.004	0.48	<0.01	0.21	<0.5	0.17	1.3	1.0	1.96	<5	7		
1906809	Drill Core	19.2	14.2	0.02	1265	0.003	0.46	<0.01	0.18	<0.5	0.38	1.1	1.2	2.14	<5	8		
1906810	Drill Core	20.6	14.1	0.01	1240	0.003	0.46	<0.01	0.18	<0.5	0.45	1.4	1.3	2.16	<5	7		
1906811	Drill Core	21.6	13.0	0.01	1373	0.004	0.46	<0.01	0.18	<0.5	0.16	2.0	1.2	2.65	<5	5		
1906812	Drill Core	22.9	10.4	0.01	1420	0.004	0.47	<0.01	0.18	<0.5	0.13	2.1	0.9	2.08	<5	4		
1906813	Drill Core	21.6	9.8	0.01	1332	0.004	0.45	<0.01	0.16	<0.5	0.64	1.4	0.9	2.41	<5	4		
1906814	Drill Core	23.2	10.2	0.01	1455	0.003	0.48	<0.01	0.17	<0.5	0.16	2.0	0.8	1.91	<5	5		
1906815	Drill Core	23.3	10.8	0.02	1269	0.004	0.48	<0.01	0.14	<0.5	0.26	2.2	0.9	2.13	<5	4		
1906816	Drill Core	20.6	11.5	0.01	1031	0.003	0.49	<0.01	0.12	<0.5	0.61	1.5	0.9	2.69	<5	5		
1906817	Drill Core	19.8	9.3	<0.01	594	0.002	0.53	<0.01	0.08	<0.5	0.20	2.1	0.7	2.17	<5	3		
1906818	Drill Core	22.3	13.7	<0.01	665	0.002	0.68	<0.01	0.08	<0.5	0.19	2.2	0.8	2.08	<5	3		
1906819	Drill Core	20.3	11.7	<0.01	474	0.002	0.50	<0.01	0.06	<0.5	0.44	1.6	0.9	2.82	<5	5		
1906820	Rock Pulp	27.9	14.1	2.86	143	0.018	1.00	0.01	0.69	0.9	1.01	3.3	29.1	4.67	<5	3		
1906821	Drill Core	15.4	14.3	0.02	1421	0.003	0.78	<0.01	0.06	<0.5	0.51	2.3	0.7	2.68	<5	4		

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000723.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906822	Drill Core	3.78	9.9	79.9	767.2	7257	1.1	82.7	15.3	44	4.28	91	1.6	4.0	83	21.6	14.8	<0.5	82	0.06	0.069
1906823	Drill Core	3.08	11.8	81.0	25884.7	83877	3.9	53.3	41.2	57	9.86	326	1.3	2.0	40	214.8	13.6	<0.5	82	0.01	0.036
1906824	Drill Core	2.86	5.1	15.7	>40000	82084	0.6	21.4	33.9	107	6.23	290	1.4	0.8	21	275.1	11.3	<0.5	53	0.01	0.069
1906825	Drill Core	3.02	7.4	22.7	27099.6	54747	<0.5	34.9	34.2	128	4.63	188	1.0	1.5	12	170.0	7.6	<0.5	99	<0.01	0.035
1906826	Drill Core	2.00	2.6	23.7	11510.0	11820	0.7	39.0	23.7	81	3.61	76	0.9	2.0	16	45.0	5.9	<0.5	103	<0.01	0.013
1906827	Drill Core	3.22	7.7	29.8	34441.9	134165	0.8	26.9	36.2	97	5.37	171	1.2	1.0	10	394.1	9.9	<0.5	60	<0.01	0.032
1906828	Drill Core	1.28	4.1	17.6	20819.1	68402	<0.5	17.4	23.8	111	7.50	72	0.9	0.7	12	268.6	12.0	<0.5	23	<0.01	0.022
1906829	Rock	0.58	0.8	9.1	45.2	132	<0.5	1.4	4.9	688	2.24	<5	<0.5	1.9	36	<0.5	<0.5	<0.5	30	0.94	0.037
1906830	Drill Core	1.24	4.4	17.8	19349.5	74036	<0.5	15.2	17.8	118	6.75	69	0.9	0.7	11	276.1	8.9	<0.5	22	<0.01	0.020
1906831	Drill Core	3.95	3.1	17.1	24800.5	73265	<0.5	7.9	8.8	126	9.82	51	0.9	<0.5	7	353.3	10.5	<0.5	19	<0.01	0.019
1906832	Drill Core	1.85	1.4	10.1	12438.9	64867	<0.5	2.7	2.6	84	7.13	10	<0.5	<0.5	<5	289.5	3.2	<0.5	<10	<0.01	0.013
1906833	Drill Core	4.42	3.6	16.3	25564.1	103990	<0.5	13.8	14.2	124	12.71	59	1.8	0.7	17	632.4	21.7	<0.5	41	<0.01	0.049
1906834	Drill Core	1.82	1.2	11.6	12371.9	57580	<0.5	3.0	2.4	68	2.57	8	0.8	<0.5	7	418.4	3.6	<0.5	10	<0.01	0.022
1906835	Drill Core	2.12	2.9	25.7	29855.8	106347	<0.5	13.2	11.4	114	18.03	58	2.2	0.6	15	799.0	14.3	<0.5	30	<0.01	0.052
1906836	Drill Core	2.78	6.7	31.7	28392.6	150825	<0.5	25.1	17.6	111	11.56	101	3.1	1.2	24	630.9	23.0	<0.5	80	<0.01	0.066
1906837	Drill Core	1.96	6.8	46.2	34819.6	191210	0.6	25.6	17.9	127	5.91	65	2.1	1.0	19	368.5	17.1	<0.5	79	<0.01	0.053
1906838	Drill Core	3.30	9.6	54.6	32491.8	>200000	0.7	41.2	33.0	120	3.68	87	3.3	1.9	31	429.0	14.6	<0.5	112	<0.01	0.066
1906839	Drill Core	2.21	6.2	37.2	28587.4	>200000	0.7	31.2	39.4	95	5.99	114	2.8	0.7	20	390.7	31.2	<0.5	47	<0.01	0.043
1906840	Rock	0.52	1.0	9.7	46.3	256	<0.5	2.2	4.7	824	2.44	<5	<0.5	2.0	33	0.7	<0.5	<0.5	32	0.90	0.042
1906841	Drill Core	1.84	9.2	51.1	>40000	>200000	0.9	40.3	45.3	91	6.83	126	3.5	1.2	33	739.9	35.7	<0.5	87	<0.01	0.060
1906842	Drill Core	2.93	5.5	40.3	39963.4	138879	<0.5	25.7	24.2	81	4.79	62	1.8	0.9	17	486.6	31.5	<0.5	50	<0.01	0.050
1906843	Drill Core	2.67	6.0	49.2	>40000	162480	0.6	28.9	28.4	96	3.31	64	2.0	1.0	20	566.0	18.3	<0.5	49	<0.01	0.053
1906844	Drill Core	3.23	4.0	29.0	26647.6	134057	<0.5	16.5	18.0	74	4.96	58	1.8	0.7	16	703.7	25.4	<0.5	39	<0.01	0.052
1906845	Drill Core	2.94	5.2	26.1	20131.0	123846	0.6	20.4	20.8	80	19.21	123	3.2	1.1	44	760.9	45.5	<0.5	67	<0.01	0.074
1906846	Drill Core	0.82	1.2	20.6	9115.0	99376	<0.5	3.8	4.5	60	3.37	26	2.5	<0.5	46	623.9	7.0	<0.5	37	<0.01	0.093
1906847	Drill Core	5.75	1.7	7.0	5529.4	37478	<0.5	7.5	8.8	62	38.77	40	1.6	<0.5	14	227.9	52.7	<0.5	18	<0.01	0.023
1906848	Drill Core	4.02	1.4	6.0	7788.8	29281	<0.5	7.8	6.7	81	>40	35	3.8	0.5	43	319.1	106.1	<0.5	40	<0.01	0.065
1906849	Drill Core	1.37	3.8	16.4	6923.1	41284	<0.5	12.5	10.2	84	31.83	19	2.0	<0.5	15	326.8	39.3	<0.5	36	<0.01	0.029
1906850	Drill Core	1.39	2.7	16.8	9134.7	45356	<0.5	7.7	7.6	90	34.70	19	2.1	<0.5	16	386.0	42.3	<0.5	31	<0.01	0.025
1906851	Drill Core	5.70	2.3	9.2	10780.9	29841	<0.5	9.4	6.8	72	>40	18	3.0	<0.5	25	376.3	55.4	<0.5	27	<0.01	0.040

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Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906822	Drill Core	15.7	24.3	<0.01	411	0.002	0.73	<0.01	0.04	<0.5	1.37	2.1	5.5	4.81	<5	6		
1906823	Drill Core	5.5	40.9	<0.01	161	0.024	0.26	<0.01	<0.01	<0.5	28.86	1.2	6.0	14.88	<5	7	2.62	8.25
1906824	Drill Core	1.7	26.0	<0.01	341	0.006	0.18	<0.01	<0.01	<0.5	16.69	0.8	13.6	11.75	<5	<2	10.00	8.22
1906825	Drill Core	3.1	33.2	<0.01	390	0.030	0.14	<0.01	<0.01	0.7	10.10	0.9	6.6	7.65	<5	3		
1906826	Drill Core	5.4	41.3	<0.01	475	0.033	0.16	<0.01	<0.01	0.5	1.94	1.3	2.9	4.33	<5	3		
1906827	Drill Core	1.6	28.5	<0.01	165	0.018	0.14	<0.01	<0.01	1.5	9.09	1.2	12.8	12.26	6	6	3.54	12.85
1906828	Drill Core	0.9	18.3	<0.01	250	0.005	0.09	<0.01	<0.01	1.5	8.19	0.8	13.6	11.55	<5	4		
1906829	Rock	6.5	5.9	0.55	80	0.114	1.11	0.09	0.13	<0.5	<0.05	4.2	<0.5	<0.05	<5	<2		
1906830	Drill Core	0.6	17.2	<0.01	284	0.004	0.09	<0.01	<0.01	1.5	7.86	0.8	11.4	11.28	<5	6		
1906831	Drill Core	<0.5	14.2	<0.01	224	0.003	0.09	<0.01	<0.01	2.5	8.26	0.9	10.3	14.16	<5	3		
1906832	Drill Core	<0.5	6.3	<0.01	243	<0.001	0.04	<0.01	<0.01	1.5	3.36	<0.5	6.5	10.90	<5	<2		
1906833	Drill Core	1.1	21.4	<0.01	113	0.006	0.12	<0.01	<0.01	0.8	12.10	1.3	16.9	19.00	<5	7	2.53	10.05
1906834	Drill Core	<0.5	8.0	<0.01	75	<0.001	0.05	<0.01	<0.01	0.7	4.58	0.5	7.8	5.44	<5	3		
1906835	Drill Core	1.0	19.9	<0.01	70	0.003	0.14	<0.01	<0.01	1.0	5.35	1.1	21.3	25.10	7	4	2.94	10.42
1906836	Drill Core	1.8	36.6	<0.01	107	0.016	0.17	<0.01	<0.01	0.5	2.87	1.4	20.0	19.85	9	6	2.87	14.82
1906837	Drill Core	1.5	35.7	<0.01	155	0.016	0.17	<0.01	<0.01	<0.5	1.55	1.6	18.7	15.80	8	9	3.63	18.89
1906838	Drill Core	2.5	51.2	<0.01	157	0.024	0.24	<0.01	<0.01	<0.5	1.78	1.6	21.4	15.37	10	15	3.38	22.50
1906839	Drill Core	1.2	27.9	<0.01	115	0.006	0.16	<0.01	<0.01	<0.5	1.44	1.2	25.6	16.58	8	12	2.85	20.53
1906840	Rock	6.2	5.8	0.62	70	0.119	1.28	0.09	0.13	<0.5	<0.05	4.4	<0.5	<0.05	<5	<2		
1906841	Drill Core	2.0	40.9	<0.01	85	0.011	0.21	<0.01	<0.01	0.7	1.56	1.2	31.1	20.72	11	15	5.59	27.46
1906842	Drill Core	1.2	27.2	<0.01	254	0.008	0.16	<0.01	<0.01	<0.5	1.17	1.1	19.2	11.95	7	11	4.14	13.77
1906843	Drill Core	1.0	26.7	<0.01	237	0.007	0.18	<0.01	<0.01	<0.5	0.92	0.8	22.3	11.58	8	13	4.21	16.27
1906844	Drill Core	0.7	21.8	<0.01	240	0.003	0.16	<0.01	<0.01	<0.5	0.84	0.9	14.4	11.97	6	7	2.66	13.20
1906845	Drill Core	1.9	33.5	<0.01	83	0.010	0.20	<0.01	<0.01	0.5	1.46	1.4	25.2	26.73	7	8	2.04	12.33
1906846	Drill Core	1.9	21.5	<0.01	311	<0.001	0.18	<0.01	<0.01	0.5	0.49	1.1	9.5	8.24	5	2	0.97	10.11
1906847	Drill Core	0.7	12.4	<0.01	48	0.004	0.07	<0.01	<0.01	<0.5	1.97	<0.5	13.4	>30	<5	<2		
1906848	Drill Core	2.4	16.5	<0.01	46	0.004	0.15	<0.01	<0.01	<0.5	3.28	1.5	20.2	>30	<5	<2		
1906849	Drill Core	0.8	18.7	<0.01	65	0.010	0.09	<0.01	<0.01	0.6	1.26	1.0	9.5	>30	<5	<2		
1906850	Drill Core	0.8	15.2	<0.01	62	0.007	0.09	<0.01	<0.01	0.8	1.32	0.7	10.5	>30	<5	3		
1906851	Drill Core	1.6	15.8	<0.01	62	0.005	0.12	<0.01	<0.01	0.5	1.54	1.1	10.1	>30	<5	<2		

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Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906852	Drill Core	1.83	1.6	6.6	5012.1	42029	<0.5	7.3	4.5	63	23.13	11	2.1	<0.5	27	201.7	50.7	<0.5	23	<0.01	0.044
1906853	Drill Core	3.66	3.4	8.2	7354.4	48806	<0.5	13.4	6.3	74	29.20	26	2.5	<0.5	22	259.6	117.0	<0.5	32	<0.01	0.049
1906854	Drill Core	2.49	5.5	7.3	3870.8	37445	<0.5	10.7	8.0	81	37.25	19	2.2	<0.5	20	115.9	131.4	<0.5	41	<0.01	0.034
1906855	Drill Core	2.91	8.1	8.3	5432.8	42010	<0.5	11.6	5.8	81	38.29	21	2.4	<0.5	22	122.3	141.6	<0.5	45	<0.01	0.042
1906856	Drill Core	1.29	7.0	27.9	10234.2	195689	0.7	19.1	6.4	110	16.75	32	5.8	0.8	36	629.5	61.3	<0.5	180	0.02	0.128
1906857	Drill Core	4.32	12.6	32.1	1446.9	87283	<0.5	66.3	12.6	66	6.79	77	3.9	3.5	48	252.5	18.5	<0.5	471	<0.01	0.061
1906858	Drill Core	3.61	14.4	45.6	1466.1	36259	<0.5	65.0	15.5	42	7.14	77	3.9	4.5	91	52.5	15.0	<0.5	448	0.01	0.075
1906859	Drill Core	3.48	11.6	37.3	1788.0	91685	<0.5	54.5	9.9	80	6.35	78	3.5	3.0	62	105.7	12.3	<0.5	343	<0.01	0.064
1906860	Rock Pulp	0.03	3.8	432.9	35582.3	47710	56.1	18.6	46.4	2263	7.14	150	1.6	6.3	26	168.2	46.5	<0.5	<10	4.81	0.050
1906861	Drill Core	1.50	16.5	36.6	3998.0	81137	0.5	61.9	15.8	72	3.97	83	3.7	3.9	46	101.4	6.0	<0.5	574	0.01	0.074
1906862	Drill Core	3.17	11.0	32.9	13358.2	180765	0.7	37.0	17.4	97	6.20	51	3.7	1.5	27	265.6	17.2	<0.5	318	<0.01	0.119
1906863	Drill Core	3.77	10.6	33.6	12904.6	166970	1.2	34.3	16.0	140	7.73	38	3.1	1.8	24	117.9	29.3	<0.5	303	<0.01	0.117
1906864	Drill Core	2.66	13.1	76.3	7005.0	193676	3.7	51.5	29.6	151	2.51	54	2.5	2.4	58	88.7	7.8	<0.5	272	0.01	0.112
1906865	Drill Core	2.86	20.8	78.1	874.3	100658	1.3	62.6	12.0	87	3.97	80	3.0	2.7	78	48.8	11.7	<0.5	269	0.05	0.117
1906865-CW	Rock		0.8	4.5	9.7	148	<0.5	1.3	4.0	680	2.20	<5	<0.5	2.4	32	<0.5	<0.5	<0.5	23	0.65	0.044
1906865-PW	Silica		<0.5	4.7	1.9	13	<0.5	0.6	<0.5	54	0.61	<5	<0.5	2.4	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
1906866	Drill Core	4.95	19.6	85.6	545.2	10606	1.6	81.6	10.3	38	5.21	90	2.8	2.6	53	15.0	16.3	<0.5	195	0.09	0.134
1906867	Drill Core	2.85	23.1	57.7	172.6	1830	0.8	84.6	12.1	33	6.52	59	2.2	3.4	20	8.2	17.3	<0.5	139	0.07	0.089
1906868	Drill Core	3.01	3.8	39.3	102.1	236	0.6	40.4	7.4	43	2.99	32	1.2	3.0	14	1.3	4.7	<0.5	42	0.03	0.051
1906869	Drill Core	1.69	3.3	37.7	82.7	107	<0.5	42.6	7.9	48	3.97	30	2.1	2.9	27	2.6	4.0	<0.5	30	0.03	0.048
1906870	Drill Core	1.51	3.2	43.7	94.1	94	0.6	43.7	8.0	40	4.45	42	1.9	3.3	26	2.6	5.1	<0.5	35	0.03	0.054
1906871	Drill Core	3.22	7.0	56.2	101.7	135	1.0	56.1	11.5	41	3.67	35	1.4	4.9	33	5.3	8.8	<0.5	37	0.03	0.066
1906872	Drill Core	4.08	10.7	40.7	83.6	352	0.7	60.7	13.3	41	8.02	46	1.7	2.5	50	10.7	22.5	<0.5	60	0.03	0.069
1906873	Drill Core	3.54	8.6	72.6	103.9	453	0.7	62.8	15.1	64	17.08	67	1.6	2.1	45	15.5	35.3	<0.5	55	0.03	0.053
1906874	Drill Core	2.56	11.4	50.7	56.2	1026	0.6	77.3	18.2	34	12.73	51	1.6	2.5	57	25.6	55.2	<0.5	56	0.02	0.039
1906875	Drill Core	4.00	13.9	48.8	77.2	1667	0.7	67.9	11.0	49	7.96	45	2.3	3.6	77	17.5	25.5	<0.5	67	0.03	0.061
1906876	Drill Core	3.77	17.1	61.5	102.1	545	1.0	76.6	10.2	50	8.28	45	2.2	4.6	32	3.8	26.1	<0.5	56	0.06	0.075
1906877	Drill Core	1.79	3.1	33.3	58.9	107	0.6	38.6	6.9	51	4.14	26	1.6	3.0	19	1.2	6.9	<0.5	34	0.08	0.067
1906878	Drill Core	1.57	3.0	68.1	108.9	247	0.7	56.2	10.6	90	16.91	50	1.9	1.9	24	5.8	41.3	<0.5	34	0.05	0.064
1906879	Drill Core	4.09	15.4	62.6	98.9	200	1.4	91.5	10.0	63	6.62	43	2.3	4.2	28	1.8	23.7	<0.5	61	0.10	0.095

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000723.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
MDL		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906852	Drill Core	2.2	11.7	<0.01	62	0.004	0.09	<0.01	<0.01	1.0	1.48	0.7	8.6	28.47	<5	<2		
1906853	Drill Core	1.8	16.7	<0.01	44	0.007	0.12	<0.01	<0.01	<0.5	3.04	1.1	13.1	>30	<5	3		
1906854	Drill Core	2.5	16.6	<0.01	36	0.011	0.12	<0.01	<0.01	<0.5	3.80	0.8	15.0	>30	<5	<2		
1906855	Drill Core	2.7	14.6	<0.01	31	0.010	0.15	<0.01	<0.01	<0.5	3.80	1.0	18.7	>30	<5	2		
1906856	Drill Core	2.2	46.5	<0.01	46	0.043	0.38	<0.01	<0.01	1.6	5.02	2.5	13.5	27.67	18	8	0.98	19.85
1906857	Drill Core	4.8	86.4	<0.01	191	0.132	0.50	<0.01	<0.01	0.7	2.80	2.8	8.6	11.61	10	4	0.21	8.69
1906858	Drill Core	7.6	87.7	<0.01	211	0.122	0.70	<0.01	<0.01	0.7	1.80	2.3	32.9	10.09	<5	4		
1906859	Drill Core	4.8	63.7	<0.01	183	0.090	0.52	<0.01	<0.01	0.6	3.18	2.4	19.2	11.48	7	5	0.20	9.51
1906860	Rock Pulp	24.2	15.6	2.63	250	0.017	0.95	0.01	0.61	<0.5	0.71	2.9	44.5	7.40	<5	<2		
1906861	Drill Core	6.2	107.6	<0.01	359	0.154	0.43	<0.01	<0.01	0.6	3.12	1.9	6.6	7.77	6	6	0.40	8.48
1906862	Drill Core	3.3	62.7	<0.01	116	0.082	0.38	<0.01	<0.01	<0.5	5.77	1.8	9.2	15.65	9	9	1.36	19.52
1906863	Drill Core	4.1	62.4	<0.01	118	0.079	0.39	<0.01	<0.01	<0.5	20.03	1.5	7.2	16.76	7	7	1.29	16.87
1906864	Drill Core	5.9	56.6	<0.01	186	0.068	0.49	<0.01	<0.01	<0.5	183.80	1.7	2.1	12.12	8	10	0.69	19.83
1906865	Drill Core	9.9	53.2	<0.01	298	0.032	0.63	<0.01	<0.01	<0.5	86.27	2.9	2.8	8.96	<5	6	0.10	10.35
1906865-CW	Rock	7.2	3.1	0.48	74	0.097	0.97	0.13	0.14	<0.5	0.11	3.5	<0.5	<0.05	<5	<2		
1906865-PW	Silica	6.0	2.8	<0.01	<5	0.002	0.06	<0.01	0.04	<0.5	0.20	0.7	<0.5	<0.05	<5	<2		
1906866	Drill Core	11.7	36.2	<0.01	488	0.003	0.77	<0.01	0.04	<0.5	8.97	2.5	11.9	5.88	<5	5		
1906867	Drill Core	12.7	26.0	<0.01	399	0.002	0.57	<0.01	0.05	<0.5	2.37	2.4	8.3	7.08	<5	4		
1906868	Drill Core	10.9	12.9	<0.01	210	0.001	0.50	<0.01	0.03	<0.5	0.52	2.2	1.5	3.04	<5	2		
1906869	Drill Core	12.1	10.2	<0.01	350	0.002	0.41	<0.01	0.04	<0.5	0.39	2.0	1.1	4.02	<5	<2		
1906870	Drill Core	12.9	10.6	<0.01	412	0.002	0.47	<0.01	0.05	<0.5	0.29	1.8	1.2	4.60	<5	3		
1906871	Drill Core	18.9	11.6	<0.01	438	0.002	0.59	<0.01	0.06	<0.5	0.60	1.9	2.5	3.88	<5	<2		
1906872	Drill Core	11.6	20.5	<0.01	361	0.002	0.44	<0.01	0.13	<0.5	1.35	2.3	3.3	8.87	<5	4		
1906873	Drill Core	8.8	15.6	<0.01	126	0.002	0.33	<0.01	0.11	<0.5	1.67	2.2	4.1	18.87	<5	6		
1906874	Drill Core	12.1	15.8	<0.01	184	0.002	0.34	<0.01	0.11	<0.5	2.45	2.7	6.4	14.06	<5	4		
1906875	Drill Core	15.8	17.3	<0.01	372	0.002	0.41	<0.01	0.14	<0.5	1.62	2.6	3.2	8.89	<5	7		
1906876	Drill Core	15.8	13.0	0.01	324	0.002	0.41	<0.01	0.14	<0.5	1.27	1.7	3.4	9.25	<5	6		
1906877	Drill Core	12.4	11.4	<0.01	608	0.002	0.31	<0.01	0.11	<0.5	0.36	1.1	1.0	4.12	<5	<2		
1906878	Drill Core	6.4	12.6	<0.01	136	0.002	0.30	<0.01	0.09	<0.5	1.76	2.2	3.7	18.87	<5	10		
1906879	Drill Core	17.4	15.0	0.01	506	0.002	0.45	<0.01	0.16	<0.5	1.34	1.1	3.2	7.10	<5	6		

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Client: **Fireweed Zinc Ltd.**
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Project: FWZ17-01
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000723.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906880	Rock	0.53	1.2	8.8	3.7	47	<0.5	2.2	5.4	676	2.42	<5	<0.5	1.8	38	<0.5	<0.5	<0.5	35	0.87	0.041
1906881	Drill Core	3.51	14.1	58.8	96.3	290	1.3	83.6	11.0	66	6.26	38	2.4	4.7	30	1.7	21.4	<0.5	53	0.07	0.083
1906882	Drill Core	4.06	4.9	48.8	104.1	234	0.8	87.0	17.2	54	13.65	51	1.6	3.8	21	3.5	38.2	<0.5	38	0.05	0.062
1906883	Drill Core	5.58	8.9	58.1	68.4	368	1.0	65.5	12.9	59	3.06	30	1.7	5.8	29	1.0	10.2	<0.5	37	0.07	0.076
1906884	Drill Core	6.38	9.0	87.2	109.0	291	1.1	68.8	11.4	61	2.73	31	1.4	6.5	42	1.3	7.7	<0.5	33	0.14	0.089
1906885	Drill Core	4.83	6.3	61.6	83.3	96	1.2	82.2	12.8	58	3.52	37	1.5	6.3	44	0.7	7.3	<0.5	30	0.11	0.086

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Project: FWZ17-01
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000723.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
1906880	Rock	6.9	6.2	0.56	78	0.112	1.32	0.17	0.14	<0.5	<0.05	4.5	<0.5	<0.05	<5	<2		
1906881	Drill Core	17.1	13.5	0.01	534	0.002	0.46	<0.01	0.17	<0.5	1.62	1.1	3.1	6.67	<5	6		
1906882	Drill Core	12.3	11.4	<0.01	204	0.002	0.39	<0.01	0.14	<0.5	2.70	1.7	5.0	15.04	<5	3		
1906883	Drill Core	22.5	8.9	0.01	828	0.002	0.45	<0.01	0.19	<0.5	0.52	1.3	1.5	3.18	<5	3		
1906884	Drill Core	23.7	9.7	0.01	822	0.003	0.47	<0.01	0.19	<0.5	0.35	1.8	1.1	2.78	<5	4		
1906885	Drill Core	22.2	9.2	0.01	928	0.003	0.47	<0.01	0.21	<0.5	0.35	2.0	1.0	3.67	<5	5		

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Project: FWZ17-01
Report Date: October 19, 2017

QUALITY CONTROL REPORT WHI17000723.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906817	Drill Core	4.93	3.8	62.4	130.8	679	0.5	55.0	8.9	121	2.06	31	0.6	4.6	20	1.4	5.6	<0.5	32	0.14	0.089
REP 1906817	QC		4.1	63.7	133.5	678	0.6	57.9	10.3	122	2.05	31	0.7	4.6	21	1.4	5.7	<0.5	31	0.17	0.085
1906848	Drill Core	4.02	1.4	6.0	7788.8	29281	<0.5	7.8	6.7	81	>40	35	3.8	0.5	43	319.1	106.1	<0.5	40	<0.01	0.065
REP 1906848	QC		1.4	6.0	7863.4	29489	<0.5	7.0	7.3	76	>40	36	3.6	0.6	43	321.6	105.5	<0.5	40	<0.01	0.062
1906851	Drill Core	5.70	2.3	9.2	10780.9	29841	<0.5	9.4	6.8	72	>40	18	3.0	<0.5	25	376.3	55.4	<0.5	27	<0.01	0.040
REP 1906851	QC		2.5	8.5	10669.6	29149	<0.5	8.0	6.7	66	39.07	18	2.9	<0.5	24	369.8	54.5	<0.5	27	<0.01	0.039
1906879	Drill Core	4.09	15.4	62.6	98.9	200	1.4	91.5	10.0	63	6.62	43	2.3	4.2	28	1.8	23.7	<0.5	61	0.10	0.095
REP 1906879	QC		15.8	65.6	101.0	194	1.4	94.8	9.3	65	6.66	45	2.5	4.5	29	1.7	24.8	<0.5	62	0.12	0.096
Core Reject Duplicates																					
1906812	Drill Core	3.53	3.3	37.0	119.0	595	<0.5	39.9	7.6	24	2.06	23	1.0	5.3	22	2.2	4.0	<0.5	31	0.11	0.076
DUP 1906812	QC		3.5	36.6	121.9	614	<0.5	40.7	7.9	29	2.09	24	1.1	5.5	22	2.4	4.1	<0.5	33	0.11	0.070
1906846	Drill Core	0.82	1.2	20.6	9115.0	99376	<0.5	3.8	4.5	60	3.37	26	2.5	<0.5	46	623.9	7.0	<0.5	37	<0.01	0.093
DUP 1906846	QC		1.8	22.2	9205.9	98392	<0.5	5.3	5.5	148	4.02	26	2.5	<0.5	49	636.2	6.8	<0.5	39	<0.01	0.104
1906878	Drill Core	1.57	3.0	68.1	108.9	247	0.7	56.2	10.6	90	16.91	50	1.9	1.9	24	5.8	41.3	<0.5	34	0.05	0.064
DUP 1906878	QC		3.4	70.8	115.7	263	0.8	61.2	11.1	84	17.47	49	2.1	2.0	25	6.2	40.5	<0.5	37	0.06	0.081
Reference Materials																					
STD GBM398-4-AR	Standard		887.2	3874.7	11582.8	5398	49.7	4279.8	2032.0	5228	4.02	7	0.7	0.8	15	9.4	7.4	14.2	19	0.33	0.022
STD GBM398-4-AR	Standard		900.2	3907.9	11802.1	5347	49.8	4326.1	2073.8	5231	4.00	8	0.7	0.8	14	9.9	7.0	14.0	19	0.34	0.018
STD GBM398-4-AR	Standard		857.9	3822.1	12566.2	5299	49.3	4237.6	2002.6	5545	3.85	7	0.7	0.9	15	10.0	7.3	14.1	29	0.32	0.019
STD GBM398-4-AR	Standard		886.5	3828.4	11443.0	5134	49.8	4071.4	1947.2	5273	3.85	8	0.6	0.8	14	9.2	6.9	12.5	30	0.35	0.019
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
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Project: FWZ17-01
Report Date: October 19, 2017

QUALITY CONTROL REPORT WHI17000723.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270		MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01
Pulp Duplicates																		
1906817	Drill Core	19.8	9.3	<0.01	594	0.002	0.53	<0.01	0.08	<0.5	0.20	2.1	0.7	2.17	<5	3		
REP 1906817	QC	20.2	9.9	<0.01	611	0.002	0.53	<0.01	0.08	<0.5	0.14	2.7	0.7	2.17	<5	6		
1906848	Drill Core	2.4	16.5	<0.01	46	0.004	0.15	<0.01	<0.01	<0.5	3.28	1.5	20.2	>30	<5	<2		
REP 1906848	QC	2.2	15.8	<0.01	73	0.004	0.14	<0.01	<0.01	<0.5	3.38	1.3	20.6	>30	<5	<2		
1906851	Drill Core	1.6	15.8	<0.01	62	0.005	0.12	<0.01	<0.01	0.5	1.54	1.1	10.1	>30	<5	<2		
REP 1906851	QC	1.5	14.1	<0.01	58	0.005	0.11	<0.01	<0.01	0.5	1.44	0.9	9.7	>30	<5	2		
1906879	Drill Core	17.4	15.0	0.01	506	0.002	0.45	<0.01	0.16	<0.5	1.34	1.1	3.2	7.10	<5	6		
REP 1906879	QC	17.7	15.4	0.01	539	0.003	0.47	<0.01	0.17	<0.5	1.47	1.4	3.3	7.14	<5	6		
Core Reject Duplicates																		
1906812	Drill Core	22.9	10.4	0.01	1420	0.004	0.47	<0.01	0.18	<0.5	0.13	2.1	0.9	2.08	<5	4		
DUP 1906812	QC	23.5	12.0	0.02	1577	0.004	0.46	<0.01	0.18	<0.5	0.08	2.2	0.9	2.07	<5	6		
1906846	Drill Core	1.9	21.5	<0.01	311	<0.001	0.18	<0.01	<0.01	0.5	0.49	1.1	9.5	8.24	5	2	0.97	10.11
DUP 1906846	QC	2.2	26.8	<0.01	400	0.001	0.21	<0.01	<0.01	0.6	0.44	1.3	9.2	7.98	6	3	0.97	9.76
1906878	Drill Core	6.4	12.6	<0.01	136	0.002	0.30	<0.01	0.09	<0.5	1.76	2.2	3.7	18.87	<5	10		
DUP 1906878	QC	6.7	13.5	<0.01	141	0.002	0.33	<0.01	0.10	<0.5	1.74	2.0	3.6	19.24	<5	8		
Reference Materials																		
STD GBM398-4-AR	Standard	3.4	1983.8	0.13	21	0.111	0.48	0.26	0.11	2.8	3.31	1.6	<0.5	0.91	<5	4		
STD GBM398-4-AR	Standard	2.9	2067.5	0.13	19	0.110	0.46	0.26	0.11	2.9	3.01	2.2	<0.5	0.92	<5	3		
STD GBM398-4-AR	Standard	3.0	1986.5	0.12	21	0.112	0.50	0.23	0.11	3.1	3.07	1.9	<0.5	0.93	<5	3		
STD GBM398-4-AR	Standard	2.4	1918.5	0.12	20	0.110	0.48	0.25	0.10	2.7	3.03	1.9	<0.5	0.94	<5	<2		
STD OREAS132A	Standard																3.55	4.97
STD OREAS134B	Standard																13.52	17.84
STD OREAS132A	Standard																3.66	4.97
STD OREAS134B	Standard																13.39	18.07
STD OREAS132A	Standard																3.61	4.86
STD OREAS134B	Standard																13.20	17.52
STD OREAS132A	Standard																3.67	4.96
STD OREAS134B	Standard																13.74	17.49

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 19, 2017

QUALITY CONTROL REPORT WHI17000723.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.2	10532.7	233.6	708	4.3	29.6	30.5	1179	8.14	12	1.8	13.8	14	1.0	1.3	73.6	32	0.31	0.050
STD OREAS927-AR	Standard		1.2	10602.0	237.8	795	5.7	30.3	32.3	1168	7.96	12	1.8	12.4	15	1.0	1.3	74.9	34	0.35	0.055
STD OREAS927-AR	Standard		1.1	10320.0	244.5	743	4.7	31.0	30.3	1157	7.85	14	1.9	13.2	14	1.5	1.3	75.4	38	0.30	0.049
STD OREAS927-AR	Standard		1.0	10546.0	235.9	722	6.2	29.4	30.1	1073	8.04	12	1.8	13.3	13	1.5	1.4	65.6	34	0.27	0.055
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	8	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001
BLK	Blank		<0.5	0.7	0.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.7	9.1	2.0	39	<0.5	1.0	3.7	634	1.94	<5	<0.5	2.1	23	<0.5	<0.5	<0.5	20	0.57	0.038
ROCK-WHI	Prep Blank		1.0	10.1	1.1	40	<0.5	1.5	3.9	680	2.11	<5	<0.5	2.1	27	<0.5	<0.5	<0.5	26	0.68	0.040

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 19, 2017

QUALITY CONTROL REPORT WHI17000723.1

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Tl ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	Pb % 0.01	MA404 Zn % 0.01
STD OREAS132A	Standard																3.74	4.92
STD OREAS134B	Standard																13.42	17.83
STD OREAS927-AR	Standard	30.4	43.3	1.91	49	0.085	3.22	<0.01	0.28	5.9	0.12	5.6	<0.5	1.73	10	15		
STD OREAS927-AR	Standard	28.8	43.7	1.86	50	0.078	3.23	<0.01	0.27	5.5	0.07	4.7	<0.5	1.68	9	14		
STD OREAS927-AR	Standard	29.0	42.0	1.91	45	0.086	3.19	<0.01	0.29	4.8	0.11	4.9	<0.5	1.73	9	15		
STD OREAS927-AR	Standard	27.0	40.6	1.95	49	0.085	3.20	<0.01	0.28	5.2	0.14	5.0	<0.5	1.76	9	14		
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD OREAS132A Expected																	3.66	4.96
STD OREAS134B Expected																	13.36	18.03
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.08	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
BLK	Blank																<0.01	<0.01
Prep Wash																		
ROCK-WHI	Prep Blank	6.3	2.9	0.49	55	0.089	0.91	0.08	0.10	<0.5	<0.05	3.7	<0.5	0.06	<5	<2		
ROCK-WHI	Prep Blank	5.5	2.5	0.46	53	0.097	0.98	0.08	0.10	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2		

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 29, 2017
Report Date: October 20, 2017
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI17000724.1

CLIENT JOB INFORMATION

Project:	FWZ17-01
Shipment ID:	FWZ17-01015
P.O. Number	FWZ17-01015
Number of Samples:	72

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	69	Crush, split and pulverize 500g rock to 200 mesh			WHI
CRUBW	1	Extra clean rock wash between samples in crusher			WHI
PULSW	1	Extra Wash with Silica between each sample			VAN
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
SLBHP	3	Sort, label and box pulps			WHI
SPTPL	70	Splitting of pulp samples for client			VAN
AQ270	72	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	71	Per sample shipping charges for branch shipments			VAN
MA404	28	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN
GC816	2	Zinc Assay by Classical Titration	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000724.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906886	Drill Core	5.09	4.4	71.1	331.2	26	0.7	43.6	6.7	68	2.18	37	1.1	3.4	20	<0.5	6.4	<0.5	19	<0.01	0.016
1906887	Drill Core	5.24	18.0	61.8	805.8	295	0.6	79.3	7.7	75	2.16	51	2.5	4.8	38	3.6	13.0	<0.5	112	0.10	0.072
1906888	Drill Core	3.34	22.9	81.1	1574.3	253	0.8	90.2	8.9	93	3.29	64	2.7	4.6	32	5.3	20.1	<0.5	143	0.10	0.065
1906889	Drill Core	2.42	18.8	81.6	2012.3	294	0.8	79.0	10.2	73	3.67	65	2.3	4.3	28	28.3	19.9	<0.5	145	<0.01	0.023
1906890	Drill Core	2.50	19.4	75.8	2064.3	414	0.8	78.7	10.4	74	3.91	71	2.3	4.2	28	26.4	21.6	<0.5	153	0.01	0.030
1906891	Drill Core	3.92	16.7	80.4	1499.0	9822	0.8	71.4	11.7	49	2.76	82	2.0	4.4	31	69.6	18.8	<0.5	148	<0.01	0.025
1906892	Drill Core	3.93	13.1	62.0	3096.5	24326	0.9	70.9	10.5	61	3.16	165	2.1	3.6	44	370.3	14.2	<0.5	133	0.06	0.063
1906893	Drill Core	4.08	10.2	70.0	3618.0	3808	1.3	80.8	14.0	253	5.81	209	2.0	3.4	26	67.6	18.1	<0.5	133	0.03	0.055
1906894	Drill Core	3.44	4.9	51.6	3139.5	2219	0.8	52.2	11.1	38	2.41	77	1.7	3.8	35	45.9	11.8	<0.5	60	<0.01	0.043
1906895	Drill Core	2.78	19.2	63.6	5165.1	1374	0.6	62.4	15.6	39	2.34	70	3.6	7.4	113	66.5	21.2	<0.5	170	0.02	0.068
1906896	Drill Core	2.88	26.6	67.0	2653.1	2867	0.6	88.4	26.8	22	4.13	112	8.5	6.8	175	129.8	25.8	<0.5	195	0.02	0.084
1906897	Drill Core	4.79	10.2	56.0	>40000	121502	4.0	59.0	51.3	69	16.26	490	5.4	1.2	24	623.1	60.1	<0.5	88	<0.01	0.051
1906898	Drill Core	2.08	8.5	55.2	>40000	>200000	3.6	59.5	73.4	88	14.07	625	3.8	1.7	12	1020.9	78.3	<0.5	71	<0.01	0.041
1906899	Drill Core	4.09	7.4	43.8	30069.3	128359	2.2	72.4	64.1	116	12.14	359	3.0	1.5	6	705.1	71.4	<0.5	55	<0.01	0.012
1906900	Rock Pulp	0.03	3.0	335.8	>40000	108040	100.7	24.3	23.6	1284	7.84	148	1.2	5.3	17	325.8	163.0	0.5	<10	3.92	0.042
1906901	Drill Core	3.71	5.2	23.8	34061.2	77925	2.5	40.0	38.2	110	8.48	192	1.5	0.8	7	1084.9	63.0	<0.5	57	<0.01	0.007
1906902	Drill Core	2.49	5.5	8.9	19376.1	14256	2.1	45.7	49.8	37	23.94	264	0.9	<0.5	<5	486.0	98.3	<0.5	<10	<0.01	0.002
1906903	Drill Core	3.03	5.1	7.6	31439.2	23368	2.8	51.1	56.0	49	27.56	251	1.1	<0.5	<5	235.3	77.9	<0.5	12	<0.01	0.003
1906904	Drill Core	2.17	5.4	16.8	29639.7	18591	2.8	53.4	54.8	39	18.95	290	1.3	0.7	<5	339.0	71.9	<0.5	30	<0.01	0.001
1906905	Drill Core	3.18	7.0	8.8	4881.7	6702	0.8	45.5	43.9	75	33.97	125	1.0	<0.5	<5	211.9	76.5	<0.5	19	<0.01	0.002
1906906	Drill Core	2.90	6.3	17.8	12059.4	56289	2.6	40.1	39.3	78	14.60	173	3.4	1.5	9	316.9	58.8	<0.5	106	<0.01	0.018
1906907	Drill Core	2.39	5.5	27.0	17225.8	>200000	8.9	42.3	44.5	150	6.08	163	2.3	1.2	10	1721.0	51.4	<0.5	56	<0.01	0.023
1906908	Drill Core	4.44	4.1	9.3	>40000	>200000	3.7	22.3	29.0	86	12.93	229	4.1	1.7	10	1356.1	108.0	<0.5	65	0.01	0.035
1906909	Drill Core	1.27	3.9	15.3	15217.1	>200000	1.2	34.1	39.3	69	6.99	154	2.5	1.3	8	1573.7	53.2	<0.5	79	0.01	0.024
1906910	Drill Core	1.29	3.0	13.7	10233.3	>200000	1.3	33.0	40.7	80	9.43	200	2.3	1.1	7	1807.4	59.4	<0.5	72	0.02	0.018
1906911	Drill Core	2.61	4.3	17.7	>40000	>200000	1.2	53.4	51.0	101	10.56	167	2.8	2.0	9	1100.0	82.7	<0.5	69	<0.01	0.023
1906912	Drill Core	2.61	4.6	30.7	>40000	>200000	1.1	39.9	34.7	251	5.35	158	9.3	6.9	169	1658.3	67.8	<0.5	76	0.02	0.154
1906913	Drill Core	2.26	2.9	11.9	12305.2	31968	<0.5	10.3	8.6	61	4.09	26	2.5	1.4	11	161.3	12.7	<0.5	12	<0.01	0.026
1906914	Drill Core	3.16	3.3	12.6	12440.9	38162	<0.5	12.7	17.2	29	1.48	47	2.1	0.6	7	268.2	18.6	<0.5	<10	<0.01	0.020
1906915	Drill Core	2.12	6.7	10.2	17828.7	74486	<0.5	46.3	87.6	113	17.32	225	1.2	<0.5	<5	391.4	84.9	<0.5	<10	<0.01	0.015

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000724.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404	GC816
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	1
1906886	Drill Core	14.9	11.0	<0.01	501	0.002	0.26	<0.01	0.10	<0.5	0.09	1.5	0.7	2.34	<5	3			
1906887	Drill Core	20.0	25.8	<0.01	1303	0.002	1.31	<0.01	0.07	<0.5	0.35	3.2	1.2	2.05	<5	4			
1906888	Drill Core	17.9	27.9	<0.01	425	0.002	1.42	<0.01	0.08	<0.5	0.40	2.7	2.2	3.30	6	7			
1906889	Drill Core	17.7	30.1	<0.01	416	0.002	0.65	<0.01	0.04	<0.5	0.52	3.9	4.3	4.23	<5	5			
1906890	Drill Core	16.9	30.9	<0.01	429	0.003	0.65	<0.01	0.04	<0.5	0.61	3.5	5.5	4.45	<5	7			
1906891	Drill Core	17.0	32.5	<0.01	432	0.002	0.58	<0.01	0.03	<0.5	2.80	3.5	4.5	3.55	<5	4			
1906892	Drill Core	14.0	30.7	<0.01	370	0.002	0.70	<0.01	0.02	<0.5	7.96	3.2	2.5	4.57	<5	6			
1906893	Drill Core	13.3	35.5	<0.01	203	0.004	1.37	<0.01	0.03	<0.5	1.61	2.9	2.7	6.46	<5	8			
1906894	Drill Core	14.6	22.5	<0.01	648	0.010	0.68	<0.01	<0.01	<0.5	1.38	3.2	1.6	2.63	<5	4			
1906895	Drill Core	34.1	45.8	<0.01	831	0.035	0.56	<0.01	<0.01	<0.5	1.62	6.2	1.5	2.62	5	4			
1906896	Drill Core	29.7	53.4	<0.01	472	0.041	0.74	<0.01	<0.01	0.8	2.15	7.3	2.8	4.96	6	4			
1906897	Drill Core	5.7	37.0	<0.01	103	0.023	0.16	<0.01	<0.01	<0.5	35.95	2.7	14.0	23.84	8	12	5.59	12.37	
1906898	Drill Core	2.7	32.5	<0.01	76	0.019	0.12	<0.01	<0.01	1.0	52.68	2.0	16.1	25.33	8	16	5.99	21.25	
1906899	Drill Core	1.3	25.9	<0.01	126	0.017	0.07	<0.01	<0.01	1.6	40.25	1.7	15.5	18.96	<5	10	2.97	12.94	
1906900	Rock Pulp	17.3	11.4	2.12	85	0.011	0.75	<0.01	0.44	<0.5	3.95	2.9	42.7	11.03	<5	6	4.82	10.92	
1906901	Drill Core	0.6	15.2	<0.01	252	0.017	0.04	<0.01	<0.01	1.2	38.75	1.1	16.2	13.57	<5	6			
1906902	Drill Core	<0.5	5.7	<0.01	106	0.001	<0.01	<0.01	<0.01	1.5	20.41	1.1	24.6	28.43	<5	<2			
1906903	Drill Core	<0.5	6.0	<0.01	67	0.002	<0.01	<0.01	<0.01	0.8	25.69	0.8	16.7	>30	<5	3			
1906904	Drill Core	<0.5	14.3	<0.01	127	0.011	<0.01	<0.01	<0.01	1.0	27.74	1.7	10.6	22.73	<5	4			
1906905	Drill Core	<0.5	7.5	<0.01	58	0.006	<0.01	<0.01	<0.01	1.9	12.34	0.7	22.8	>30	<5	<2			
1906906	Drill Core	0.9	28.6	<0.01	143	0.034	0.08	<0.01	<0.01	2.7	28.40	1.8	14.5	18.97	<5	6			
1906907	Drill Core	1.0	18.8	<0.01	199	0.014	0.08	<0.01	<0.01	2.7	123.51	1.3	15.3	18.12	6	20	1.72	29.87	
1906908	Drill Core	1.0	19.4	<0.01	149	0.009	0.07	<0.01	<0.01	3.4	82.78	3.2	21.1	23.11	<5	13	10.45	23.88	
1906909	Drill Core	0.7	19.0	<0.01	211	0.008	0.07	<0.01	<0.01	2.6	99.73	2.8	12.3	20.50	<5	20	1.53	>30	30.77
1906910	Drill Core	0.5	17.9	<0.01	128	0.007	0.07	<0.01	<0.01	2.6	116.59	1.8	15.4	23.78	<5	21	1.11	>30	35.61
1906911	Drill Core	1.0	20.5	<0.01	134	0.013	0.08	<0.01	<0.01	3.8	116.68	1.7	18.5	21.10	<5	13	4.72	20.09	
1906912	Drill Core	5.7	26.4	<0.01	278	0.014	0.29	<0.01	<0.01	10.3	103.05	3.5	19.1	16.49	8	13	4.60	21.43	
1906913	Drill Core	0.9	8.7	<0.01	136	0.002	0.07	<0.01	<0.01	6.5	9.43	1.1	2.8	5.85	<5	<2			
1906914	Drill Core	0.7	7.8	<0.01	191	<0.001	0.05	<0.01	<0.01	4.1	10.57	3.3	1.9	3.51	<5	<2			
1906915	Drill Core	<0.5	11.8	<0.01	114	<0.001	0.04	<0.01	<0.01	2.8	18.97	1.7	12.9	22.45	<5	5			

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000724.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906916	Drill Core	3.36	6.3	10.0	19710.4	36734	<0.5	39.7	58.6	65	19.87	120	1.5	0.5	7	149.0	50.9	<0.5	<10	<0.01	0.013
1906917	Drill Core	1.71	4.2	8.7	5509.2	26504	<0.5	23.1	21.8	64	18.56	102	1.2	<0.5	7	107.3	44.5	<0.5	<10	<0.01	0.012
1906918	Drill Core	2.17	3.6	16.4	10229.9	89563	<0.5	16.7	13.7	72	1.93	63	2.8	0.7	16	340.0	27.1	<0.5	20	<0.01	0.040
1906919	Drill Core	1.42	4.0	19.3	20381.9	81290	<0.5	15.9	22.6	67	2.32	61	2.1	1.0	10	610.0	27.5	<0.5	37	<0.01	0.033
1906920	Rock Pulp	0.03	2.7	226.2	19838.4	29732	36.2	27.5	20.5	1868	5.39	83	1.8	7.3	25	98.4	52.1	<0.5	16	5.20	0.056
1906921	Drill Core	2.30	4.1	17.1	35689.1	117447	<0.5	26.1	34.2	83	7.34	123	1.9	0.8	9	794.7	65.8	<0.5	25	<0.01	0.040
1906922	Drill Core	2.81	2.9	7.4	23331.9	41270	<0.5	42.9	39.0	61	31.24	197	1.1	1.0	<5	1332.5	152.7	<0.5	17	<0.01	0.019
1906923	Drill Core	1.75	4.9	18.7	28165.3	99182	<0.5	63.9	57.4	72	17.13	252	4.0	2.3	15	625.4	134.0	<0.5	58	<0.01	0.062
1906924	Drill Core	2.93	4.7	29.8	>40000	167551	<0.5	45.3	35.9	75	3.85	221	5.2	2.4	19	585.5	77.6	<0.5	113	<0.01	0.089
1906925	Drill Core	1.71	4.6	11.5	30034.6	54028	<0.5	58.1	53.4	62	28.60	308	1.6	1.1	<5	853.2	168.1	<0.5	36	<0.01	0.023
1906926	Drill Core	1.98	5.6	17.2	39815.7	61563	<0.5	65.6	58.9	69	26.20	415	3.2	2.3	10	713.8	175.7	<0.5	59	<0.01	0.036
1906927	Drill Core	2.01	5.2	7.1	23502.0	33146	<0.5	101.8	64.7	62	36.27	423	2.0	2.1	<5	489.6	249.9	<0.5	23	<0.01	0.012
1906928	Drill Core	2.36	6.5	24.9	>40000	>200000	<0.5	48.6	26.5	64	3.35	224	4.4	2.7	23	1214.9	65.6	<0.5	101	<0.01	0.116
1906929	Drill Core	1.18	8.3	22.8	35950.1	>200000	<0.5	24.1	11.5	56	1.71	145	1.9	1.6	11	3980.0	15.8	<0.5	94	<0.01	0.069
1906930	Drill Core	1.29	8.9	22.3	33910.4	>200000	<0.5	26.3	14.9	61	2.27	147	2.0	1.7	13	3671.1	18.8	<0.5	103	<0.01	0.070
1906931	Drill Core	1.10	8.4	24.8	29398.6	>200000	<0.5	19.7	7.8	55	2.17	179	3.2	1.9	13	2657.7	20.1	<0.5	99	<0.01	0.070
1906932	Drill Core	2.39	13.8	41.0	21281.5	157771	<0.5	45.4	12.0	57	5.08	254	3.9	3.8	31	1027.8	28.8	<0.5	228	<0.01	0.082
1906933	Drill Core	1.51	10.2	27.8	17210.8	191603	<0.5	25.7	14.1	57	2.87	222	2.1	3.1	25	790.4	17.1	<0.5	115	<0.01	0.084
1906934	Drill Core	1.39	7.2	19.3	>40000	>200000	<0.5	19.7	12.9	33	2.12	147	1.6	2.4	16	983.3	18.9	<0.5	68	<0.01	0.068
1906935	Drill Core	1.38	8.1	26.2	>40000	185622	<0.5	21.6	15.4	64	1.59	178	2.5	2.5	24	780.6	16.5	<0.5	82	<0.01	0.085
1906936	Drill Core	1.34	9.1	23.1	25464.9	>200000	<0.5	24.3	20.6	84	2.70	129	3.4	1.3	30	587.9	22.9	<0.5	78	0.01	0.108
1906937	Drill Core	2.31	10.9	29.6	>40000	>200000	0.6	31.7	35.5	70	4.54	128	3.7	1.5	32	766.6	48.0	<0.5	93	0.01	0.110
1906938	Drill Core	1.80	12.3	35.7	>40000	>200000	0.6	40.4	78.7	67	2.82	113	6.8	1.6	42	1287.9	42.1	<0.5	139	0.02	0.127
1906939	Drill Core	2.77	11.3	80.5	>40000	>200000	3.1	28.4	47.7	193	3.84	60	16.7	2.1	117	2145.2	58.7	<0.5	112	0.04	0.196
1906940	Rock	0.53	1.1	9.9	122.6	488	<0.5	1.8	5.2	672	2.35	<5	<0.5	1.7	32	5.3	<0.5	<0.5	44	0.97	0.042
1906941	Drill Core	2.05	14.1	74.5	37985.8	188302	6.2	46.6	52.4	124	11.04	184	4.7	2.5	116	697.0	75.8	<0.5	215	0.02	0.061
1906942	Drill Core	3.13	28.2	104.0	282.2	3553	1.2	142.9	31.0	35	15.12	262	5.8	4.7	45	100.3	157.0	<0.5	138	<0.01	0.046
1906942-CW	Rock		0.5	4.5	57.4	230	<0.5	1.1	3.7	653	1.95	<5	0.5	2.5	25	1.9	<0.5	<0.5	23	0.60	0.039
1906942-PW	Silica		<0.5	1.9	9.7	23	<0.5	1.1	<0.5	45	0.51	<5	<0.5	2.2	<5	0.6	<0.5	<0.5	<10	<0.01	0.003
1906943	Drill Core	3.32	4.3	43.5	150.6	127	<0.5	48.9	8.0	57	3.98	49	1.6	3.5	21	11.6	29.2	<0.5	90	0.05	0.054

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404	GC816
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	1
1906916	Drill Core	0.8	11.4	<0.01	107	<0.001	0.05	<0.01	<0.01	3.9	9.01	0.9	7.1	24.06	<5	2			
1906917	Drill Core	<0.5	9.2	<0.01	125	<0.001	0.03	<0.01	<0.01	3.8	5.33	0.6	11.1	22.26	<5	<2			
1906918	Drill Core	1.2	14.0	<0.01	284	0.002	0.10	<0.01	<0.01	6.1	6.75	1.6	4.5	6.04	<5	4	0.96	8.81	
1906919	Drill Core	1.3	14.6	<0.01	176	0.009	0.10	<0.01	<0.01	4.4	4.59	1.0	7.0	6.14	<5	<2	1.91	8.05	
1906920	Rock Pulp	28.0	14.6	2.83	152	0.019	1.00	0.01	0.73	0.5	1.17	3.0	29.1	4.80	<5	<2			
1906921	Drill Core	1.0	14.4	<0.01	240	0.004	0.12	<0.01	<0.01	3.4	3.76	0.8	12.1	13.43	<5	3	3.33	11.21	
1906922	Drill Core	0.8	9.3	<0.01	86	0.002	0.08	<0.01	<0.01	1.4	1.79	0.5	13.1	>30	<5	<2			
1906923	Drill Core	3.0	24.5	<0.01	127	0.013	0.17	<0.01	<0.01	4.1	2.55	0.9	20.5	23.74	8	5	2.59	10.30	
1906924	Drill Core	3.6	40.7	<0.01	275	0.024	0.24	<0.01	<0.01	2.6	2.58	1.9	12.0	12.30	15	4	5.66	16.18	
1906925	Drill Core	1.4	16.4	<0.01	97	0.008	0.10	<0.01	<0.01	0.6	1.91	<0.5	14.5	>30	<5	<2			
1906926	Drill Core	3.3	24.1	<0.01	39	0.015	0.17	<0.01	<0.01	0.5	2.34	0.6	17.8	>30	<5	<2			
1906927	Drill Core	2.3	12.7	<0.01	37	0.004	0.07	<0.01	<0.01	<0.5	2.28	<0.5	22.3	>30	<5	<2			
1906928	Drill Core	3.8	39.3	<0.01	272	0.019	0.28	<0.01	<0.01	<0.5	1.18	1.8	8.7	13.56	20	6	4.77	21.22	
1906929	Drill Core	2.1	31.6	<0.01	283	0.021	0.19	<0.01	<0.01	0.9	1.03	1.9	8.5	13.30	11	6	3.70	24.67	
1906930	Drill Core	2.3	34.4	<0.01	290	0.025	0.22	<0.01	<0.01	0.6	1.24	1.7	8.7	13.32	11	6	3.26	22.06	
1906931	Drill Core	2.1	27.9	<0.01	316	0.021	0.20	<0.01	<0.01	0.7	1.10	3.4	7.1	13.28	9	8	2.98	23.61	
1906932	Drill Core	7.5	63.4	<0.01	408	0.060	0.29	<0.01	<0.01	0.8	1.25	2.0	5.4	12.79	7	8	2.08	15.35	
1906933	Drill Core	2.8	34.7	<0.01	111	0.028	0.23	<0.01	<0.01	1.3	1.20	1.1	6.7	12.12	8	6	1.70	20.03	
1906934	Drill Core	1.9	20.6	<0.01	270	0.013	0.15	<0.01	<0.01	0.9	1.18	<0.5	10.3	12.20	7	7	5.77	20.65	
1906935	Drill Core	2.6	26.5	<0.01	341	0.016	0.25	<0.01	<0.01	0.8	1.04	1.2	6.9	10.67	7	5	4.75	18.23	
1906936	Drill Core	2.0	28.1	<0.01	279	0.017	0.28	<0.01	<0.01	0.9	2.08	1.2	7.6	14.09	7	7	2.42	24.45	
1906937	Drill Core	2.8	39.1	<0.01	292	0.024	0.30	<0.01	<0.01	0.9	3.61	1.7	9.8	14.94	8	6	4.33	19.77	
1906938	Drill Core	2.5	51.5	<0.01	348	0.040	0.33	<0.01	<0.01	0.7	5.59	2.5	7.3	13.09	11	7	4.46	20.71	
1906939	Drill Core	3.3	49.1	<0.01	221	0.023	0.43	<0.01	<0.01	<0.5	96.04	7.9	7.3	14.04	20	7	4.86	20.53	
1906940	Rock	6.3	6.7	0.61	62	0.127	1.19	0.10	0.12	<0.5	0.12	4.4	<0.5	<0.05	<5	<2			
1906941	Drill Core	7.4	56.8	<0.01	91	0.067	0.27	<0.01	<0.01	<0.5	86.74	3.0	5.2	20.86	10	11	4.04	18.98	
1906942	Drill Core	15.5	39.9	<0.01	206	0.034	0.85	<0.01	<0.01	<0.5	4.25	5.7	10.6	17.76	5	6			
1906942-CW	Rock	7.1	8.0	0.48	51	0.105	0.92	0.09	0.12	<0.5	0.05	3.8	<0.5	0.07	<5	<2			
1906942-PW	Silica	6.0	2.5	<0.01	<5	0.002	0.06	<0.01	0.04	<0.5	<0.05	0.5	<0.5	<0.05	<5	<2			
1906943	Drill Core	11.4	26.4	<0.01	709	0.022	0.60	<0.01	<0.01	<0.5	0.63	2.7	1.4	4.50	<5	<2			

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	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906944	Drill Core	5.39	2.0	21.3	130.4	70	0.6	34.5	6.7	30	2.97	50	1.6	2.1	26	6.6	11.8	<0.5	97	<0.01	0.032
1906945	Drill Core	5.39	1.2	22.5	103.9	60	<0.5	32.6	5.1	32	2.38	34	1.2	1.9	15	5.6	10.3	<0.5	45	0.01	0.022
1906946	Drill Core	5.35	2.9	41.1	192.9	59	<0.5	41.1	6.7	31	2.94	25	1.6	3.6	40	19.5	13.1	<0.5	30	0.02	0.042
1906947	Drill Core	4.39	3.0	48.2	114.1	39	0.6	37.7	7.3	33	2.72	25	1.3	3.9	21	9.1	13.1	<0.5	32	0.03	0.035
1906948	Drill Core	5.61	3.2	41.1	106.9	41	<0.5	36.3	6.9	29	4.54	31	1.5	3.9	28	13.4	11.5	<0.5	40	0.02	0.029
1906949	Drill Core	2.72	2.6	31.3	98.2	48	<0.5	39.2	7.9	26	2.36	27	1.3	3.5	28	5.4	10.5	<0.5	23	0.02	0.027
1906950	Drill Core	3.32	2.4	33.0	92.4	48	<0.5	37.0	6.7	34	2.69	26	1.2	3.1	27	11.2	9.9	<0.5	21	0.02	0.028
1906951	Drill Core	5.28	1.6	29.4	88.5	156	<0.5	37.8	5.3	397	3.16	26	1.1	2.2	40	11.2	7.9	<0.5	23	0.06	0.050
1906952	Drill Core	5.24	2.5	49.3	132.2	75	<0.5	40.4	7.1	41	3.96	35	1.3	3.5	27	13.0	10.1	<0.5	28	0.02	0.031
1906953	Drill Core	4.29	1.5	35.5	78.1	49	<0.5	30.5	4.7	39	2.15	27	0.9	1.9	20	6.8	6.4	<0.5	12	0.02	0.023
1906954	Drill Core	3.72	2.9	52.6	146.3	59	0.6	44.9	8.9	29	6.71	36	2.1	4.2	42	14.4	14.6	<0.5	31	0.04	0.039
1906955	Drill Core	4.07	3.2	48.5	73.9	37	0.7	39.4	7.9	34	4.66	35	1.9	4.5	31	6.4	11.9	<0.5	36	0.07	0.055

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000724.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404	MA404	GC816
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	1
1906944	Drill Core	8.6	36.1	<0.01	409	0.029	0.48	<0.01	<0.01	<0.5	0.33	1.8	0.7	3.26	<5	<2			
1906945	Drill Core	8.5	24.2	<0.01	209	0.008	0.37	<0.01	0.01	<0.5	0.24	1.9	<0.5	2.57	<5	<2			
1906946	Drill Core	16.0	15.4	<0.01	560	0.002	0.52	<0.01	0.07	<0.5	0.29	2.3	0.7	3.29	<5	<2			
1906947	Drill Core	16.3	13.8	0.01	1210	0.003	0.53	<0.01	0.14	<0.5	0.22	1.5	0.7	3.04	<5	<2			
1906948	Drill Core	14.8	15.2	0.01	785	0.004	0.51	<0.01	0.16	<0.5	0.25	2.1	0.9	5.19	<5	<2			
1906949	Drill Core	16.2	14.5	0.01	1249	0.004	0.43	<0.01	0.15	<0.5	0.16	2.0	0.6	2.59	<5	2			
1906950	Drill Core	13.6	13.7	0.01	1185	0.004	0.48	<0.01	0.14	<0.5	0.15	1.6	0.6	2.93	<5	3			
1906951	Drill Core	10.5	16.0	0.01	1113	0.003	0.34	<0.01	0.11	<0.5	0.10	2.3	0.6	2.40	<5	2			
1906952	Drill Core	14.8	13.1	0.01	860	0.003	0.43	<0.01	0.12	<0.5	0.33	1.4	1.0	4.40	<5	4			
1906953	Drill Core	8.7	7.7	<0.01	840	0.002	0.25	<0.01	0.08	<0.5	0.12	1.1	<0.5	2.18	<5	<2			
1906954	Drill Core	16.4	10.9	0.01	582	0.003	0.42	<0.01	0.15	<0.5	0.60	1.5	1.7	7.79	<5	4			
1906955	Drill Core	16.7	12.7	0.01	854	0.003	0.46	<0.01	0.17	<0.5	0.43	1.8	1.4	5.35	<5	3			

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

QUALITY CONTROL REPORT WHI17000724.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906911	Drill Core	2.61	4.3	17.7	>40000	>200000	1.2	53.4	51.0	101	10.56	167	2.8	2.0	9	1100.0	82.7	<0.5	69	<0.01	0.023
REP 1906911	QC																				
1906912	Drill Core	2.61	4.6	30.7	>40000	>200000	1.1	39.9	34.7	251	5.35	158	9.3	6.9	169	1658.3	67.8	<0.5	76	0.02	0.154
REP 1906912	QC		4.7	32.4	>40000	>200000	1.2	42.5	36.1	251	5.31	155	9.2	6.8	170	1611.6	69.5	<0.5	75	0.03	0.143
1906936	Drill Core	1.34	9.1	23.1	25464.9	>200000	<0.5	24.3	20.6	84	2.70	129	3.4	1.3	30	587.9	22.9	<0.5	78	0.01	0.108
REP 1906936	QC																				
1906939	Drill Core	2.77	11.3	80.5	>40000	>200000	3.1	28.4	47.7	193	3.84	60	16.7	2.1	117	2145.2	58.7	<0.5	112	0.04	0.196
REP 1906939	QC																				
1906945	Drill Core	5.39	1.2	22.5	103.9	60	<0.5	32.6	5.1	32	2.38	34	1.2	1.9	15	5.6	10.3	<0.5	45	0.01	0.022
REP 1906945	QC		1.5	20.2	102.4	60	<0.5	33.2	5.4	31	2.36	32	1.1	1.8	15	5.3	9.6	<0.5	45	<0.01	0.024
1906955	Drill Core	4.07	3.2	48.5	73.9	37	0.7	39.4	7.9	34	4.66	35	1.9	4.5	31	6.4	11.9	<0.5	36	0.07	0.055
REP 1906955	QC		3.0	49.6	72.8	38	0.7	39.1	8.2	35	4.66	36	1.9	4.4	31	6.4	11.9	<0.5	34	0.08	0.057
Core Reject Duplicates																					
1906895	Drill Core	2.78	19.2	63.6	5165.1	1374	0.6	62.4	15.6	39	2.34	70	3.6	7.4	113	66.5	21.2	<0.5	170	0.02	0.068
DUP 1906895	QC		20.1	65.4	5104.6	1326	0.6	64.4	14.8	43	2.44	68	3.8	7.9	119	60.6	22.1	<0.5	178	0.01	0.067
1906929	Drill Core	1.18	8.3	22.8	35950.1	>200000	<0.5	24.1	11.5	56	1.71	145	1.9	1.6	11	3980.0	15.8	<0.5	94	<0.01	0.069
DUP 1906929	QC		8.6	24.2	37552.7	>200000	<0.5	25.3	12.6	60	1.73	152	2.0	1.7	12	4017.0	16.4	<0.5	96	<0.01	0.069
Reference Materials																					
STD CZN-4	Standard																				
STD CZN-4	Standard																				
STD GBM398-4-AR	Standard		892.4	3860.9	11458.2	5144	49.0	4038.0	1859.9	5192	3.83	8	0.6	0.8	12	9.0	6.2	11.8	30	0.30	0.018
STD GBM398-4-AR	Standard		847.3	3751.8	12015.5	5244	49.7	3822.7	1863.7	5378	3.93	6	0.7	0.8	15	9.0	7.4	13.2	24	0.32	0.017
STD GBM398-4-AR	Standard		854.4	3658.2	11836.1	5070	48.3	3926.3	1879.6	5280	3.77	6	0.7	0.8	14	9.7	6.9	13.1	26	0.33	0.018
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

QUALITY CONTROL REPORT WHI17000724.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270		MA404	GC816
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn	Zn
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	1
Pulp Duplicates																			
1906911	Drill Core	1.0	20.5	<0.01	134	0.013	0.08	<0.01	<0.01	3.8	116.68	1.7	18.5	21.10	<5	13	4.72	20.09	
REP 1906911	QC																4.74	19.51	
1906912	Drill Core	5.7	26.4	<0.01	278	0.014	0.29	<0.01	<0.01	10.3	103.05	3.5	19.1	16.49	8	13	4.60	21.43	
REP 1906912	QC	5.7	28.4	<0.01	277	0.013	0.30	<0.01	<0.01	10.5	100.84	3.3	18.9	16.40	8	16			
1906936	Drill Core	2.0	28.1	<0.01	279	0.017	0.28	<0.01	<0.01	0.9	2.08	1.2	7.6	14.09	7	7	2.42	24.45	
REP 1906936	QC																2.27	23.04	
1906939	Drill Core	3.3	49.1	<0.01	221	0.023	0.43	<0.01	<0.01	<0.5	96.04	7.9	7.3	14.04	20	7	4.86	20.53	
REP 1906939	QC																4.61	21.16	
1906945	Drill Core	8.5	24.2	<0.01	209	0.008	0.37	<0.01	0.01	<0.5	0.24	1.9	<0.5	2.57	<5	<2			
REP 1906945	QC	8.6	24.3	<0.01	203	0.008	0.37	<0.01	0.01	<0.5	0.21	1.8	<0.5	2.53	<5	<2			
1906955	Drill Core	16.7	12.7	0.01	854	0.003	0.46	<0.01	0.17	<0.5	0.43	1.8	1.4	5.35	<5	3			
REP 1906955	QC	16.2	12.8	0.01	924	0.003	0.46	<0.01	0.17	<0.5	0.37	1.7	1.5	5.35	<5	3			
Core Reject Duplicates																			
1906895	Drill Core	34.1	45.8	<0.01	831	0.035	0.56	<0.01	<0.01	<0.5	1.62	6.2	1.5	2.62	5	4			
DUP 1906895	QC	35.7	48.1	<0.01	817	0.037	0.54	<0.01	<0.01	<0.5	1.55	5.7	1.5	2.68	6	5			
1906929	Drill Core	2.1	31.6	<0.01	283	0.021	0.19	<0.01	<0.01	0.9	1.03	1.9	8.5	13.30	11	6	3.70	24.67	
DUP 1906929	QC	1.9	32.5	<0.01	314	0.023	0.21	<0.01	<0.01	0.7	1.14	1.8	8.6	13.21	12	6	3.58	24.32	
Reference Materials																			
STD CZN-4	Standard																		55.06
STD CZN-4	Standard																		55.23
STD GBM398-4-AR	Standard	2.7	1906.2	0.13	21	0.109	0.49	0.25	0.10	2.8	2.91	2.0	<0.5	0.92	<5	3			
STD GBM398-4-AR	Standard	2.7	1881.3	0.13	20	0.115	0.48	0.23	0.11	3.0	3.07	1.7	<0.5	0.92	<5	4			
STD GBM398-4-AR	Standard	3.0	1893.0	0.12	20	0.112	0.47	0.23	0.11	2.9	2.97	1.7	<0.5	0.89	<5	<2			
STD OREAS132A	Standard																3.55	4.97	
STD OREAS134B	Standard																13.52	17.84	
STD OREAS132A	Standard																3.66	4.97	
STD OREAS134B	Standard																13.39	18.07	
STD OREAS132A	Standard																3.61	4.86	

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Suite 1020, 800 Pender Street
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Project: FWZ17-01
Report Date: October 20, 2017

QUALITY CONTROL REPORT WHI17000724.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.0	10628.4	218.9	744	4.8	30.0	27.4	1061	7.98	11	1.5	11.7	13	1.3	1.2	62.4	33	0.29	0.053
STD OREAS927-AR	Standard		1.0	10223.9	218.5	704	4.9	27.7	29.4	1111	7.89	13	1.7	12.6	13	0.9	1.4	67.7	34	0.28	0.053
STD OREAS927-AR	Standard		1.0	10308.7	246.9	724	6.0	29.9	30.5	1193	7.92	12	1.8	13.2	13	1.7	1.5	77.5	37	0.30	0.056
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD CZN-4 Expected																					
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	0.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
BLK	Blank		<0.5	<0.5	1.0	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.6	6.7	3.1	52	<0.5	1.1	3.8	576	1.97	<5	<0.5	1.8	22	<0.5	<0.5	<0.5	25	0.59	0.044
ROCK-WHI	Prep Blank		0.6	4.5	3.9	56	<0.5	0.9	3.2	567	1.85	<5	<0.5	2.0	23	<0.5	<0.5	<0.5	22	0.56	0.038

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Project: FWZ17-01
Report Date: October 20, 2017

QUALITY CONTROL REPORT WHI17000724.1

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Tl ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	Pb % 0.01	MA404 Zn % 0.01	GC816 Zn % 1
STD OREAS134B	Standard																13.20	17.52	
STD OREAS132A	Standard																3.74	4.92	
STD OREAS134B	Standard																13.42	17.83	
STD OREAS927-AR	Standard	25.8	39.7	1.89	42	0.079	3.13	<0.01	0.23	5.3	0.05	3.9	<0.5	1.75	10	15			
STD OREAS927-AR	Standard	27.5	39.6	1.92	46	0.093	3.15	<0.01	0.26	4.9	0.13	4.2	<0.5	1.73	8	15			
STD OREAS927-AR	Standard	30.1	41.3	1.91	50	0.089	3.17	<0.01	0.29	5.8	0.22	4.0	<0.5	1.75	9	16			
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3			
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5			
STD CZN-4 Expected																			55.24
STD OREAS132A Expected																	3.66	4.96	
STD OREAS134B Expected																	13.36	18.03	
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2			
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2			
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.10	<0.5	<0.5	<0.05	<5	<2			
BLK	Blank																<0.01	<0.01	
BLK	Blank																<0.01	<0.01	
BLK	Blank																<0.01	<0.01	
BLK	Blank																<0.01	<0.01	
Prep Wash																			
ROCK-WHI	Prep Blank	5.8	4.4	0.52	58	0.095	0.94	0.08	0.10	<0.5	<0.05	3.0	<0.5	0.07	<5	<2			
ROCK-WHI	Prep Blank	5.8	4.5	0.49	57	0.092	0.85	0.06	0.09	<0.5	<0.05	2.7	<0.5	<0.05	<5	<2			

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PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 01, 2017
Report Date: October 20, 2017
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI17000760.1

CLIENT JOB INFORMATION

Project:	FWZ17-01
Shipment ID:	FWZ17-01016
P.O. Number	FWZ17-01016
Number of Samples:	73

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	69	Crush, split and pulverize 500g rock to 200 mesh			WHI
CRUBW	1	Extra clean rock wash between samples in crusher			WHI
PULSW	1	Extra Wash with Silica between each sample			VAN
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
SLBHP	4	Sort, label and box pulps			WHI
SPTPL	70	Splitting of pulp samples for client			VAN
AQ270	73	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
SHP01	72	Per sample shipping charges for branch shipments			VAN
MA404	3	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Dennis Arne
David Muir
George Gorzynski
Brandon Macdonald

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000760.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906956	Drill Core	3.92	5.9	52.7	135.1	70	0.6	37.3	7.1	42	1.69	25	0.6	3.4	18	<0.5	6.5	<0.5	23	0.03	0.034
1906957	Drill Core	2.52	7.5	61.4	157.0	25	0.8	56.4	8.6	47	1.67	30	0.7	4.6	18	<0.5	9.6	<0.5	22	0.04	0.033
1906958	Drill Core	5.80	8.0	55.5	153.4	29	0.8	51.9	8.0	59	1.63	27	0.7	4.9	14	<0.5	9.6	<0.5	24	0.05	0.033
1906959	Drill Core	3.81	2.8	47.9	174.9	20	0.6	30.8	5.1	27	1.68	12	<0.5	3.8	9	<0.5	4.1	<0.5	16	<0.01	0.006
1906960	Rock Pulp	0.03	4.0	453.0	35706.9	47595	57.6	16.6	43.9	2150	7.05	145	1.5	5.7	23	164.2	42.7	<0.5	<10	4.93	0.050
1906961	Drill Core	4.23	4.5	75.1	208.2	31	0.7	37.7	8.5	31	1.45	25	0.6	5.1	6	<0.5	8.7	<0.5	22	<0.01	0.003
1906962	Drill Core	2.60	5.6	81.7	397.3	41	0.9	46.9	9.1	30	1.79	41	1.2	6.7	11	1.0	14.9	<0.5	26	<0.01	0.008
1906963	Drill Core	1.29	2.4	68.5	359.3	20	0.5	49.8	8.3	52	2.14	49	1.4	2.8	13	2.9	10.7	<0.5	14	<0.01	0.007
1906964	Drill Core	3.10	2.8	51.6	541.6	35	0.7	41.0	7.6	34	1.98	35	1.5	2.1	13	2.4	13.9	<0.5	47	<0.01	0.016
1906965	Drill Core	1.86	2.4	83.0	1559.0	293	2.0	36.6	7.7	38	1.99	40	2.0	1.9	13	10.7	18.2	<0.5	96	<0.01	0.018
1906966	Drill Core	3.71	3.8	40.2	3579.2	10266	2.3	43.0	12.0	43	2.19	58	11.3	3.1	21	226.5	31.1	<0.5	103	<0.01	0.024
1906967	Drill Core	3.26	7.9	47.7	>40000	94290	34.6	41.0	43.0	53	11.23	385	14.0	1.6	39	6783.0	175.2	<0.5	77	0.02	0.070
1906968	Drill Core	2.81	4.1	21.3	>40000	49199	2.7	21.1	22.8	41	3.46	165	5.4	0.6	51	3218.5	58.9	<0.5	18	<0.01	0.035
1906969	Drill Core	1.34	3.5	18.8	10856.0	24265	2.7	32.1	17.4	64	2.33	69	2.9	1.4	28	609.4	35.7	<0.5	54	<0.01	0.016
1906970	Drill Core	1.41	3.8	25.7	8925.5	24943	2.7	38.5	19.0	71	2.27	75	3.1	1.7	25	458.8	32.1	<0.5	68	<0.01	0.016
1906971	Drill Core	3.19	2.3	22.7	12306.7	36236	3.4	14.9	14.5	29	1.23	43	1.0	<0.5	43	374.1	25.7	<0.5	13	<0.01	0.010
1906972	Drill Core	4.46	3.4	21.1	7913.0	38132	1.8	25.4	15.8	36	1.06	23	2.0	0.6	39	403.2	19.4	<0.5	27	<0.01	0.015
1906973	Drill Core	1.50	3.2	18.0	5463.2	38036	1.5	16.8	11.7	36	1.08	14	1.3	0.6	39	268.7	14.9	<0.5	27	<0.01	0.013
1906974	Drill Core	3.26	1.7	15.2	8342.9	40631	1.2	26.0	25.2	14	0.83	19	0.6	<0.5	41	344.9	12.7	<0.5	<10	<0.01	0.007
1906975	Drill Core	3.24	2.1	21.8	5260.9	49086	0.9	9.8	7.4	27	0.49	16	0.9	<0.5	50	373.9	11.4	<0.5	13	<0.01	0.008
1906976	Drill Core	5.34	0.8	12.9	7228.9	32625	0.6	2.8	2.1	23	0.28	<5	0.6	<0.5	54	327.5	7.2	<0.5	<10	<0.01	0.007
1906977	Drill Core	5.13	0.9	14.4	4551.5	50531	0.9	3.1	3.2	24	0.25	6	<0.5	<0.5	64	282.5	7.6	<0.5	<10	<0.01	0.003
1906978	Drill Core	2.82	<0.5	4.4	4543.3	17935	<0.5	1.8	2.1	19	0.19	<5	<0.5	<0.5	46	156.8	5.1	<0.5	<10	<0.01	0.002
1906979	Drill Core	4.71	1.7	7.4	8434.4	19298	1.0	20.0	5.4	24	0.40	8	0.6	<0.5	56	225.2	9.9	<0.5	18	<0.01	0.007
1906980	Rock	0.53	0.9	11.0	12.6	73	<0.5	1.0	4.3	617	2.16	<5	<0.5	1.6	30	<0.5	<0.5	<0.5	31	0.92	0.037
1906981	Drill Core	3.90	1.0	7.5	6249.2	26520	<0.5	6.8	3.5	15	0.20	<5	<0.5	<0.5	41	348.3	6.7	<0.5	<10	<0.01	0.006
1906982	Drill Core	3.24	0.9	7.0	3947.3	31453	<0.5	3.9	4.1	10	0.17	<5	0.6	<0.5	55	270.9	3.9	<0.5	<10	<0.01	0.007
1906983	Drill Core	4.32	0.7	3.9	4355.9	26846	<0.5	3.5	1.9	9	0.16	<5	0.7	<0.5	60	286.5	3.5	<0.5	<10	<0.01	0.014
1906984	Drill Core	3.96	2.4	9.3	10086.2	38187	<0.5	12.4	16.9	14	1.50	36	0.8	<0.5	48	378.7	7.7	<0.5	16	<0.01	0.022
1906985	Drill Core	2.61	2.1	17.8	2861.5	44033	<0.5	9.2	7.3	28	0.82	20	0.8	<0.5	43	315.3	3.4	<0.5	14	<0.01	0.013

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1906956	Drill Core	16.2	9.8	0.01	528	0.002	0.33	<0.01	0.16	<0.5	0.08	2.8	<0.5	1.35	<5	<2	
1906957	Drill Core	18.1	10.0	0.01	559	0.002	0.36	<0.01	0.16	<0.5	0.14	2.4	0.7	1.67	<5	4	
1906958	Drill Core	20.3	9.2	0.01	637	0.002	0.36	<0.01	0.17	<0.5	0.13	2.0	0.8	1.62	<5	3	
1906959	Drill Core	16.7	7.4	<0.01	628	0.002	0.30	<0.01	0.14	<0.5	0.07	1.7	0.6	1.71	<5	5	
1906960	Rock Pulp	21.3	15.3	2.66	233	0.017	0.99	0.01	0.63	<0.5	0.77	3.6	39.9	7.82	<5	<2	
1906961	Drill Core	22.7	8.3	0.01	790	0.002	0.36	<0.01	0.17	<0.5	0.07	2.4	0.8	1.51	<5	5	
1906962	Drill Core	29.2	9.9	0.01	937	0.004	0.39	<0.01	0.18	<0.5	0.13	3.2	1.3	1.88	<5	3	
1906963	Drill Core	11.0	6.7	<0.01	549	0.002	0.19	<0.01	0.07	1.2	0.11	1.1	1.0	2.20	<5	<2	
1906964	Drill Core	11.3	19.7	<0.01	184	0.012	0.31	<0.01	0.01	<0.5	0.14	3.6	0.9	1.95	6	<2	
1906965	Drill Core	7.4	25.3	<0.01	289	0.029	0.27	<0.01	<0.01	3.8	0.22	2.8	0.6	1.96	5	<2	
1906966	Drill Core	9.9	31.6	<0.01	358	0.035	0.23	<0.01	<0.01	1.7	2.08	2.0	1.0	2.61	6	4	
1906967	Drill Core	3.7	20.3	<0.01	60	0.021	0.12	<0.01	<0.01	5.8	12.22	1.8	7.0	17.60	6	23	8.55
1906968	Drill Core	1.4	9.0	<0.01	176	0.004	0.06	<0.01	<0.01	6.6	11.01	0.6	9.1	6.74	<5	2	4.06
1906969	Drill Core	3.4	22.4	<0.01	273	0.018	0.05	<0.01	<0.01	7.3	4.44	0.6	1.7	3.25	<5	<2	
1906970	Drill Core	4.6	27.7	<0.01	316	0.025	0.05	<0.01	<0.01	8.5	4.52	0.7	1.9	3.20	<5	2	
1906971	Drill Core	0.9	6.3	<0.01	361	0.004	0.02	<0.01	<0.01	17.6	3.26	<0.5	2.3	3.04	<5	3	
1906972	Drill Core	1.6	12.4	<0.01	399	0.008	0.04	<0.01	<0.01	10.3	4.13	0.7	3.2	2.80	<5	2	
1906973	Drill Core	1.3	11.3	<0.01	354	0.009	0.02	<0.01	<0.01	13.8	3.48	0.8	4.0	2.80	<5	3	
1906974	Drill Core	<0.5	2.6	<0.01	402	<0.001	0.01	<0.01	<0.01	10.1	5.27	<0.5	3.3	2.90	<5	<2	
1906975	Drill Core	0.7	7.3	<0.01	375	0.004	0.02	<0.01	<0.01	10.7	6.82	0.6	1.4	2.79	<5	5	
1906976	Drill Core	<0.5	2.8	<0.01	637	<0.001	0.01	<0.01	<0.01	7.8	4.10	<0.5	1.4	1.80	<5	<2	
1906977	Drill Core	<0.5	2.6	<0.01	422	<0.001	0.01	<0.01	<0.01	9.5	7.06	<0.5	1.3	2.53	<5	<2	
1906978	Drill Core	<0.5	0.9	<0.01	1538	<0.001	<0.01	<0.01	<0.01	6.2	3.48	<0.5	1.1	0.94	<5	<2	
1906979	Drill Core	0.6	7.5	<0.01	1114	0.006	0.01	<0.01	<0.01	8.4	2.67	<0.5	1.8	1.26	<5	<2	
1906980	Rock	5.8	5.9	0.50	490	0.113	1.15	0.11	0.12	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2	
1906981	Drill Core	<0.5	3.0	<0.01	853	<0.001	0.01	<0.01	<0.01	2.4	1.98	<0.5	1.1	1.49	<5	<2	
1906982	Drill Core	<0.5	2.7	<0.01	662	<0.001	0.01	<0.01	<0.01	1.3	1.32	<0.5	1.1	1.70	<5	<2	
1906983	Drill Core	0.6	3.4	<0.01	773	<0.001	0.03	<0.01	<0.01	0.9	0.59	<0.5	1.5	1.48	<5	<2	
1906984	Drill Core	1.2	9.0	<0.01	308	0.001	0.05	<0.01	<0.01	<0.5	2.13	0.6	9.5	3.54	<5	<2	
1906985	Drill Core	1.4	9.0	<0.01	362	0.003	0.04	<0.01	<0.01	<0.5	2.95	0.8	4.5	2.86	<5	<2	

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Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1906986	Drill Core	4.15	0.6	2.9	7363.8	49707	<0.5	2.9	3.9	10	0.29	9	<0.5	<0.5	47	361.7	2.3	<0.5	<10	<0.01	0.007
1906987	Drill Core	4.79	0.8	3.1	3936.7	31225	<0.5	2.3	2.7	11	0.27	6	0.6	<0.5	48	230.0	1.7	<0.5	<10	<0.01	0.014
1906988	Drill Core	3.90	0.6	3.8	5115.7	37356	<0.5	2.4	2.6	9	0.34	8	<0.5	<0.5	44	140.2	1.2	<0.5	<10	<0.01	0.005
1906989	Drill Core	1.48	<0.5	2.0	4514.4	49326	<0.5	1.5	1.2	8	0.10	<5	<0.5	<0.5	38	186.4	0.7	<0.5	<10	<0.01	0.006
1906990	Drill Core	1.28	0.6	1.9	5801.6	45830	<0.5	0.8	1.2	8	0.09	<5	<0.5	<0.5	42	184.3	0.8	<0.5	<10	<0.01	0.008
1906991	Drill Core	3.62	0.7	2.8	2462.1	38678	<0.5	3.0	2.2	9	0.19	<5	<0.5	<0.5	46	180.3	0.8	<0.5	<10	<0.01	0.013
1906992	Drill Core	2.77	1.1	3.5	1872.7	54442	<0.5	3.4	3.4	11	0.19	6	0.6	<0.5	42	122.8	1.3	<0.5	<10	<0.01	0.009
1906993	Drill Core	2.67	1.1	6.8	4465.2	57712	<0.5	3.1	4.4	11	0.17	11	<0.5	<0.5	37	95.1	1.5	<0.5	11	<0.01	0.009
1906994	Drill Core	3.28	1.6	5.9	11227.6	36744	<0.5	14.7	6.0	7	0.32	25	0.6	<0.5	45	132.9	2.4	<0.5	21	<0.01	0.017
1906995	Drill Core	2.90	0.6	5.2	2721.8	42218	<0.5	2.3	1.7	6	0.15	11	<0.5	<0.5	39	53.5	0.7	<0.5	<10	<0.01	0.005
1906996	Drill Core	3.24	1.6	10.4	3092.8	55280	<0.5	4.8	3.4	8	0.23	10	0.6	<0.5	42	48.3	1.5	<0.5	20	<0.01	0.010
1906997	Drill Core	4.69	2.1	11.6	4176.4	54171	<0.5	68.1	5.5	11	0.47	22	1.1	<0.5	45	60.6	2.9	<0.5	32	<0.01	0.033
1906998	Drill Core	3.26	1.2	4.7	3142.6	54767	<0.5	7.8	2.5	7	0.32	15	0.5	<0.5	41	22.3	1.2	<0.5	13	<0.01	0.010
1906999	Drill Core	2.66	1.9	7.0	5679.5	64847	<0.5	7.0	3.6	10	0.42	18	1.5	<0.5	40	31.4	2.2	<0.5	28	<0.01	0.026
1907000	Rock Pulp	0.03	2.5	339.6	>40000	103823	98.2	24.2	24.3	1347	7.64	144	1.3	5.9	19	322.7	177.9	0.7	<10	3.72	0.040
1907001	Drill Core	3.32	1.8	6.9	6681.6	62355	<0.5	5.5	2.9	9	0.32	17	1.1	<0.5	41	52.7	2.0	<0.5	19	0.08	0.032
1907002	Drill Core	2.85	2.3	9.2	8463.0	76156	<0.5	6.4	3.1	11	0.50	54	2.1	<0.5	45	109.1	5.2	<0.5	42	<0.01	0.105
1907003	Drill Core	2.99	6.0	19.7	12132.7	105932	<0.5	25.7	11.6	26	1.88	142	4.3	1.7	63	298.4	14.5	<0.5	126	0.02	0.215
1907004	Drill Core	2.55	2.6	11.1	10055.1	74056	<0.5	10.8	8.0	21	0.78	63	1.6	0.7	46	210.4	5.1	<0.5	40	0.01	0.101
1907005	Drill Core	2.75	2.6	7.8	12975.8	78126	<0.5	9.6	8.2	18	1.31	45	1.2	<0.5	33	242.9	4.8	<0.5	24	<0.01	0.078
1907006	Drill Core	1.97	3.3	12.9	15863.2	68216	<0.5	14.3	14.4	25	0.77	62	2.5	0.8	42	283.3	5.0	<0.5	41	0.01	0.107
1907007	Drill Core	4.28	8.7	39.6	30597.2	127696	1.7	31.4	21.8	88	2.40	79	11.4	1.5	56	775.6	23.5	<0.5	83	0.02	0.203
1907007-CW	Rock		0.5	2.8	38.3	187	<0.5	0.9	3.3	558	1.82	<5	<0.5	2.3	25	1.3	<0.5	<0.5	20	0.56	0.036
1907007-PW	Silica		<0.5	2.2	3.4	9	<0.5	0.9	<0.5	39	0.41	<5	<0.5	2.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
1907008	Drill Core	6.07	3.4	34.5	113.1	581	<0.5	78.8	7.9	465	4.33	48	1.4	2.5	62	2.4	14.8	<0.5	64	0.11	0.080
1907009	Drill Core	1.62	2.5	29.0	54.6	63	<0.5	44.3	6.0	38	2.13	26	0.9	3.0	30	1.9	7.9	<0.5	28	0.11	0.079
1907010	Drill Core	1.88	2.4	28.2	56.5	66	<0.5	45.5	6.2	40	2.13	26	0.9	2.8	26	1.9	7.9	<0.5	28	0.09	0.063
1907011	Drill Core	3.76	1.1	18.9	42.6	216	<0.5	39.7	4.5	710	2.59	22	1.3	1.1	24	2.0	5.6	<0.5	16	0.09	0.058
1907012	Drill Core	5.41	2.6	29.6	50.4	216	0.5	42.6	6.8	1045	3.78	20	1.1	2.6	20	1.1	6.8	<0.5	25	0.11	0.062
1907013	Drill Core	5.64	2.2	33.4	48.5	72	0.5	44.9	6.0	189	2.25	23	2.3	2.6	47	6.5	6.5	<0.5	25	0.12	0.103

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000760.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1906986	Drill Core	<0.5	2.5	<0.01	411	<0.001	0.02	<0.01	<0.01	<0.5	3.85	<0.5	4.7	2.66	<5	3	
1906987	Drill Core	0.6	2.9	<0.01	649	<0.001	0.02	<0.01	<0.01	<0.5	1.34	<0.5	3.5	1.72	<5	<2	
1906988	Drill Core	<0.5	1.7	<0.01	512	<0.001	0.01	<0.01	<0.01	<0.5	0.76	<0.5	3.4	2.13	<5	<2	
1906989	Drill Core	<0.5	2.4	<0.01	562	<0.001	0.02	<0.01	<0.01	<0.5	0.24	<0.5	2.1	2.57	<5	<2	
1906990	Drill Core	<0.5	2.1	<0.01	582	<0.001	0.02	<0.01	<0.01	<0.5	0.25	<0.5	2.3	2.38	<5	<2	
1906991	Drill Core	<0.5	3.4	<0.01	716	<0.001	0.03	<0.01	<0.01	<0.5	0.19	<0.5	1.9	2.04	<5	<2	
1906992	Drill Core	0.6	4.5	<0.01	443	0.002	0.04	<0.01	<0.01	<0.5	0.26	<0.5	1.3	2.73	<5	<2	
1906993	Drill Core	0.9	5.2	<0.01	451	0.003	0.04	<0.01	<0.01	<0.5	0.20	<0.5	1.4	2.87	<5	<2	
1906994	Drill Core	1.3	10.0	<0.01	559	0.006	0.06	<0.01	<0.01	<0.5	0.12	0.6	2.3	2.26	<5	<2	
1906995	Drill Core	0.7	4.0	<0.01	665	0.003	0.02	<0.01	<0.01	<0.5	0.10	<0.5	1.0	2.23	<5	<2	
1906996	Drill Core	0.9	7.4	<0.01	461	0.007	0.05	<0.01	<0.01	<0.5	0.17	<0.5	1.2	2.93	<5	<2	
1906997	Drill Core	1.3	13.2	<0.01	479	0.009	0.09	<0.01	<0.01	<0.5	0.23	<0.5	1.7	3.15	<5	<2	
1906998	Drill Core	0.8	5.8	<0.01	448	0.004	0.05	<0.01	<0.01	<0.5	0.12	<0.5	1.5	2.98	<5	<2	
1906999	Drill Core	1.3	10.7	<0.01	354	0.008	0.09	<0.01	<0.01	<0.5	0.21	0.6	2.9	3.58	<5	2	
1907000	Rock Pulp	19.7	12.3	2.02	99	0.011	0.71	<0.01	0.46	<0.5	4.96	3.2	44.7	10.63	<5	<2	4.97
1907001	Drill Core	1.1	9.1	<0.01	363	0.005	0.09	0.01	<0.01	<0.5	0.23	<0.5	2.0	3.29	<5	<2	
1907002	Drill Core	1.9	18.0	<0.01	837	0.009	0.24	<0.01	<0.01	<0.5	0.44	1.5	1.7	4.12	<5	<2	
1907003	Drill Core	4.5	51.6	<0.01	154	0.029	0.54	<0.01	<0.01	0.7	0.85	3.1	4.7	7.08	<5	5	
1907004	Drill Core	1.8	20.4	<0.01	280	0.007	0.28	<0.01	<0.01	<0.5	0.37	1.6	3.3	4.38	<5	<2	
1907005	Drill Core	1.1	12.6	<0.01	248	0.003	0.18	<0.01	<0.01	<0.5	0.34	1.0	4.7	5.19	<5	<2	
1907006	Drill Core	2.2	19.9	<0.01	339	0.008	0.28	<0.01	<0.01	<0.5	0.33	1.7	3.5	4.06	<5	3	
1907007	Drill Core	4.6	31.2	<0.01	123	0.016	0.58	<0.01	<0.01	0.6	19.41	2.5	5.6	8.76	7	8	
1907007-CW	Rock	7.7	2.1	0.43	183	0.092	0.88	0.10	0.10	<0.5	<0.05	3.5	<0.5	<0.05	<5	<2	
1907007-PW	Silica	6.2	2.3	<0.01	27	0.002	0.06	<0.01	0.04	<0.5	<0.05	0.5	<0.5	<0.05	<5	<2	
1907008	Drill Core	9.9	18.6	0.02	450	0.007	1.25	<0.01	0.02	<0.5	0.30	3.0	1.4	3.16	<5	2	
1907009	Drill Core	11.8	10.7	<0.01	688	0.001	0.42	<0.01	0.03	<0.5	0.16	2.6	0.6	2.34	<5	3	
1907010	Drill Core	10.8	11.3	<0.01	1039	0.001	0.43	<0.01	0.03	<0.5	0.13	2.4	0.5	2.34	<5	<2	
1907011	Drill Core	5.0	5.9	0.01	481	0.001	0.31	<0.01	0.04	<0.5	0.08	2.2	<0.5	1.59	<5	<2	
1907012	Drill Core	10.7	9.1	0.03	1041	0.003	0.41	<0.01	0.11	<0.5	0.13	2.5	0.6	2.44	<5	3	
1907013	Drill Core	10.0	9.2	0.01	1252	0.003	0.45	<0.01	0.11	<0.5	0.13	2.9	0.6	2.00	<5	<2	

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Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000760.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
1907014	Drill Core	6.11	2.5	39.6	66.7	73	0.5	39.8	6.0	713	3.24	22	0.9	3.1	21	0.8	5.1	<0.5	21	0.11	0.048
1907015	Drill Core	5.60	2.2	41.2	56.8	91	0.6	36.9	5.0	1345	4.52	31	0.8	2.3	19	0.6	4.8	<0.5	25	0.13	0.055
1907016	Drill Core	4.00	8.7	128.4	414.7	416	2.3	45.0	6.7	471	7.07	50	1.8	3.0	41	2.3	15.9	<0.5	50	0.15	0.099
1907017	Drill Core	3.43	1.4	104.5	48.3	22	<0.5	32.0	3.8	31	2.91	24	1.1	1.5	21	<0.5	4.0	<0.5	18	0.06	0.040
1907018	Drill Core	4.74	13.1	108.0	105.4	38	1.2	60.3	6.2	39	3.28	33	2.9	5.2	63	<0.5	11.5	<0.5	71	0.26	0.139
1907019	Drill Core	2.71	13.8	134.6	75.9	34	1.1	67.1	6.4	50	1.97	30	2.8	4.4	52	<0.5	10.9	<0.5	49	0.20	0.134
1907020	Rock Pulp	0.03	2.7	238.0	17863.9	29990	35.3	27.9	20.1	1896	5.47	84	1.7	7.5	24	96.7	50.9	<0.5	11	5.13	0.057
1907021	Drill Core	2.90	2.7	43.6	57.3	70	0.7	32.6	4.8	5536	11.95	14	0.7	2.5	21	<0.5	3.9	<0.5	37	0.37	0.049
1907022	Drill Core	3.40	3.3	48.2	55.3	192	0.7	43.6	8.0	1555	4.17	12	1.1	4.0	18	0.7	4.6	<0.5	21	0.14	0.048
1907023	Drill Core	5.31	4.3	53.0	59.5	35	0.8	56.1	7.8	247	2.33	16	1.1	4.3	21	0.7	5.3	<0.5	22	0.10	0.047
1907024	Drill Core	4.96	3.3	38.8	61.1	116	0.7	44.8	7.1	629	3.64	14	1.0	3.6	22	0.7	4.6	<0.5	22	0.12	0.048
1907025	Drill Core	5.40	4.5	100.0	190.5	644	0.9	55.8	7.1	1491	5.56	36	1.4	3.6	30	12.2	7.1	<0.5	44	0.16	0.075
1907026	Drill Core	5.52	5.6	102.4	86.9	1693	1.1	62.5	10.0	1059	4.65	32	1.4	5.0	28	7.5	6.6	<0.5	35	0.16	0.069

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Project: FWZ17-01
Report Date: October 20, 2017

CERTIFICATE OF ANALYSIS WHI17000760.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
1907014	Drill Core	11.1	6.8	0.02	1367	0.003	0.33	<0.01	0.13	<0.5	0.12	2.0	<0.5	2.26	<5	3	
1907015	Drill Core	8.4	7.8	0.03	746	0.002	0.27	<0.01	0.11	<0.5	0.06	2.1	<0.5	2.86	<5	3	
1907016	Drill Core	9.4	12.2	0.02	306	0.003	0.37	<0.01	0.14	<0.5	0.20	1.7	4.4	7.07	<5	7	
1907017	Drill Core	5.8	5.9	<0.01	519	0.002	0.20	<0.01	0.08	<0.5	0.07	1.0	<0.5	3.09	<5	2	
1907018	Drill Core	16.5	15.6	0.01	1054	0.003	0.44	<0.01	0.18	<0.5	0.19	1.8	1.1	3.66	<5	8	
1907019	Drill Core	16.0	12.0	0.01	795	0.002	0.35	<0.01	0.13	<0.5	0.29	1.9	1.1	2.20	<5	6	
1907020	Rock Pulp	27.7	14.4	2.83	143	0.019	0.96	0.01	0.74	0.6	1.06	3.9	27.4	4.71	<5	<2	
1907021	Drill Core	8.0	8.3	0.15	632	0.002	0.26	<0.01	0.11	<0.5	0.06	3.6	<0.5	3.97	<5	3	
1907022	Drill Core	11.5	6.3	0.04	629	0.002	0.29	<0.01	0.13	<0.5	0.10	1.9	<0.5	2.03	<5	3	
1907023	Drill Core	13.0	7.5	0.01	751	0.002	0.35	<0.01	0.15	<0.5	0.10	1.0	<0.5	2.25	<5	3	
1907024	Drill Core	10.9	6.4	0.02	643	0.002	0.29	<0.01	0.12	<0.5	0.09	1.8	<0.5	3.22	<5	4	
1907025	Drill Core	11.8	9.0	0.28	803	0.002	0.33	<0.01	0.14	<0.5	0.22	2.7	<0.5	3.93	<5	5	
1907026	Drill Core	14.8	7.0	0.23	753	0.002	0.37	<0.01	0.16	<0.5	0.30	3.0	0.5	3.50	<5	6	

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Project: FWZ17-01
Report Date: October 20, 2017

QUALITY CONTROL REPORT WHI17000760.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
1906973	Drill Core	1.50	3.2	18.0	5463.2	38036	1.5	16.8	11.7	36	1.08	14	1.3	0.6	39	268.7	14.9	<0.5	27	<0.01	0.013
REP 1906973	QC		3.2	17.1	5443.7	38429	1.5	17.1	12.1	35	1.06	15	1.2	0.7	38	264.9	15.3	<0.5	28	<0.01	0.010
1907007	Drill Core	4.28	8.7	39.6	30597.2	127696	1.7	31.4	21.8	88	2.40	79	11.4	1.5	56	775.6	23.5	<0.5	83	0.02	0.203
REP 1907007	QC		9.4	39.6	31465.9	127805	1.8	33.6	21.8	88	2.43	81	11.5	1.7	61	800.4	24.2	<0.5	85	0.04	0.215
1907024	Drill Core	4.96	3.3	38.8	61.1	116	0.7	44.8	7.1	629	3.64	14	1.0	3.6	22	0.7	4.6	<0.5	22	0.12	0.048
REP 1907024	QC		3.4	39.8	61.8	111	0.7	44.6	7.0	632	3.67	14	0.9	3.5	21	0.7	4.5	<0.5	22	0.12	0.052
Core Reject Duplicates																					
1906983	Drill Core	4.32	0.7	3.9	4355.9	26846	<0.5	3.5	1.9	9	0.16	<5	0.7	<0.5	60	286.5	3.5	<0.5	<10	<0.01	0.014
DUP 1906983	QC		0.7	4.3	4325.3	26314	<0.5	3.2	1.8	10	0.17	<5	0.7	<0.5	57	278.4	3.5	<0.5	<10	<0.01	0.013
1907015	Drill Core	5.60	2.2	41.2	56.8	91	0.6	36.9	5.0	1345	4.52	31	0.8	2.3	19	0.6	4.8	<0.5	25	0.13	0.055
DUP 1907015	QC		2.0	43.4	54.5	86	0.6	34.9	4.9	1263	4.46	31	0.7	2.3	19	0.7	4.5	<0.5	27	0.11	0.054
Reference Materials																					
STD GBM398-4-AR	Standard		867.3	3788.7	11425.5	5048	49.6	3974.5	1861.2	5230	3.73	<5	0.7	0.8	13	8.3	6.8	13.4	23	0.30	0.019
STD GBM398-4-AR	Standard		882.7	3806.2	11148.5	5082	49.3	4001.4	1936.3	5202	3.73	5	0.7	0.9	14	9.2	7.3	14.0	25	0.31	0.017
STD GBM398-4-AR	Standard		895.3	3919.4	11537.1	5403	50.0	4256.5	2034.5	5290	3.73	6	0.6	0.7	14	8.9	6.6	11.8	20	0.36	0.018
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS927-AR	Standard		1.1	10547.4	219.7	671	4.5	30.0	28.0	1129	8.02	11	1.8	13.0	14	1.0	1.3	70.6	32	0.27	0.050
STD OREAS927-AR	Standard		1.0	10639.6	226.2	709	4.6	29.8	30.2	1173	8.17	9	1.8	13.4	14	1.0	1.3	77.2	34	0.31	0.054
STD OREAS927-AR	Standard		1.2	10861.6	208.7	706	4.1	28.1	29.8	1056	8.11	13	1.6	12.0	12	1.1	1.2	59.4	32	0.27	0.046
STD GBM398-4-AR Expected			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank		<0.5	<0.5	2.0	13	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001
BLK	Blank		<0.5	1.2	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001

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QUALITY CONTROL REPORT WHI17000760.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	MA404
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01
Pulp Duplicates																	
1906973	Drill Core	1.3	11.3	<0.01	354	0.009	0.02	<0.01	<0.01	13.8	3.48	0.8	4.0	2.80	<5	3	
REP 1906973	QC	1.2	11.3	<0.01	409	0.009	0.02	<0.01	<0.01	14.4	3.54	0.6	4.0	2.76	<5	4	
1907007	Drill Core	4.6	31.2	<0.01	123	0.016	0.58	<0.01	<0.01	0.6	19.41	2.5	5.6	8.76	7	8	
REP 1907007	QC	4.8	31.4	<0.01	132	0.017	0.60	<0.01	<0.01	0.6	19.74	3.1	5.7	8.90	7	4	
1907024	Drill Core	10.9	6.4	0.02	643	0.002	0.29	<0.01	0.12	<0.5	0.09	1.8	<0.5	3.22	<5	4	
REP 1907024	QC	10.9	6.2	0.02	659	0.002	0.29	<0.01	0.13	<0.5	0.15	1.7	<0.5	3.25	<5	4	
Core Reject Duplicates																	
1906983	Drill Core	0.6	3.4	<0.01	773	<0.001	0.03	<0.01	<0.01	0.9	0.59	<0.5	1.5	1.48	<5	<2	
DUP 1906983	QC	0.5	3.5	<0.01	815	<0.001	0.03	<0.01	<0.01	0.9	0.50	<0.5	1.6	1.46	<5	<2	
1907015	Drill Core	8.4	7.8	0.03	746	0.002	0.27	<0.01	0.11	<0.5	0.06	2.1	<0.5	2.86	<5	3	
DUP 1907015	QC	8.4	8.3	0.03	743	0.002	0.28	<0.01	0.11	<0.5	0.08	1.9	<0.5	2.74	<5	<2	
Reference Materials																	
STD GBM398-4-AR	Standard	2.6	1889.8	0.12	29	0.106	0.45	0.24	0.10	3.0	2.85	1.4	<0.5	0.91	<5	3	
STD GBM398-4-AR	Standard	3.1	1853.3	0.12	21	0.107	0.47	0.24	0.11	2.5	3.13	1.6	<0.5	0.94	<5	2	
STD GBM398-4-AR	Standard	2.6	1998.8	0.12	27	0.110	0.50	0.26	0.11	2.7	2.87	1.8	<0.5	0.89	<5	2	
STD OREAS132A	Standard																3.67
STD OREAS134B	Standard																13.32
STD OREAS132A	Standard																3.74
STD OREAS134B	Standard																13.42
STD OREAS927-AR	Standard	27.1	41.5	1.86	47	0.083	3.16	<0.01	0.26	5.2	0.11	5.4	<0.5	1.69	8	15	
STD OREAS927-AR	Standard	27.5	40.5	1.89	48	0.081	3.21	<0.01	0.27	4.5	0.14	4.4	<0.5	1.66	10	15	
STD OREAS927-AR	Standard	27.1	39.9	1.90	49	0.084	3.21	<0.01	0.27	4.7	0.09	4.9	<0.5	1.70	9	15	
STD GBM398-4-AR Expected		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3	
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5	
STD OREAS132A Expected																	3.66
STD OREAS134B Expected																	13.36
BLK	Blank	<0.5	<0.5	<0.01	6	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: FWZ17-01

Report Date: October 20, 2017

QUALITY CONTROL REPORT WHI17000760.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
BLK	Blank		<0.5	<0.5	0.9	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.5	8.2	1.1	38	<0.5	<0.5	4.0	597	2.01	<5	<0.5	2.0	23	<0.5	<0.5	<0.5	27	0.63	0.034
ROCK-WHI	Prep Blank		0.7	3.3	1.1	36	<0.5	0.7	3.6	554	1.87	<5	<0.5	2.1	23	<0.5	<0.5	<0.5	21	0.57	0.036

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QUALITY CONTROL REPORT WHI17000760.1

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Tl ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	MA404 Pb % 0.01
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	
BLK	Blank																<0.01
BLK	Blank																<0.01
Prep Wash																	
ROCK-WHI	Prep Blank	6.3	3.2	0.47	52	0.104	0.96	0.08	0.09	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2	
ROCK-WHI	Prep Blank	6.4	2.9	0.45	56	0.092	0.84	0.07	0.11	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2	

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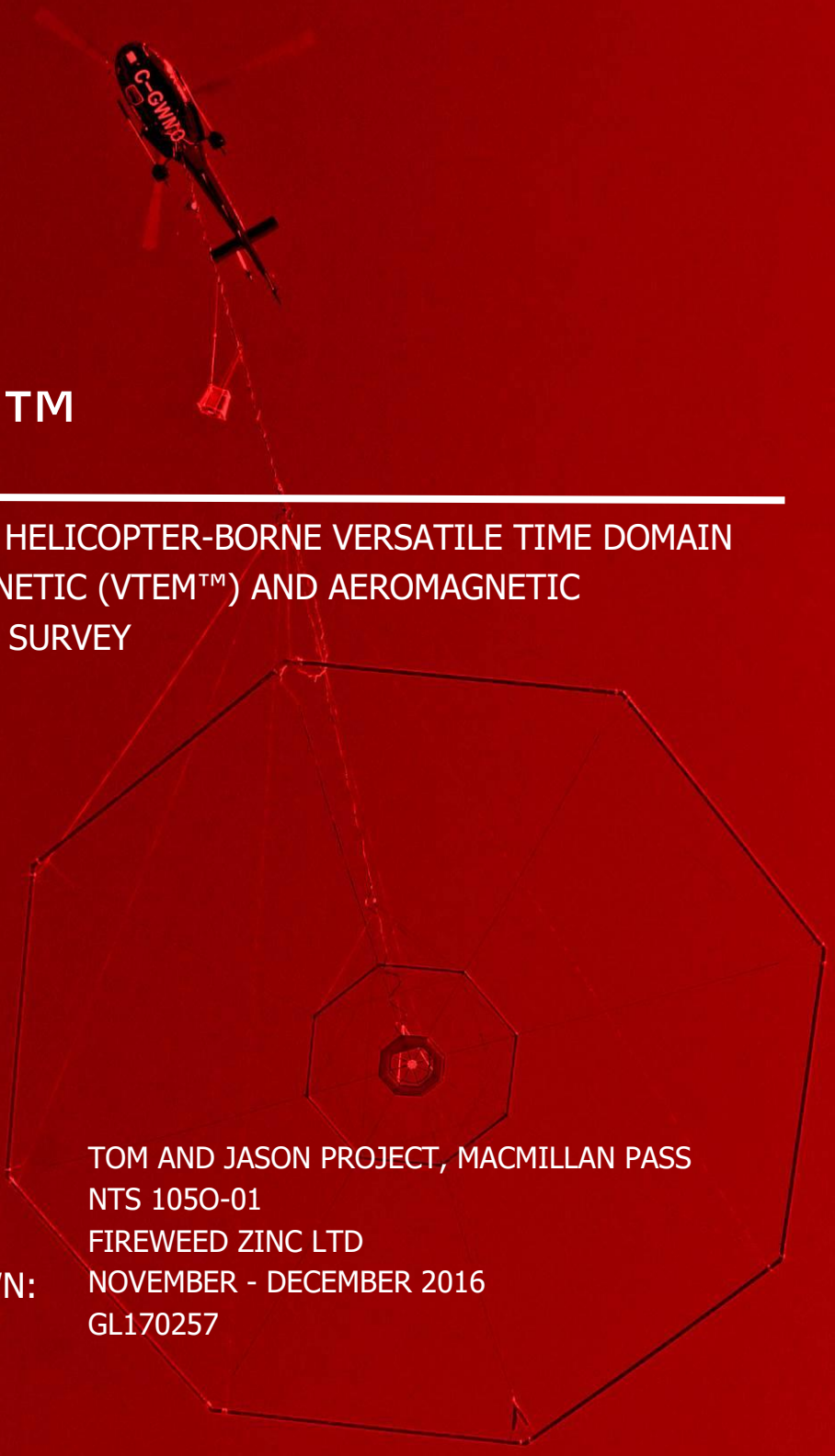
APPENDIX C

Airborne Geophysics



VTEM™

REPORT ON A HELICOPTER-BORNE VERSATILE TIME DOMAIN ELECTROMAGNETIC (VTEM™) AND AEROMAGNETIC GEOPHYSICAL SURVEY

PROJECT:	TOM AND JASON PROJECT, MACMILLAN PASS
LOCATION:	NTS 105O-01
FOR:	FIREWEED ZINC LTD
SURVEY FLOWN:	NOVEMBER - DECEMBER 2016
PROJECT:	GL170257

Geotech Ltd.
245 Industrial Parkway North
Aurora, ON Canada L4G 4C4

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Web: www.geotech.ca
Email: info@geotech.ca

GEOTECH
AIRBORNE GEOPHYSICAL SURVEYS

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EXECUTIVE SUMMARY

TOM AND JASON PROJECT, MACMILLAN PASS
NTS 105O-01

During September 17th to September 26th 2017 Geotech Ltd. carried out a helicopter-borne geophysical survey over the Tom and Jason Project, Macmillan Pass situated at Yukon Territory, Canada.

Principal geophysical sensors included a versatile time domain electromagnetic (VTEM™) system, and a caesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 1048 line-kilometres of geophysical data were acquired during the survey.

In-field data quality assurance and preliminary processing were carried out on a daily basis during the acquisition phase. Preliminary and final data processing, including generation of final digital data and map products were undertaken from the office of Geotech Ltd. in Aurora, Ontario.

The processed survey results are presented as the following maps:

- Electromagnetic stacked profiles of the B-field Z Component,
- Electromagnetic stacked profiles of dB/dt Z Components,
- B-Field Z Component Channel grid,
- Total Magnetic Intensity (TMI),
- Calculated Time Constant (Tau) with Calculated Vertical Derivative contours and
- Resistivity Depth Images (RDI) sections are presented.

Digital data includes all electromagnetic and magnetic products, plus ancillary data including the waveform.

The survey report describes the procedures for data acquisition, processing, final image presentation and the specifications for the digital data set.

1. INTRODUCTION

1.1 GENERAL CONSIDERATIONS

Geotech Ltd. performed a helicopter-borne geophysical survey over Tom and Jason Project, Macmillan Pass situated at Yukon Territory, Canada (Figure 1 & Figure 2).

Jill Moore represented Fireweed Zinc Ltd. during the data acquisition and data processing phases of this project.

The geophysical surveys consisted of helicopter borne EM using the versatile time-domain electromagnetic (VTEM™) system with Full-Waveform processing. Measurements consisted of Vertical (Z) component and aeromagnetics using a caesium magnetometer. A total of 1048 line-km of geophysical data were acquired during the survey.

The crew was based out of Fireweed Camp (Figure 2) in Yukon Territory for the acquisition phase of the survey. Survey flying started on September 17th and was completed on September 26th, 2017.

Data quality control and quality assurance, and preliminary data processing were carried out on a daily basis during the acquisition phase of the project. Final data processing followed immediately after the end of the survey. Final reporting, data presentation and archiving were completed from the Aurora office of Geotech Ltd. in November, 2017.

Figure 1: Survey location.

1.2 SURVEY AND SYSTEM SPECIFICATIONS

The survey area was located approximately 185 kilometres northeast of Faro, Yukon Territory (Figure 2).

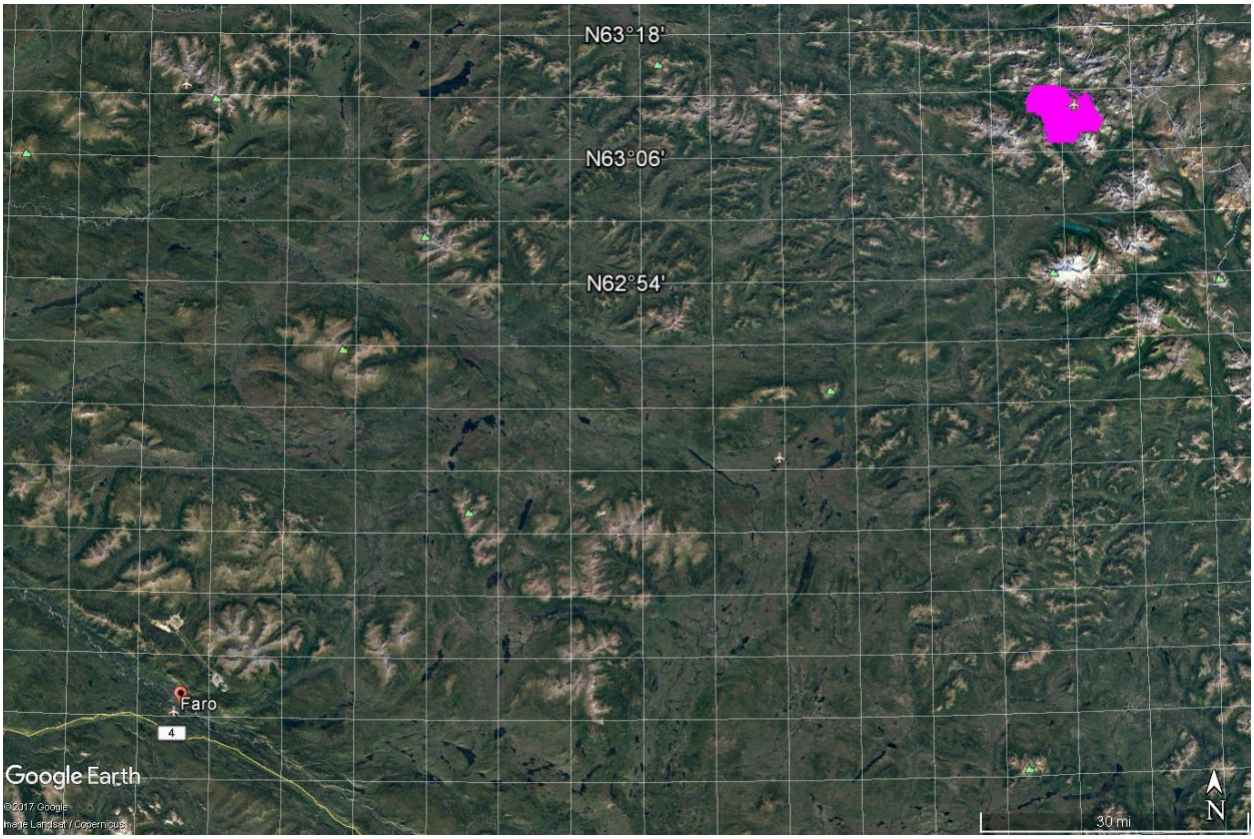


Figure 2: Survey area locations on Google Earth.

The survey areas were flown in a west to east (N 30° E azimuth) direction, with traverse line spacing of 100 metres as depicted in Figure 3. Tie lines were flown perpendicular to the traverse lines spacing of 1000 metres. For more detailed information on the flight spacing and direction see Table 1.

1.3 TOPOGRAPHIC RELIEF AND CULTURAL FEATURES

Topographically, the survey areas exhibits a highly rugged relief with an elevation ranging from 1129 to 2130 metres above mean sea level over an area of 91 square kilometres.

There are various rivers and streams running through the survey area. There are no visible signs of culture which runs throughout the block.

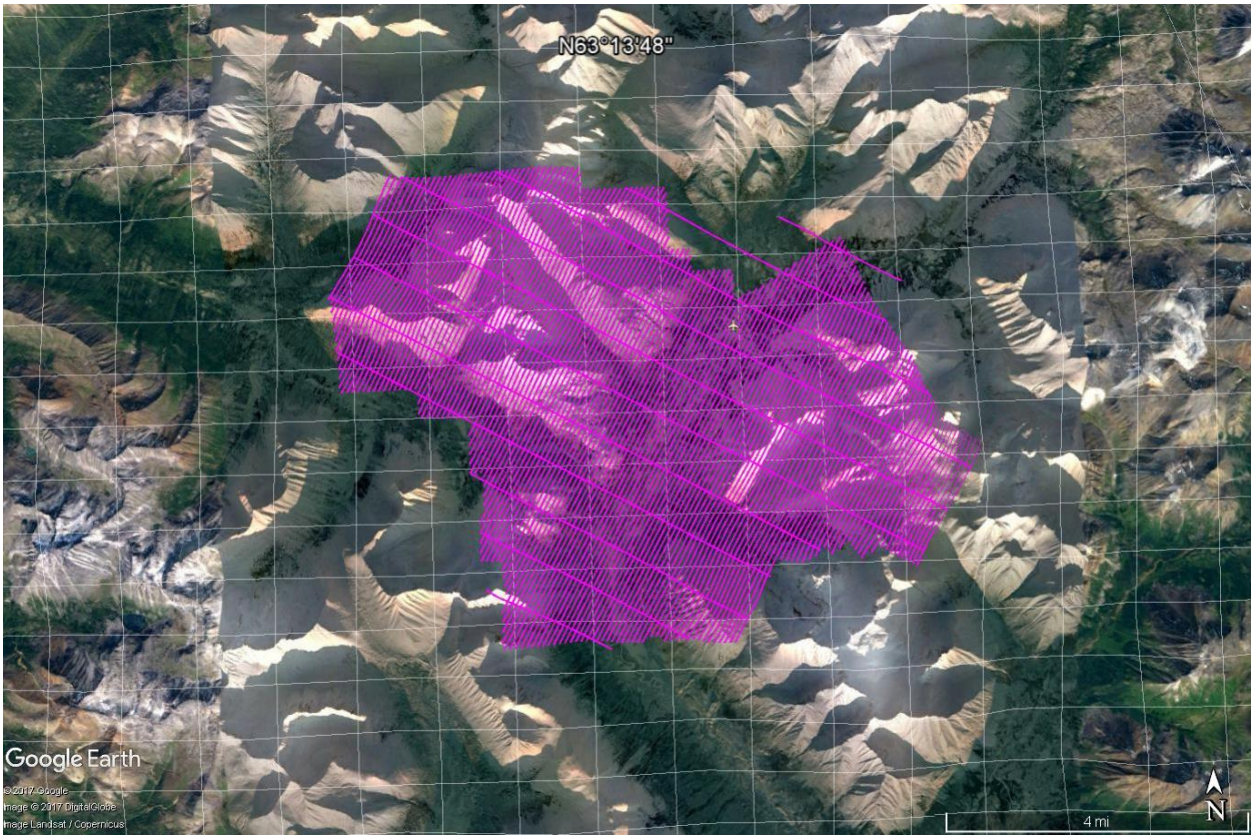


Figure 3: Flight path over a Google Earth Image

2. DATA ACQUISITION

2.1 SURVEY AREA

The survey area (see Figure 3 and Appendix A) and general flight specifications are as follows:

Table 1: Survey Specifications

Survey block	Line spacing (m)	Area (Km^2)	Planned[1] Line-km	Actual Line-km	Flight direction	Line numbers
Jason & Tom Project	Traverse: 100	91	1015	1048	N 30° E / N 210° E	L1000 – L2380
	Tie: 1000				N 120° E / N 300° E	T3000 – T3100
TOTAL		91	1015	1048		

Survey area boundaries co-ordinates are provided in Appendix B.

2.2 SURVEY OPERATIONS

Survey operations were based out of Fireweed Camp from September 12th until October 1st 2017. The following table shows the timing of the flying.

Table 2: Survey schedule

Date	Flight #	Flown km	Block	Crew location	Comments
17-09-12				Fireweed Camp, YT	Mobilization
17-09-13				Fireweed Camp, YT	Mobilization
17-09-14				Fireweed Camp, YT	System Assembly
17-09-15				Fireweed Camp, YT	System Assembly
17-09-16				Fireweed Camp, YT	Troubleshooting
17-09-17	1,2,3	129.5		Fireweed Camp, YT	Operational /Troubleshooting
17-09-18				Fireweed Camp, YT	Troubleshooting
17-09-19				Fireweed Camp, YT	Troubleshooting
17-09-20	4,5,6,7	258.9		Fireweed Camp, YT	Operational
17-09-21	8	37.58		Fireweed Camp, YT	Operational
17-09-22				Fireweed Camp, YT	Standby due weather conditions
17-09-23	191.59	10		Fireweed Camp, YT	Operational
17-09-24	31.93	11		Fireweed Camp, YT	Operational
17-09-25	84.2	12,13		Fireweed Camp, YT	Operational
17-09-26	398.15	14,15,16,17,18		Fireweed Camp, YT	Operational
17-09-27				Fireweed Camp, YT	Demobilization
17-09-28				Fireweed Camp, YT	Demobilization
17-09-29				Fireweed Camp, YT	Demobilization
17-09-30				Fireweed Camp, YT	Demobilization
17-09-31				Fireweed Camp, YT	Demobilization
17-10-01				Fireweed Camp, YT	Demobilization

[1] Note: Actual Line kilometres represent the total line kilometres in the final database. These line-km normally exceed the Planned Line-km, as indicated in the survey NAV files.

2.3 FLIGHT SPECIFICATIONS

During the survey the helicopter was maintained at a mean altitude of 79 metres above the ground with an average survey speed of 70 km/hour. This allowed for an average Transmitter-receiver loop terrain clearance of 45 metres and a magnetic sensor clearance of 66 metres.

The on board operator was responsible for monitoring the system integrity. He also maintained a detailed flight log during the survey, tracking the times of the flight as well as any unusual geophysical or topographic features.

On return of the aircrew to the base camp the survey data was transferred from a compact flash card (PCMCIA) to the data processing computer. The data were then uploaded via ftp to the Geotech office in Aurora for daily quality assurance and quality control by qualified personnel.

2.4 AIRCRAFT AND EQUIPMENT

2.4.1 SURVEY AIRCRAFT

The survey was flown using a Eurocopter Aerospatiale 350B3 helicopter, registration C-FHAH. The helicopter is owned and operated by Access Helicopters. Installation of the geophysical and ancillary equipment was carried out by a Geotech Ltd crew.

2.4.2 ELECTROMAGNETIC SYSTEM

The electromagnetic system was a Geotech Time Domain EM (VTEM™) full receiver-waveform streamed data recorded system. The "full waveform VTEM system" uses the streamed half-cycle recording of transmitter and receiver waveforms to obtain a complete system response calibration throughout the entire survey flight. VTEM with the Serial number 17 had been used for the survey. The VTEM™ transmitter current waveform is shown diagrammatically in Figure 4.

The VTEM™ Receiver and transmitter coils were in concentric-coplanar and Z-direction oriented configuration. The Transmitter-receiver loop was towed at a mean distance of 34 metres below the aircraft as shown in Figure 5.

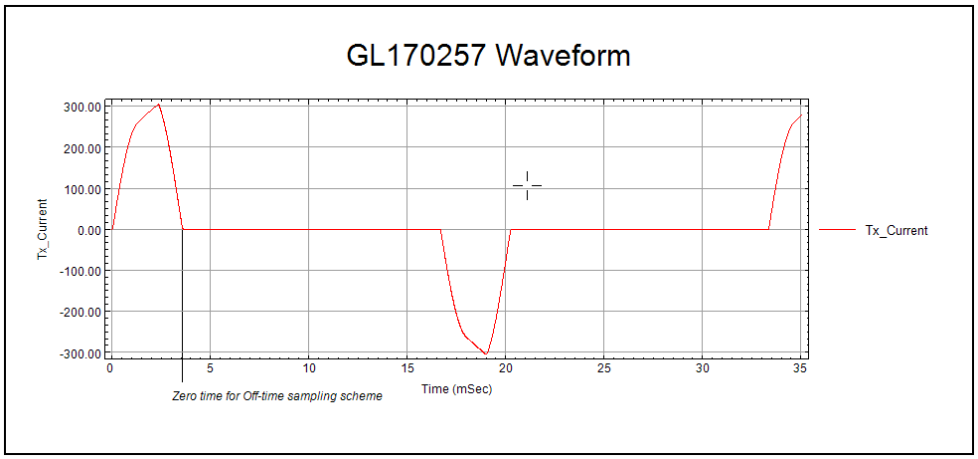


Figure 4: VTEM™ Transmitter Current Waveform.

The VTEM™ decay sampling scheme is shown in Table 3 below. Forty-five time measurement gates were used for the final data processing in the range from 0.021 to 10.667 msec. Zero time for the off-time sampling scheme is equal to the current pulse width and is defined as the time near the end of the turn-off ramp where the dI/dt waveform falls to 1/2 of its peak value.

Table 3: Off-Time Decay Sampling Scheme

VTEM™ Decay Sampling Scheme				
Index	Start	End	Middle	Width
Milliseconds				
4	0.018	0.023	0.021	0.005
5	0.023	0.029	0.026	0.005
6	0.029	0.034	0.031	0.005
7	0.034	0.039	0.036	0.005
8	0.039	0.045	0.042	0.006
9	0.045	0.051	0.048	0.007
10	0.051	0.059	0.055	0.008
11	0.059	0.068	0.063	0.009
12	0.068	0.078	0.073	0.010
13	0.078	0.090	0.083	0.012
14	0.090	0.103	0.096	0.013
15	0.103	0.118	0.110	0.015
16	0.118	0.136	0.126	0.018
17	0.136	0.156	0.145	0.020
18	0.156	0.179	0.167	0.023
19	0.179	0.206	0.192	0.027
20	0.206	0.236	0.220	0.030
21	0.236	0.271	0.253	0.035
22	0.271	0.312	0.290	0.040
23	0.312	0.358	0.333	0.046
24	0.358	0.411	0.383	0.053
25	0.411	0.472	0.440	0.061
26	0.472	0.543	0.505	0.070
27	0.543	0.623	0.580	0.081
28	0.623	0.716	0.667	0.093
29	0.716	0.823	0.766	0.107
30	0.823	0.945	0.880	0.122
31	0.945	1.086	1.010	0.141
32	1.086	1.247	1.161	0.161
33	1.247	1.432	1.333	0.185
34	1.432	1.646	1.531	0.214
35	1.646	1.891	1.760	0.245
36	1.891	2.172	2.021	0.281

VTEM™ Decay Sampling Scheme				
Index	Start	End	Middle	Width
Milliseconds				
37	2.172	2.495	2.323	0.323
38	2.495	2.865	2.667	0.370
39	2.865	3.292	3.063	0.427
40	3.292	3.781	3.521	0.490
41	3.781	4.341	4.042	0.560
42	4.341	4.987	4.641	0.646
43	4.987	5.729	5.333	0.742
44	5.729	6.581	6.125	0.852
45	6.581	7.560	7.036	0.979
46	7.560	8.685	8.083	1.125
47	8.685	9.977	9.286	1.292
48	9.977	11.458	10.667	1.482

Z Component: 7 - 48 time gates

VTEM™ system specifications:

Transmitter	Receiver
• Transmitter loop diameter: 17.6 m • Number of turns: 4 • Effective Transmitter loop area: 973 m^2 • Transmitter base frequency: 30 Hz • Peak current: 304.68 A • Pulse width: 3.64 ms • Waveform shape: Bi-polar trapezoid • Peak dipole moment: 296,444 nIA • Average transmitter-receiver loop terrain clearance: 45 metres above the ground	• Z-Coil diameter: 1.2 m • Number of turns: 100 • Effective coil area: 113.04 m^2

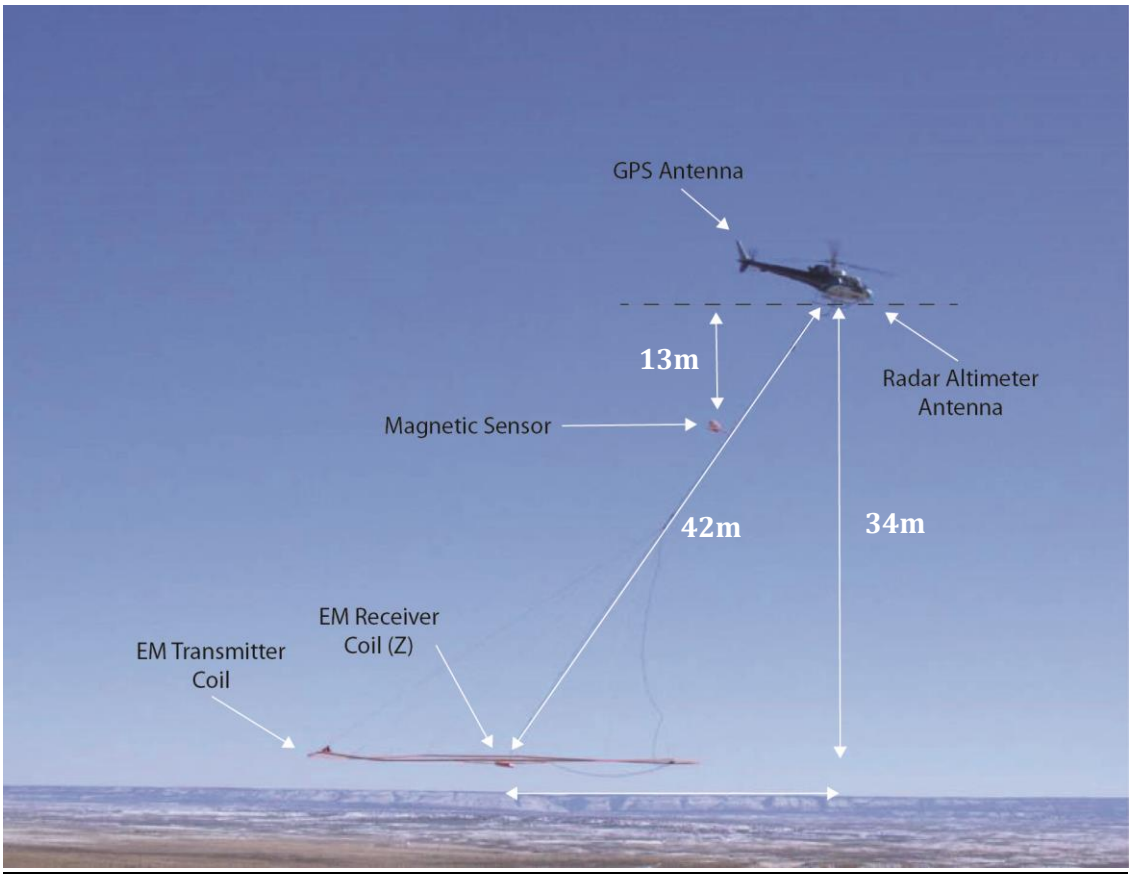


Figure 5: VTEM™ System Configuration.

2.4.3 FULL WAVEFORM VTEM™ SENSOR CALIBRATION

The calibration is performed on the complete VTEM™ system installed in and connected to the helicopter, using special calibration equipment. This calibration takes place on the ground at the start of the project prior to surveying.

The procedure takes half-cycle files acquired and calculates a calibration file consisting of a single stacked half-cycle waveform. The purpose of the stacking is to attenuate natural and man-made magnetic signals, leaving only the response to the calibration signal.

This calibration allows the transfer function between the EM receiver and data acquisition system and also the transfer function of the current monitor and data acquisition system to be determined. These calibration results are then used in VTEM full waveform processing.

2.4.4 RADAR ALTIMETER

A Terra TRA 3000/TRI 40 radar altimeter was used to record terrain clearance. The antenna was mounted beneath the bubble of the helicopter cockpit (Figure 5).

2.4.5 GPS NAVIGATION SYSTEM

The navigation system used was a Geotech PC104 based navigation system utilizing a NovAtel's WAAS (Wide Area Augmentation System) enabled GPS receiver, Geotech navigate software, a full screen display with controls in front of the pilot to direct the flight and a NovAtel GPS antenna mounted on the helicopter tail (Figure 5). As many as 11 GPS and two WAAS satellites may be monitored at any one time. The positional accuracy or circular error probability (CEP) is 1.8 m, with WAAS active, it is 1.0 m. The co-ordinates of the survey area were set-up prior to the survey and the information was fed into the airborne navigation system. The second GPS antenna is installed on the additional magnetic loop together with Gyro Inclinometer.

2.4.6 DIGITAL ACQUISITION SYSTEM

A Geotech data acquisition system recorded the digital survey data on an internal compact flash card. Data is displayed on an LCD screen as traces to allow the operator to monitor the integrity of the system. The data type and sampling interval as provided in Table 4.

Table 4: Acquisition Sampling Rates

Data Type	Sampling
TDEM	0.1 sec
Magnetometer	0.1 sec
GPS Position	0.2 sec
Radar Altimeter	0.2 sec

2.5 BASE STATION

A combined magnetometer/GPS base station was utilized on this project. A Geometrics Caesium vapour magnetometer was used as a magnetic sensor with a sensitivity of 0.001 nT. The base station was recording the magnetic field together with the GPS time at 1 Hz on a base station computer.

The base station magnetometer sensor was installed inside airport facilities (63° 09.7325' N, 130° 09.5129' W); away from electric transmission lines and moving ferrous objects such as motor vehicles. The base station data were backed-up to the data processing computer at the end of each survey day.

3. PERSONNEL

The following Geotech Ltd. personnel were involved in the project.

FIELD:

Project Manager:	Adrian Sarmasag (Office)
Data QC:	Thomas Wade (Office)
Crew chief:	Jan Dabrowski
Operator:	Tristan Rice

The survey pilot and the mechanical engineer were employed directly by the helicopter operator – Geotech Aviation.

Pilot:	Mike Holcroft
Mechanical Engineer:	Ian Godbrand

OFFICE:

Preliminary Data Processing:	Thomas Wade
Final Data Processing:	TaiChyi Shei
Data QA/QC:	Geoffrey Plastow, P.Geo and Data Processing Manager Zihao Han
Reporting/Mapping:	Joseli Soares

Processing and Interpretation phases were carried out under the supervision of Alexander Prikhodko, P.Geo, PhD, and Director of Geophysics. The customer relations were looked after by David Hitz.

4. DATA PROCESSING AND PRESENTATION

Data compilation and processing were carried out by the application of Geosoft OASIS Montaj and programs proprietary to Geotech Ltd.

4.1 FLIGHT PATH

The flight path, recorded by the acquisition program as WGS 84 latitude/longitude, was converted into the NAD83 Datum, UTM Zone 9 North coordinate system in Oasis Montaj.

The flight path was drawn using linear interpolation between x, y positions from the navigation system. Positions are updated every second and expressed as UTM easting's (x) and UTM northing's (y).

4.2 ELECTROMAGNETIC DATA

The Full Waveform EM specific data processing operations included:

- Half cycle stacking (performed at time of acquisition);
- System response correction;
- Parasitic and drift removal.

A three stage digital filtering process was used to reject major sferic events and to reduce noise levels. Local sferic activity can produce sharp, large amplitude events that cannot be removed by conventional filtering procedures. Smoothing or stacking will reduce their amplitude but leave a broader residual response that can be confused with geological phenomena. To avoid this possibility, a computer algorithm searches out and rejects the major sferic events.

The signal to noise ratio was further improved by the application of a low pass linear digital filter. This filter has zero phase shift which prevents any lag or peak displacement from occurring, and it suppresses only variations with a wavelength less than about 1 second or 15 metres. This filter is a symmetrical 1 sec linear filter.

The results are presented as stacked profiles of EM voltages for the time gates, in linear - logarithmic scale for the B-field and dB/dt responses in the Z component. B-field Z component time channel recorded at 2.021 milliseconds after the termination of the impulse is also presented as a colour image. Calculated Time Constant (TAU) with Calculated Vertical Derivative contours is presented in Appendix C and E. Resistivity Depth Image (RDI) is also presented in Appendix F and G.

VTEM™ receiver coil orientation Z-axis coil is oriented parallel to the transmitter coil axis and both are horizontal to the ground. Generalized modeling results of VTEM data, are shown in Appendix D.

Z component data produce double peak type anomalies for "thin" sub vertical targets and single peak for "thick" targets.

The limits and change-over of "thin-thick" depends on dimensions of a TEM system (Appendix D, Figure D-16).

4.3 MAGNETIC DATA

The processing of the magnetic data involved the correction for diurnal variations by using the digitally recorded ground base station magnetic values. The base station magnetometer data was edited and merged into the Geosoft GDB database on a daily basis. The aeromagnetic data was corrected for diurnal variations by subtracting the observed magnetic base station deviations.

Tie line levelling was carried out by adjusting intersection points along traverse lines. A micro-levelling procedure was applied to remove persistent low-amplitude components of flight-line noise remaining in the data.

The corrected magnetic data was interpolated between survey lines using a random point gridding method to yield x-y grid values for a standard grid cell size of 25 metres at the mapping scale. The Minimum Curvature algorithm was used to interpolate values onto a rectangular regular spaced grid.

5. DELIVERABLES

5.1 SURVEY REPORT

The survey report describes the data acquisition, processing, and final presentation of the survey results. The survey report is provided in two paper copies and digitally in PDF format.

5.2 MAPS

Final maps were produced at scale of 1:20,000 for best representation of the survey size and line spacing. The coordinate/projection system used was NAD83 Datum, UTM Zone 9 North. All maps show the flight path trace and topographic data; latitude and longitude are also noted on maps.

The preliminary and final results of the survey are presented as EM profiles, a late-time gate gridded EM channel, and a colour magnetic TMI contour map.

- Maps at 1:20,000 in Geosoft MAP format, as follows:

GL170257_20k _Bfieldz:	B-field profiles Z Component, Time Gates 0.220 – 7.036 ms in linear – logarithmic scale.
GL170257_20k_dBdtz:	dB/dt profiles Z Component, Time Gates 0.220 – 7.036 ms in linear – logarithmic scale.
GL170257_20k _BFz36:	B-field late time Z Component Channel 36, Time Gate 2.021ms colour image.
GL170257_20k _SFz8:	dB/dt Z Component Channel 8 (Time Gate 0.042 ms).
GL170257_20k _SFz30:	dB/dt Z Component Channel 30 (Time Gate 0.880 ms).
GL170257_20k _TMI:	Total Magnetic Intensity colour image and contours.
GL170257_20k _TauSF:	dB/dt Calculated Time Constant (Tau) with Calculated Vertical Derivative contours

- Maps are also presented in PDF format.
- The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data.
- A Google Earth file *GL170257_Fireweed.kml* showing the flight path of the block is included. Free versions of Google Earth software from: http://earth.google.com/download-earth.html

5.3 DIGITAL DATA

Two copies of the data and maps on DVD were prepared to accompany the report. Each DVD contains a digital file of the line data in GDB Geosoft Montaj format as well as the maps in Geosoft Montaj Map and PDF format.

- DVD structure.

Data	contains databases, grids and maps, as described below.
Report	contains a copy of the report and appendices in PDF format.

Databases in Geosoft GDB format, containing the channels listed in Table 5.

Table 5: Geosoft GDB Data Format

Channel name	Units	Description
X:	metres	UTM Easting NAD83 Zone 9 North
Y:	metres	UTM Northing NAD83 Zone 9 North
Longitude:	Decimal Degrees	WGS 84 Longitude data
Latitude:	Decimal Degrees	WGS 84 Latitude data
Z:	metres	GPS antenna elevation (above Geoid)
Zb:	metres	EM bird elevation (above Geoid)
Radar:	metres	helicopter terrain clearance from radar altimeter
Radarb:	metres	Calculated EM transmitter-receiver loop terrain clearance from radar altimeter
DEM:	metres	Digital Elevation Model
Gtime:	Seconds of the day	GPS time
Mag1:	nT	Magnetic diurnal variation data
Basemag:	nT	Magnetic diurnal variation data
Mag2:	nT	Diurnal corrected Total Magnetic field data
Mag2_TL		Tie line levelled Total Magnetic field data
Mag3:	nT	Levelled Total Magnetic field data
CVG:	nT/m	Calculated Magnetic Vertical Gradient
SFz[4]:	pV/(A*m4)	Z dB/dt 0.021 millisecond time channel
SFz[5]:	pV/(A*m4)	Z dB/dt 0.026 millisecond time channel
SFz[6]:	pV/(A*m4)	Z dB/dt 0.031 millisecond time channel
SFz[7]:	pV/(A*m^4)	Z dB/dt 0.036 millisecond time channel
SFz[8]:	pV/(A*m^4)	Z dB/dt 0.042 millisecond time channel
SFz[9]:	pV/(A*m^4)	Z dB/dt 0.048 millisecond time channel
SFz[10]:	pV/(A*m^4)	Z dB/dt 0.055 millisecond time channel
SFz[11]:	pV/(A*m^4)	Z dB/dt 0.063 millisecond time channel
SFz[12]:	pV/(A*m^4)	Z dB/dt 0.073 millisecond time channel
SFz[13]:	pV/(A*m^4)	Z dB/dt 0.083 millisecond time channel
SFz[14]:	pV/(A*m^4)	Z dB/dt 0.096 millisecond time channel
SFz[15]:	pV/(A*m^4)	Z dB/dt 0.110 millisecond time channel
SFz[16]:	pV/(A*m^4)	Z dB/dt 0.126 millisecond time channel
SFz[17]:	pV/(A*m^4)	Z dB/dt 0.145 millisecond time channel
SFz[18]:	pV/(A*m^4)	Z dB/dt 0.167 millisecond time channel
SFz[19]:	pV/(A*m^4)	Z dB/dt 0.192 millisecond time channel
SFz[20]:	pV/(A*m^4)	Z dB/dt 0.220 millisecond time channel
SFz[21]:	pV/(A*m^4)	Z dB/dt 0.253 millisecond time channel
SFz[22]:	pV/(A*m^4)	Z dB/dt 0.290 millisecond time channel
SFz[23]:	pV/(A*m^4)	Z dB/dt 0.333 millisecond time channel
SFz[24]:	pV/(A*m^4)	Z dB/dt 0.383 millisecond time channel
SFz[25]:	pV/(A*m^4)	Z dB/dt 0.440 millisecond time channel
SFz[26]:	pV/(A*m^4)	Z dB/dt 0.505 millisecond time channel
SFz[27]:	pV/(A*m^4)	Z dB/dt 0.580 millisecond time channel
SFz[28]:	pV/(A*m^4)	Z dB/dt 0.667 millisecond time channel
SFz[29]:	pV/(A*m^4)	Z dB/dt 0.766 millisecond time channel
SFz[30]:	pV/(A*m^4)	Z dB/dt 0.880 millisecond time channel

Channel name	Units	Description
SFz[31]:	pV/(A*m^4)	Z dB/dt 1.010 millisecond time channel
SFz[32]:	pV/(A*m^4)	Z dB/dt 1.161 millisecond time channel
SFz[33]:	pV/(A*m^4)	Z dB/dt 1.333 millisecond time channel
SFz[34]:	pV/(A*m^4)	Z dB/dt 1.531 millisecond time channel
SFz[35]:	pV/(A*m^4)	Z dB/dt 1.760 millisecond time channel
SFz[36]:	pV/(A*m^4)	Z dB/dt 2.021 millisecond time channel
SFz[37]:	pV/(A*m^4)	Z dB/dt 2.323 millisecond time channel
SFz[38]:	pV/(A*m^4)	Z dB/dt 2.667 millisecond time channel
SFz[39]:	pV/(A*m^4)	Z dB/dt 3.063 millisecond time channel
SFz[40]:	pV/(A*m^4)	Z dB/dt 3.521 millisecond time channel
SFz[41]:	pV/(A*m^4)	Z dB/dt 4.042 millisecond time channel
SFz[42]:	pV/(A*m^4)	Z dB/dt 4.641 millisecond time channel
SFz[43]:	pV/(A*m^4)	Z dB/dt 5.333 millisecond time channel
SFz[44]:	pV/(A*m^4)	Z dB/dt 6.125 millisecond time channel
SFz[45]:	pV/(A*m^4)	Z dB/dt 7.036 millisecond time channel
SFz[46]:	pV/(A*m^4)	Z dB/dt 8.083 millisecond time channel
SFz[47]:	pV/(A*m4)	Z dB/dt 9.286 millisecond time channel
SFz[48]:	pV/(A*m4)	Z dB/dt 10.667 millisecond time channel
BFz	(pV*ms)/(A*m^4)	Z B-Field data for time channels 7 to 48
NchanBF		Latest time channels of TAU calculation
TauBF	ms	Time constant B-Field
NchanSF		Latest time channels of TAU calculation
TauSF	ms	Time constant dB/dt
PLM:		60 Hz power line monitor

Electromagnetic B-field and dB/dt Z component data is found in array channel format between indexes 4 – 48, as described above.

- Database of the Resistivity Depth Images in Geosoft GDB format, containing the following channels:

Table 6: Geosoft Resistivity Depth Image GDB Data Format

Channel name	Units	Description
Xg	metres	UTM Easting NAD83 Zone 9 North
Yg	metres	UTM Northing NAD83 Zone 9 North
Dist:	meters	Distance from the beginning of the line
Depth:	meters	array channel, depth from the surface
Z:	meters	array channel, depth from sea level
AppRes:	Ohm-m	array channel, Apparent Resistivity
TR:	meters	EM system height from sea level
Topo:	meters	digital elevation model
Radarb:	metres	Calculated EM transmitter-receiver loop terrain clearance from radar altimeter
SF:	pV/(A*m^4)	array channel, dB/dT
MAG:	nT	TMI data
CVG:	nT/m	CVG data
DOI:	metres	Depth of Investigation: a measure of VTEM depth effectiveness
PLM:		60Hz Power Line Monitor

- Database of the VTEM Waveform "GL170257_waveform.gdb" in Geosoft GDB format, containing the following channels:

Table 7: Geosoft database for the VTEM waveform

Channel name	Units	Description
Time:	milliseconds	Sampling rate interval, 5.2083 microseconds
Tx_Current:	amps	Output current of the transmitter

- Grids in Geosoft GRD and GeoTIFF format, as follows:

  BFz36: B-Field Z Component Channel 36 (Time Gate 2.021ms)
  CVG: Calculated Vertical Derivative (nT/m)
  DEM: Digital Elevation Model (metres)
  Mag3: Total Magnetic Intensity (nT)
  PLM: Power Line Monitor
  SFz8: dB/dt Z Component Channel 8 (Time Gate 0.042 ms)
  SFz30: dB/dt Z Component Channel 30 (Time Gate 0.880 ms)
  SFz48: dB/dt Z Component Channel 48 (Time Gate 10.667 ms)
  TauBF: B-Field Z Component, Calculated Time Constant (ms)
  TauSF: dB/dt Z Component, Calculated Time Constant (ms)

  A Geosoft .GRD file has a .GI metadata file associated with it, containing grid projection information. A grid cell size of 25 metres was used.

6. CONCLUSIONS AND RECOMMENDATIONS

A helicopter-borne versatile time domain electromagnetic (VTEM™) geophysical survey has been completed over Tom and Jason Project, Macmillan Pass situated at Yukon Territory, Canada.

The total area coverage is 91 km[2]. Total survey line coverage 1048 line kilometres. The principal sensors included a Time Domain EM system, and a magnetometer system. Results have been presented as stacked profiles, and contour colour images at a scale of 1:20,000. A formal Interpretation has not been included in this report.

Based on the geophysical results obtained, a number of TEM anomalous zones are identified across the blocks. They can be seen overlapping the TAU decay parameter image presented with the calculated vertical magnetic gradient (CVG) contours in the Appendix. The detailed resistivity depth imaging shows the top of the EM response sources varies in depth approximately from 50m to about 100m below the surface.

Together with the VTEM and magnetic results, they may contain worthwhile information in support of exploration for mineral formations. We would recommend performing EM anomaly picks and EM Maxwell modelling on the targets of interest. Airborne Inductivly Induced Poloarization (AIIP) processing is also recomeded for this project to extract apparent chargeability information. A detailed structural interpretation of the magnetic results should be completed and combined with a 3D magnetic vector inversion. Together this information should be combined with any existing drill hole, geological, geochemical or geophysical data for an intregrated interpretation of the dataset.

Respectfully submitted[2],

Thomas Wade
Geotech Ltd.

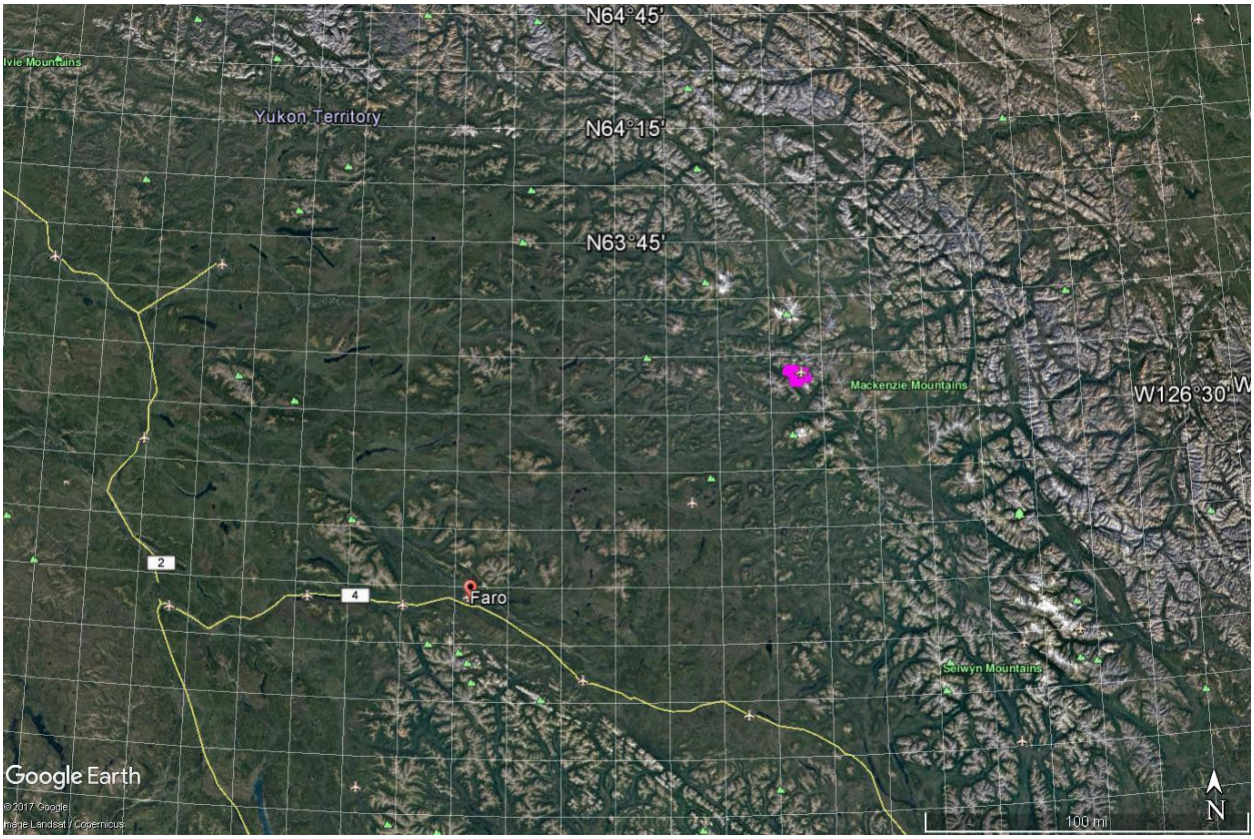
Tai-chyi Shei
Geotech Ltd.

Geoffrey Plastow, P.Geo
Data Processing Manager
Geotech Ltd.

[2] Final data processing of the EM and magnetic data were carried out by Tai-chyi Shei, from the office of Geotech Ltd. in Aurora, Ontario, under the supervision of Geoffrey Plastow, P.Geo. Data Processing Manager.

APPENDIX A

SURVEY AREA LOCATION MAP



Overview of the Survey Area

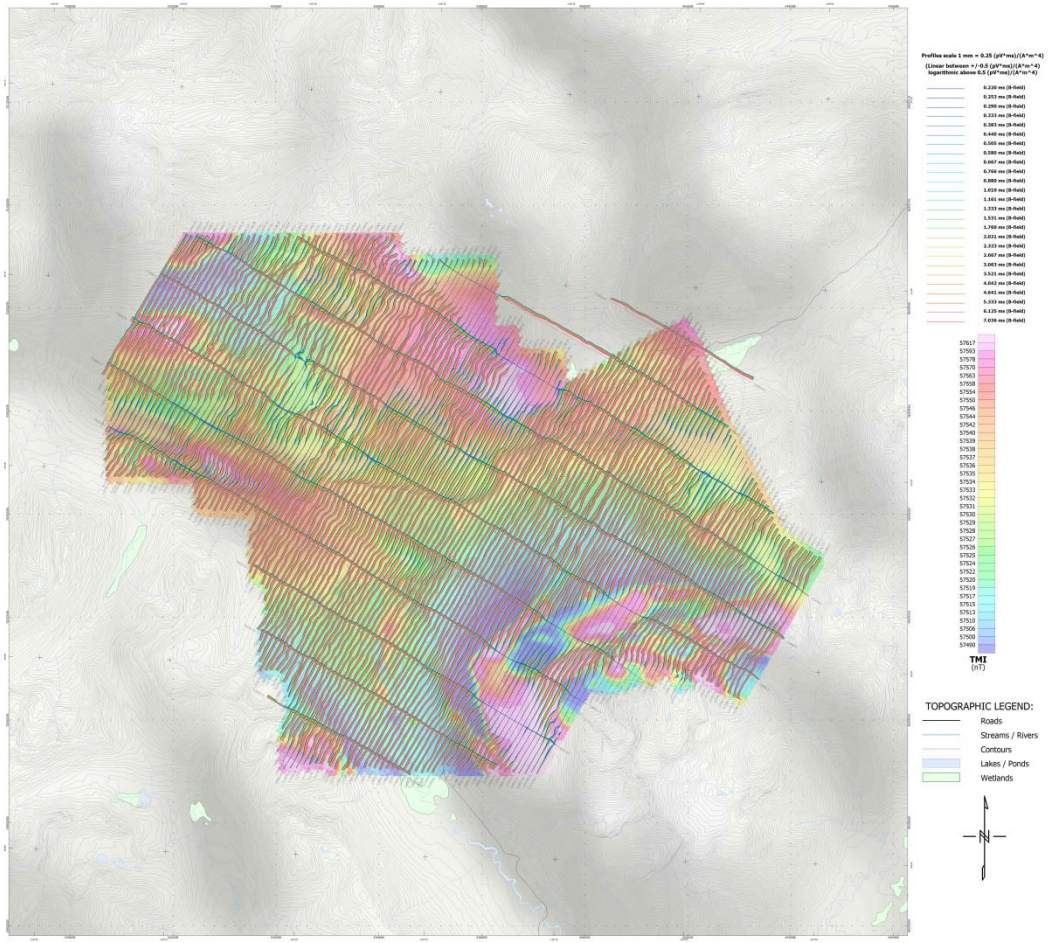
APPENDIX B

SURVEY AREA COORDINATES

(WGS 84, UTM Zone 9 North)

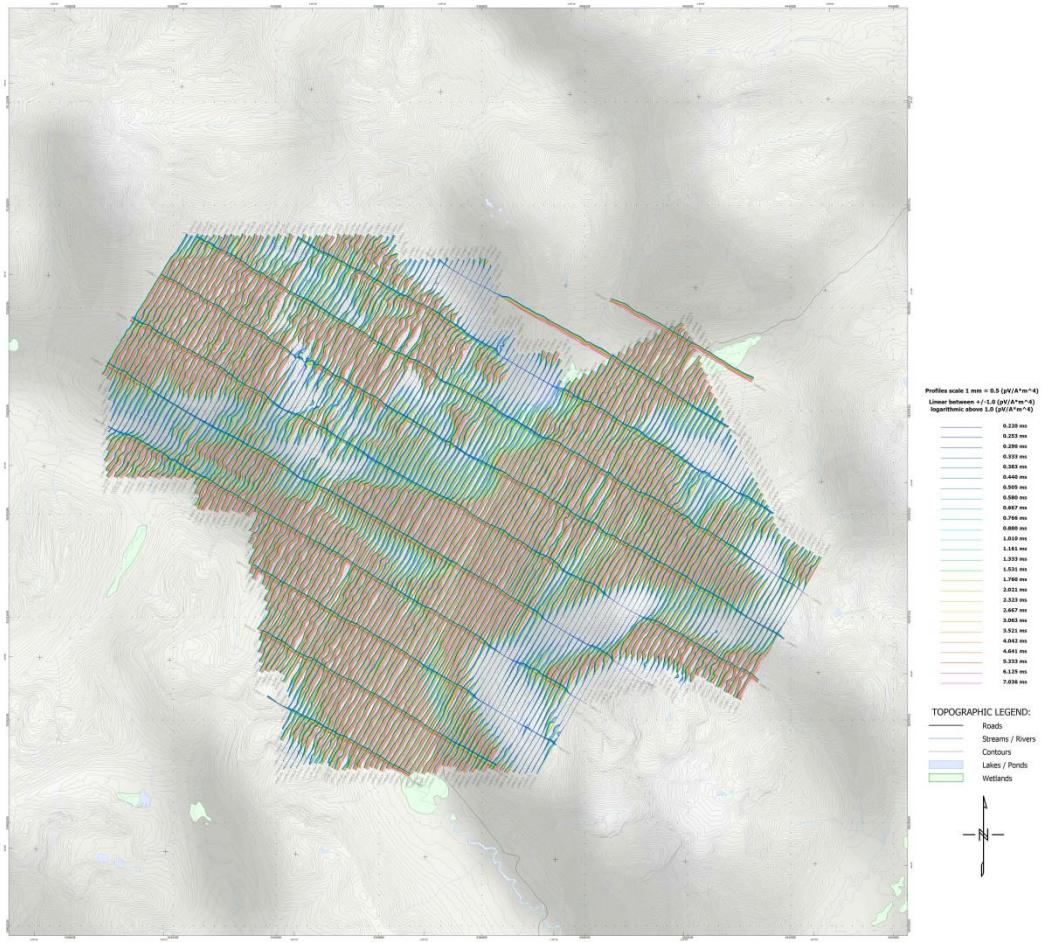
WGS84 UTM Zone 9N	
X	Y
438598	7007490
438140	7007490
438140	7008860
436310	7008859
436309	7009315
432318	7009309
432256	7009350
430756	7006752
430818	7006711
430821	7004747
432537	7004748
432521	7004126
433754	7004057
433602	7003776
433598	7002869
433886	7002871
433885	7002077
433786	7001897
433760	7001000
434213	7000984
434318	7000298
434177	7000050
434171	6999125
434582	6999142
435075	6999107
436144	6999128
436652	6999036
437256	6999024
437251	6999138
437547	6999159
437565	6999034
438249	6999103
438524	6999040
439122	6999040
439725	7000076
439822	7000067
440174	7000711
440688	7000650
440716	7000788
440811	7000680
441153	7000949
441294	7000768
441655	7001048
441915	7000672
442289	7000929
443069	7000461
444569	7003059
443775	7003518
443448	7004256
442676	7005764
442276	7006791
442108	7007219
441910	7007632
441085	7007238
440133	7006651
439612	7006426
439583	7006355
439513	7006305
439513	7007034
438598	7007034
438598	7007490
438598	7007490

APPENDIX C - GEOPHYSICAL MAPS[1]

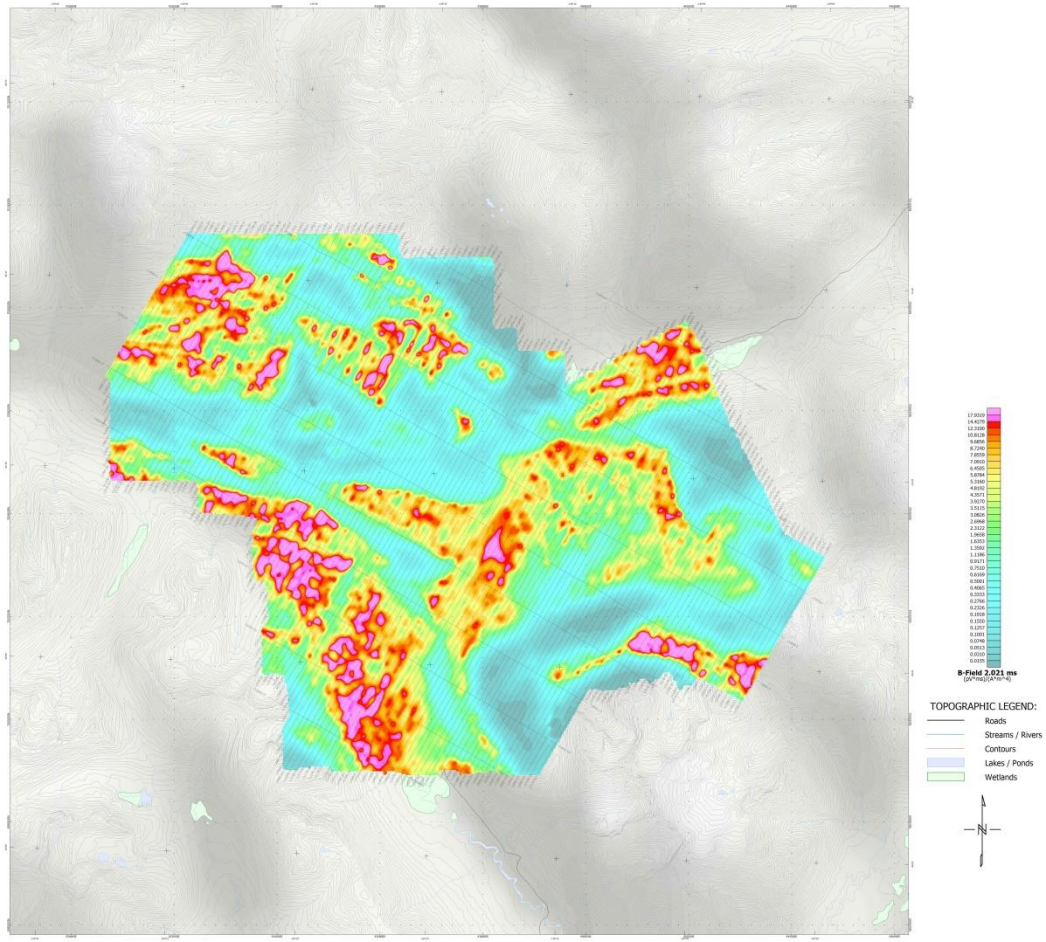


B-field profiles Z Component, Time Gates 0.220 – 7.036 ms in linear – logarithmic scale.

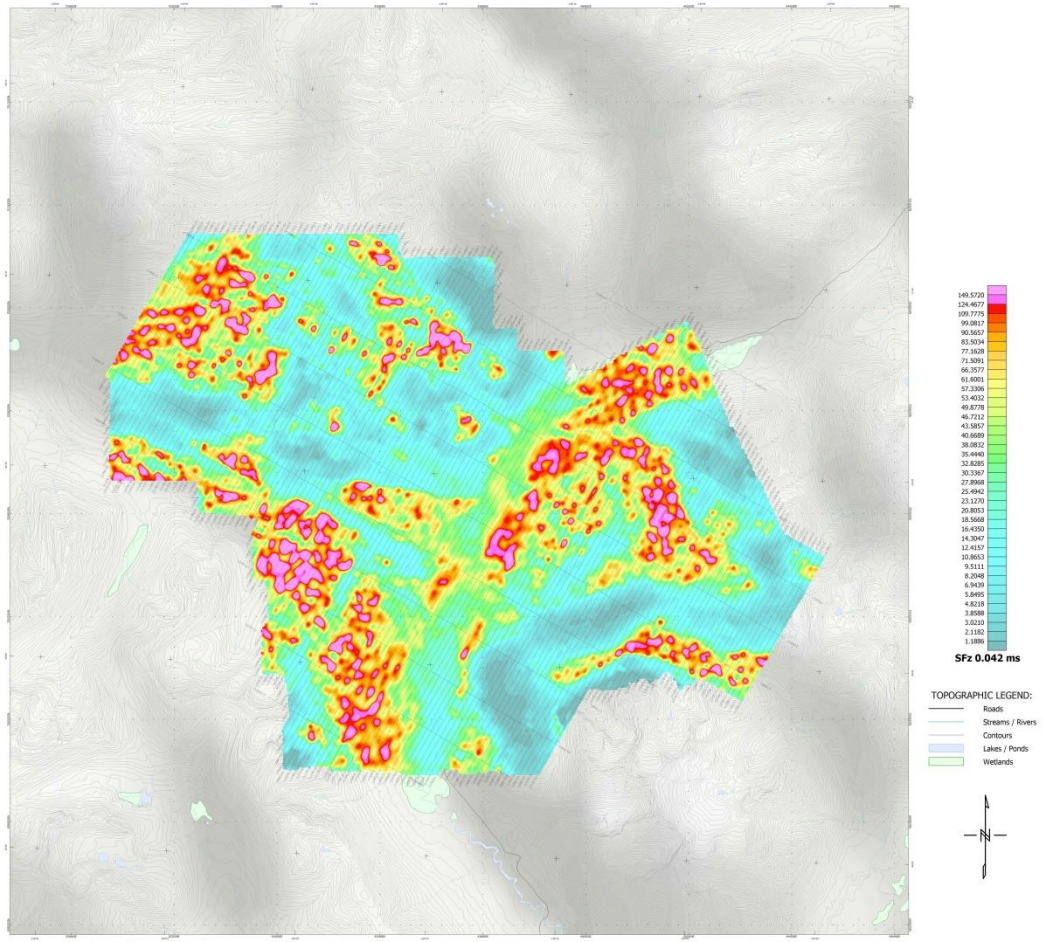
[1] Complete full size geophysical maps are also available in PDF format located in the final data maps folder



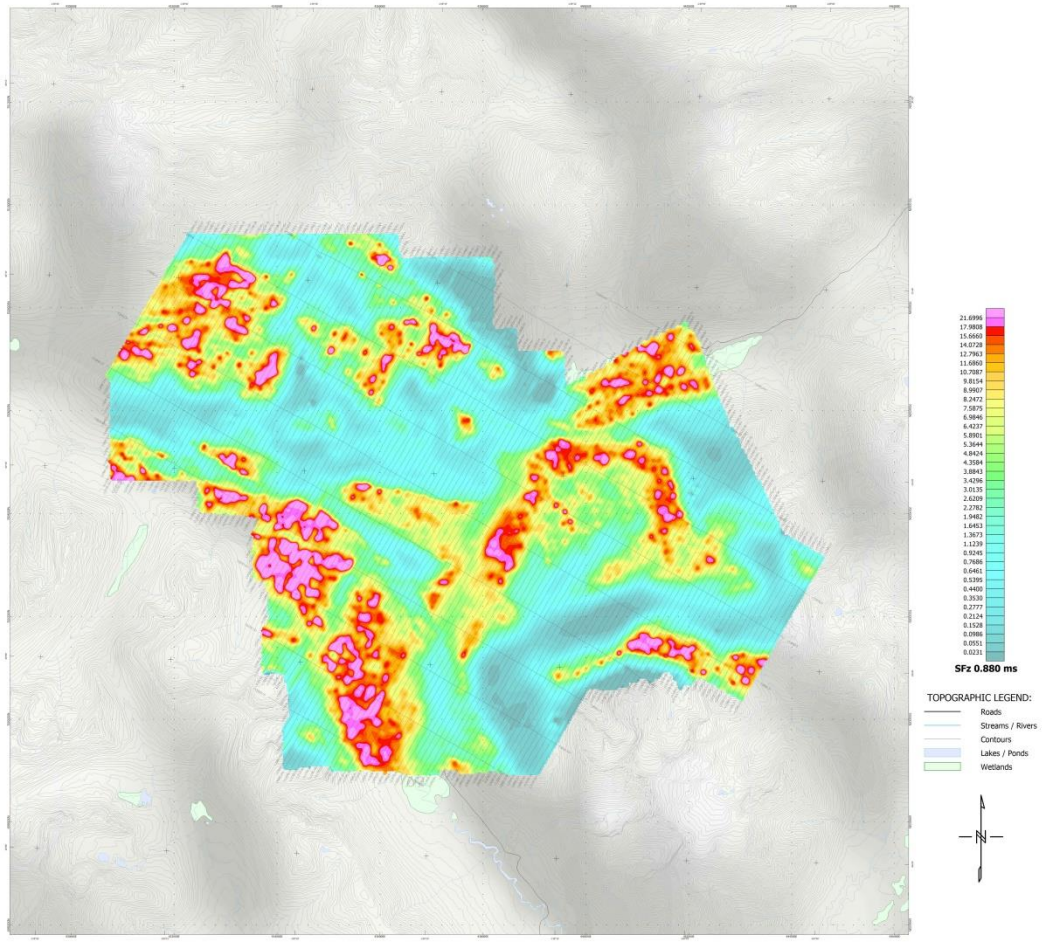
dB/dt profiles Z Component, Time Gates 0.220 – 7.036 ms in linear – logarithmic scale.



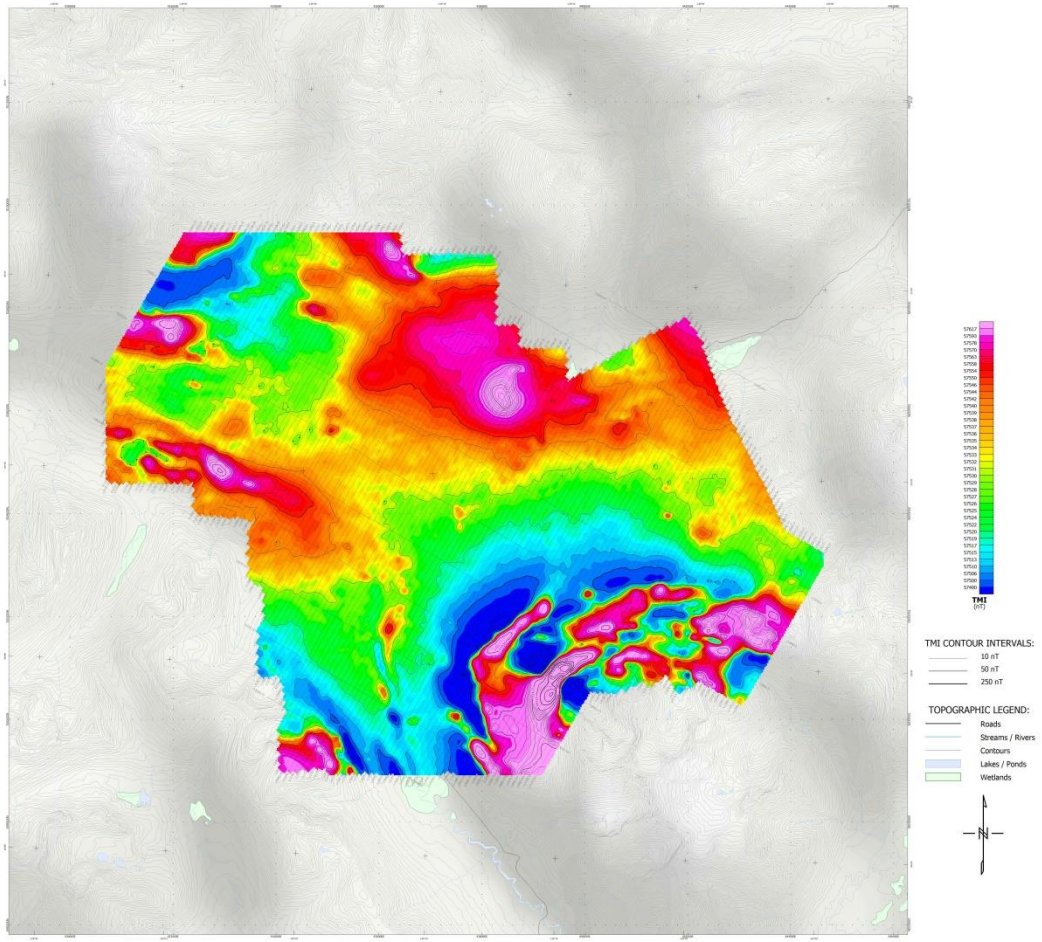
B-field late time Z Component Channel 36, Time Gate 2.021ms colour image.



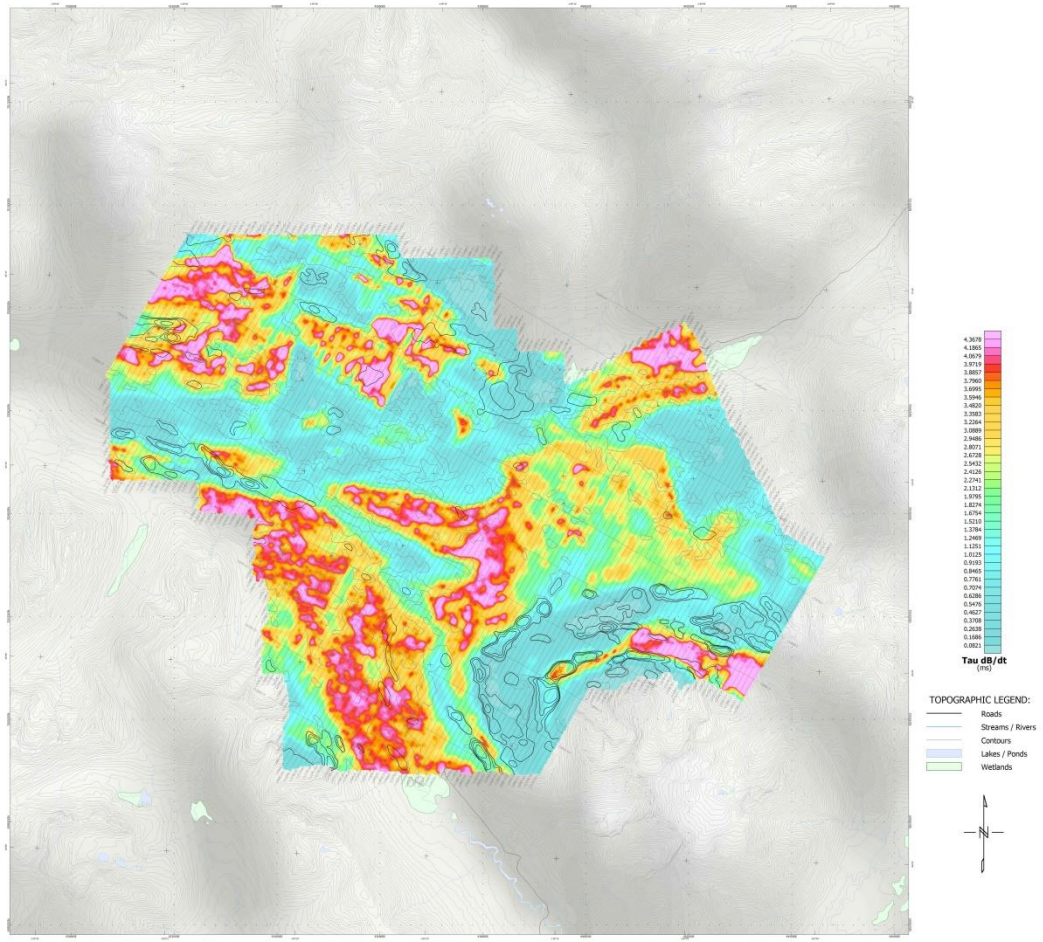
dB/dt Z Component Channel 8 (Time Gate 0.042 ms).



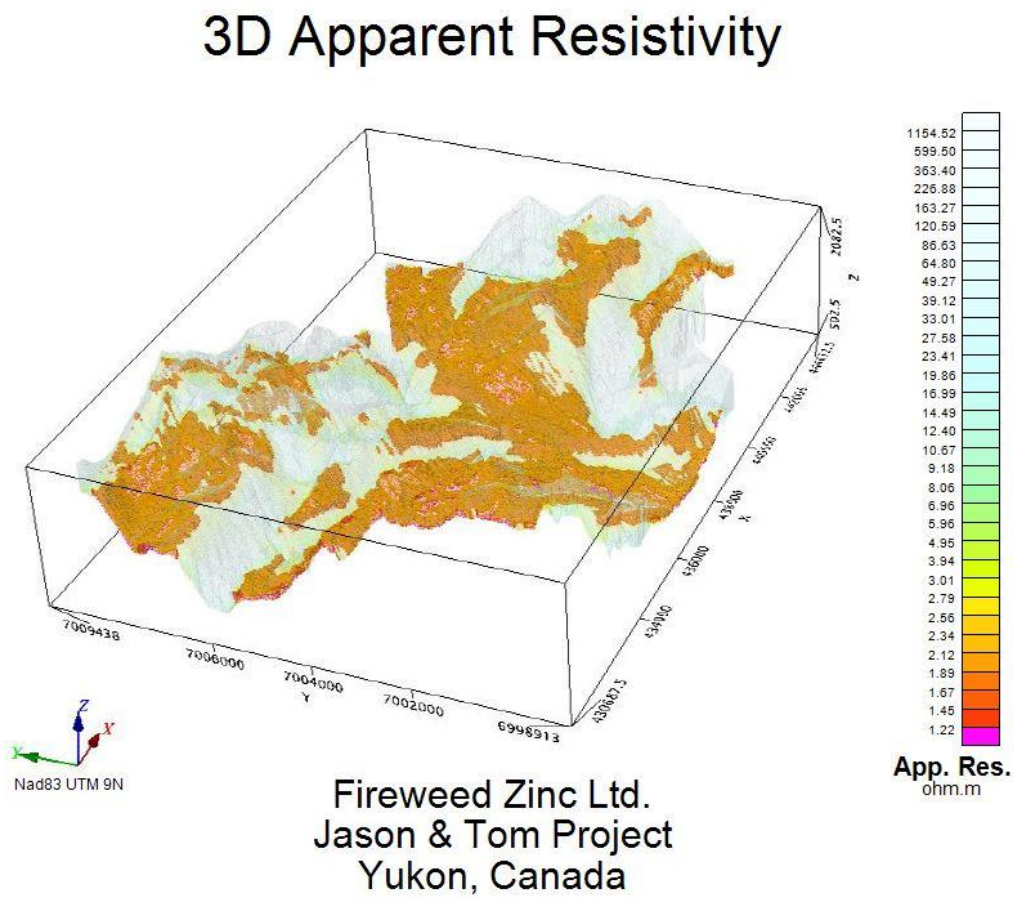
dB/dt Z Component Channel 30 (Time Gate 0.880 ms).



Total Magnetic Intensity colour image and contours.



dB/dt Calculated Time Constant (Tau) with Calculated Vertical Derivative contours



3D Resistivity-Depth Image (RDI)

APPENDIX D

GENERALIZED MODELING RESULTS OF THE VTEM SYSTEM
INTRODUCTION

The VTEM system is based on a concentric or central loop design, whereby, the receiver is positioned at the centre of a transmitter loop that produces a primary field. The wave form is a bi-polar, modified square wave with a turn-on and turn-off at each end.

During turn-on and turn-off, a time varying field is produced (dB/dt) and an electro-motive force (emf) is created as a finite impulse response. A current ring around the transmitter loop moves outward and downward as time progresses. When conductive rocks and mineralization are encountered, a secondary field is created by mutual induction and measured by the receiver at the centre of the transmitter loop.

Efficient modeling of the results can be carried out on regularly shaped geometries, thus yielding close approximations to the parameters of the measured targets. The following is a description of a series of common models made for the purpose of promoting a general understanding of the measured results.

A set of models has been produced for the Geotech VTEM™ system dB/dT Z and X components (see models D1 to D15). The Maxwell ™ modeling program (EMIT Technology Pty. Ltd. Midland, WA, AU) used to generate the following responses assumes a resistive half-space. The reader is encouraged to review these models, so as to get a general understanding of the responses as they apply to survey results. While these models do not begin to cover all possibilities, they give a general perspective on the simple and most commonly encountered anomalies.

As the plate dips and departs from the vertical position, the peaks become asymmetrical.

As the dip increases, the aspect ratio (Min/Max) decreases and this aspect ratio can be used as an empirical guide to dip angles from near 90º to about 30º. The method is not sensitive enough where dips are less than about 30º.

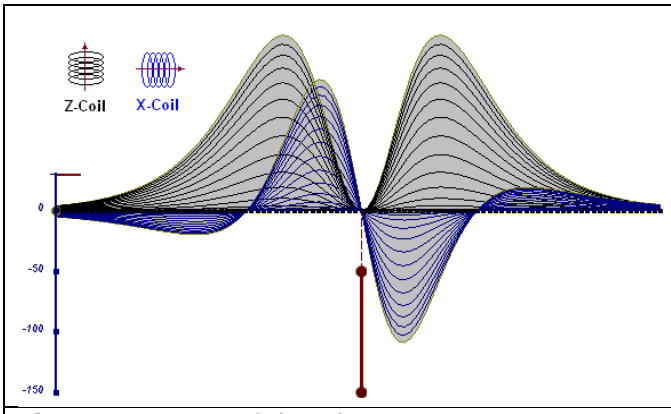


Figure D-1: vertical thin plate

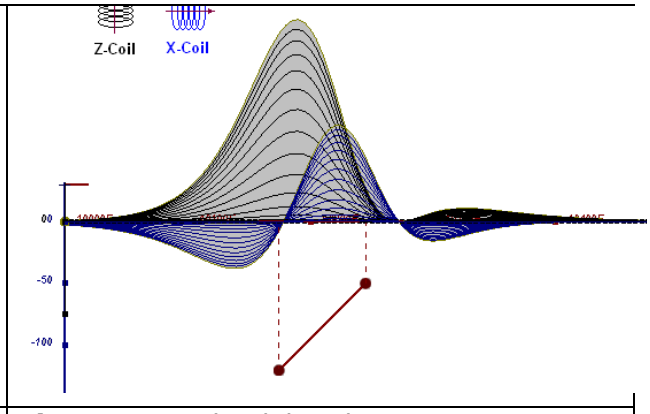


Figure D-2: inclined thin plate

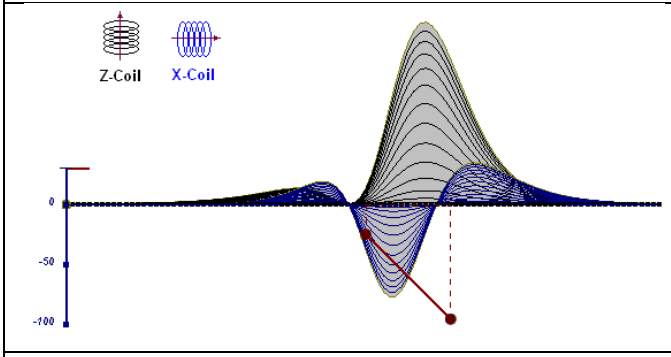


Figure D-3: inclined thin plate

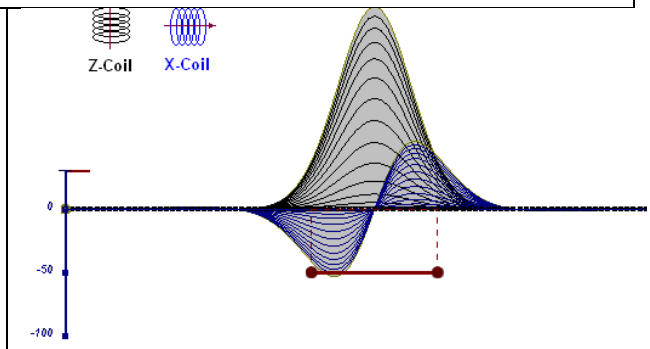


Figure D-4: horizontal thin plate

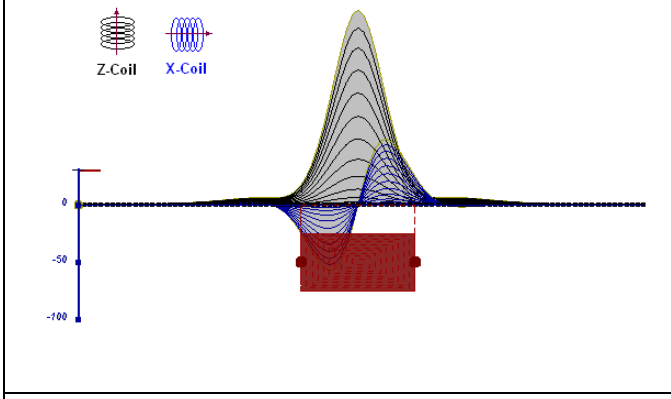


Figure D-5: horizontal thick plate (linear scale of the response)

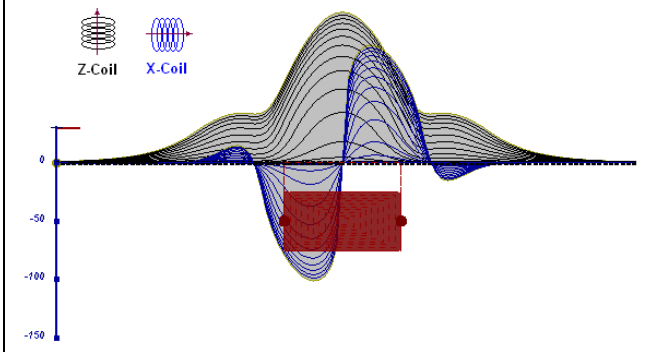


Figure D-6: horizontal thick plate (log scale of the response)

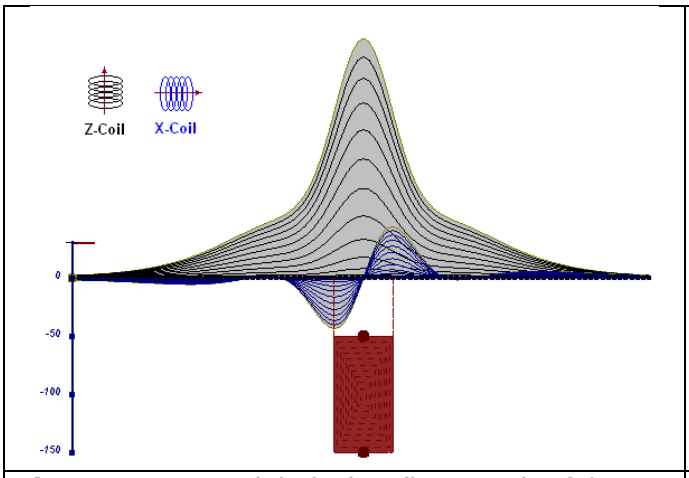


Figure D-7: vertical thick plate (linear scale of the response). 50 m depth

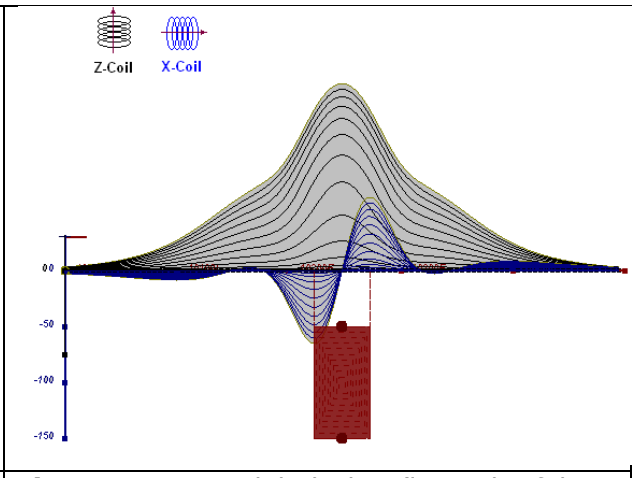


Figure D-8: vertical thick plate (log scale of the response). 50 m depth

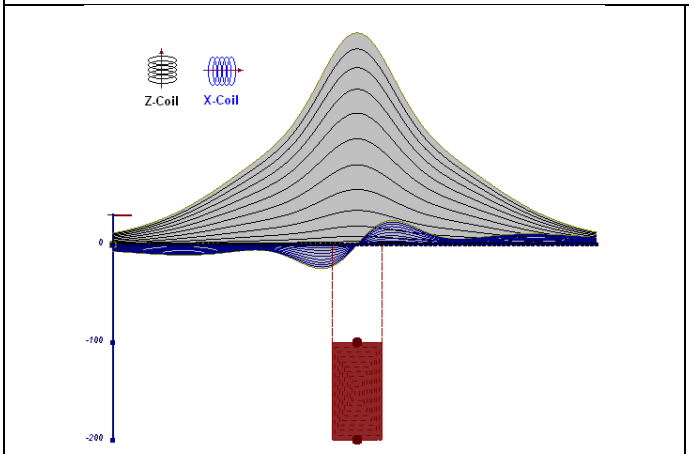


Figure D-9: vertical thick plate (linear scale of the response). 100 m depth

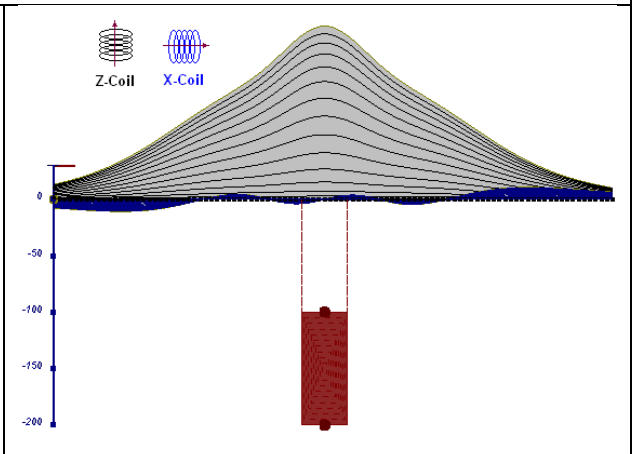


Figure D-10: vertical thick plate (linear scale of the response). Depth / horizontal thickness=2.5

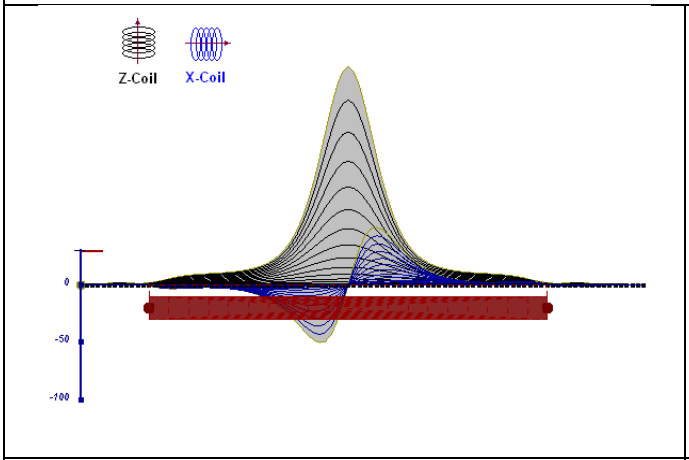


Figure D-11: horizontal thick plate (linear scale of the response)

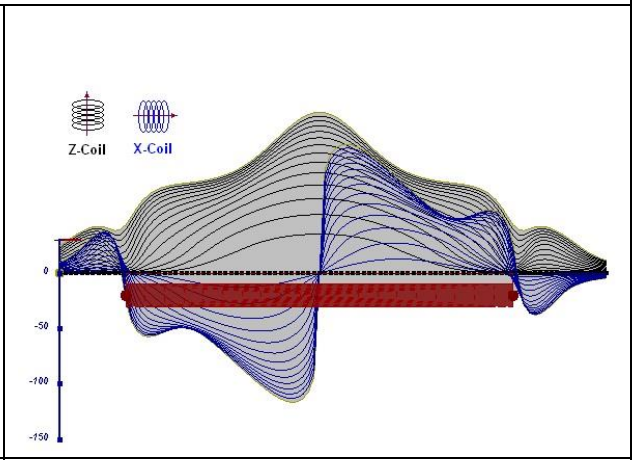


Figure D-12: horizontal thick plate (log scale of the response)

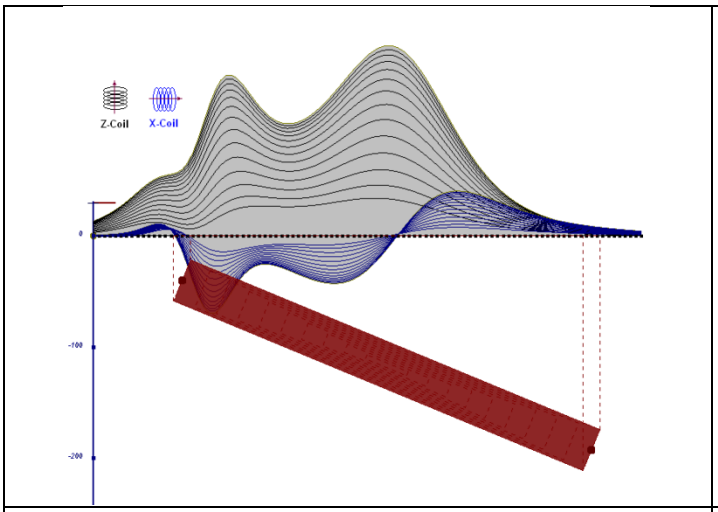


Figure D-13: inclined long thick plate

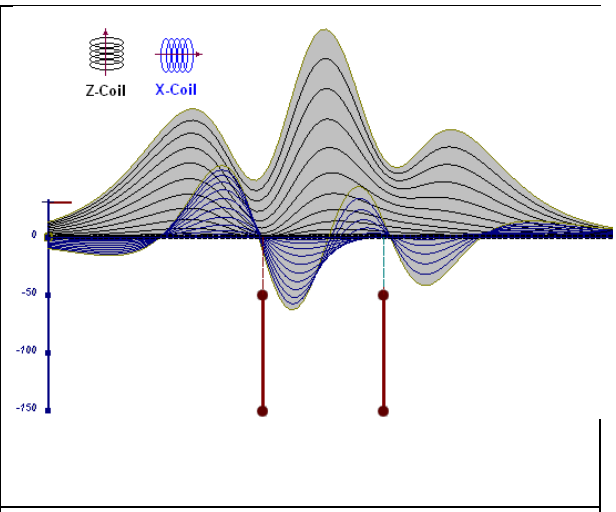


Figure D-14: two vertical thin plates

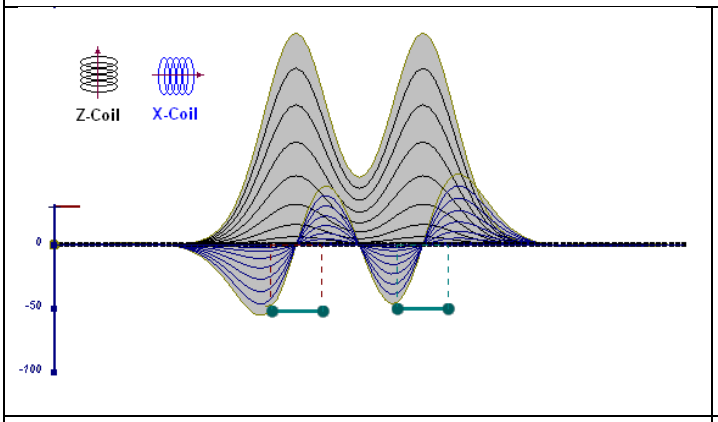


Figure D-15: two horizontal thin plates

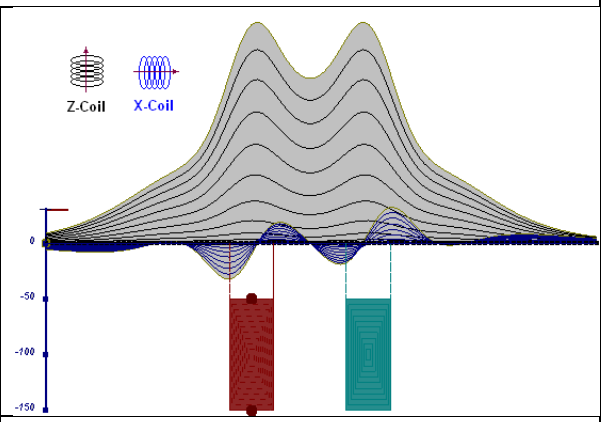


Figure D-16: two vertical thick plates

The same type of target but with different thickness, for example, creates different form of the response:

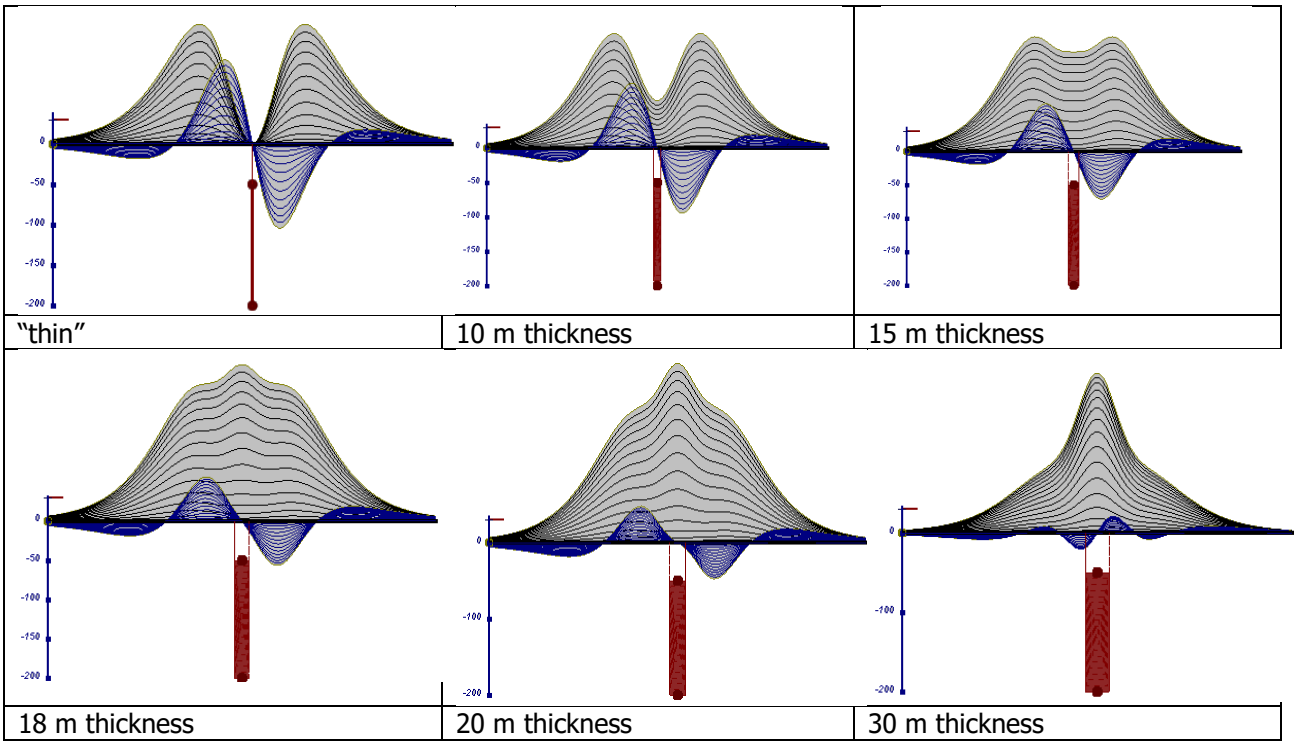


Figure D-17: Conductive vertical plate, depth 50 m, strike length 200 m, depth extends 150 m.

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APPENDIX E

EM TIME CONSTANT (TAU) ANALYSIS

Estimation of time constant parameter[1] in transient electromagnetic method is one of the steps toward the extraction of the information about conductances beneath the surface from TEM measurements.

The most reliable method to discriminate or rank conductors from overburden, background or one and other is by calculating the EM field decay time constant (TAU parameter), which directly depends on conductance despite their depth and accordingly amplitude of the response.

THEORY

As established in electromagnetic theory, the magnitude of the electro-motive force (emf) induced is proportional to the time rate of change of primary magnetic field at the conductor. This emf causes eddy currents to flow in the conductor with a characteristic transient decay, whose Time Constant (Tau) is a function of the conductance of the survey target or conductivity and geometry (including dimensions) of the target. The decaying currents generate a proportional secondary magnetic field, the time rate of change of which is measured by the receiver coil as induced voltage during the Off time.

The receiver coil output voltage ($\mathbf{e_0}$) is proportional to the time rate of change of the secondary magnetic field and has the form,

$$e_0 \, \alpha \, (1 / \tau) \, e^{-(t/\tau)}$$

Where,
τ = L/R is the characteristic time constant of the target (TAU)
R = resistance
L = inductance

From the expression, conductive targets that have small value of resistance and hence large value of τ yield signals with small initial amplitude that decays relatively slowly with progress of time. Conversely, signals from poorly conducting targets that have large resistance value and smallτ, have high initial amplitude but decay rapidly with time[1] (Fig. E1).

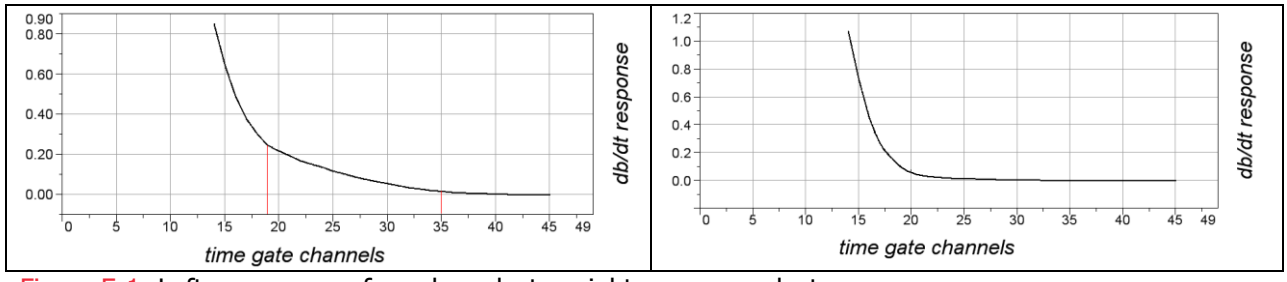

Figure E-1: Left – presence of good conductor, right – poor conductor.

[1] McNeill, JD, 1980, "Applications of Transient Electromagnetic Techniques", Technical Note TN-7 page 5, Geonics Limited, Mississauga, Ontario.

EM Time Constant (Tau) Calculation

The EM Time-Constant (TAU) is a general measure of the speed of decay of the electromagnetic response and indicates the presence of eddy currents in conductive sources as well as reflecting the "conductance quality" of a source. Although TAU can be calculated using either the measured dB/dt decay or the calculated B-field decay, dB/dt is commonly preferred due to better stability (S/N) relating to signal noise. Generally, TAU calculated on base of early time response reflects both near surface overburden and poor conductors whereas, in the late ranges of time, deep and more conductive sources, respectively. For example early time TAU distribution in an area that indicates conductive overburden is shown in Figure 2.

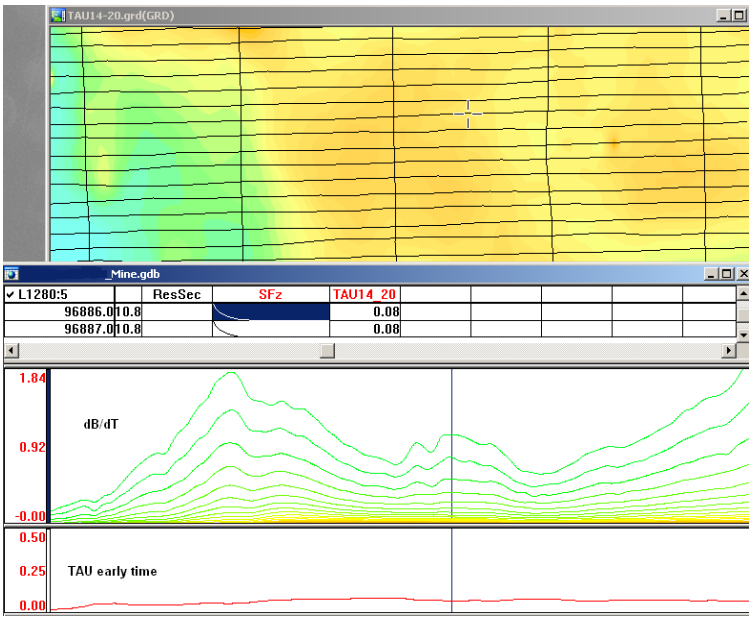

Figure E-2: Map of early time TAU. Area with overburden conductive layer and local sources.

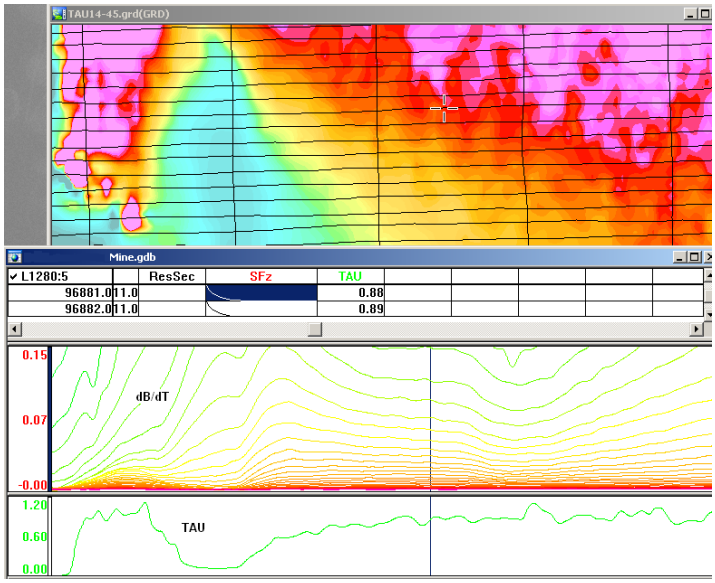

Figure E-3: Map of full time range TAU with EM anomaly due to deep highly conductive target.

There are many advantages of TAU maps:

- TAU depends only on one parameter (conductance) in contrast to response magnitude;
- TAU is integral parameter, which covers time range and all conductive zones and targets are displayed independently of their depth and conductivity on a single map.
- Very good differential resolution in complex conductive places with many sources with different conductivity.
- Signs of the presence of good conductive targets are amplified and emphasized independently of their depth and level of response accordingly.

In the example shown in Figure 4 and 5, three local targets are defined, each of them with a different depth of burial, as indicated on the resistivity depth image (RDI). All are very good conductors but the deeper target (number 2) has a relatively weak dB/dt signal yet also features the strongest total TAU (Figure 4). This example highlights the benefit of TAU analysis in terms of an additional target discrimination tool.

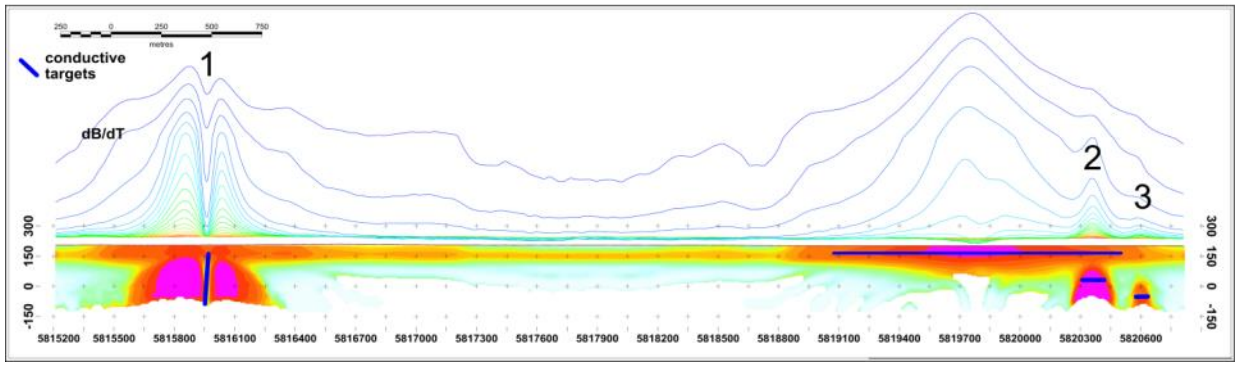

Figure E-4: dB/dt profile and RDI with different depths of targets.

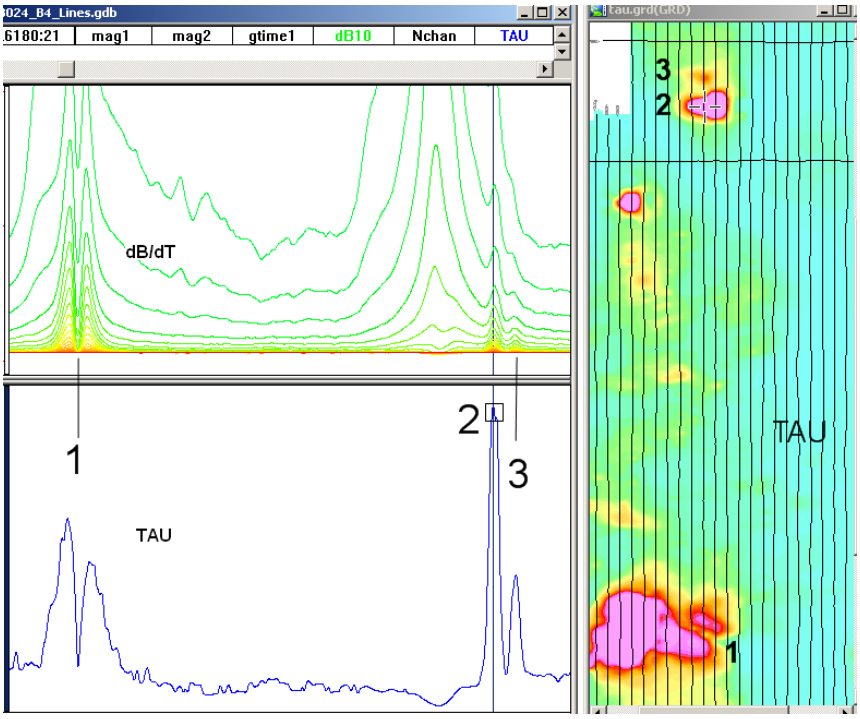

Figure E-5: Map of total TAU and dB/dt profile.

The EM Time Constants for dB/dt and B-field were calculated using the "sliding Tau" in-house program developed at Geotech2. The principle of the calculation is based on using of time window (4 time channels) which is sliding along the curve decay and looking for latest time channels which have a response above the level of noise and decay. The EM decays are obtained from all available decay channels, starting at the latest channel. Time constants are taken from a least square fit of a straight-line (log/linear space) over the last 4 gates above a pre-set signal threshold level (Figure F6). Threshold settings are pointed in the "label" property of TAU database channels. The sliding Tau method determines that, as the amplitudes increase, the time-constant is taken at progressively later times in the EM decay. Conversely, as the amplitudes decrease, Tau is taken at progressively earlier times in the decay. If the maximum signal amplitude falls below the threshold, or becomes negative for any of the 4 time gates, then Tau is not calculated and is assigned a value of "dummy" by default.

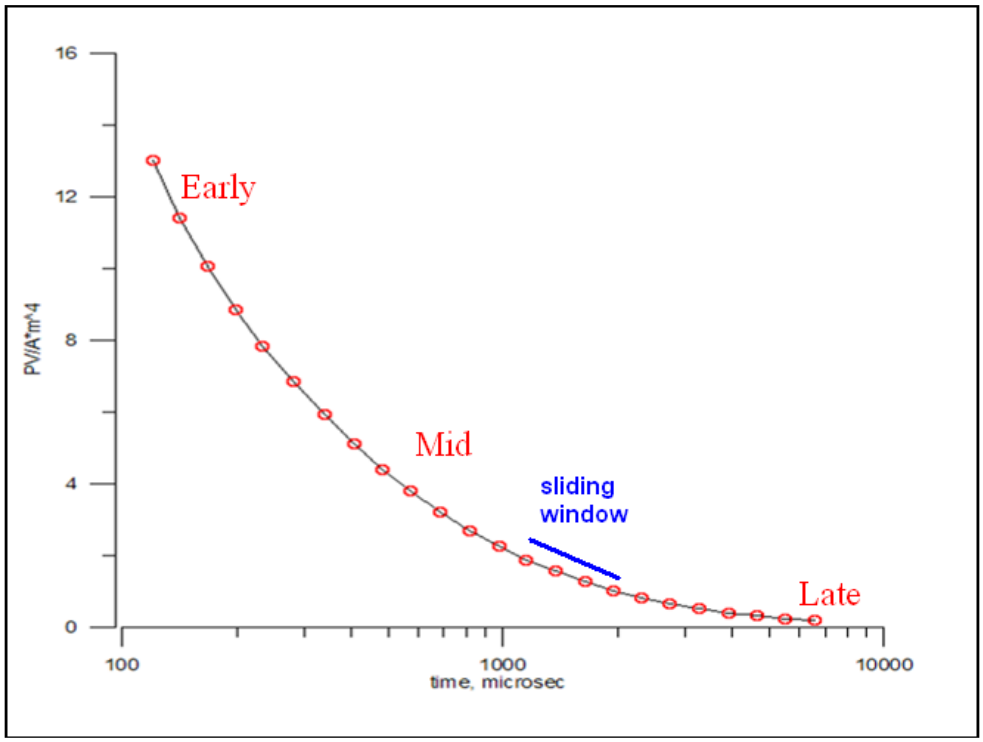

Figure E-6: Typical dB/dt decays of VTEM data

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September 2010

[2] by A.Prikhodko

APPENDIX F

TEM RESISTIVITY DEPTH IMAGING (RDI)

Resistivity depth imaging (RDI) is technique used to rapidly convert EM profile decay data into an equivalent resistivity versus depth cross-section, by deconvolving the measured TEM data.
The used RDI algorithm of Resistivity-Depth transformation is based on scheme of the apparent resistivity transform of Maxwell A.Meju (1998)[1] and TEM response from conductive half-space. The program is developed by Alexander Prikhodko and depth calibrated based on forward plate modeling for VTEM system configuration (Fig. 1-10).

RDIs provide reasonable indications of conductor relative depth and vertical extent, as well as accurate 1D layered-earth apparent conductivity/resistivity structure across VTEM flight lines. Approximate depth of investigation of a TEM system, image of secondary field distribution in half space, effective resistivity, initial geometry and position of conductive targets is the information obtained on base of the RDIs.

Maxwell forward modeling with RDI sections from the synthetic responses (VTEM system).

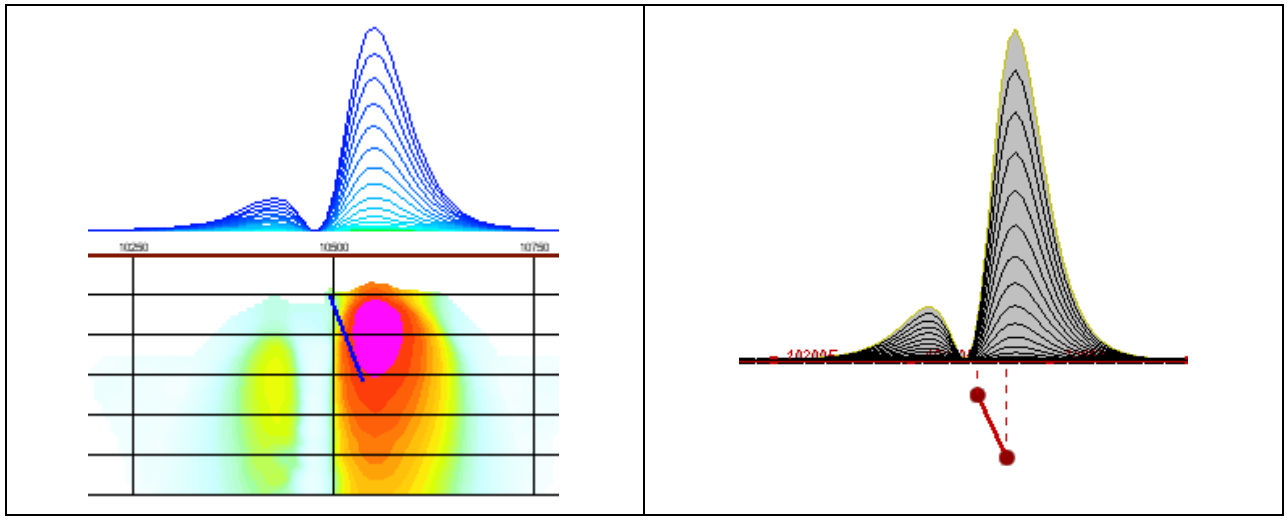


Figure F-1: Maxwell plate model and RDI from the calculated response for conductive "thin" plate (depth 50 m, dip 65 degree, depth extend 100 m).

[1] Maxwell A.Meju, 1998, Short Note: A simple method of transient electromagnetic data analysis, Geophysics, **63**, 405–410.

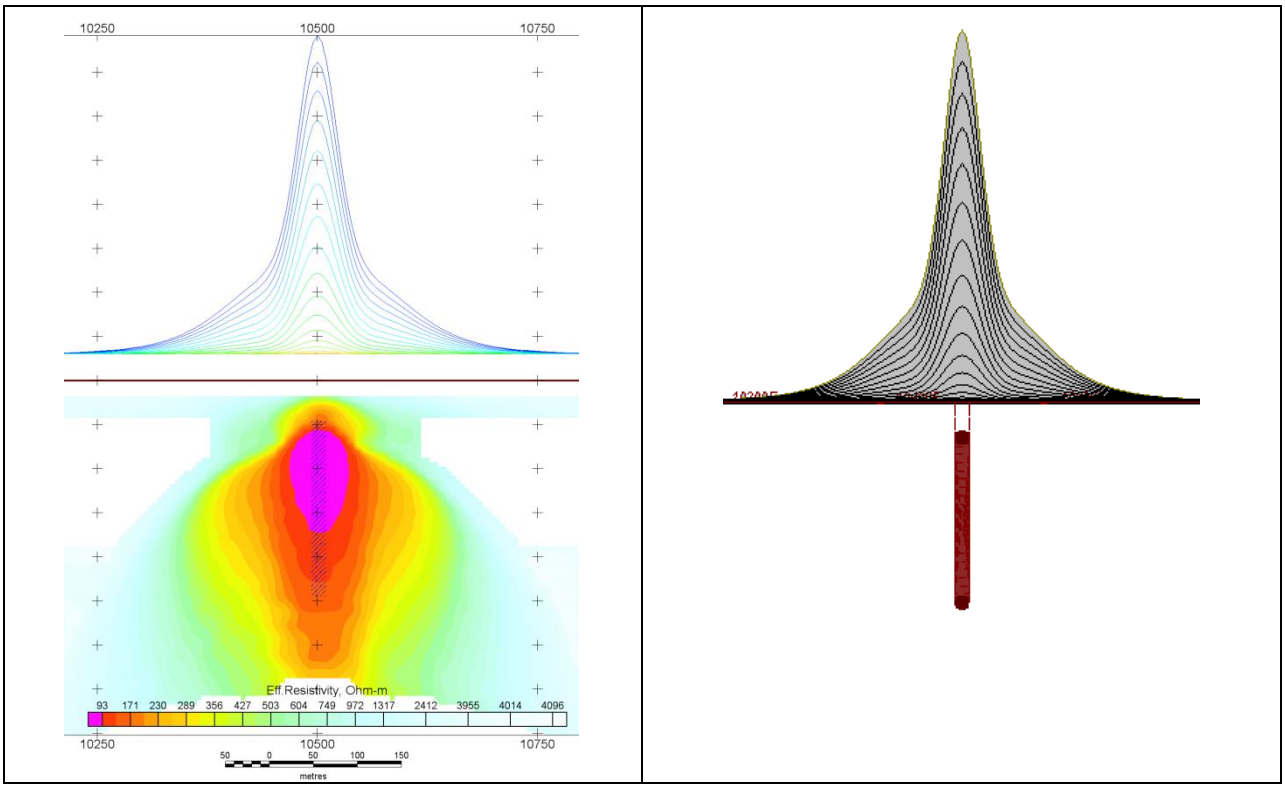


Figure F-2: Maxwell plate model and RDI from the calculated response for "thick" plate 18 m thickness, depth 50 m, depth extend 200 m).

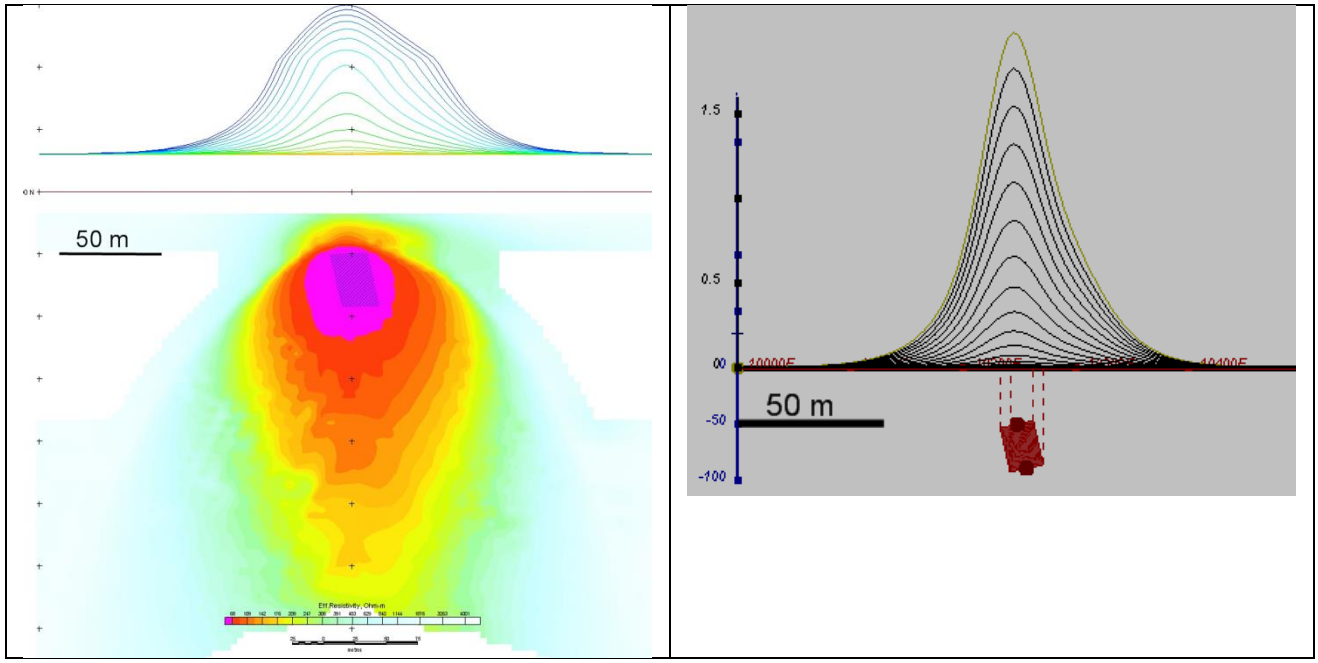


Figure F-3: Maxwell plate model and RDI from the calculated response for bulk ("thick") 100 m length, 40 m depth extend, 30 m thickness

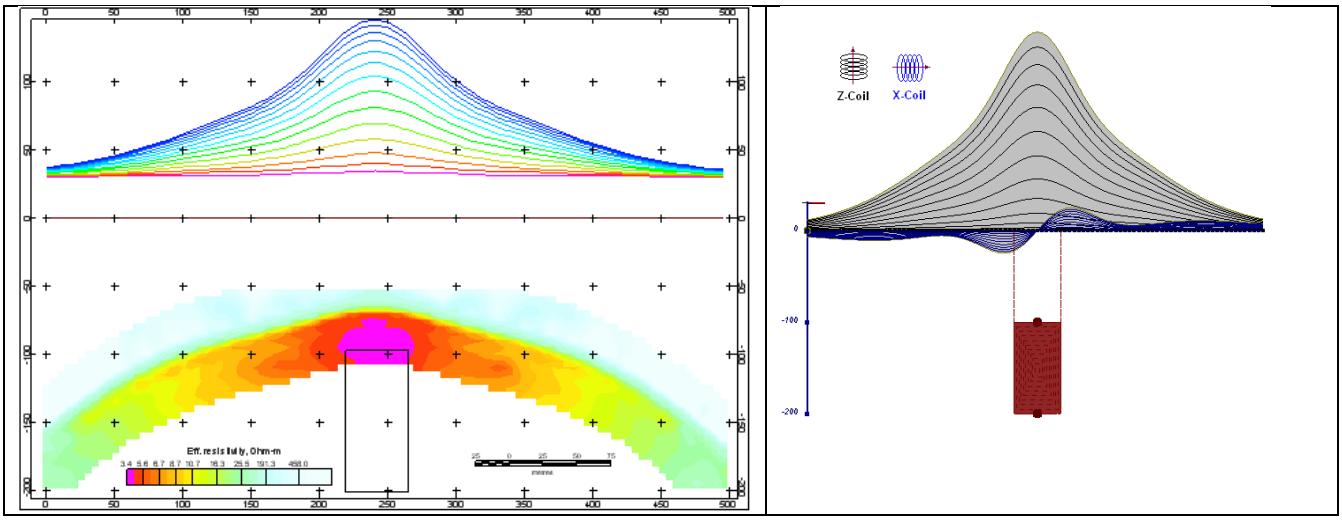


Figure F-4: Maxwell plate model and RDI from the calculated response for "thick" vertical target (depth 100 m, depth extend 100 m). 19-44 chan.

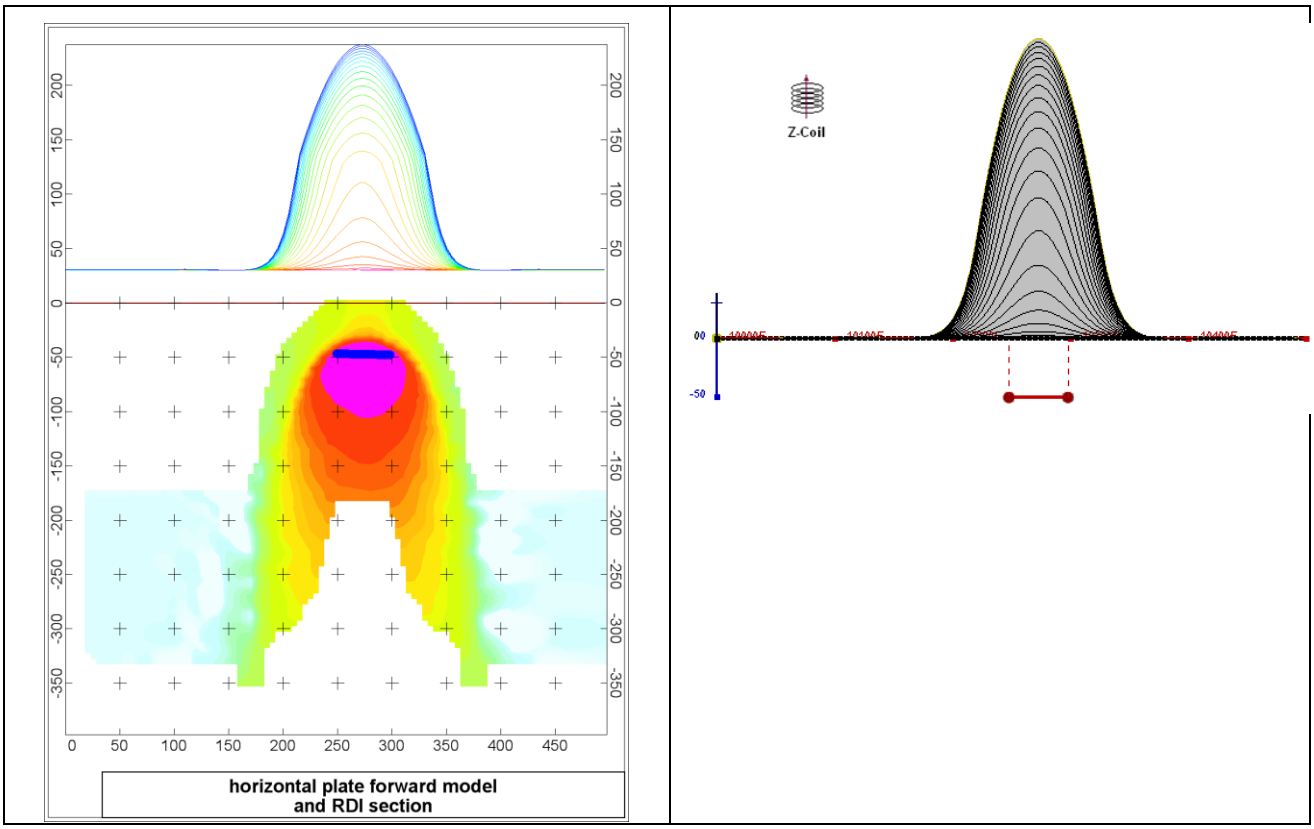


Figure F-5: Maxwell plate model and RDI from the calculated response for horizontal thin plate (depth 50 m, dim 50x100 m). 15-44 chan.

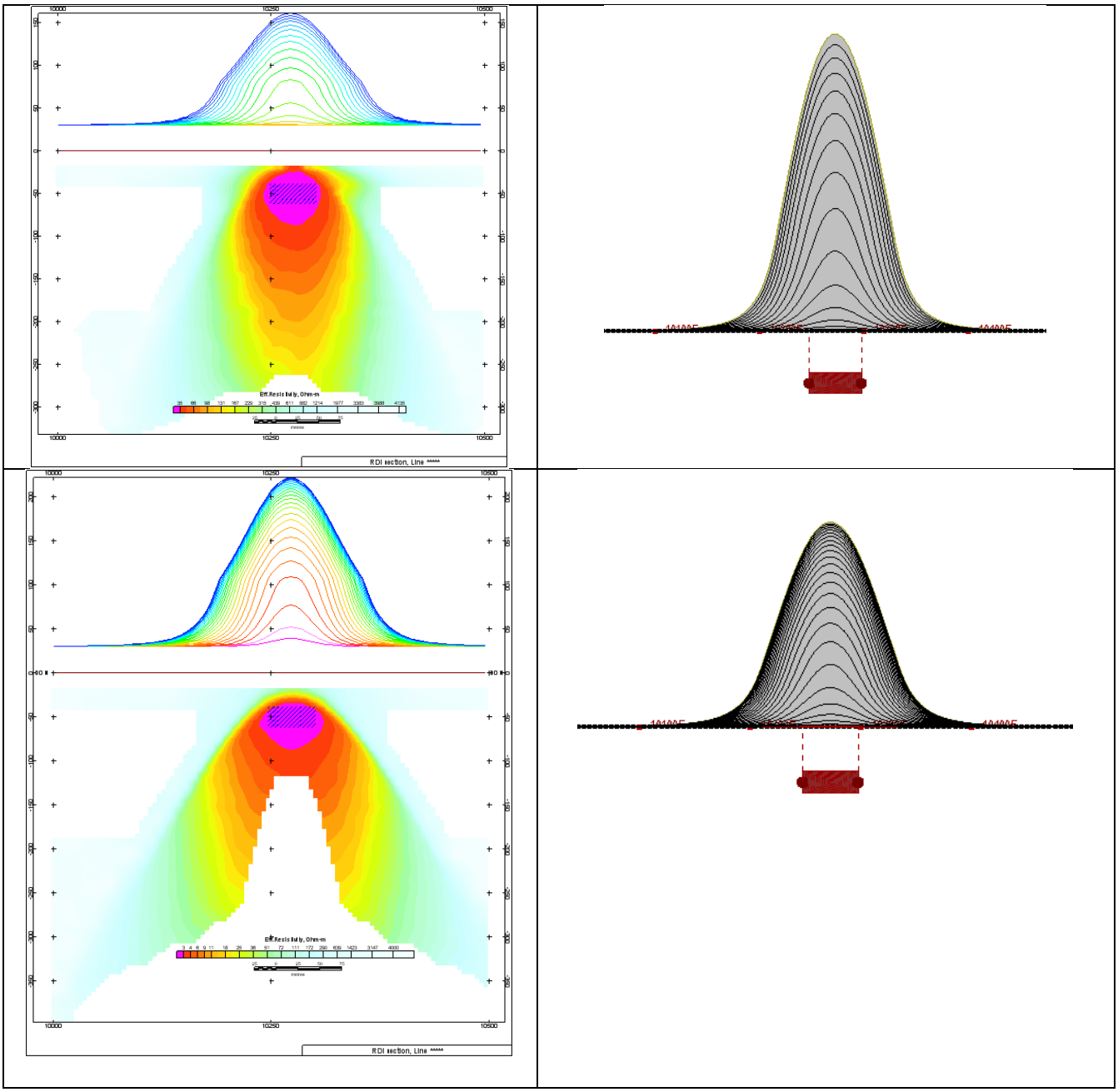


Figure F-6: Maxwell plate model and RDI from the calculated response for horizontal thick (20m) plate – less conductive (on the top), more conductive (below).

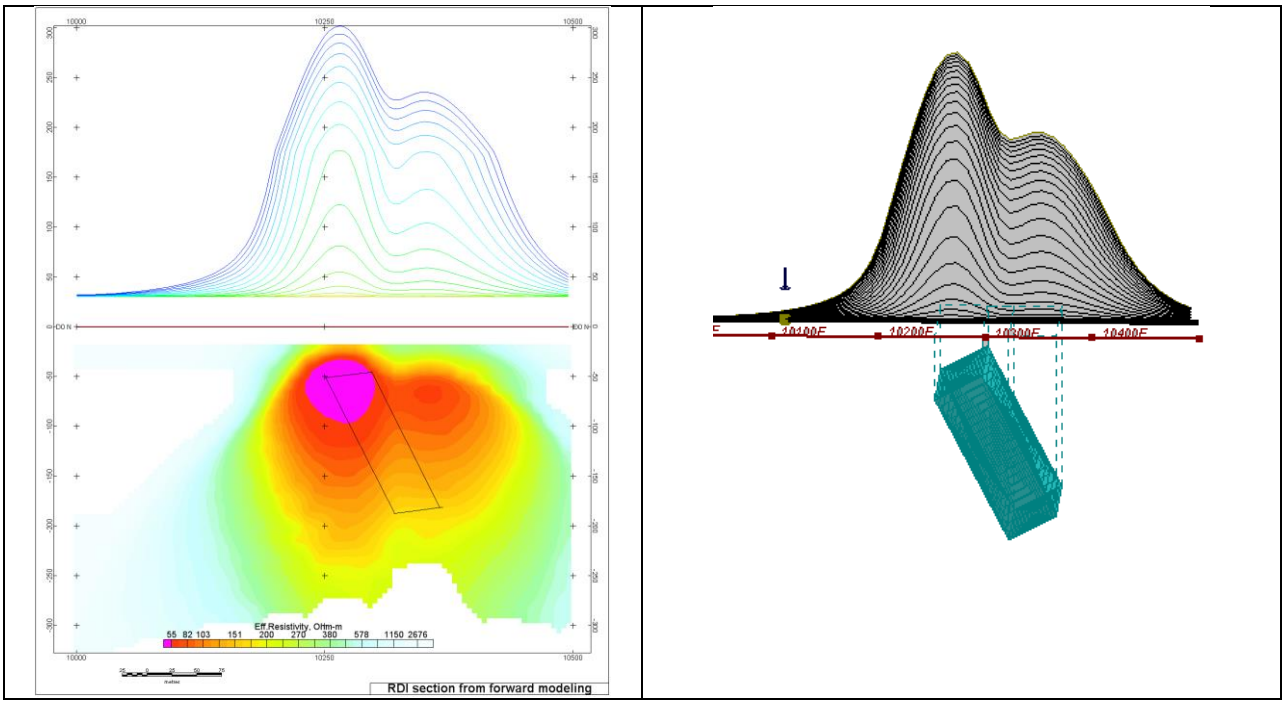


Figure F-7: Maxwell plate model and RDI from the calculated response for inclined thick (50m) plate. Depth extends 150 m, depth to the target 50 m.

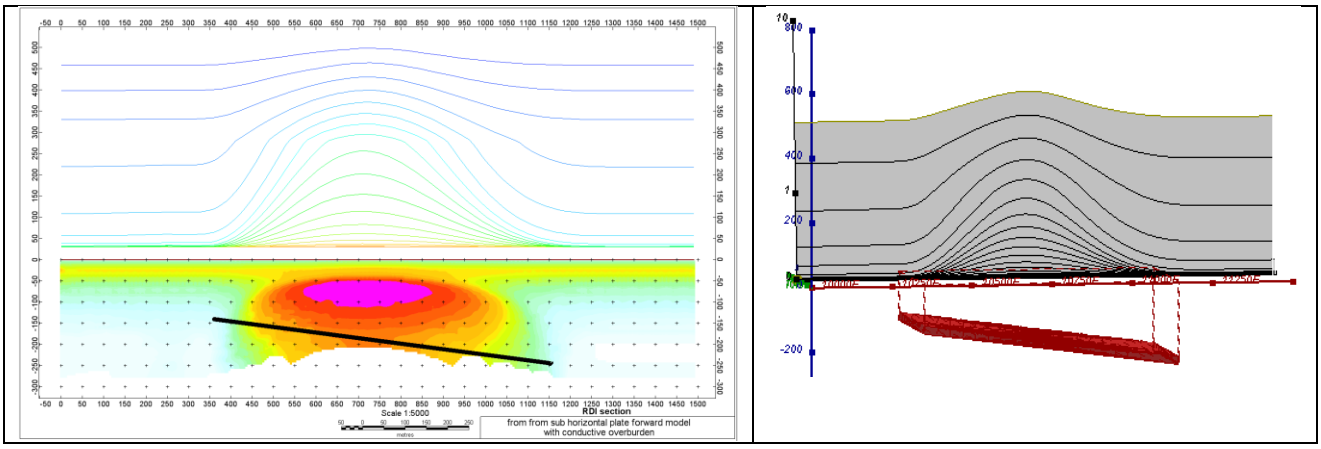


Figure F-8: Maxwell plate model and RDI from the calculated response for the long, wide and deep subhorizontal plate (depth 140 m, dim 25x500x800 m) with conductive overburden.

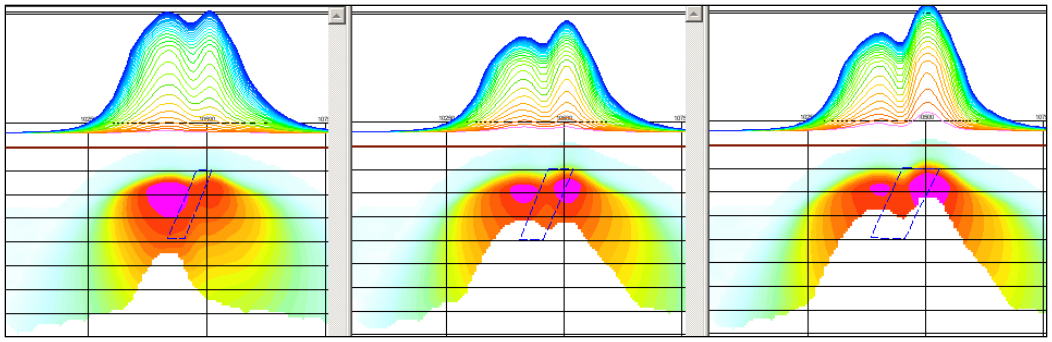


Figure F-9: Maxwell plate models and RDIs from the calculated response for "thick" dipping plates (35, 50, 75 m thickness), depth 50 m, conductivity 2.5 S/m.

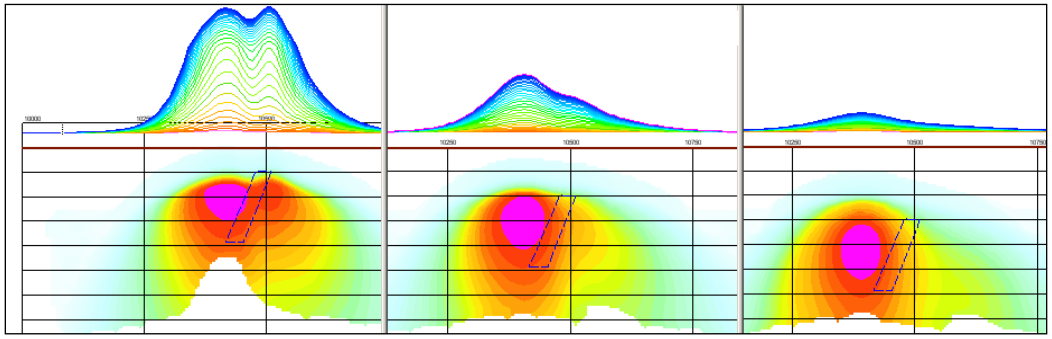


Figure F-10: Maxwell plate models and RDIs from the calculated response for "thick" (35 m thickness) dipping plate on different depth (50, 100, 150 m), conductivity 2.5 S/m.

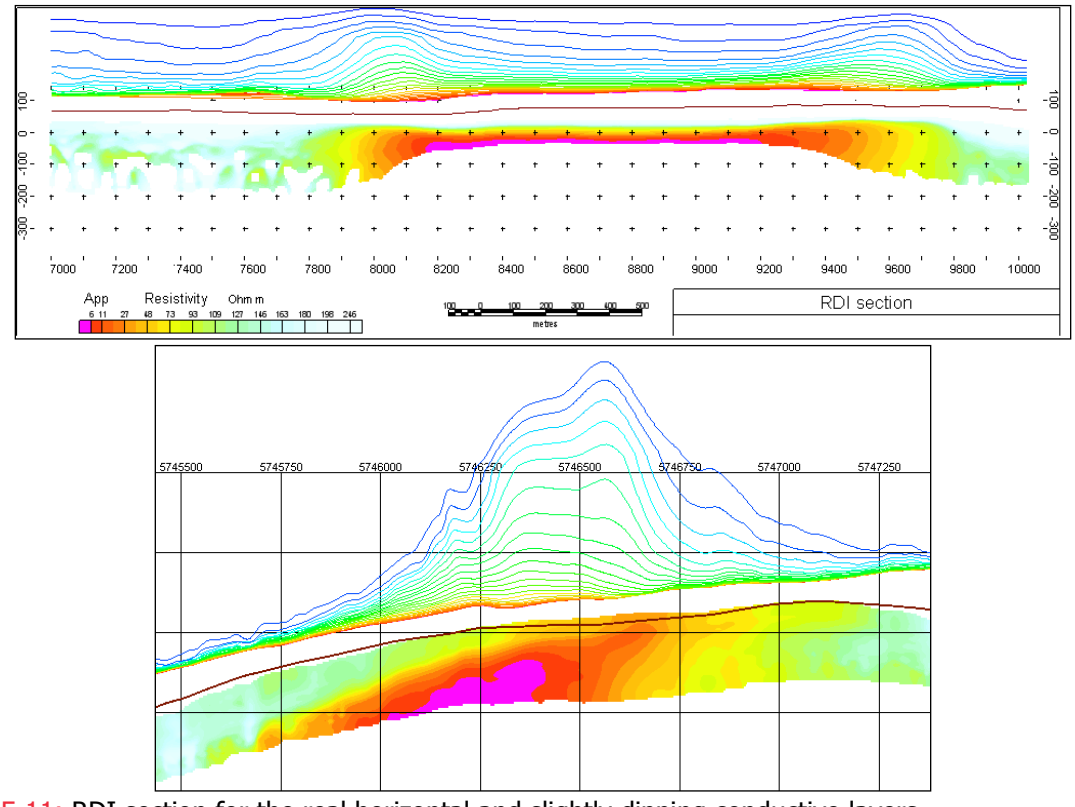
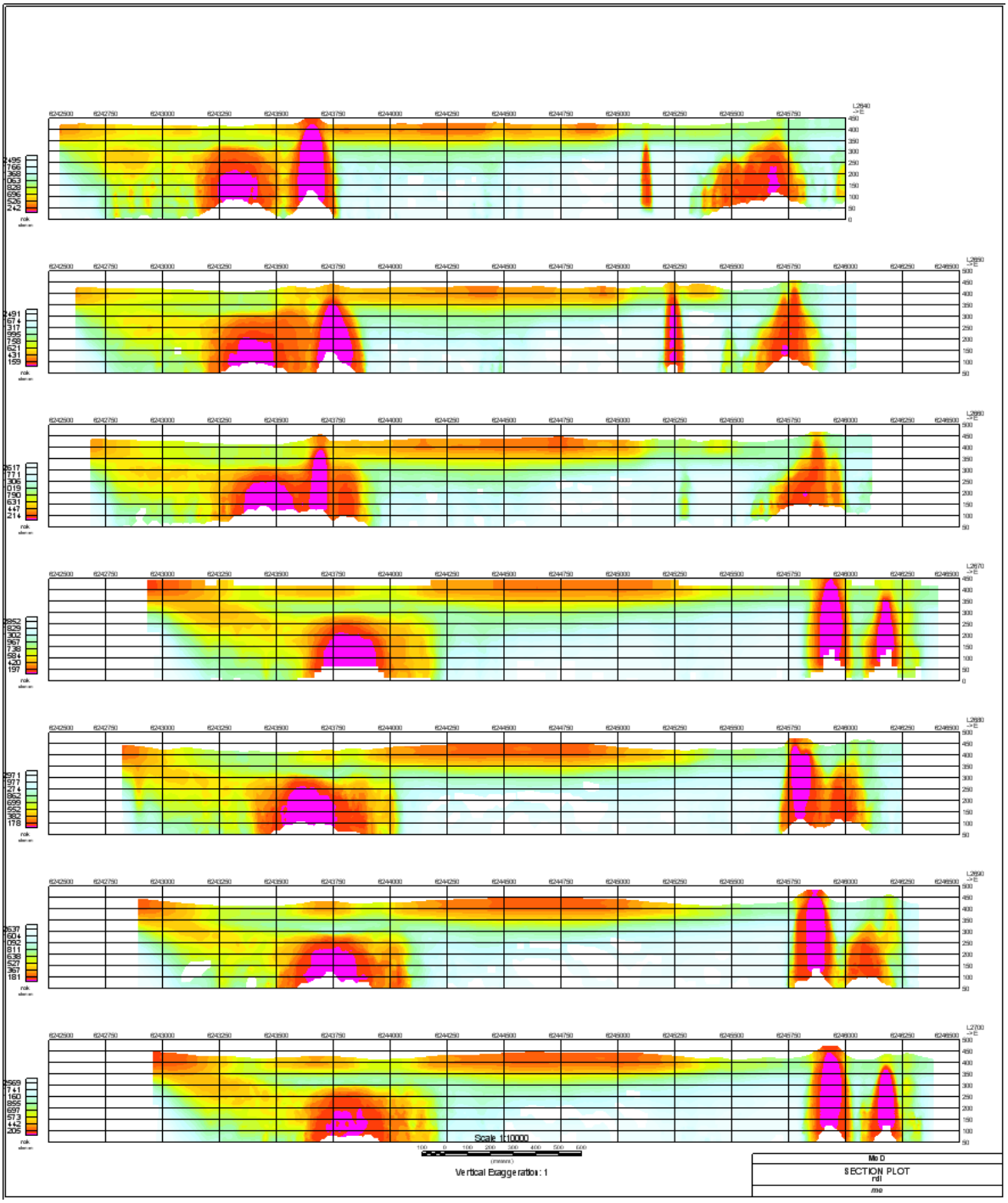


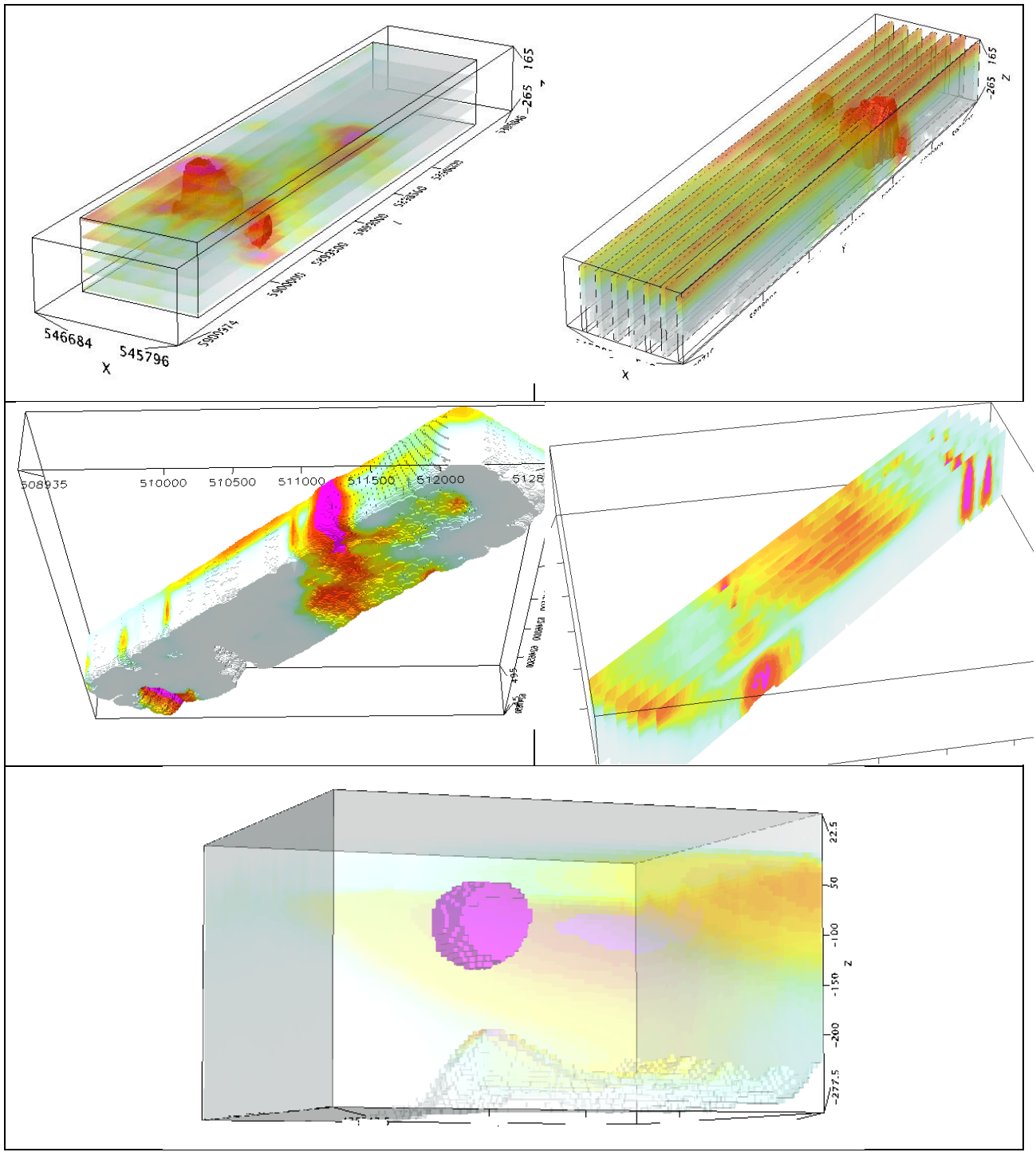
Figure F-11: RDI section for the real horizontal and slightly dipping conductive layers

FORMS OF RDI PRESENTATION

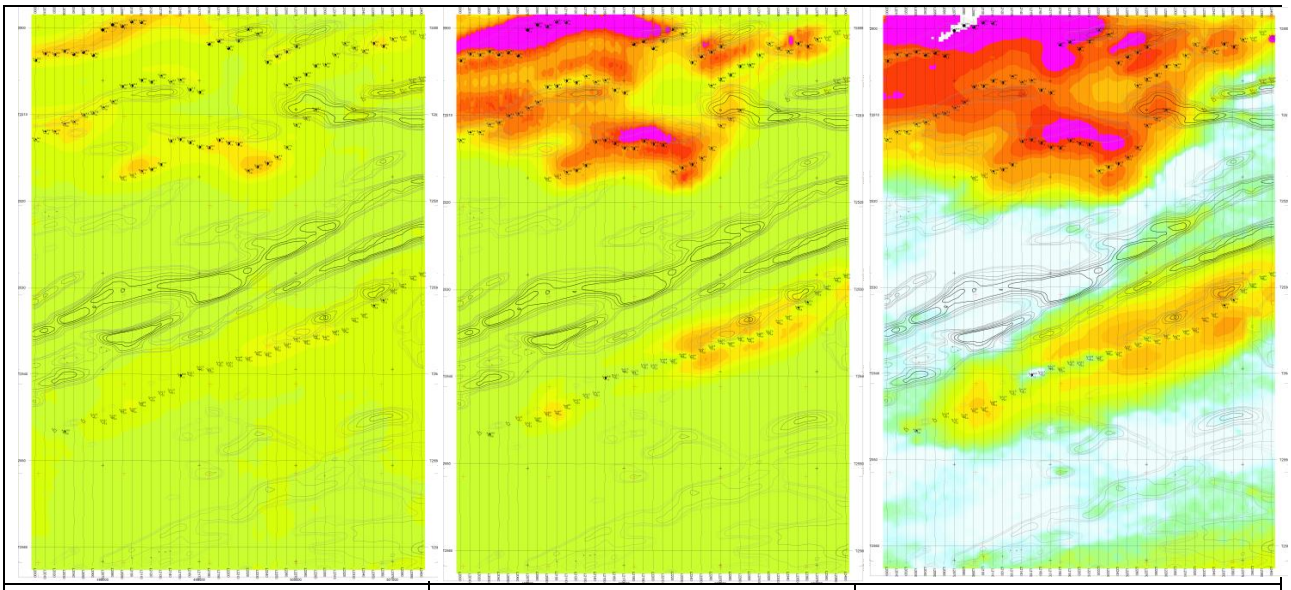
PRESENTATION OF SERIES OF LINES



3D PRESENTATION OF RDIS

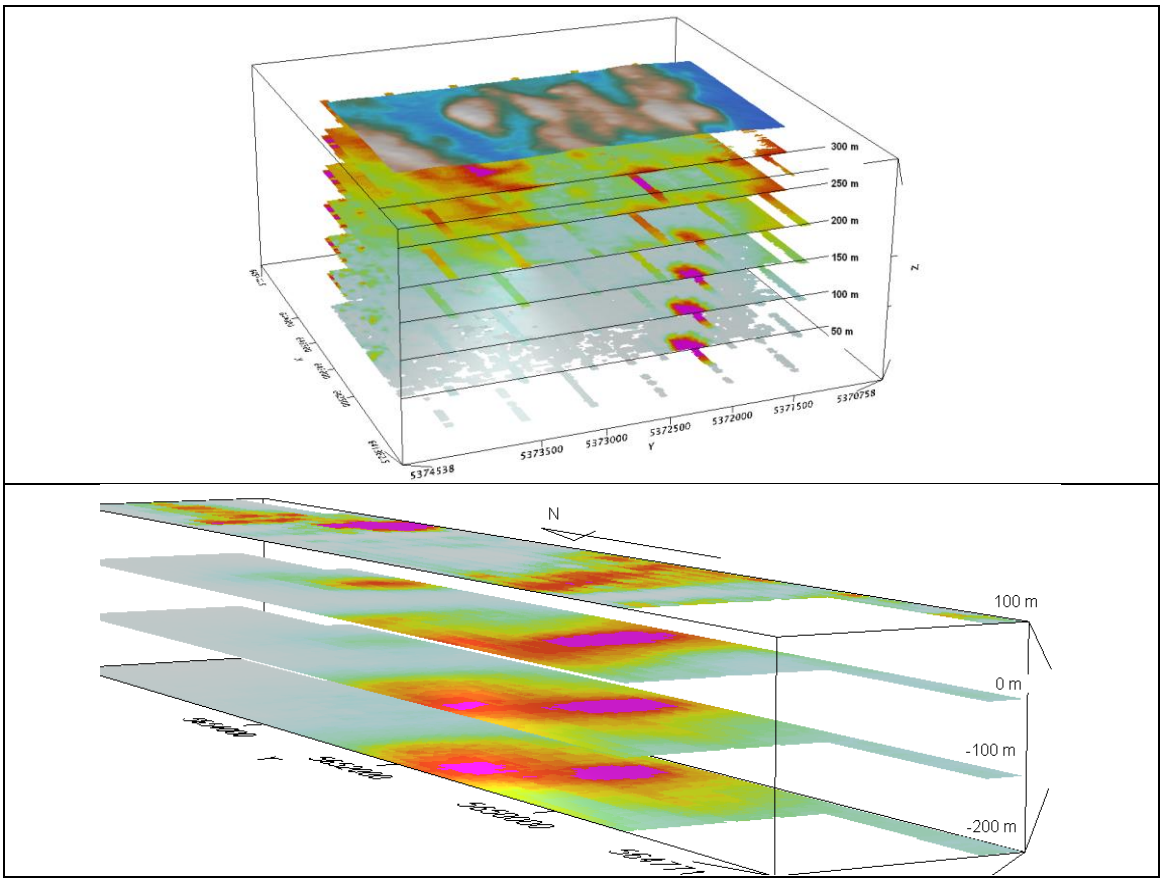


APPARENT RESISTIVITY DEPTH SLICES PLANS:



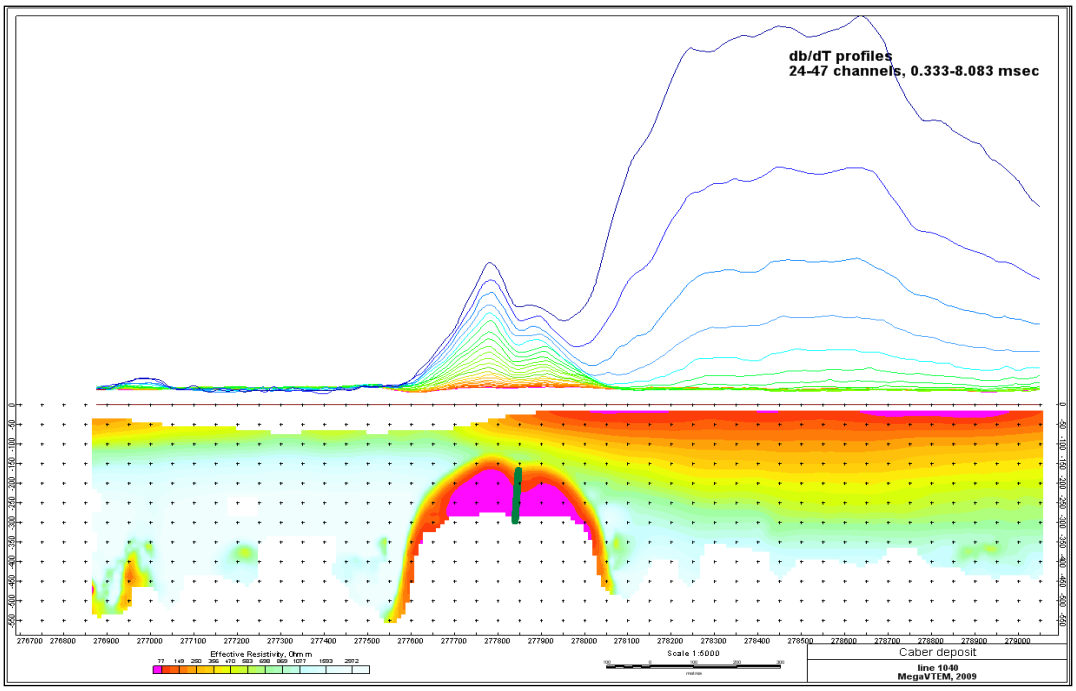
0 m (surface)	-100 m	-200 m

3D VIEWS OF APPARENT RESISTIVITY DEPTH SLICES:

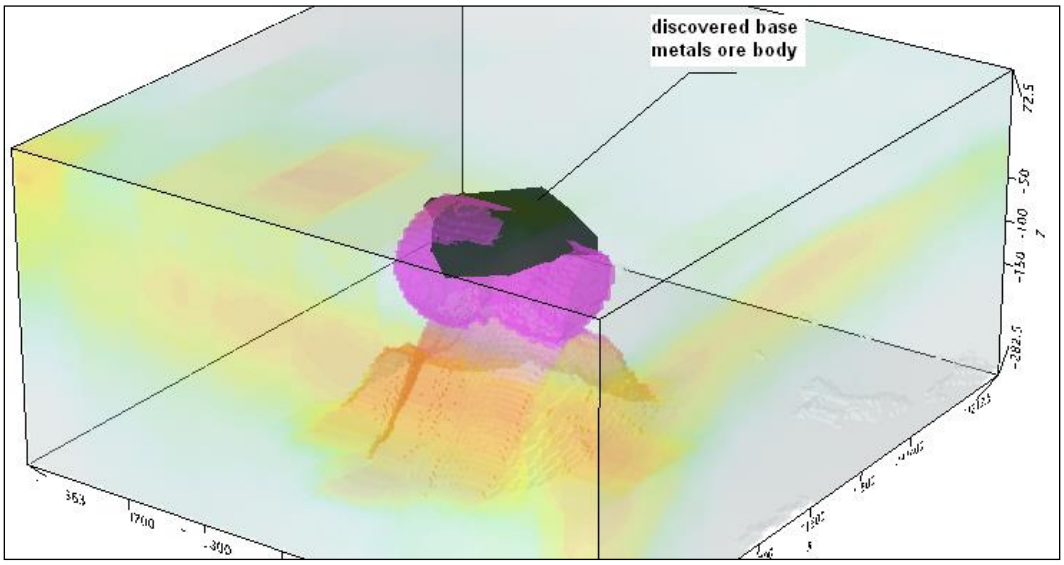


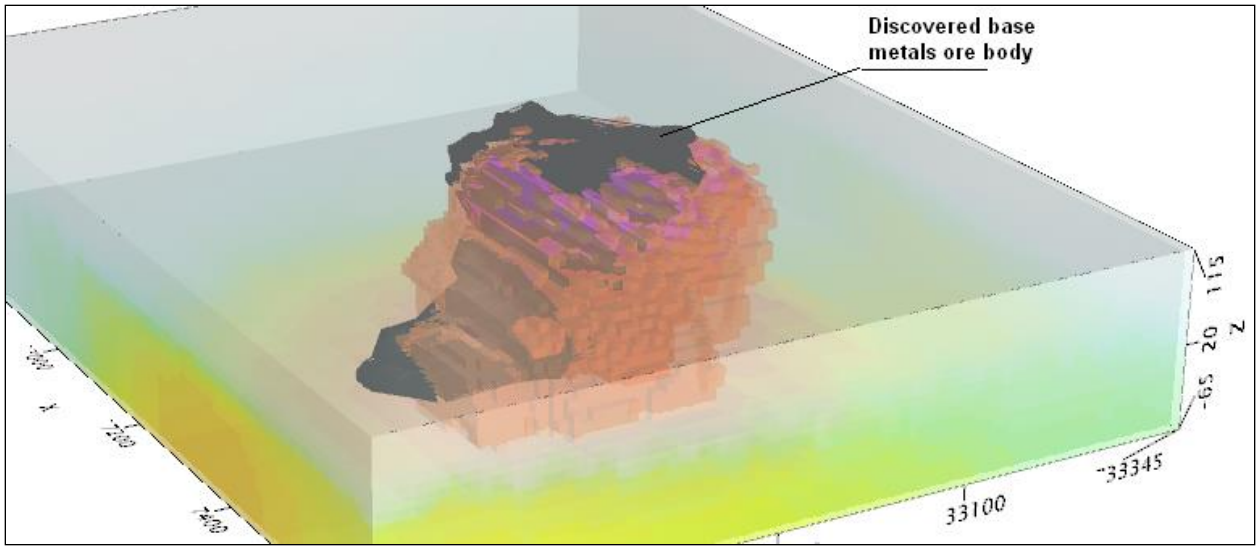
REAL BASE METAL TARGETS IN COMPARISON WITH RDIS:

RDI section of the line over Caber deposit ("thin" subvertical plate target and conductive overburden.



3D RDI VOXELS WITH BASE METALS ORE BODIES (MIDDLE EAST):





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April 2011

APPENDIX G

RESISTIVITY DEPTH IMAGES (RDI)

Please see RDI Folder on DVD for the PDF's

APPENDIX D

DGPS Collar Survey, Drillhole Logs & Striplog Sections, and Geology Map

Jason Borehole DGPS Survey Work

HoleID	East_N83	North_N83	ElevationCGVD28	Azimuth	Dip	Length	Collar_Survey_Date	Accurate_
JS17-001	436799.95	7002593.97	1199.93	15	-52	200.00	20170812	Yes
JS17-002	436891.22	7002572.87	1183.23	12	-59	197.00	20170812	Yes
JS17-003	436755.05	7002786.87	1253.78	190	-71	206.00	20170814	Yes
JS17-004	436515.41	7002740.27	1296.54	25	-69	250.00	20170815	Yes
JS17-005	436604.80	7002683.12	1272.23	22	-60.5	247.70	20170828	Yes
JS17-006	436483.46	7002761.95	1298.52	15	-60	110.00	20170828	Yes
JS17-007	436338.42	7002792.99	1298.54	13	-45	150.00	20170828	Yes
JS75-001	436396.42	7002772.54	1295.52	0	-90	31.09	20170812	Yes
JS75-002	436396.42	7002772.54	1295.52	90	-50	117.35	20170812	Yes
JS75-003	436396.42	7002772.54	1295.52	0	-50	53.64	20170812	Yes
JS75-004	436405.97	7002851.21	1304.83	180	-50	67.67	20170810	Yes
JS75-005	436407.19	7002902.48	1314.95	180	-50	140.82	20170810	Yes
JS75-006	436047.34	7002772.03	1261.88	45	-50	117.65	20170812	Yes
JS75-007	436103.07	7002792.43	1272.12	225	-50	163.98	20170812	Yes
JS76-008	438608.62	7003868.68	1211.40	0	-90	350.82	2007 data	No
JS76-009	436447.44	7002525.41	1248.92	270	-50	18.29	20170828	No
JS76-009A	436447.44	7002525.41	1248.92	270	-50	85.34	20170828	No
JS76-010	436320.68	7002521.99	1246.59	90	-50	133.20	20170810	Not certain
JS76-011	436590.73	7002678.79	1274.28	0	-55	141.73	20170812	Yes
JS76-012	436265.17	7002968.87	1316.04	180	-55	149.96	20170810	Yes
JS76-013	436853.12	7002672.81	1201.34	0	-50	17.68	20170811	Yes
JS76-013A	436853.12	7002672.81	1201.34	0	-50	90.53	20170811	Yes
JS76-014	436852.22	7002626.23	1194.05	0	-53	102.11	2007 data	No
JS76-015	437048.99	7002556.65	1157.96	0	-51	157.28	20170811	Yes, Approx +/-1m
JS76-016	437048.88	7002632.21	1161.28	0	-52	122.22	20170811	Not certain
JS76-017	438480.12	7004050.46	1159.77	0	-90	482.80	2007 data	No
JS76-018	436339.45	7003602.47	1389.06	180	-50	56.69	20170813	Yes, Approx +/-1m
JS76-019	436304.86	7003481.37	1388.45	0	-50	130.45	20170813	Yes
JS76-020	436391.58	7002554.37	1253.55	0	-49.5	121.92	20170810	Yes, Approx +/-1m
JS77-021	436855.25	7002611.66	1193.07	1	-71	171.90	20170811	Yes
JS77-022	436590.46	7002699.99	1275.95	0	-72	263.96	20170812	Yes
JS77-023	436123.75	7002931.45	1290.39	185	-70	128.02	20170812	Yes
JS77-024	436401.17	7002730.28	1293.70	358	-70	294.13	20170812	Yes
JS77-025	436264.94	7002981.15	1316.58	174.25	-71	263.65	2007 data	Yes
JS77-026	436968.90	7002552.69	1168.88	342	-72	283.31	20170811	Yes
JS78-027	436766.33	7002628.59	1213.26	0	-70	221.28	2007 data	No
JS78-028A	437048.75	7002493.67	1155.73	350	-70	367.28	20170811	Yes, Approx +/-1m
JS78-029	436402.29	7002682.47	1286.99	180	-50	91.16	20170812	Yes
JS78-030	436420.00	7002571.39	1261.65	177	-51	257.56	20170810	Yes
JS78-031	436782.71	7002454.34	1186.36	4	-70	619.35	20170811	Yes, Approx +/-1m
JS78-032	436428.73	7002487.83	1240.14	180	-50	121.92	20170810	Yes, Approx +/-1m
JS78-033	436320.68	7002522.00	1246.59	180	-62	154.53	20170810	Possible, not certain
JS78-034	436527.15	7002322.66	1203.34	0	-55	154.23	20170812	Yes
JS78-035	437071.20	7002801.72	1171.46	272	-51	133.20	20170811	Yes
JS78-036	437202.20	7002800.77	1157.63	269	-51	230.12	20170811	Yes
JS78-037	437187.66	7002800.32	1159.16	90	-50	54.86	20170811	Yes
JS78-038	437124.39	7002696.14	1155.46	344	-55	30.48	20170811	Yes
JS78-039	437117.46	7002715.98	1156.61	159	-45	68.58	2007 data	No
JS78-040	437105.59	7002646.73	1155.35	56	-55	97.54	20170811	Yes
JS78-041	436407.82	7002363.92	1212.82	48	-54	144.78	20170811	Yes
JS78-042	436453.59	7002340.61	1208.28	45	-55	143.26	20170811	Yes
JS78-043	436524.10	7002262.91	1194.47	45	-55	192.02	20170812	Yes

JS79-044	436340.15	7002461.24	1234.52	45	-50	60.35	20170811	Yes
JS79-045	436186.80	7002558.77	1242.62	45	-50	149.05	20170828	Yes
JS79-046	437447.05	7000551.15	1203.10	270	-60	277.06	2007 data	No
JS79-047	436125.68	7002693.65	1259.59	223	-50	166.12	20170812	Yes
JS79-048	434780.03	7003316.85	1309.01	225	-55	87.48	20170814	Yes
JS79-049	436046.72	7002984.50	1283.02	200	-57	281.94	20170812	Yes
JS79-050	434674.01	7003166.13	1337.54	45	-55	397.76	20170814	Yes
JS79-051	436367.61	7002308.10	1202.28	32	-60	3.96	20170811	Yes
JS79-051A	436367.61	7002308.10	1202.28	32	-60	305.41	20170811	Yes
JS79-052	435262.89	7003737.50	1372.34	45	-50	209.39	20170814	Yes
JS80-053	436280.63	7002416.66	1222.06	30	-55	309.37	20170811	Yes
JS80-054	436611.54	7002510.84	1215.73	206	-65	386.79	20170723	Yes, approx +/-1m
JS80-055	436200.56	7002782.18	1279.34	225	-65	242.93	20170812	Yes
JS80-056	436688.58	7002619.17	1230.05	228	-70	23.62	20170723	Yes
JS80-056A	436688.58	7002619.17	1230.05	228	-70	647.40	20170723	Yes
JS80-056AW1	436688.58	7002619.17	1230.05	228	-70	679.71	20170723	Yes
JS80-057	436512.14	7001966.82	1158.36	75	-50	17.98	20170814	Not certain
JS80-057A	436512.14	7001966.82	1158.36	60	-50	182.27	20170814	Not certain
JS80-058	434979.09	7004135.64	1450.87	225	-70	170.99	20170814	Yes
JS80-059	433205.45	7004941.39	1407.13	205	-50	153.31	20170813	Yes
JS80-060	433205.45	7004941.39	1407.13	205	-70	242.32	20170813	Yes
JS80-061	436485.24	7002633.13	1276.85	216	-78	203.30	20170812	Yes
JS80-062	433253.90	7004763.69	1373.80	27	-50	135.64	2007 data	No
JS80-063	436401.92	7002765.54	1295.52	183	-72.5	591.62	20170812	Yes
JS80-063W1	436401.92	7002765.54	1295.52	183	-72.5	379.78	20170812	Yes
JS80-063W2	436401.92	7002765.54	1295.52	183	-72.5	561.90	20170812	Yes
JS80-064	433255.48	7004764.92	1373.80	207	-60	206.96	2007 data	No
JS80-065	433317.39	7004879.55	1410.40	210	-71	238.05	20170813	Yes
JS80-066	433459.30	7004539.05	1352.62	31	-55	384.35	20170828	Not certain
JS80-067	433084.24	7004859.78	1375.23	30	-50	99.67	20170813	Yes
JS81-068	436435.45	7002625.30	1276.62	0	-90	971.40	20170812	Yes
JS81-068W1	436435.45	7002625.30	1276.62	0	-90	862.93	20170812	Yes
JS81-068W2	436435.45	7002625.30	1276.62	0	-90	806.81	20170812	Yes
JS81-068W3	436435.45	7002625.30	1276.62	0	-90	726.34	20170812	Yes
JS81-068W4	436435.45	7002625.30	1276.62	0	-90	750.31	20170812	Yes
JS81-068W5	436435.45	7002625.30	1276.62	0	-90	980.54	20170812	Yes
JS81-069	436385.55	7003104.68	1347.29	180	-80	1042.72	20170810	Yes
JS81-070	436467.79	7002729.54	1296.55	171.2	-80.1	847.65	20170812	Yes
JS81-070W1	436467.79	7002729.54	1296.55	171.2	-80.1	910.44	20170812	Yes
JS81-071	436672.83	7002704.01	1252.87	18	-49.5	108.20	20170723	Yes
JS81-072	436672.83	7002704.01	1252.87	18	-75	203.00	20170723	Yes
JS81-073	436658.82	7002627.21	1235.80	20	-69	24.99	20170723	Yes
JS81-074	436658.82	7002627.21	1235.80	18	-69	274.93	20170723	Yes
JS81-075	436660.82	7002625.21	1235.80	18	-82.5	553.83	20170830	Yes
JS81-076	436494.17	7002722.64	1296.69	5	-59	168.25	20170812	Yes
JS81-077	436660.82	7002625.21	1235.80	18	-76	298.09	20170723	Yes
JS81-078	436494.17	7002722.64	1296.69	355	-83	428.55	20170812	Yes
JS81-078W1	436494.17	7002722.64	1296.69	355	-83	181.79	20170812	Yes
JS81-078W2	436494.17	7002722.64	1296.69	355	-83	376.85	20170812	Yes
JS81-079	432916.61	7004870.16	1362.15	210	-60	403.86	20170813	Yes, Approx +/-1m
JS81-080	436776.29	7002679.33	1220.13	15	-83.5	249.02	20170811	Yes
JS81-081	436776.29	7002679.33	1220.13	25	-65	109.73	20170811	Yes
JS81-082	432911.75	7004858.75	1362.85	30	-75	520.29	20170813	Yes
JS81-083	436857.22	7002577.28	1188.57	355	-77	332.23	20170811	Yes

JS81-084	436523.97	7002481.75	1234.46	172	-85.25	621.49	20170830	Yes
JS81-085	436492.17	7002525.00	1246.21	0	-90	324.31	20170828	Not certain
JS81-085W1	436492.17	7002525.00	1246.21	0	-90	620.27	20170828	Not certain
JS81-085W2	436492.17	7002525.00	1246.21	0	-90	669.04	20170828	Not certain
JS82-086	436676.82	7002704.69	1252.44	184.2	-67.98	848.25	20170723	Yes
JS82-086W1	436676.82	7002704.69	1252.44	184.2	-67.98	776.33	20170723	Yes
JS82-087	436411.34	7002727.22	1293.60	167.5	-75.92	758.34	20170812	Yes
JS82-088	436395.43	7002183.16	1185.88	37	-65	467.26	20170830	Yes
JS82-089	436526.49	7002477.86	1234.17	192	-62	347.47	20170830	Yes
JS90-090	437666.50	7000099.03	1311.81	225	-60	166.40	2007 data	No
JS90-091	436538.37	7001950.42	1160.00	135	-60	190.80	2007 data	No
JS90-092	436590.34	7002061.34	1161.01	60	-60	369.70	20170814	Yes
JS90-093	436786.24	7002974.26	1284.46	180	-60	137.20	20170812	Yes
JS90-094	436163.44	7003380.53	1356.53	225	-60	236.50	20170813	Yes
JS90-095	436673.19	7003242.49	1340.00	225	-60	128.30	2007 data	No
JS90-096	436047.60	7004123.02	1475.85	225	-60	181.10	20170813	Yes
JS90-097	435627.19	7003919.58	1474.24	225	-60	203.00	20170813	Yes
JS90-098	435535.50	7003396.36	1305.00	225	-60	125.60	2007 data	No
JS90-099	434341.01	7004346.95	1441.07	225	-60	213.40	20170815	Yes
JS90-100	434147.73	7004404.02	1440.00	225	-60	145.10	2007 data	No
JS90-101	437049.96	7002369.70	1155.00	230	-70	570.60	2007 data	No
JS91-102	432968.67	7005018.61	1375.00	30	-80	336.20	2007 data	No
JS91-103	433957.71	7004418.90	1390.50	45	-60	88.10	20170815	Not certain
JS91-104	435151.83	7004368.16	1553.08	290	-60	294.10	20170814	Yes
JS91-105	435975.04	7001988.43	1240.00	45	-60	102.10	2007 data	No
JS91-106	437536.95	7000918.47	1200.02	240	-60	437.40	2007 data	No
JS91-107	437937.60	7002532.04	1170.00	0	-60	300.30	2007 data	No
JS91-108	437407.61	7001872.04	1150.00	250	-70	711.00	2007 data	No
JS91-109	437529.60	7000736.51	1212.58	250	-60	283.80	2007 data	No

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GeoSpark Logger ~ Strip Log

Project: **FWZ** **Hole Number:** **JS17-001**

Prospect:	Jason	Hole Type:	DDH	Survey Type:	RTK DGPS	Logged By:	JE
Grid:	UTM NAD83 Canada Zone 9	Hole Diameter:		Survey By:	IC	Date Logging Start:	8/2/2017
UTM Easting:	436799.95	Core Size:	HQ	Azimuth:	15	Date Logging Complete:	8/4/2017
UTM Northing:	7002593.968	Casing Pulled?:	NO	Dip:	-52	Drill Company:	NA
UTM Elev. (m):	1199.932	Casing Depth (m):	12	Length (m):	200	Drill Rig:	
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	7/30/2017
Local Northing:		Cemented?:	YES	Core Storage Loc.:		Drill Completed:	8/4/2017
Local Elev. (m):						Purpose:	Metallurgical
Comments:						Parent Hole:	

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
26	-52.2	347.5	20.5	8	EZ Shot	NA	7/31/2017	58964	☑	
56	-52	56	20.5	76.5	EZ Shot	NA	8/1/2017	58720	☑	
86	-51.2	349.9	20.5	10.4	EZ Shot	NA	8/1/2017	58798	☑	
116	-50.9	350.6	20.5	11.1	EZ Shot	NA	8/1/2017	58501	☑	
146	-50.2	352.2	20.5	12.7	EZ Shot	NA	8/2/2017	58669	☑	
176	-50.4	353.6	20.5	14.1	EZ Shot	NA	8/3/2017	58802	☑	
200	-50.4	353	20.5	13.5	EZ Shot	NA	8/4/2017	58830	☑	

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
0.00	**cas**																	
1.00																		
2.00																		
3.00																		
4.00																		
5.00																		
6.00																		
7.00																		
8.00																		
9.00																		
10.00																		
11.00																		

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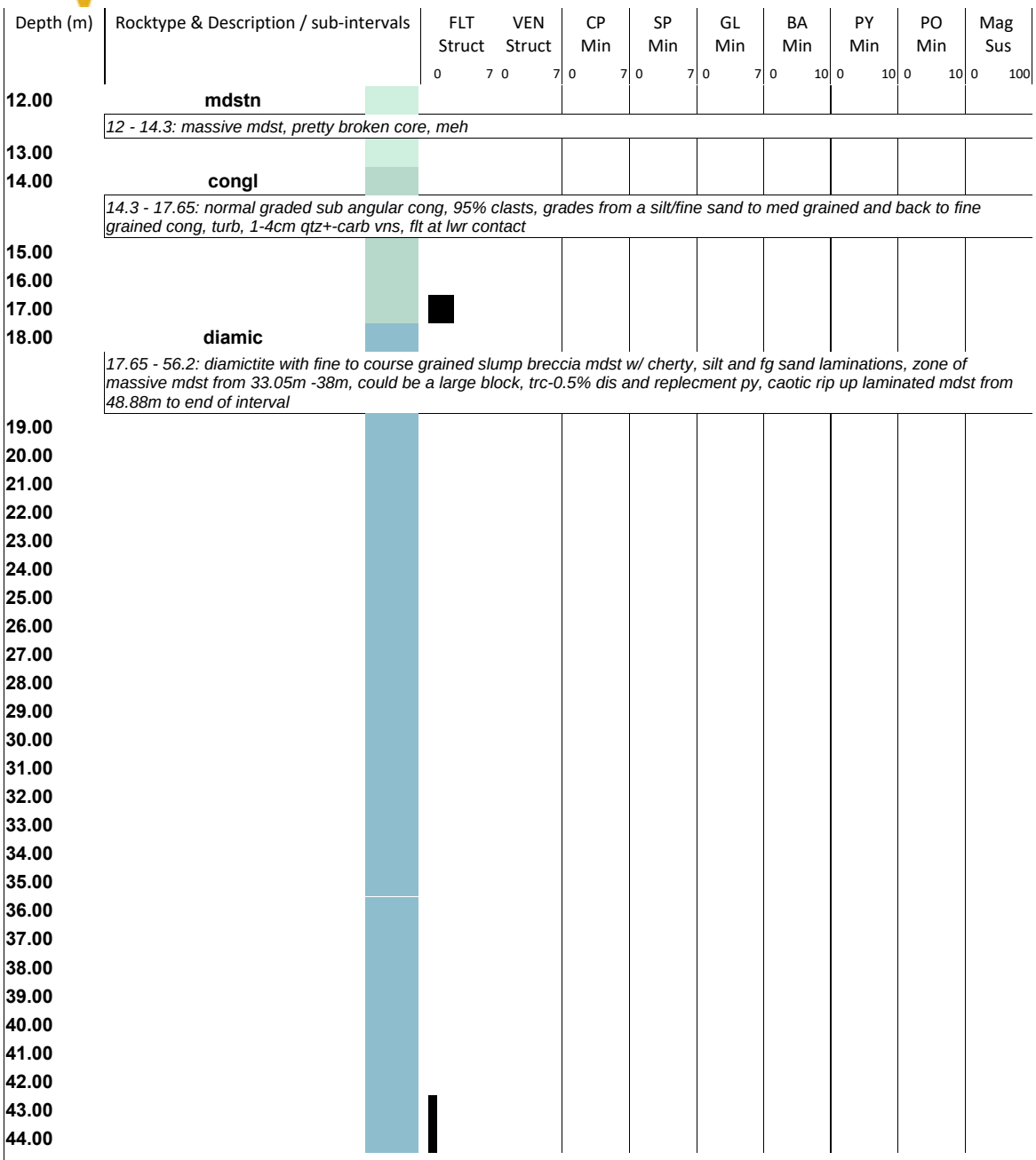
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-001



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GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-001

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
45.00																		
46.00																		
47.00																		
48.00																		
49.00																		
50.00																		
51.00																		
52.00																		
53.00																		
54.00																		
55.00																		
56.00	**mdstn**																	
	56.2 - 84.5: mdst with lam of py silt and fg sdst, mod amnt of lams are brk w/wk shear movement, soft sed def near top and bottom of interval																	
57.00																		
58.00																		
59.00																		
60.00																		
61.00																		
62.00																		
63.00																		
64.00																		
65.00																		
66.00																		
67.00																		
68.00																		
69.00																		
70.00																		
71.00																		
72.00																		
73.00																		
74.00																		
75.00																		
76.00																		
77.00																		
78.00																		
79.00																		
80.00																		

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GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-001

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
81.00																		
82.00																		
83.00																		
84.00																		
85.00	**congl**																	
	84.5 - 102.4: mnr mdst and poorly sorted sub andgular cong with clasts upto 10cm to fg, cherty and mud clasts, some grading from 95-99m suggests tops are up																	
86.00																		
87.00																		
88.00																		
89.00																		
90.00																		
91.00																		
92.00																		
93.00																		
94.00																		
95.00																		
96.00																		
97.00																		
98.00																		
99.00																		
100.00																		
101.00																		
102.00	**diamic**																	
	102.4 - 111.8: dia with mnr zones of cong, mainly mudst w/mnr replacment py																	
103.00																		
104.00																		
105.00																		
106.00																		
107.00																		
108.00																		
109.00																		
110.00																		
111.00																		
112.00	**mdstn**																	
	111.8 - 137: mas mdst with wk lams of silt and py, mnr cong beds 5-15cm thick, several fault zones throughout, tr qtz+-carb vns 0.5-2cm wide																	
113.00																		
114.00																		

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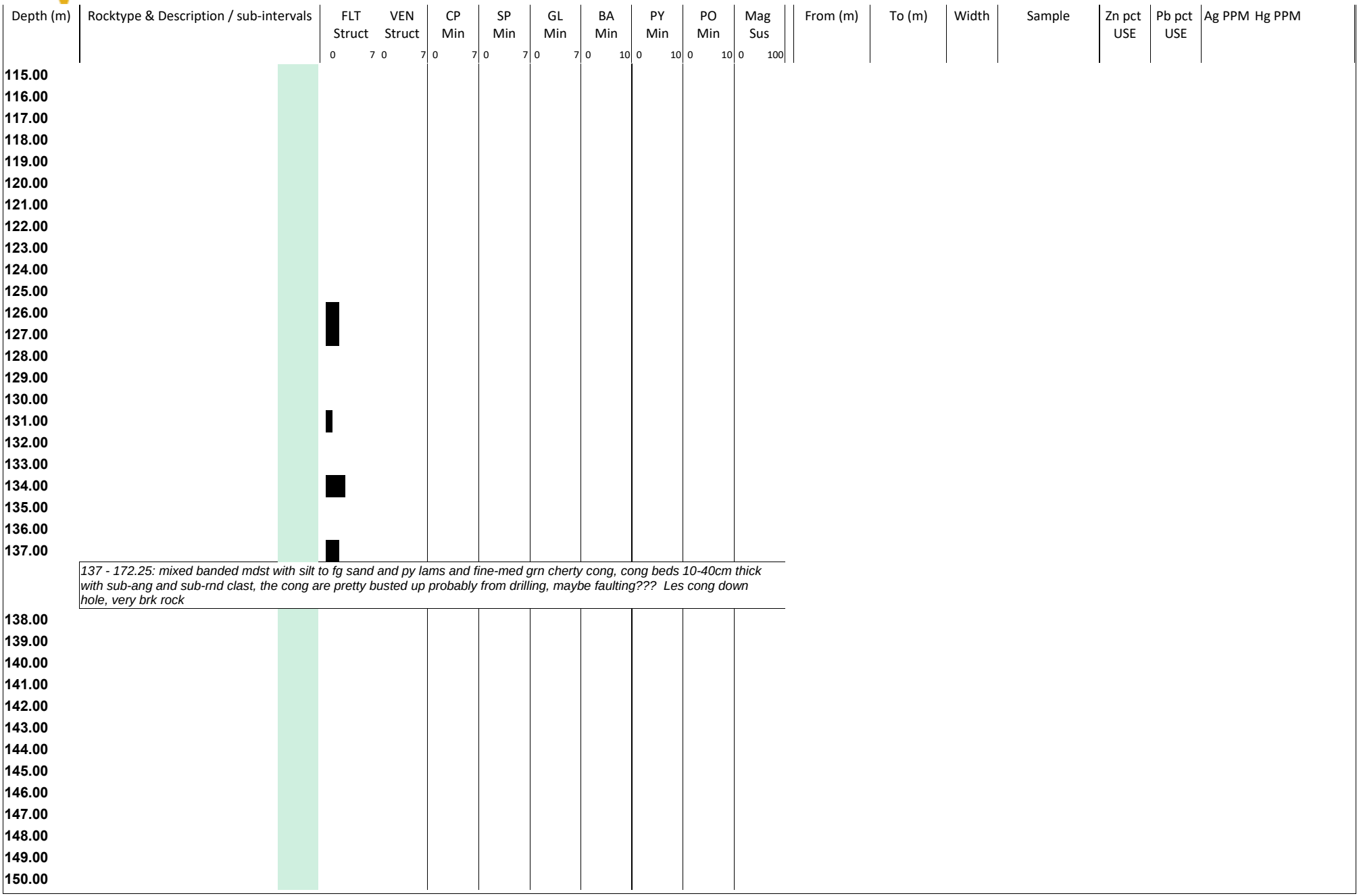
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-001



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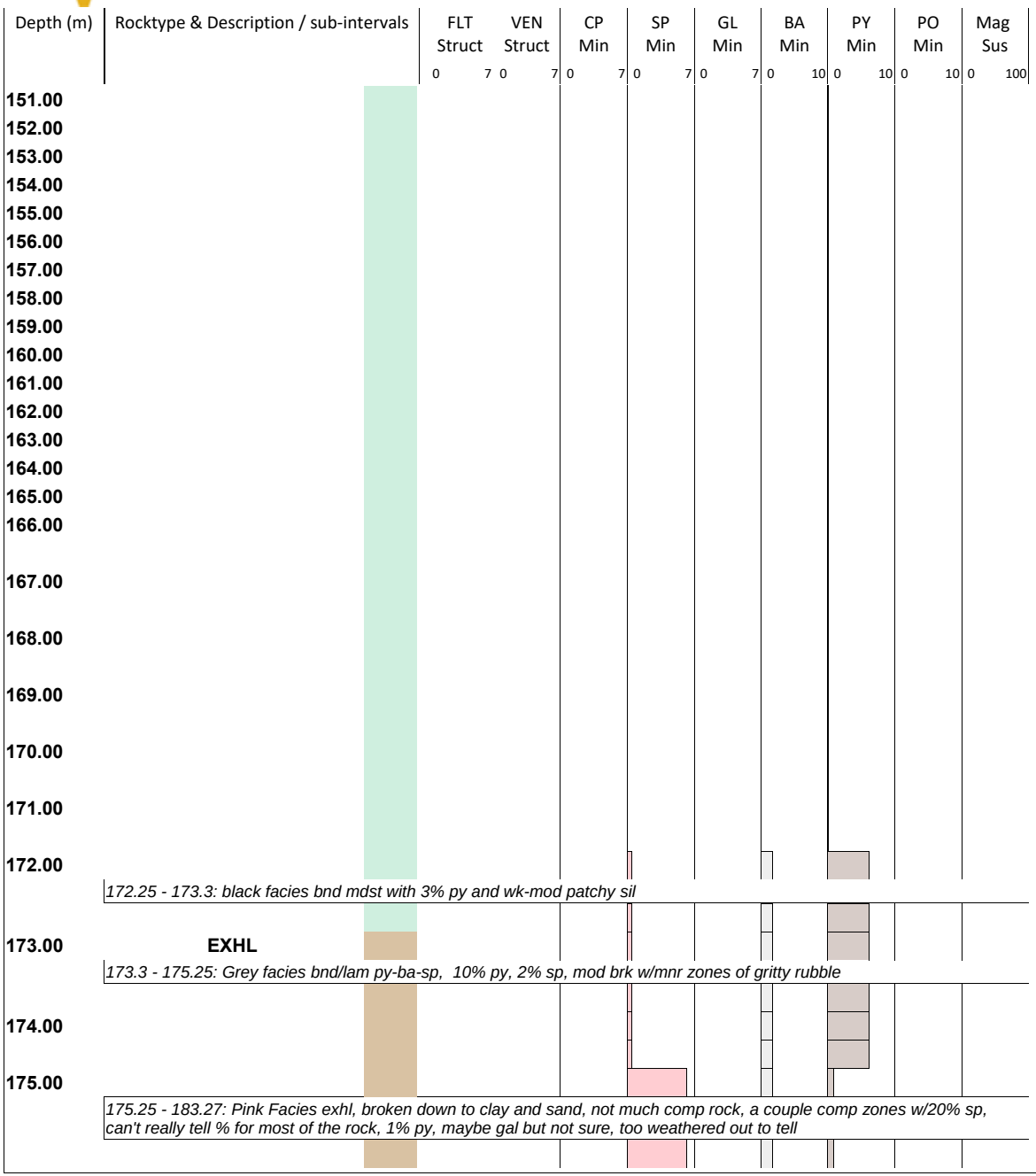
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-001



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
165.30	166.29	0.99	1906549	0.016	0.01	0.6	0.09
166.29	167.30	1.01	1906551	0.216	0.013	0.5	0.34
167.30	168.30	1.00	1906552	0.106	0.012	-0.5	0.13
168.30	169.30	1.00	1906553	0.076	0.015	0.6	0.16
169.30	170.30	1.00	1906554	0.735	0.014	-0.5	0.29
170.30	171.30	1.00	1906555	1.406	0.13	0.8	2.06
171.30	172.30	1.00	1906556	1.283	0.086	-0.5	2.2
172.30	173.30	1.00	1906557	4.825	0.568	0.9	10.05
173.30	174.30	1.00	1906558	10.162	2.752	1.6	23.24
174.30	175.25	0.95	1906559	10.965	1.965	-0.5	3.11
175.25	176.00	0.75	1906561	13.4	2.793	0.5	1.26

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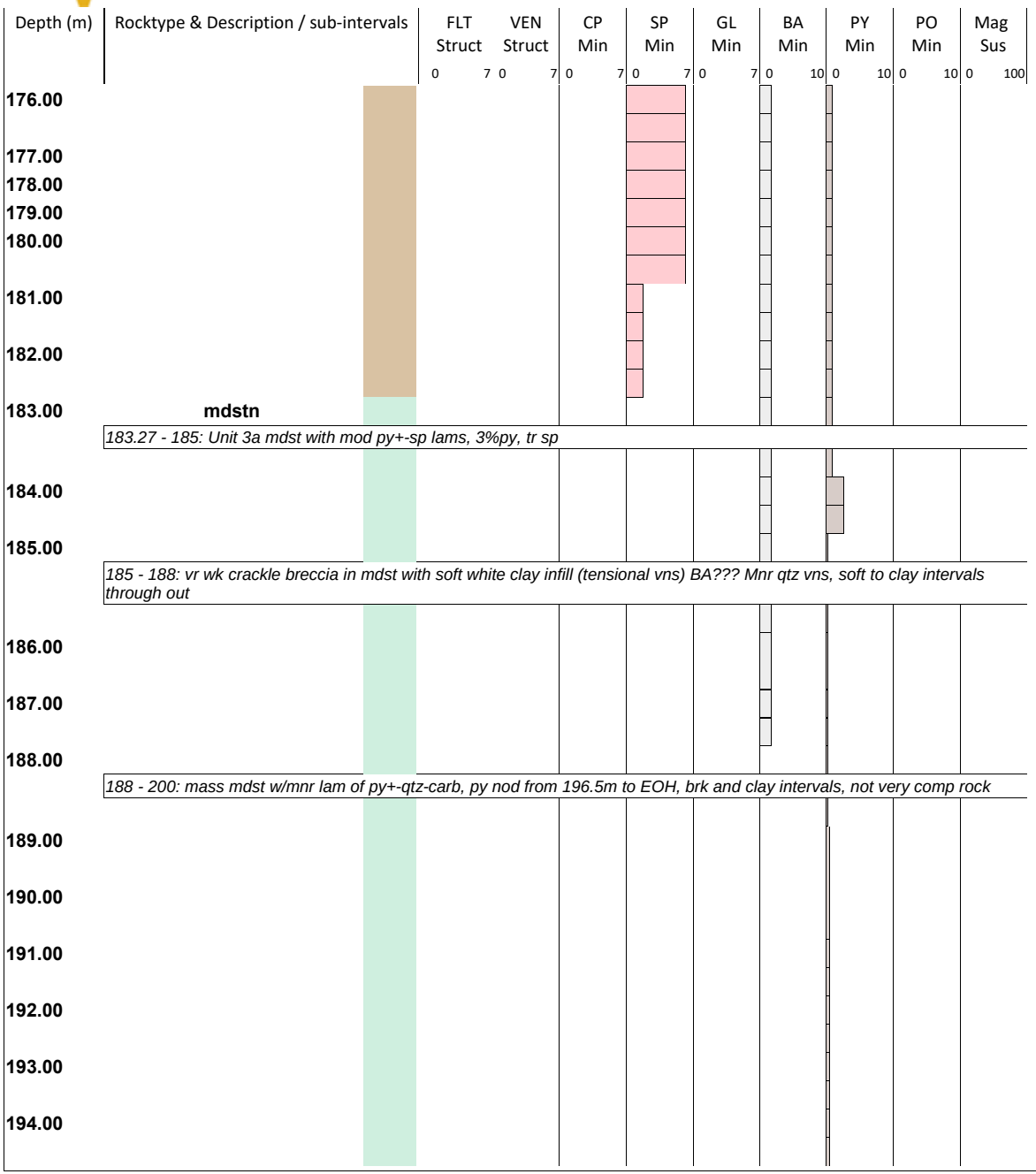
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-001



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
176.00	176.50	0.50	1906562	21.41	5.7	0.8	0.64
176.50	177.00	0.50	1906563	18.68	5.13	0.9	0.63
177.00	178.00	1.00	1906564	11.52	4.47	1	9.72
178.00	179.00	1.00	1906565	20.27	4.93	0.9	2.66
179.00	180.00	1.00	1906566	12.118	2.567	1.4	18.91
180.00	180.70	0.70	1906567	6.019	2.872	1.7	3.6
180.70	181.50	0.80	1906569	12.257	2.188	2.8	76.12
181.50	182.00	0.50	1906571	13.487	3.332	4.1	92.37
182.00	182.60	0.60	1906572	14.88	4.53	4.5	59.9
182.60	183.26	0.66	1906573	6.288	2.247	3.7	37.7
183.26	184.23	0.97	1906574	1.021	0.065	-0.5	3.18
184.23	185.10	0.87	1906575	0.146	0.018	0.5	1.23
185.10	186.10	1.00	1906576	0.206	0.031	0.7	1.41
186.10	187.10	1.00	1906577	0.024	0.009	0.7	0.52
187.10	188.10	1.00	1906578	0.033	0.013	0.7	0.49
188.10	189.10	1.00	1906579	0.089	0.007	0.6	0.6
189.10	190.10	1.00	1906581	0.027	0.005	0.6	0.31
190.10	191.30	1.20	1906582	0.009	0.009	0.9	0.32
191.30	192.20	0.90	1906583	0.01	0.01	0.8	0.31
192.20	193.20	1.00	1906584	0.095	0.049	0.8	0.36
193.20	194.20	1.00	1906585	0.006	0.007	0.7	0.39
194.20	195.15	0.95	1906586	0.005	0.008	0.9	0.32

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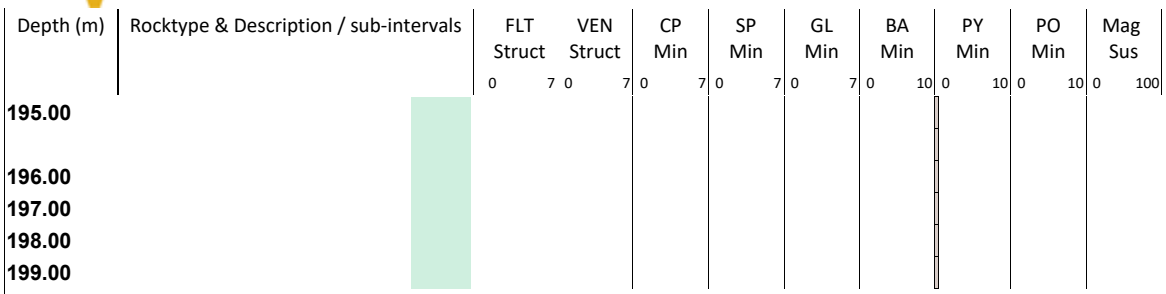
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-001



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
195.15	196.15	1.00	1906587	0.003	0.007	1	0.27

End of Hole @ 200

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GeoSpark Logger ~ Strip Log

Project: **FWZ** **Hole Number:** **JS17-002**

Prospect:	Jason	Hole Type:	DDH	Survey Type:	RTK DGPS	Logged By:	IC
Grid:	UTM NAD83 Canada Zone 9	Hole Diameter:		Survey By:	IC	Date Logging Start:	8/6/2017
UTM Easting:	436891.22	Core Size:	HQ	Azimuth:	12	Date Logging Complete:	8/8/2017
UTM Northing:	7002572.87	Casing Pulled?:	NO	Dip:	-59	Drill Company:	NA
UTM Elev. (m):	1183.23	Casing Depth (m):	18	Length (m):	197	Drill Rig:	
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/4/2017
Local Northing:		Cemented?:	YES	Core Storage Loc.:		Drill Completed:	8/8/2017
Local Elev. (m):						Purpose:	Exploration
Comments:						Parent Hole:	

Ore zone intersected deeper than expected. Ore body offset likely not as pronounced as modelled.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
17	-58.5	351.8	20.5	12.3	EZ Shot		8/4/2017	59442	☑	
44	-56	352.7	20.5	13.2	EZ Shot		8/5/2017	59036	☑	
74	-54.5	354.8	20.5	15.3	EZ Shot		8/5/2017	58869	☑	
104	-54.2	355.7	20.5	16.2	EZ Shot		8/6/2017	59052	☑	
134	-53.7	356.6	20.5	17.1	EZ Shot		8/7/2017	58805	☑	
164	-53.4	358	20.5	18.5	EZ Shot		8/7/2017	58815	☑	
194	-53.4	357.8	20.5	18.3	EZ Shot		8/8/2017	58915	☑	

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
0.00	**cas**																	
	0 - 18: Casing advanced through layers of mud and cobble to boulder sized clasts in overburden																	
1.00																		
2.00																		
3.00																		
4.00																		
5.00																		
6.00																		
7.00																		
8.00																		
9.00																		

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-002

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
10.00																		
11.00																		
12.00																		
13.00																		
14.00																		
15.00																		
16.00																		
17.00																		
18.00	**diamic**																	
	18 - 114.8: Diamictite of variable composition. Clasts range in size from pebble to boulder and comprise cherty, mudstone, and conglomerate compositions. Rare pyrite replacement of some clasts. Angular to rounded.																	
19.00																		
20.00																		
21.00																		
22.00																		
23.00																		
24.00																		
25.00																		
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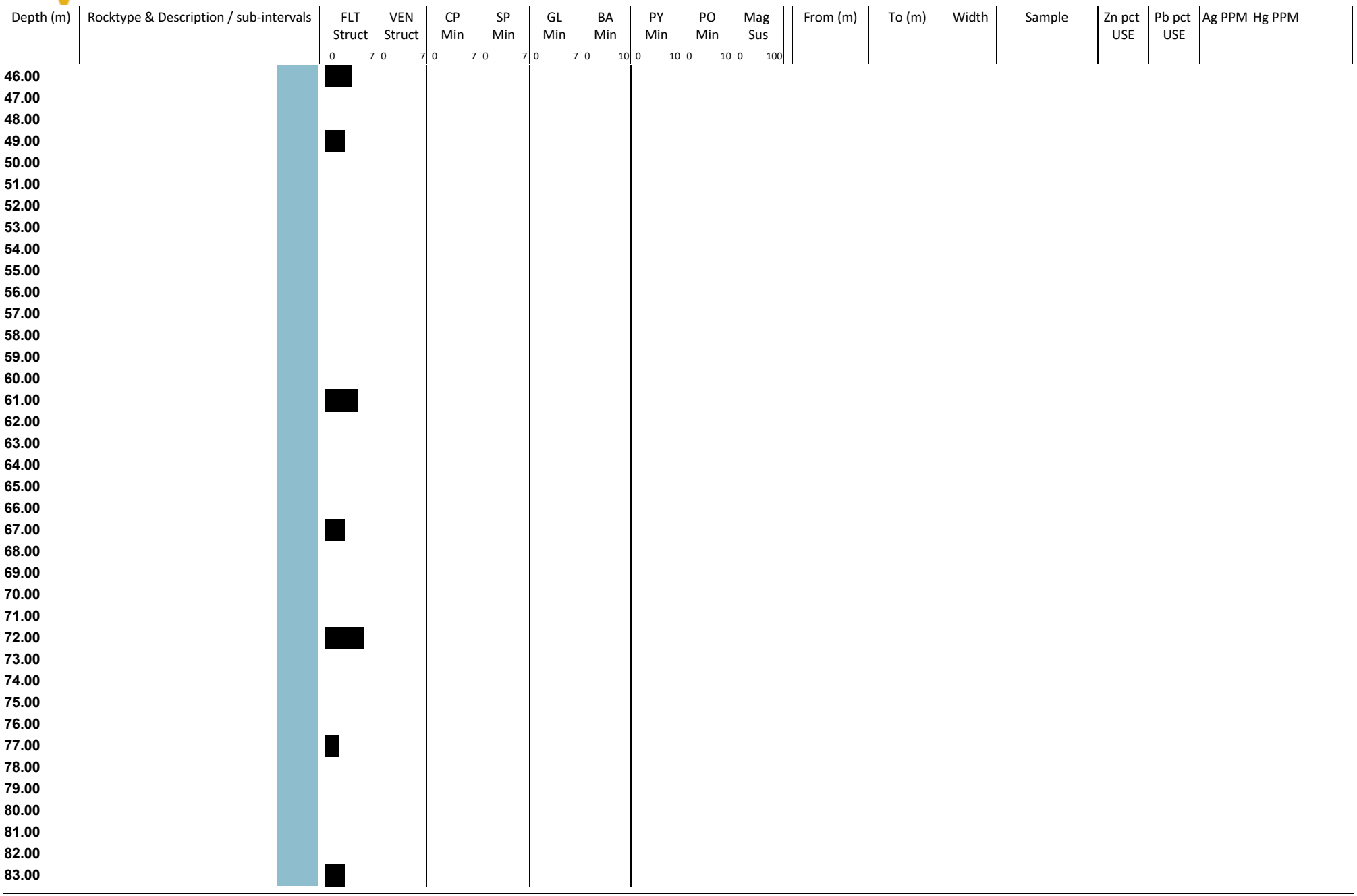
41.00																		
42.00																		
43.00																		
44.00																		
45.00																		

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

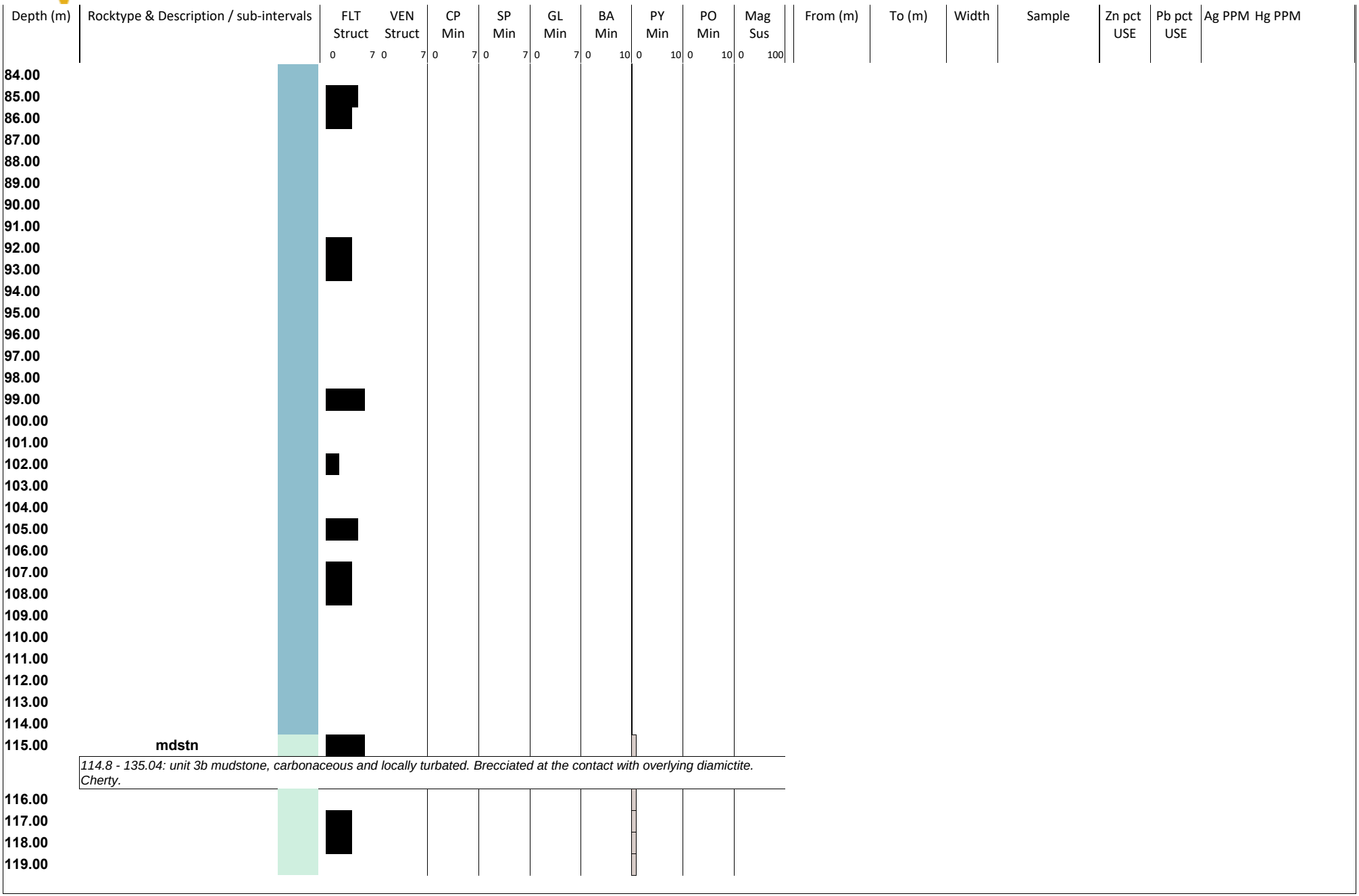
Project: FWZ **Hole Number:** JS17-002



EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

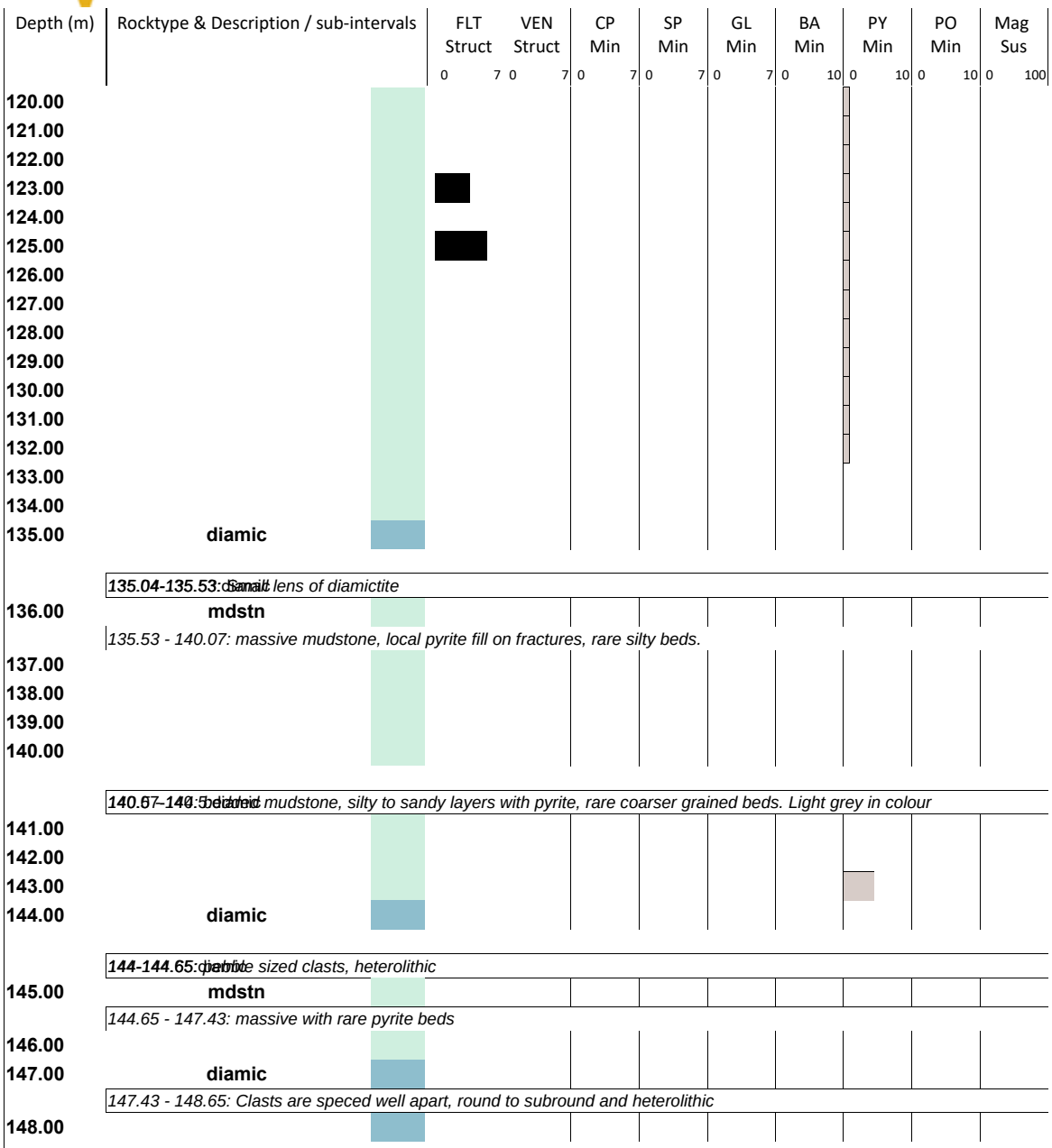
Project: FWZ **Hole Number:** JS17-002



EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-002

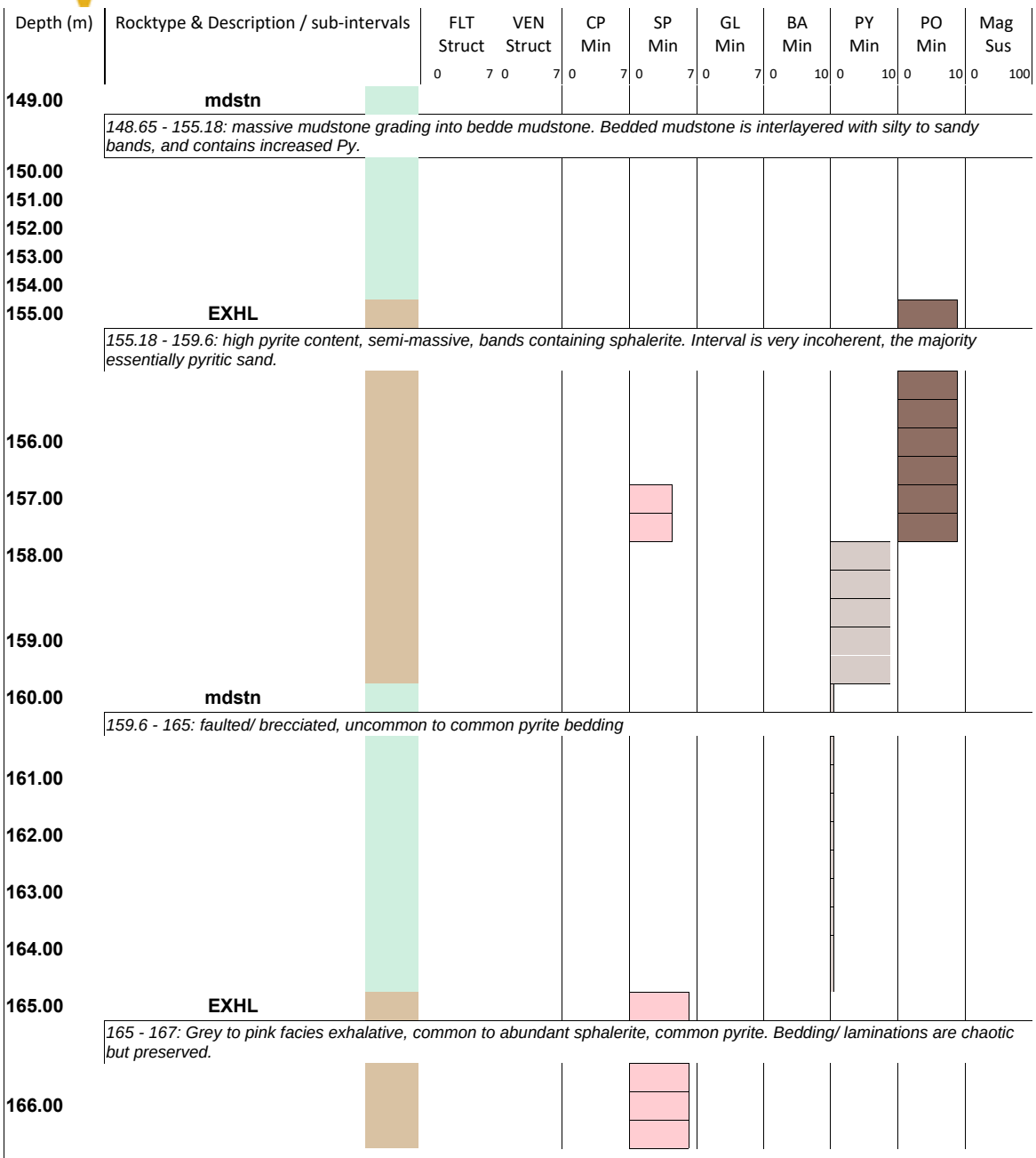


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
129.80	131.20	1.40	1906589	0.015	0.008	0.6	0.2
142.69	143.73	1.04	1906591	0.098	0.007	-0.5	0.11

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-002

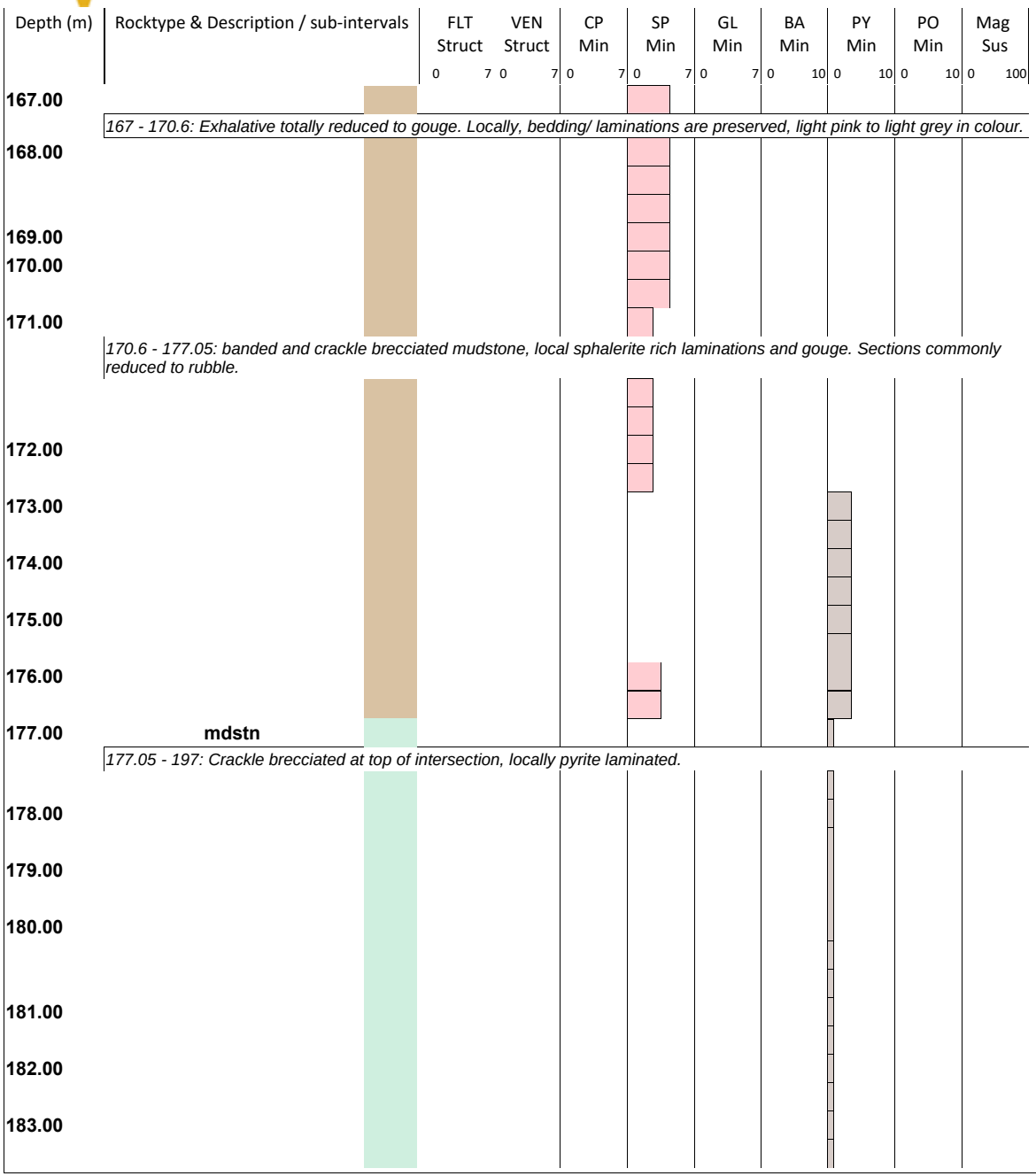


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
150.00	151.00	1.00	1906592	0.046	0.013	-0.5	0.16
151.00	152.00	1.00	1906593	0.068	0.037	-0.5	0.25
152.00	153.00	1.00	1906594	0.176	0.04	-0.5	0.47
153.00	154.00	1.00	1906595	0.667	0.134	0.9	1.75
154.00	155.18	1.18	1906596	0.533	0.087	0.5	1.31
155.18	155.55	0.37	1906597	10.27	1.64	5.3	25.93
155.55	156.25	0.70	1906598	8.99	1.26	2.5	21.37
156.25	157.61	1.36	1906599	11.51	2.24	3.5	35.14
157.61	158.05	0.44	1906601	10.18	1.8	1.6	31.29
158.05	158.45	0.40	1906602	10.06	1.61	2	31.68
158.45	159.50	1.05	1906604	9.75	2.51	3	33.13
159.50	160.50	1.00	1906605	1.401	0.15	0.5	3.94
160.50	161.25	0.75	1906606	0.357	0.021	0.6	0.92
161.25	162.25	1.00	1906607	0.556	0.03	-0.5	0.82
162.25	163.25	1.00	1906608	0.416	0.013	-0.5	0.66
163.25	164.35	1.10	1906609	0.352	0.016	-0.5	0.6
164.35	165.00	0.65	1906611	2.921	0.289	0.9	7.33
165.00	165.54	0.54	1906612	9.19	1.76	2.2	27.61
165.54	166.73	1.19	1906613	8.86	1.87	1.1	13.74

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-002



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
166.73	168.10	1.37	1906614	12.07	2.39	0.8	0.32
168.10	168.62	0.52	1906615	16.62	2.07	1.2	0.48
168.62	170.00	1.38	1906616	11.2	1.97	0.9	1.02
170.00	170.60	0.60	1906617	11.9	3.2	0.9	1.87
170.60	171.05	0.45	1906618	3.031	1.764	0.6	3.61
171.05	171.86	0.81	1906619	12.17	0.882	1.3	43.33
171.86	172.76	0.90	1906621	12.95	0.94	1.8	59.67
172.76	173.20	0.44	1906622	1.079	0.099	0.7	9.09
173.20	174.00	0.80	1906623	2.003	0.084	0.9	18.59
174.00	174.65	0.65	1906624	1.84	0.055	0.7	16.86
174.65	175.85	1.20	1906625	5.738	0.176	1.2	47.38
175.85	176.60	0.75	1906626	4.568	0.059	1.8	33.89
176.60	177.00	0.40	1906627	7.7	0.086	1	55.83
177.00	177.70	0.70	1906628	2.832	0.043	1.3	14.11
177.70	178.70	1.00	1906629	0.609	0.046	1.5	4.14
178.70	179.70	1.00	1906632	0.858	0.047	1.5	4.62
179.70	180.05	0.35	1906633	1.027	0.176	2	5.54
180.05	180.60	0.55	1906634	3.772	0.054	1.3	18.23
180.60	181.60	1.00	1906635	1.101	0.049	1.5	5.62
181.60	182.60	1.00	1906636	1.341	0.074	1.8	6.15
182.60	183.60	1.00	1906637	1.202	0.066	1.9	5.58

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GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-002

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
184.00											183.60	184.60	1.00	1906638	0.842	0.034	1.3	3.86
185.00																		
186.00																		
187.00																		
188.00																		
189.00																		
190.00																		
191.00																		
192.00																		
193.00																		
194.00											194.00	195.50	1.50	1906639	0.003	0.009	0.8	0.4
195.00																		
196.00											195.50	197.00	1.50	1906641	0.002	0.016	1	0.33

End of Hole @ 197

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GeoSpark Logger ~ Strip Log

Project: **FWZ** **Hole Number:** **JS17-003**

Prospect:	Jason	Hole Type:	DDH	Survey Type:	RTK DGPS	Logged By:	IC
Grid:	UTM NAD83 Canada Zone 9	Hole Diameter:		Survey By:	MJ	Date Logging Start:	8/10/2017
UTM Easting:	436755.05	Core Size:	HQ	Azimuth:	190	Date Logging Complete:	8/15/2017
UTM Northing:	7002786.87	Casing Pulled?:	NO	Dip:	-71	Drill Company:	NA
UTM Elev. (m):	1253.778	Casing Depth (m):	12	Length (m):	206	Drill Rig:	
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/8/2017
Local Northing:		Cemented?:	YES	Core Storage Loc.:		Drill Completed:	8/14/2017
Local Elev. (m):						Purpose:	Metallurgical
Comments:						Parent Hole:	

Early deflection in overburden.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
20	-71.3	161.3	20.5	181.8	EZ Shot		8/9/2017	59247	☑	
41	-70.9	159.3	20.5	179.8	EZ Shot		8/10/2017	58907	☑	
71	-71.3	158.1	20.5	178.6	EZ Shot		8/10/2017	58905	☑	
101	-71.4	158.9	20.5	179.4	EZ Shot		8/11/2017	59012	☑	
131	-71.5	158.6	20.5	179.1	EZ Shot		8/11/2017	58874	☑	
161	-71.4	159.2	20.5	179.7	EZ Shot		8/12/2017	59052	☑	
191	-71.5	159.5	20.5	180	EZ Shot		8/12/2017	58827	☑	

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100
0.00	**cas**									
	0 - 18.9: Overburden									
1.00										
2.00										
3.00										
4.00										
5.00										
6.00										
7.00										
8.00										
9.00										

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM

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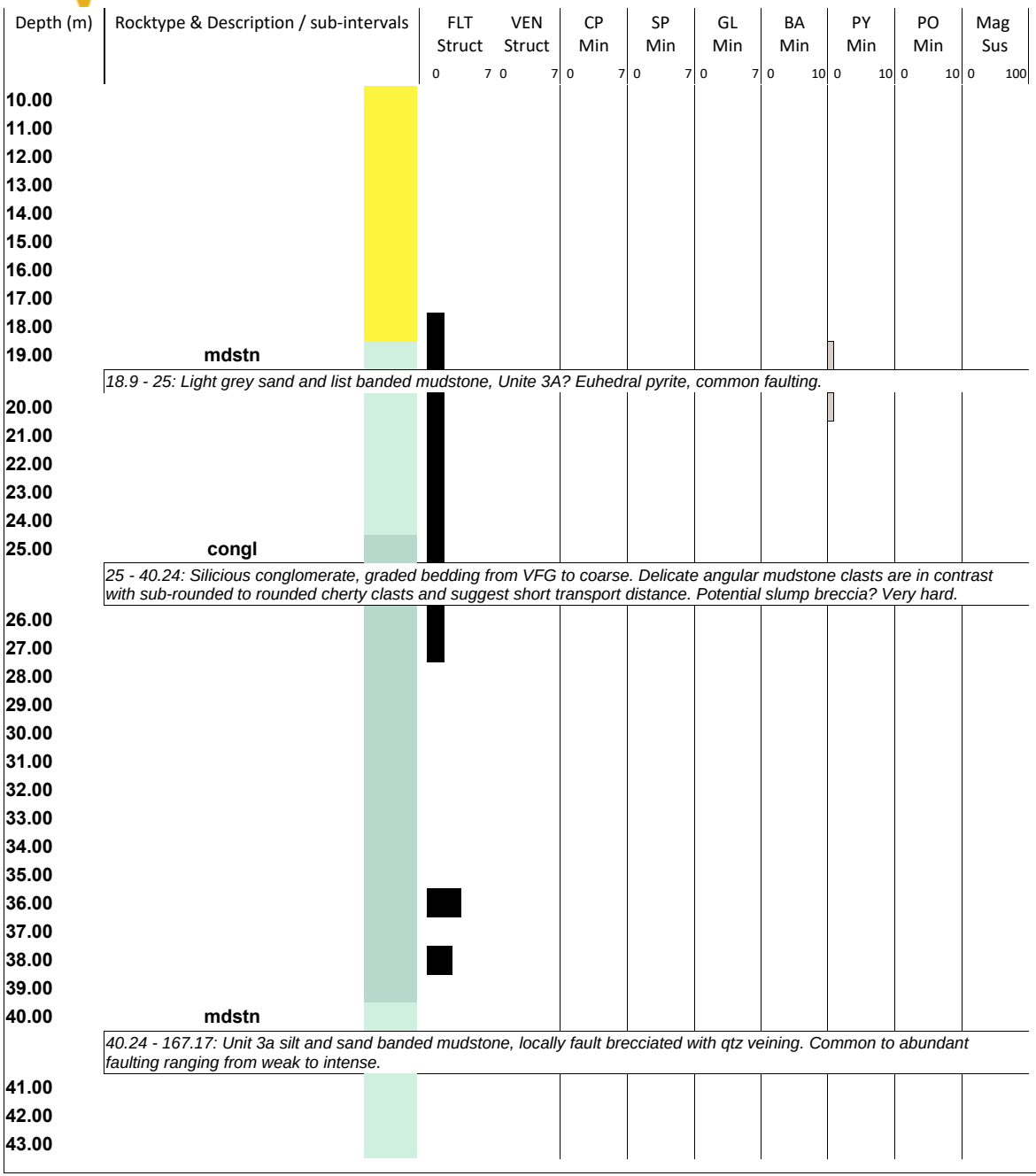
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-003



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
41.67	42.30	0.63	1906642	0.01	0.023	2.4	0.41

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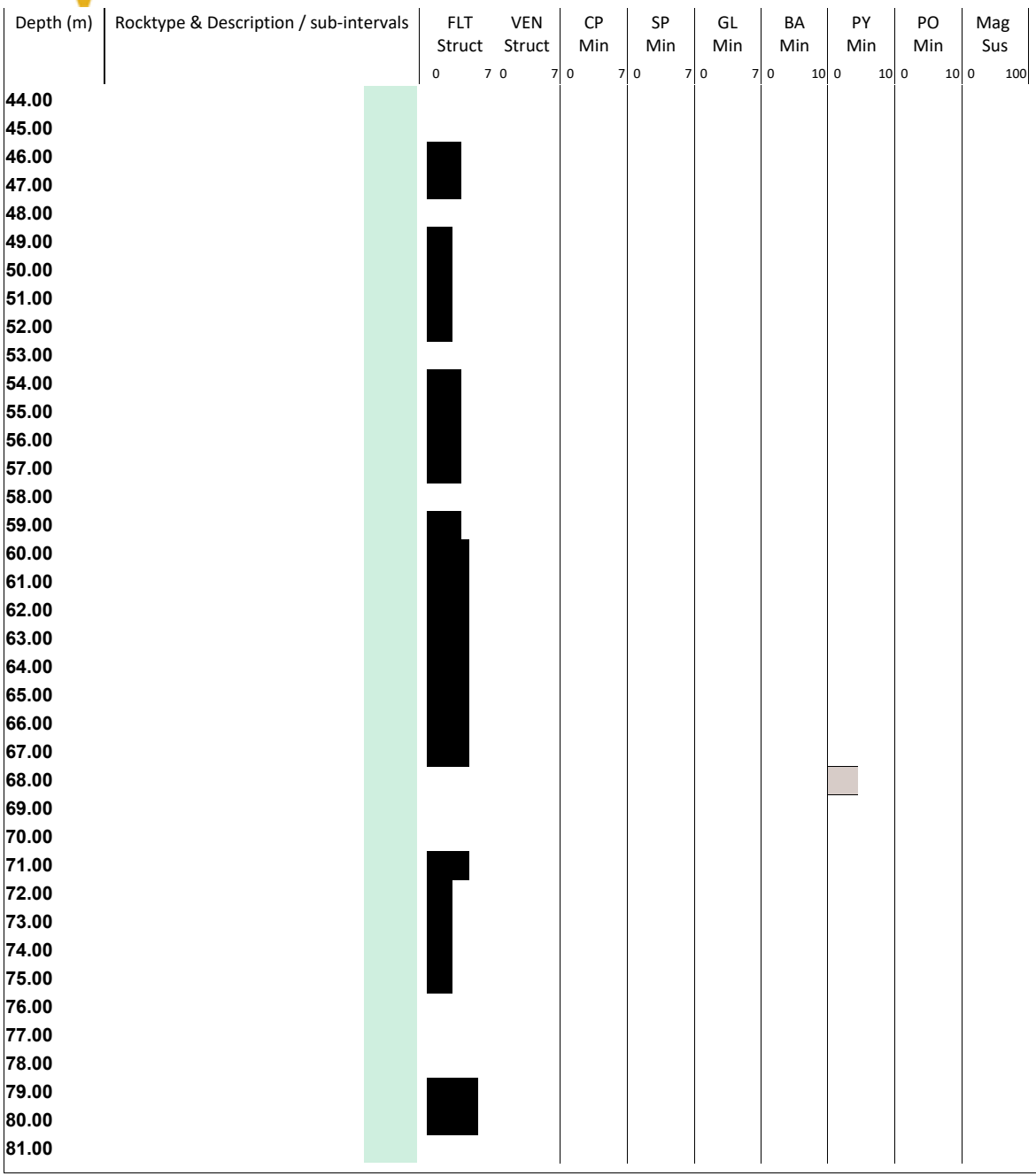
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-003



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
68.50	69.10	0.60	1906643	0.024	0.004	0.7	0.16

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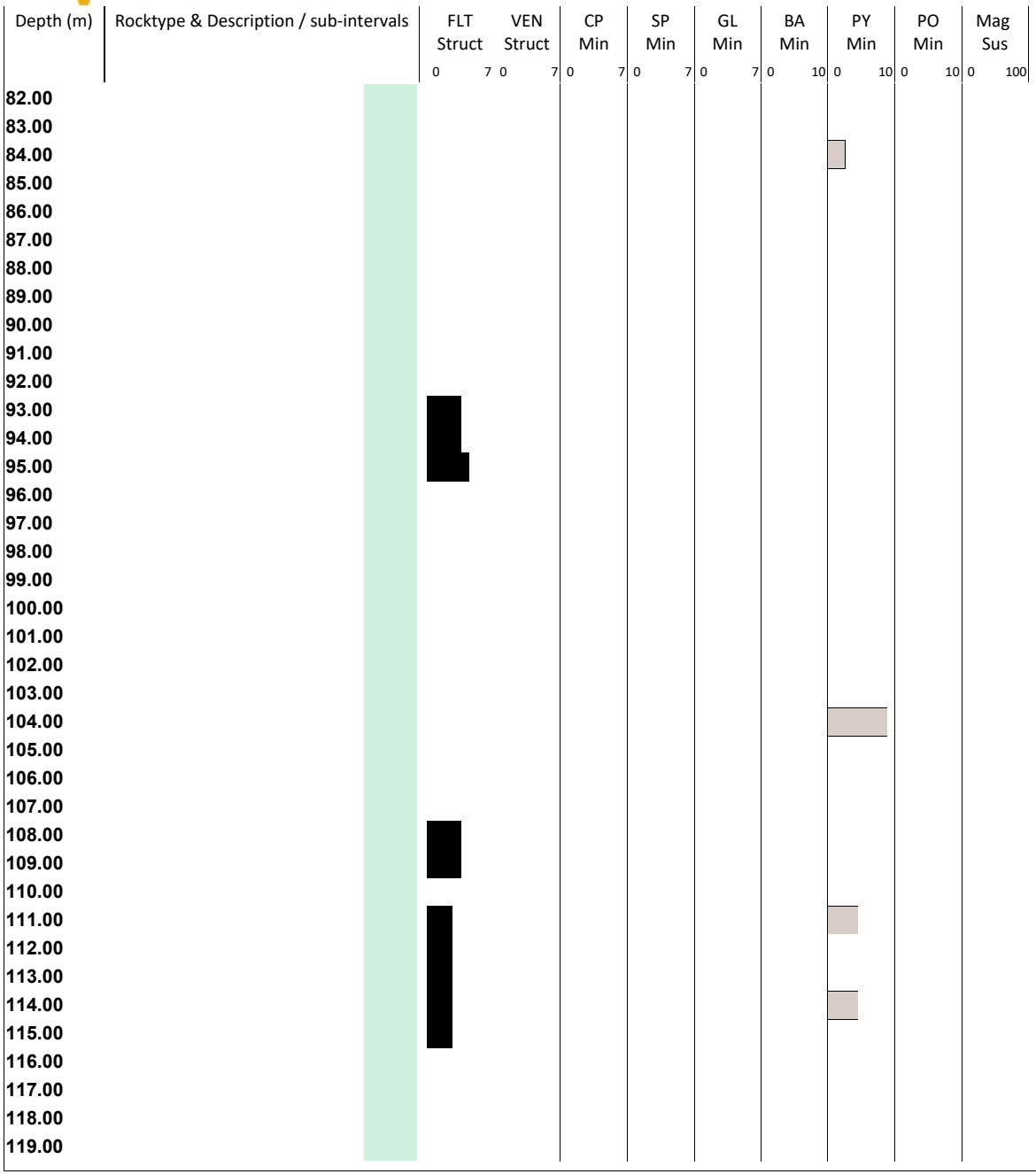
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-003



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
84.50	86.00	1.50	1906644	0.043	0.007	0.7	0.13
119.60	121.00	1.40	1906645	0.03	0.009	0.9	0.21

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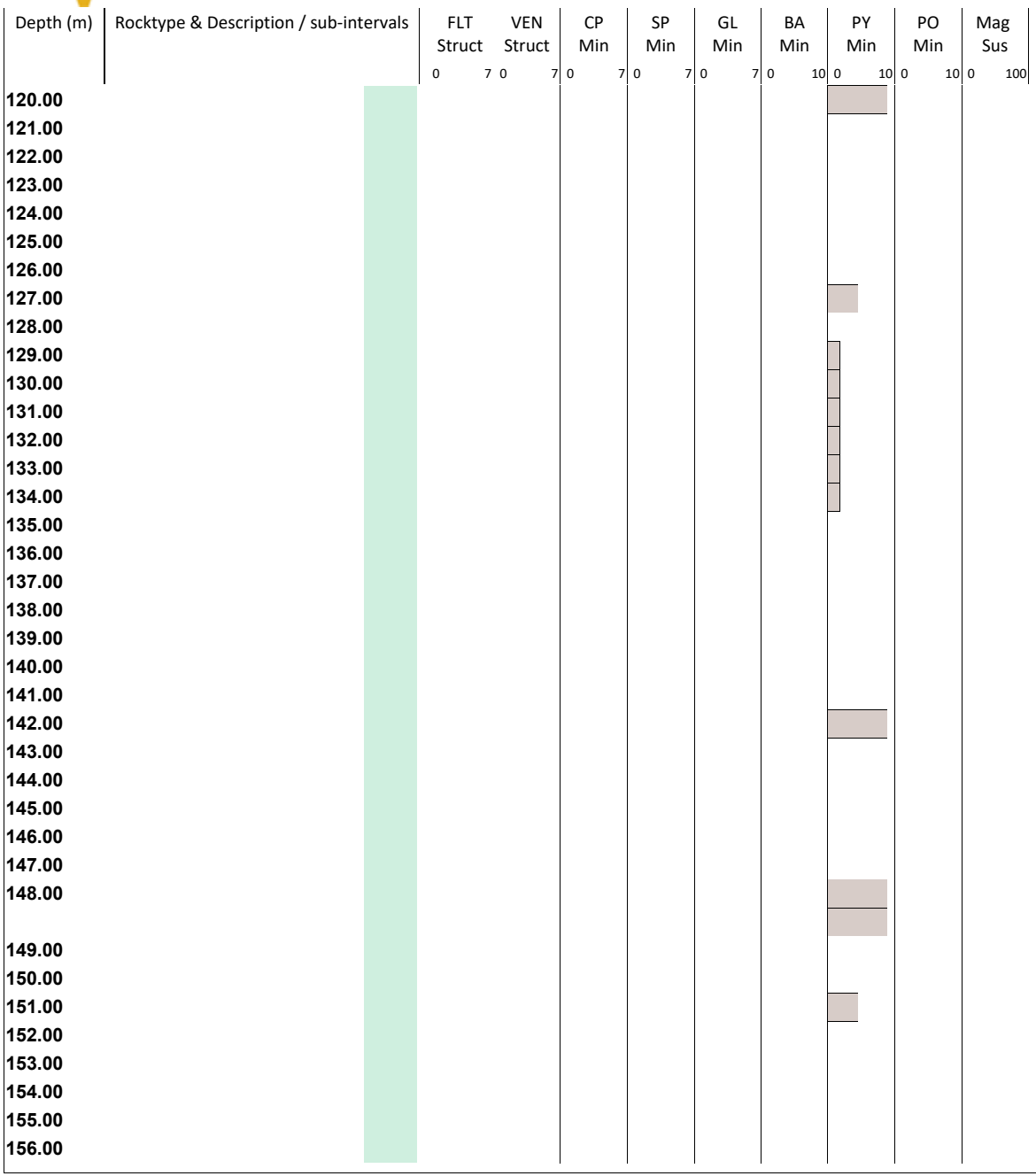
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-003

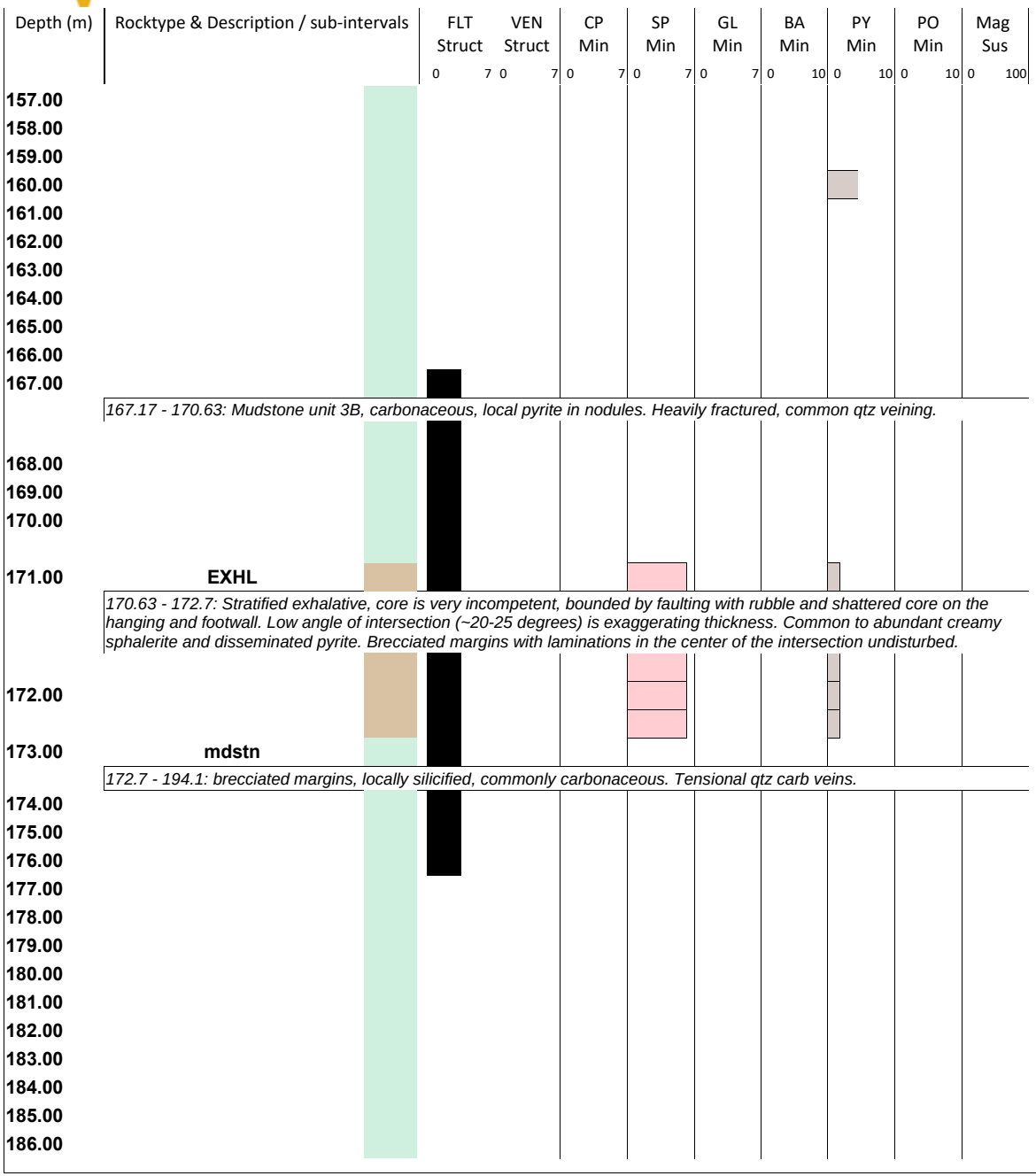


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
127.00	128.00	1.00	1906646	0.022	0.005	0.7	0.19
131.00	132.50	1.50	1906647	0.451	0.005	0.7	0.17
134.70	136.10	1.40	1906648	0.016	0.005	0.6	0.27
148.00	148.75	0.75	1906649	0.031	0.004	0.5	0.12
148.75	150.00	1.25	1906651	0.046	0.004	0.5	0.19
150.00	151.00	1.00	1906652	0.044	0.004	0.6	0.12
151.00	152.00	1.00	1906653	0.052	0.006	-0.5	0.11

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-003



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
160.50	162.00	1.50	1906654	0.031	0.005	0.6	0.27
162.00	163.00	1.00	1906655	0.03	0.007	0.7	0.24
163.00	164.00	1.00	1906656	0.063	0.004	0.6	0.3
164.00	165.00	1.00	1906657	0.053	0.005	0.6	0.21
165.00	166.00	1.00	1906658	0.099	0.005	0.6	0.38
166.00	167.17	1.17	1906659	0.167	0.007	0.9	0.59
167.17	168.00	0.83	1906661	0.208	0.007	0.8	0.64
168.00	169.00	1.00	1906662	0.094	0.008	0.7	0.42
169.00	170.00	1.00	1906663	0.134	0.013	0.6	0.21
170.00	170.63	0.63	1906664	0.216	0.042	0.6	0.93
170.63	171.58	0.95	1906666	10.59	3.7	3.9	17.1
171.58	172.70	1.12	1906667	9.3	3.01	3.7	17.93
172.70	174.00	1.30	1906669	0.703	0.127	0.7	1.5
174.00	175.00	1.00	1906671	0.131	0.008	-0.5	0.23
175.00	176.00	1.00	1906672	0.178	0.008	-0.5	0.39
176.00	177.00	1.00	1906673	0.123	0.009	-0.5	0.42
177.00	178.00	1.00	1906674	0.178	0.007	-0.5	0.21
178.00	179.00	1.00	1906675	0.024	0.007	-0.5	0.16
179.00	180.00	1.00	1906676	0.187	0.006	-0.5	0.55
180.00	181.00	1.00	1906677	0.413	0.02	-0.5	0.62
181.00	182.00	1.00	1906678	0.222	0.009	-0.5	0.21
182.00	183.00	1.00	1906679	0.129	0.008	-0.5	0.14
183.00	184.00	1.00	1906681	0.128	0.008	-0.5	0.15
184.00	185.00	1.00	1906682	0.149	0.008	-0.5	0.1
185.00	186.00	1.00	1906683	0.232	0.02	0.6	0.29
186.00	187.00	1.00	1906684	0.025	0.01	0.5	0.16

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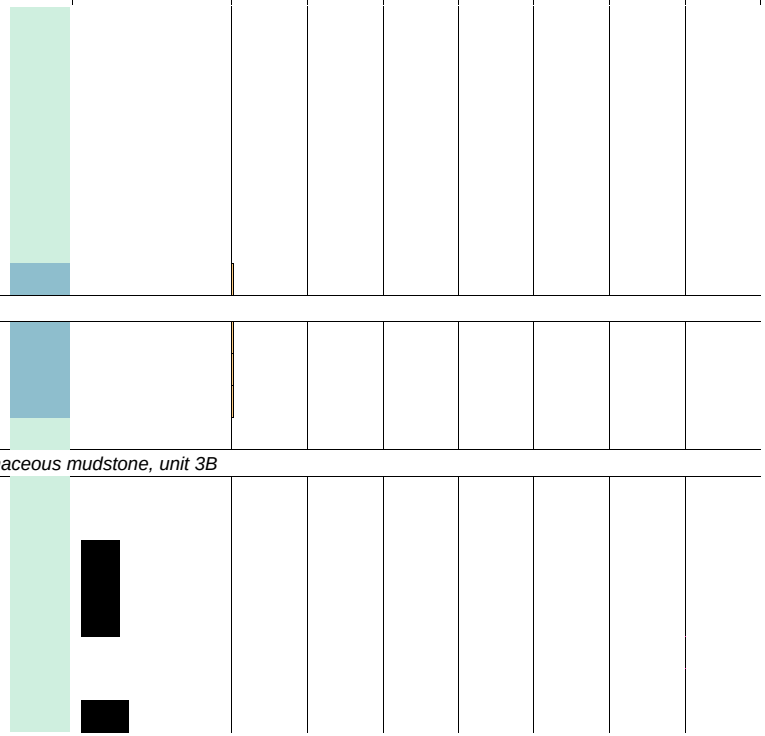
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-003



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
187.00		187.00	188.00	1.00	1906685	0.02	0.011	0.5	0.27
188.00		188.00	189.00	1.00	1906686	0.007	0.009	-0.5	0.22
189.00		189.00	190.00	1.00	1906687	0.011	0.009	0.6	0.23
190.00		190.00	191.00	1.00	1906688	0.009	0.009	0.6	0.21
191.00		191.00	192.00	1.00	1906689	0.01	0.01	0.6	0.18
192.00		192.00	192.58	0.58	1906691	0.082	0.016	0.6	0.27
		192.58	193.00	0.42	1906692	0.062	0.026	0.7	0.36
193.00									
194.00	**diamic**	193.00	194.10	1.10	1906693	0.035	0.014	0.6	0.28
	194.1 - 197: heterolithic diamictite								
		194.10	195.00	0.90	1906694	0.013	0.01	-0.5	0.17
195.00		195.00	196.00	1.00	1906695	0.013	0.01	-0.5	0.11
196.00		196.00	197.00	1.00	1906696	0.013	0.009	-0.5	0.1
197.00	**mdstn**	197.00	198.00	1.00	1906697	0.035	0.014	0.6	0.19
	197 - 206: Lightly silicified, carbonaceous mudstone, unit 3B								
198.00		198.00	199.00	1.00	1906698	0.033	0.018	0.7	0.2
199.00		199.00	200.00	1.00	1906699	0.027	0.011	-0.5	0.25
200.00		200.00	201.00	1.00	1906701	0.335	0.013	-0.5	0.6
201.00		201.00	202.00	1.00	1906702	0.204	0.013	0.6	0.49
202.00		202.00	203.00	1.00	1906703	0.104	0.006	-0.5	0.2
203.00		203.00	204.00	1.00	1906704	0.026	0.005	-0.5	0.18
204.00		204.00	205.00	1.00	1906705	0.022	0.009	0.7	0.24
205.00		205.00	206.00	1.00	1906706	0.024	0.008	0.5	0.14

End of Hole @ 206

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GeoSpark Logger ~ Strip Log

Project: **FWZ** **Hole Number:** **JS17-004**

Prospect:	Jason	Hole Type:	DDH	Survey Type:	RTK DGPS	Logged By:	IC
Grid:	UTM NAD83 Canada Zone 9	Hole Diameter:		Survey By:	CA	Date Logging Start:	8/15/2017
UTM Easting:	436515.41	Core Size:	HQ	Azimuth:	25	Date Logging Complete:	8/18/2017
UTM Northing:	7002740.27	Casing Pulled?:	NO	Dip:	-69	Drill Company:	NA
UTM Elev. (m):	1296.535	Casing Depth (m):	9	Length (m):	208.35	Drill Rig:	
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/13/2017
Local Northing:		Cemented?:	YES	Core Storage Loc.:		Drill Completed:	8/17/2017
Local Elev. (m):						Purpose:	Metallurgical
Comments:						Parent Hole:	

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
18	-69.8	2.8	20.5	23.3	EZ Shot		8/13/2017	59069	☑	
23	-69.4	3.3	20.5	23.8	EZ Shot		8/14/2017	59021	☑	
53	-68.2	5.3	20.5	25.8	EZ Shot		8/14/2017	59003	☑	
83	-66.7	9.6	20.5	30.1	EZ Shot		8/15/2017	58765	☑	
113	-65	12.9	20.5	33.4	EZ Shot		8/15/2017	59057	☑	
143	-62.2	14.2	20.5	34.7	EZ Shot		8/16/2017	58891	☑	
173	-61.4	14.5	20.5	35	EZ Shot		8/16/2017	59206	☑	
203	-61.9	14.3	20.5	34.8	EZ Shot		8/17/2017	58906	☑	

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct (0–7)	VEN Struct (0–7)	CP Min (0–7)	SP Min (0–7)	GL Min (0–7)	BA Min (0–10)	PY Min (0–10)	PO Min (0–10)	Mag Sus (0–100)
0.00	**cas**									
	0 - 10.3: Overburden/ Casing									
0.50										
1.00										
1.50										
2.00										
2.50										
3.00										
3.50										
4.00										
4.50										

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM

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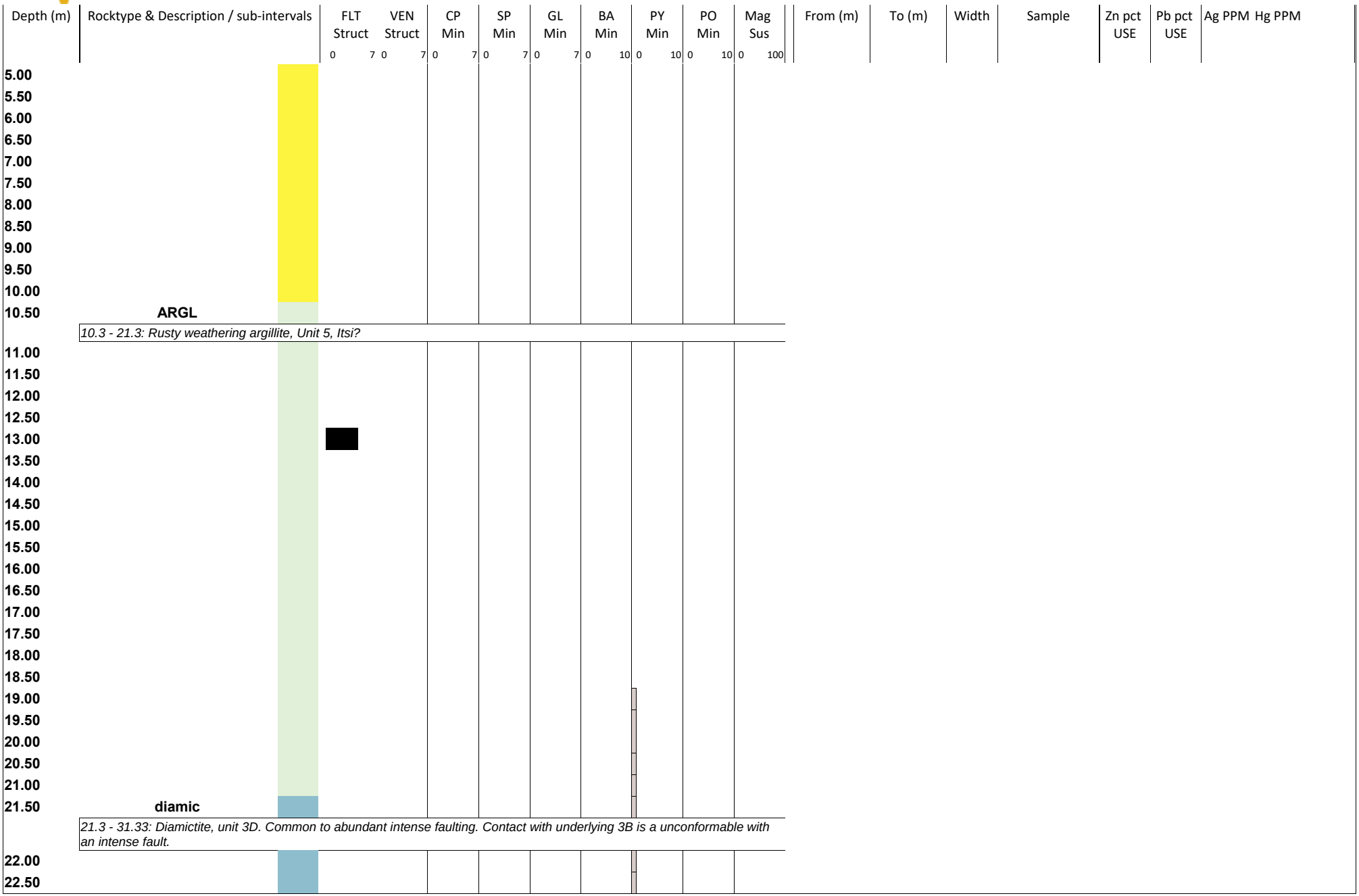
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004



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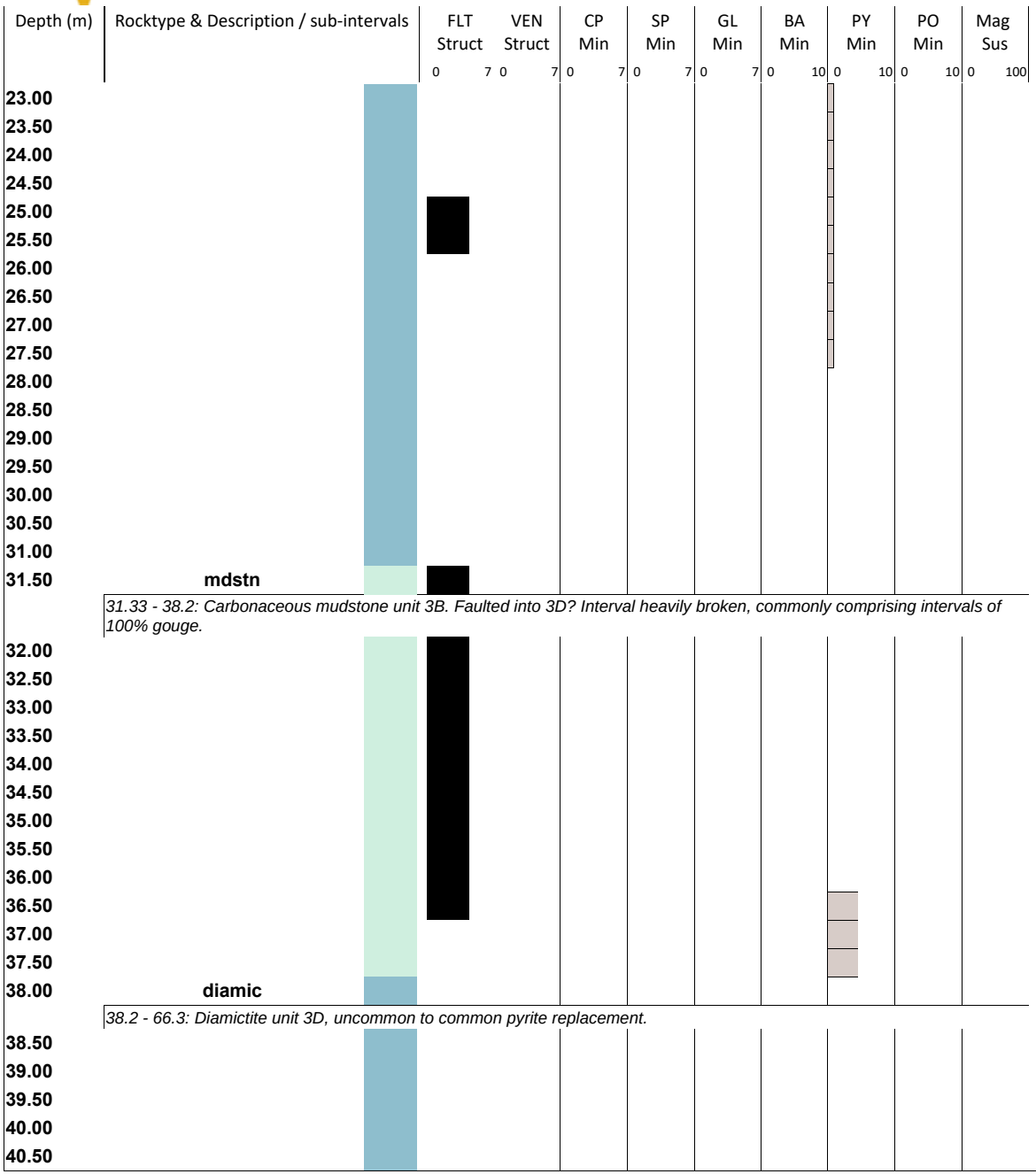
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004

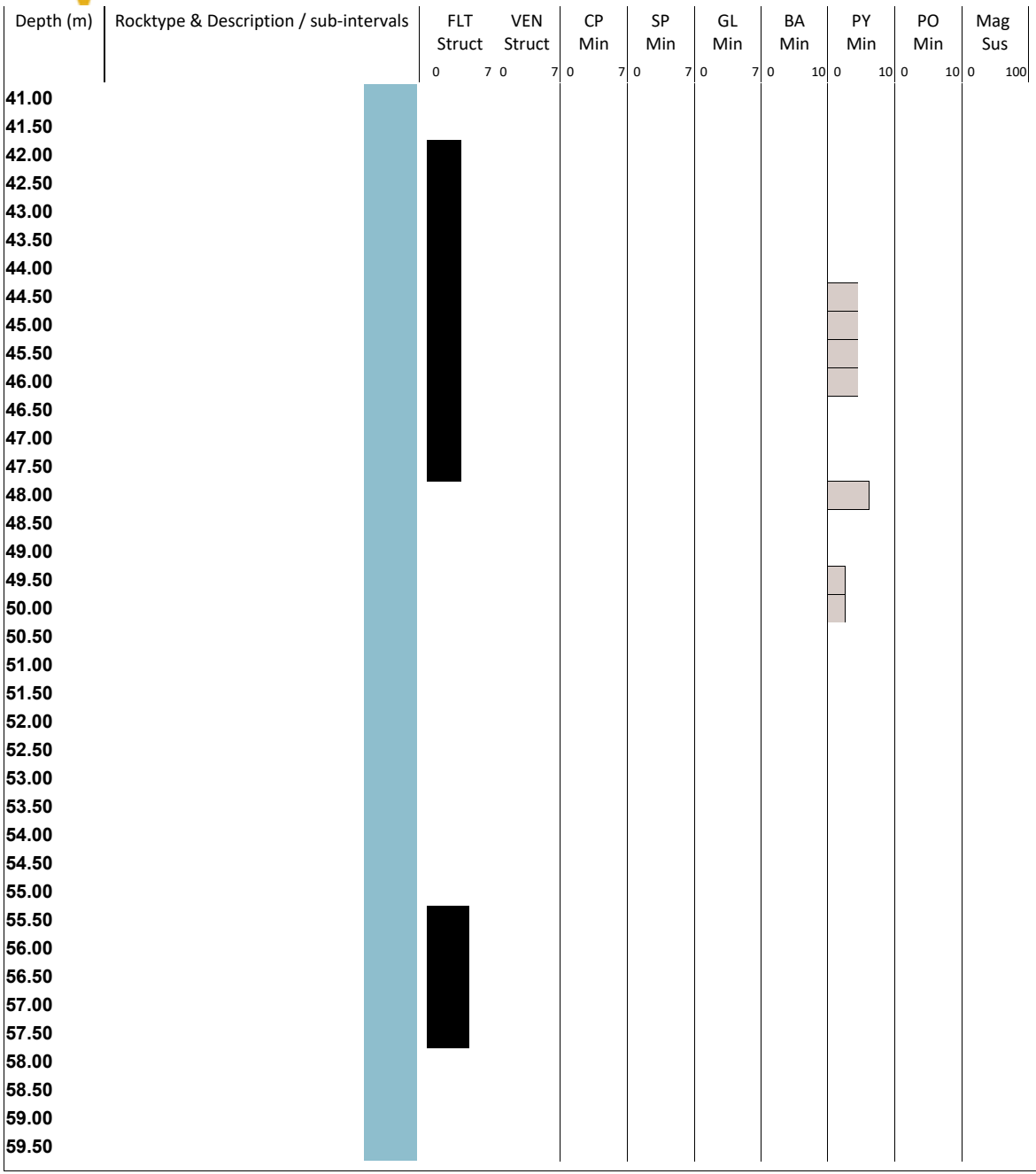


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
36.70	37.86	1.16	1906707	0.072	0.013	0.7	0.32

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004

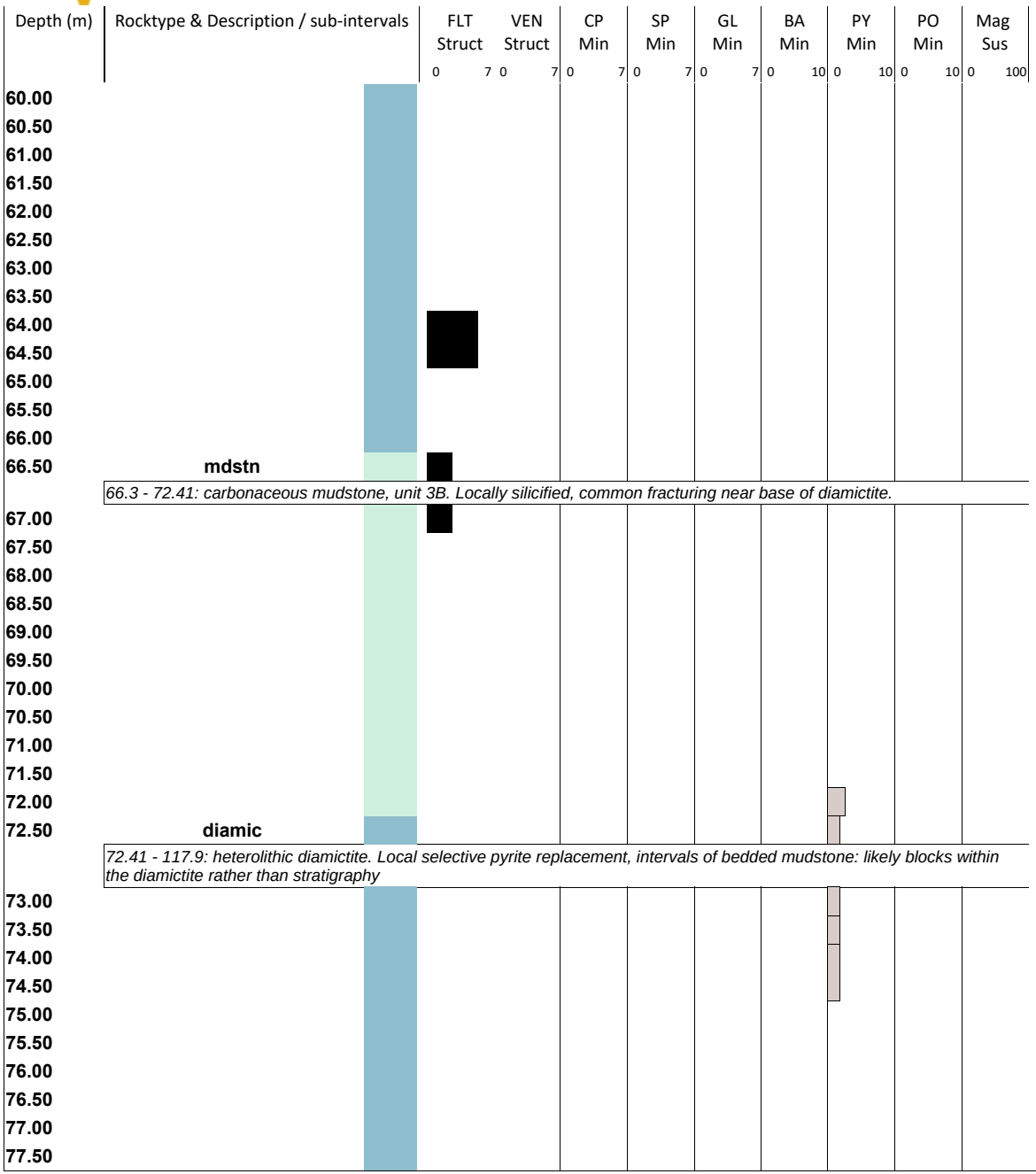


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
44.50	45.50	1.00	1906708	0.013	0.011	-0.5	0.11
45.50	46.50	1.00	1906709	0.022	0.01	-0.5	0.08

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004

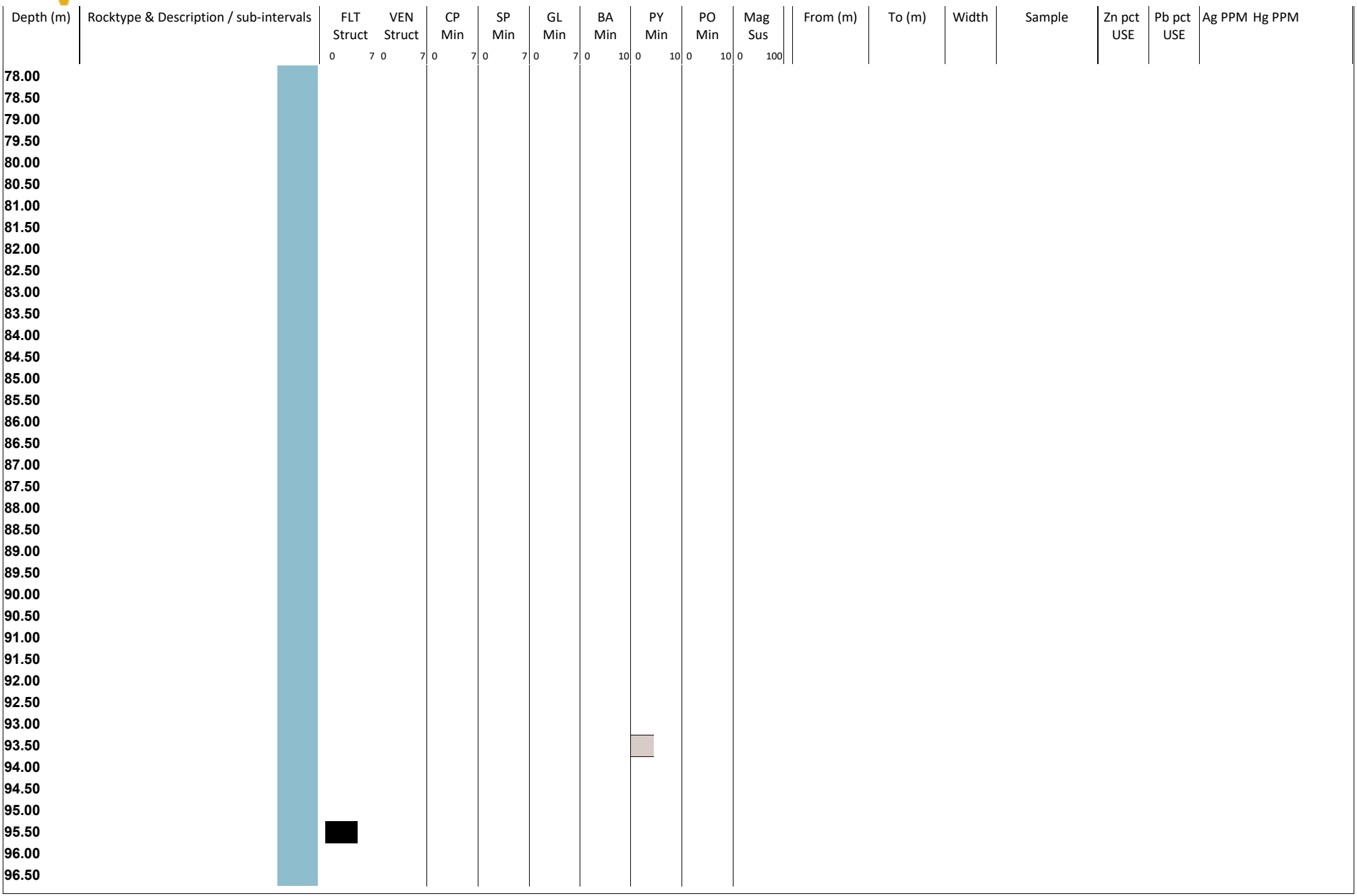


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

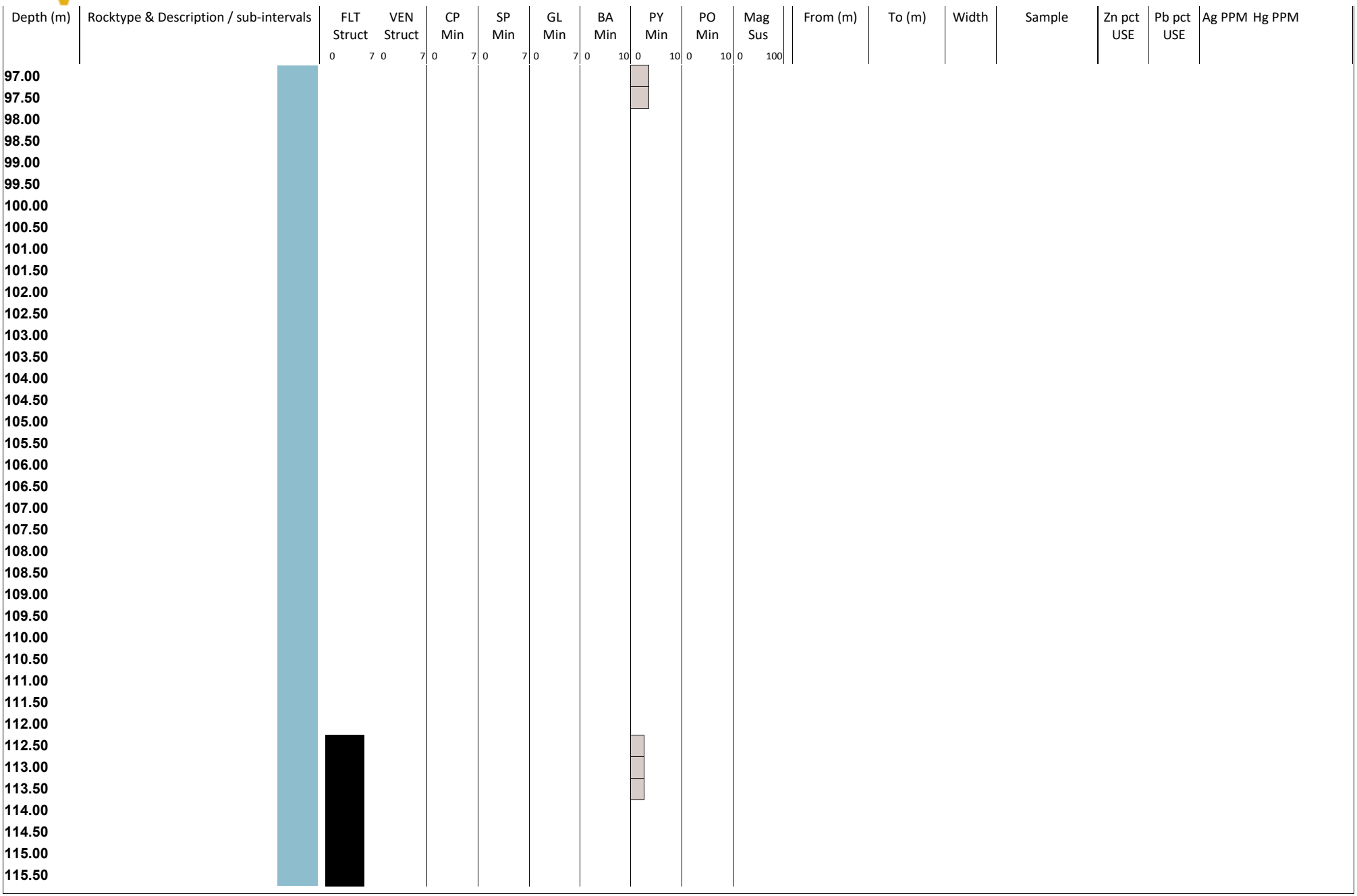
Project: FWZ **Hole Number:** JS17-004



EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004



EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100
116.00										
116.50										
117.00										
117.50										
118.00	**mdstn**									
	117.9 - 121.56: Massive mudstone, carbonaceous and lightly silicified. Nature of contact s suggests stratigraphy rather than a block within diamictite.									
118.50										
119.00										
119.50										
120.00										
120.50										
121.00										
121.50	**diamic**									
	121.56 - 135.06: Heterolithic diamictite, clasts range from sub-rounded to angular, poorly sorted, and variable from clast to matrix supported.									
122.00										
122.50										
123.00										
123.50										
124.00										
124.50										
125.00										
125.50										
126.00										
126.50										
127.00										
127.50										
128.00										
128.50										
129.00										
129.50										
130.00										
130.50										
131.00										
131.50										
132.00										
132.50										
133.00										

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
122.00	123.00	1.00	1906711	0.014	0.006	0.7	0.12
123.00	124.00	1.00	1906712	0.225	0.006	-0.5	0.07
124.00	125.00	1.00	1906713	0.011	0.008	1	0.16
125.00	126.00	1.00	1906714	0.011	0.009	0.9	0.12
126.00	127.00	1.00	1906715	0.04	0.008	0.5	0.07
127.00	128.00	1.00	1906716	0.009	0.01	0.7	0.1
128.00	129.00	1.00	1906717	0.014	0.009	0.8	0.09

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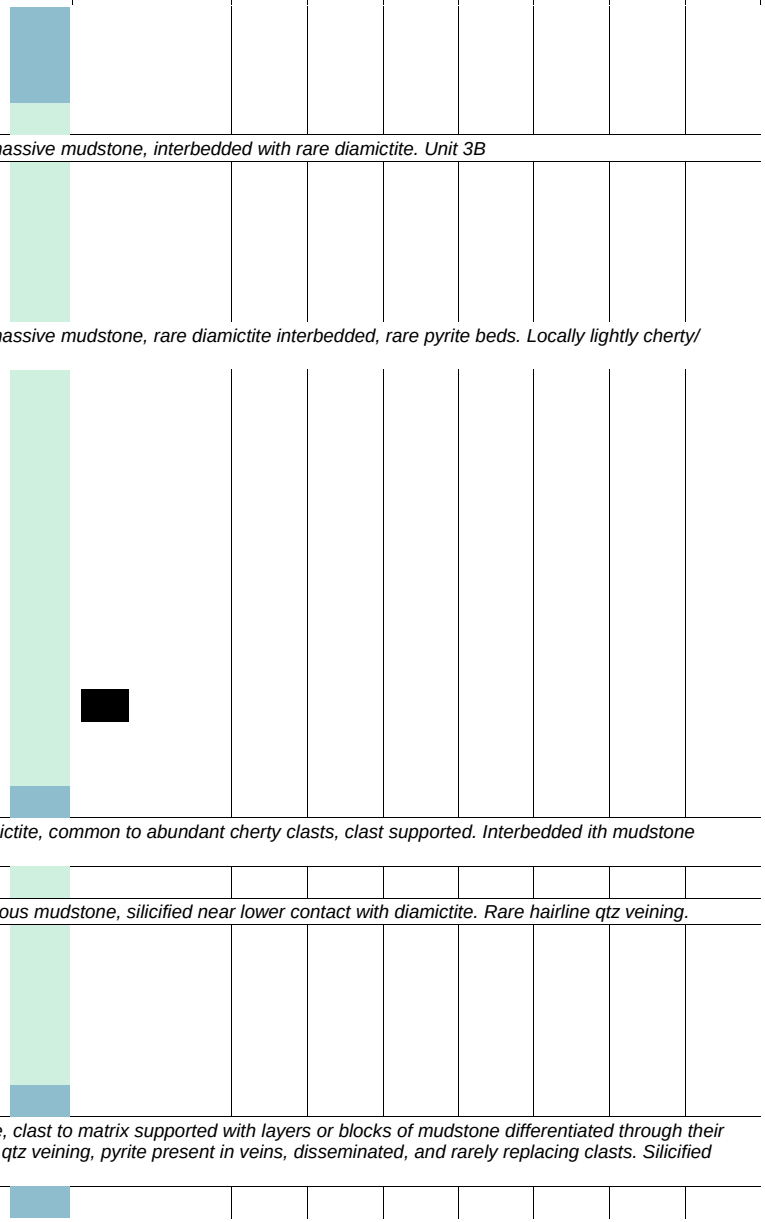
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
133.50									
134.00									
134.50									
135.00	**mdstn**								
	135.06 - 137.25: Carbonaceous massive mudstone, interbedded with rare diamictite. Unit 3B								
135.50									
136.00									
136.50									
137.00									
137.50									
	137.47 - 144.45: Carbonaceous massive mudstone, rare diamictite interbedded, rare pyrite beds. Locally lightly cherty/ siliceous.								
138.00									
138.50									
139.00									
139.50									
140.00									
140.50									
141.00									
141.50									
142.00									
142.50									
143.00									
143.50									
144.00									
144.50	**diamic**	144.00	145.00	1.00	1906718	2.714	0.147	2.6	4.49
	144.45 - 145.08: Heterolithic diamictite, common to abundant cherty clasts, clast supported. Interbedded ith mudstone containing pyrite bedding/layers.								
145.00	**mdstn**								
	145.08 - 147.45: Black carbonaceous mudstone, silicified near lower contact with diamictite. Rare hairline qtz veining.								
145.50		145.00	146.00	1.00	1906719	0.137	0.028	0.6	0.45
146.00									
146.50		146.00	147.00	1.00	1906721	0.024	0.016	0.6	0.17
147.00		147.00	147.45	0.45	1906722	0.266	0.137	1.5	0.29
		147.45	148.95	1.50	1906723	0.577	0.141	1.1	1.08
147.50	**diamic**								
	147.45 - 154.19: Chaotic diamictie, clast to matrix supported with layers or blocks of mudstone differentiated through their highly variable bedding. Common qtz veining, pyrite present in veins, disseminated, and rarely replacing clasts. Silicified proximal to lower margin.								
148.00									

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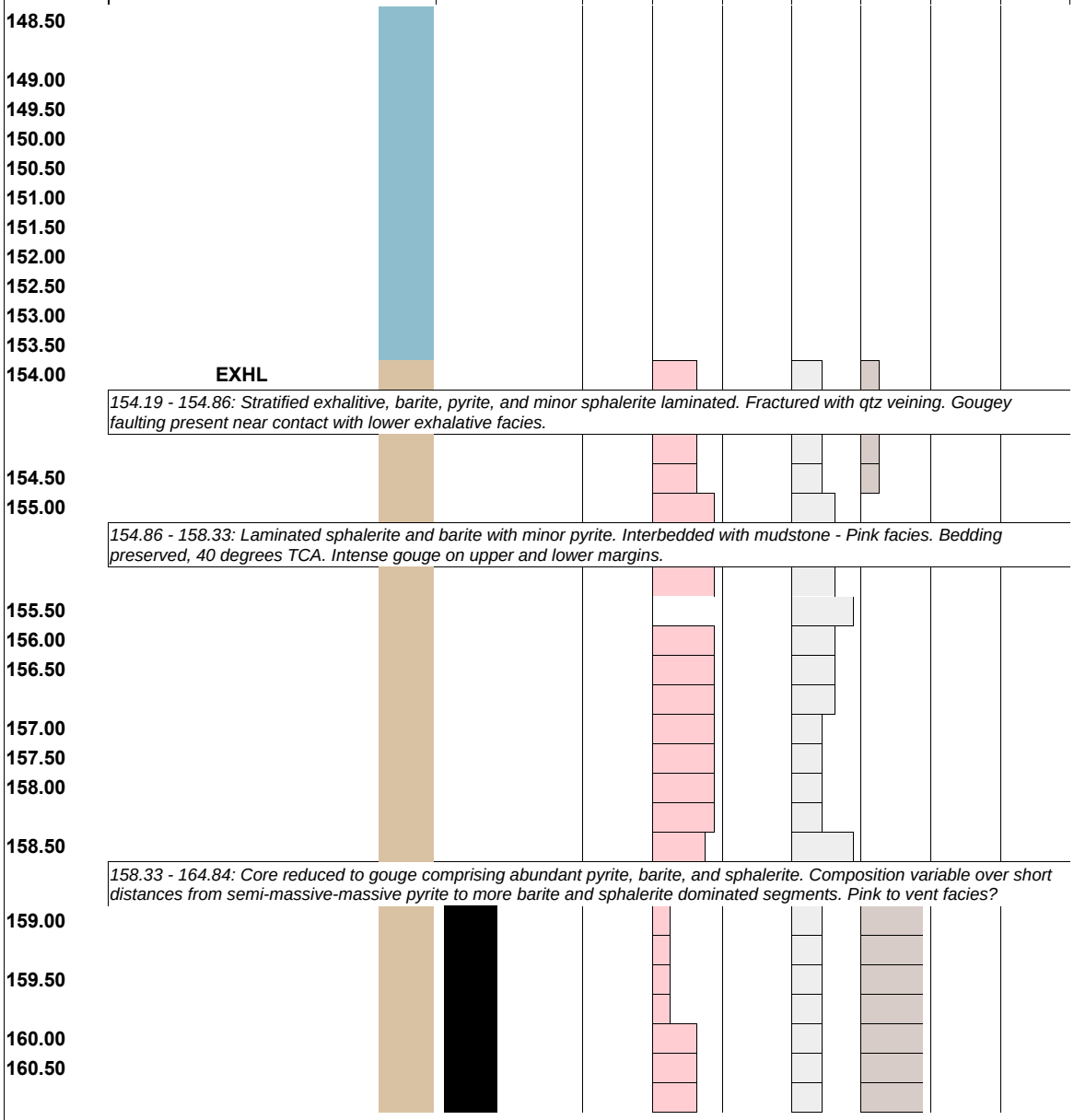
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
148.95	150.00	1.05	1906724	0.166	0.041	0.9	0.51
150.00	151.00	1.00	1906725	0.141	0.074	0.9	0.5
151.00	152.00	1.00	1906726	0.97	0.068	0.6	2.06
152.00	153.00	1.00	1906727	0.468	0.065	-0.5	0.81
153.00	154.19	1.19	1906728	0.389	0.038	-0.5	1.08
154.19	155.00	0.81	1906729	7.92	2.16	7.8	15.67
155.00	155.45	0.45	1906731	9.01	3.92	1	16.01
155.45	156.00	0.55	1906732	9.8	3.64	1.2	12.29
156.00	156.88	0.88	1906733	8.26	2.01	0.5	3.42
156.88	157.50	0.62	1906734	12.57	2.5	0.7	4.05
157.50	158.34	0.84	1906735	12.96	1.95	-0.5	6.08
158.34	159.04	0.70	1906736	14.48	3.01	-0.5	6.36
159.04	159.75	0.71	1906737	3.262	1.908	-0.5	1.46
159.75	160.75	1.00	1906738	1.884	0.617	-0.5	0.89
160.75	162.00	1.25	1906739	4.152	1.407	-0.5	1.79

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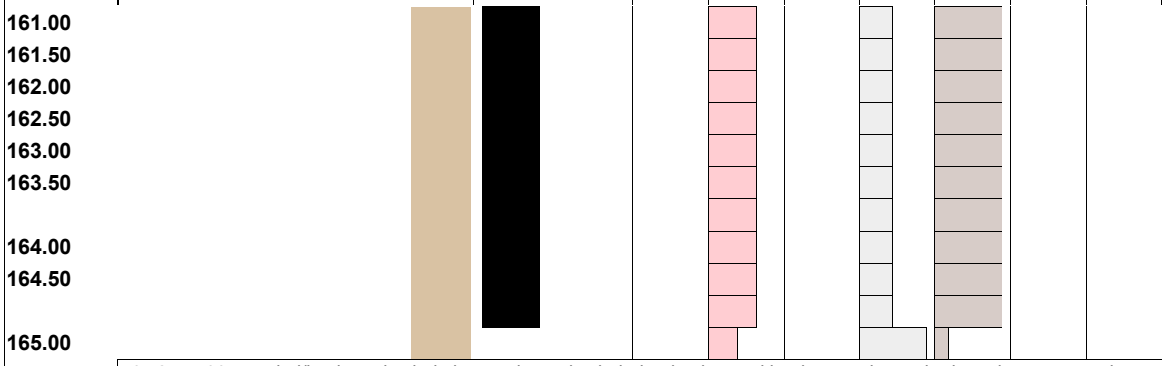
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004



164.84 - 166: Banded/laminated exhalative. Barite and sphalerite dominant with minor mudstone beds and common pyrite. Bedding where preserved is at 25 degrees TCA.

166 - 167: Massive to semi-massive pyrite with minor sphalerite. 40% of the interval is reduced to pyritic gouge. Pyrite is fine to coarse grained, subhedral to euhedral.

167 - 167.85: Barite rich interval with less abundant sphalerite and minor pyrite. Preserved bedding is uncommon, and 40% of the interval is reduced to baritic gouge.

167.85 - 168.6: massive to semi-massive pyrite, less abundant sphalerite and barite. Bedding is preserved at 40 degrees TCA through the competent sections. 60% of the interval is comprised of pyritic gouge.

168.6-168.94: Reduced pyrite from above and below, dominated by sphalerite and barite. Minor galena visible in preserved

168.6-168.94:EXHL

168.94 - 170.7: Massive to semi-massive pyrite dominant. Laminations preserved at 30 degrees TCA near upper margin, chaotic and brecciated near lower margin. 20% of the interval is composed for grey gouge/mud - barititc?

170.7 - 173.3: Laminated barite and sphalerite, intervals of pyrite nodules. 10% of the interval is comprised of grey gouge. Grey to pink facies

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
162.00	163.00	1.00	1906741	4.236	1.336	-0.5	1.55
163.00	163.61	0.61	1906742	2.817	0.657	-0.5	1.53
163.61	164.80	1.19	1906743	2.979	0.791	-0.5	2.09
164.80	165.23	0.43	1906744	15.42	1.77	-0.5	11.23
165.23	166.00	0.77	1906745	6.205	1.427	-0.5	1.3
166.00	167.00	1.00	1906746	4.341	0.83	-0.5	0.81
167.00	167.89	0.89	1906747	10.48	2.44	-0.5	1.36
167.89	168.60	0.71	1906748	5.978	1.55	-0.5	1.32
168.60	168.94	0.34	1906749	5.956	1.946	-0.5	1.43
168.94	170.00	1.06	1906751	4.234	1.638	-0.5	1.42
170.00	170.70	0.70	1906752	3.554	1.397	-0.5	1.77

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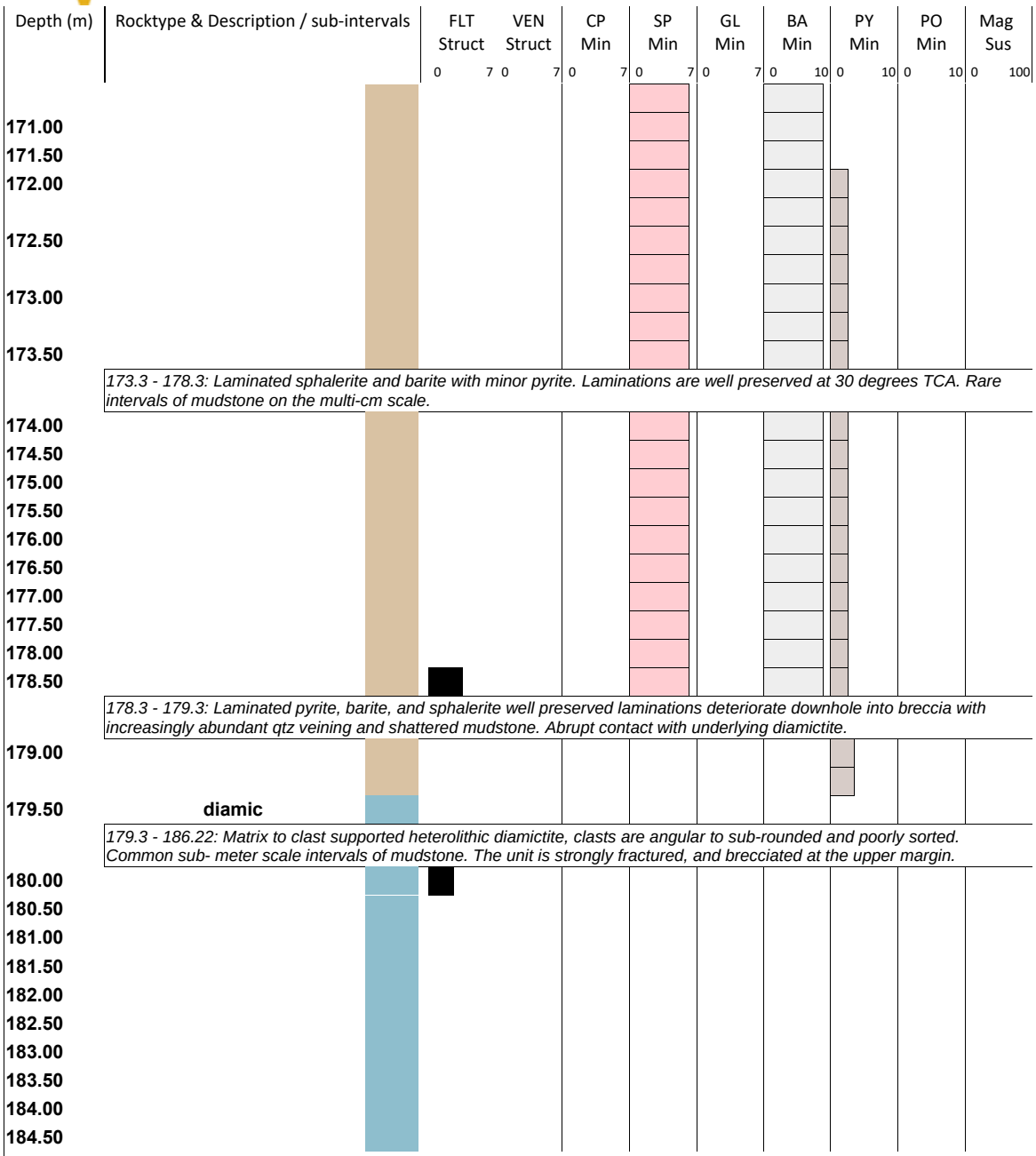
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004



173.3 - 178.3: Laminated sphalerite and barite with minor pyrite. Laminations are well preserved at 30 degrees TCA. Rare intervals of mudstone on the multi-cm scale.

178.3 - 179.3: Laminated pyrite, barite, and sphalerite well preserved laminations deteriorate downhole into breccia with increasingly abundant qtz veining and shattered mudstone. Abrupt contact with underlying diamictite.

179.3 - 186.22: Matrix to clast supported heterolithic diamictite, clasts are angular to sub-rounded and poorly sorted. Common sub- meter scale intervals of mudstone. The unit is strongly fractured, and brecciated at the upper margin.

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
170.70	171.50	0.80	1906753	9.82	1.52	-0.5	1.14
171.50	172.10	0.60	1906754	19.41	2.99	-0.5	2.53
172.10	172.61	0.51	1906755	7.64	0.83	-0.5	8.14
172.61	173.32	0.71	1906756	12.96	1.09	-0.5	2.27
173.32	174.00	0.68	1906757	16.32	1.29	-0.5	2.54
174.00	175.00	1.00	1906758	16.94	0.88	-0.5	3.12
175.00	176.00	1.00	1906759	8.38	0.39	-0.5	1.96
176.00	177.00	1.00	1906761	17.39	1.16	-0.5	5.27
177.00	178.00	1.00	1906762	14.87	1.66	2.9	45.12
178.00	179.00	1.00	1906763	16.17	1.26	5.9	60.76
179.00	179.30	0.30	1906764	0.29	0.043	0.9	5.3
179.30	180.00	0.70	1906765	0.033	0.014	0.5	0.59
180.00	181.00	1.00	1906767	0.015	0.01	0.5	0.7
181.00	182.00	1.00	1906768	0.012	0.006	-0.5	0.31
182.00	183.00	1.00	1906769	0.015	0.008	0.7	0.35
183.00	184.00	1.00	1906771	0.012	0.006	-0.5	0.33
184.00	185.00	1.00	1906772	0.01	0.007	-0.5	0.22

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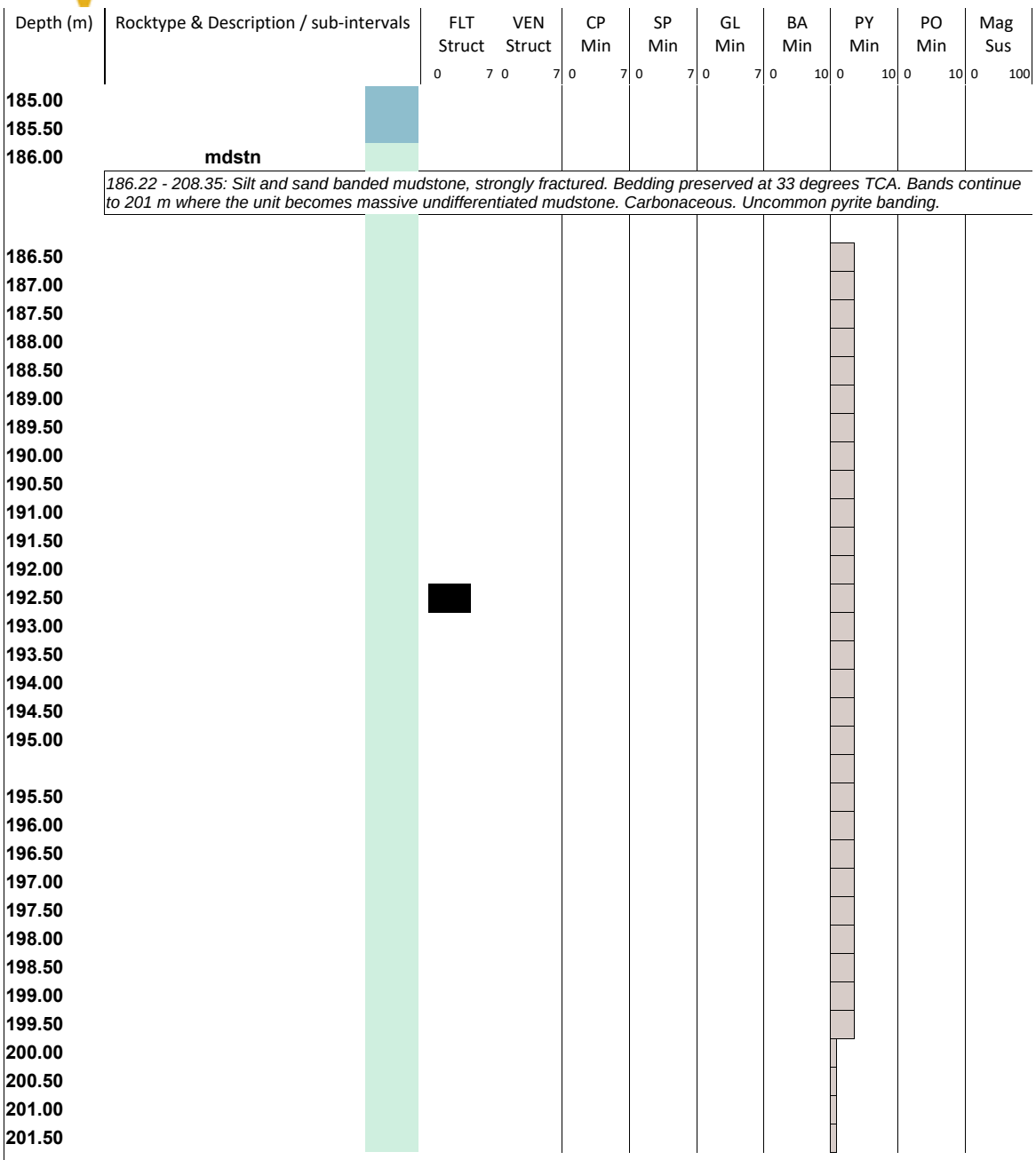
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
185.00	186.22	1.22	1906773	0.021	0.007	0.6	0.34
186.22	187.00	0.78	1906774	0.012	0.012	1.5	0.38
187.00	188.00	1.00	1906775	0.01	0.009	1.2	0.33
188.00	189.00	1.00	1906776	0.03	0.011	1.2	0.34
189.00	190.00	1.00	1906777	1.485	0.034	2.4	3.32
190.00	191.00	1.00	1906778	0.326	0.012	1	0.85
191.00	192.00	1.00	1906779	0.159	0.013	1.1	0.49
192.00	193.00	1.00	1906781	0.049	0.008	0.9	0.59
193.00	194.00	1.00	1906782	0.014	0.01	1.1	0.49
194.00	195.13	1.13	1906783	0.148	0.015	1	0.65
195.13	196.00	0.87	1906784	0.121	0.012	1.3	0.8
196.00	197.00	1.00	1906785	0.143	0.01	1.5	0.85
197.00	198.00	1.00	1906786	0.021	0.01	1.2	0.43
198.00	199.00	1.00	1906787	0.009	0.008	1.3	0.91
199.00	200.00	1.00	1906788	0.01	0.008	1	0.73
200.00	201.00	1.00	1906789	0.303	0.011	1.5	0.83
201.00	202.00	1.00	1906791	0.057	0.008	1.6	0.7

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GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-004

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
202.00																		
202.50																		
203.00																		
203.50																		
204.00																		
204.50																		
205.00																		
205.50																		
206.00																		
206.50																		
207.00																		
207.50																		
208.00																		

End of Hole @ 208.35

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GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

Prospect:	Jason	Hole Type:	DDH	Survey Type:	RTK DGPS	Logged By:	JE
Grid:	UTM NAD83 Canada Zone 9	Hole Diameter:		Survey By:	CA	Date Logging Start:	8/19/2017
UTM Easting:	436604.8	Core Size:	HQ	Azimuth:	22	Date Logging Complete:	8/23/2017
UTM Northing:	7002683.12	Casing Pulled?:	NO	Dip:	-60.5	Drill Company:	NA
UTM Elev. (m):	1272.23	Casing Depth (m):	9	Length (m):	247.7	Drill Rig:	
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/17/2017
Local Northing:		Cemented?:	YES	Core Storage Loc.:		Drill Completed:	8/22/2017
Local Elev. (m):						Purpose:	Metallurgical
						Parent Hole:	

Comments:

Infill in high grase portion of Main Zone between JS81-076, JS81-072 and JS77-022

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
14	-61.8	359.3	20.5	19.8	EZ Shot	NA	8/17/2017	59379	☑	
23	-61.3	0.2	20.5	20.7	EZ Shot	NA	8/18/2017	58725	☑	
53	-60.2	1.1	20.5	21.6	EZ Shot	NA	8/18/2017	58989	☑	
83	-59.7	2.1	20.5	22.6	EZ Shot	NA	8/18/2017	58896	☑	
113	-59.6	3.5	20.5	24	EZ Shot	NA	8/19/2017	58970	☑	
143	-59.5	4.5	20.5	25	EZ Shot	NA	8/19/2017	58779	☑	
173	-58.7	5.4	20.5	25.9	EZ Shot	NA	8/20/2017	58779	☑	
203	-59	6.3	20.5	26.8	EZ Shot	NA	8/20/2017	58565	☑	
233	-58.8	9.1	20.5	29.6	EZ Shot	NA	8/21/2017	58864	☑	

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct (0–7)	VEN Struct (0–7)	CP Min (0–7)	SP Min (0–7)	GL Min (0–7)	BA Min (0–10)	PY Min (0–10)	PO Min (0–10)	Mag Sus (0–100)	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
0.00	**cas**																	
	0 - 3: cased into sandy-silty laminated mudstone,																	
0.50																		
1.00																		
1.50																		
2.00																		
2.50																		

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GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct (0 7)	VEN Struct (0 7)	CP Min (0 7)	SP Min (0 7)	GL Min (0 7)	BA Min (0 10)	PY Min (0 10)	PO Min (0 10)	Mag Sus (0 100)	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
3.00	**sndmudstn**																	
	3 - 38.65: 3A mudstone with rythmic fg sand and silt lam, lams wk-mod ox from 3m - 29m, wk to trc from 29m - 38.65m, occaeional brk/offset laminations through out becoming more frequent around 34m, trc bleb and lam py,																	
3.50																		
4.00																		
4.50																		
5.00																		
5.50																		
6.00																		
6.50																		
7.00																		
7.50																		
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18.00																		
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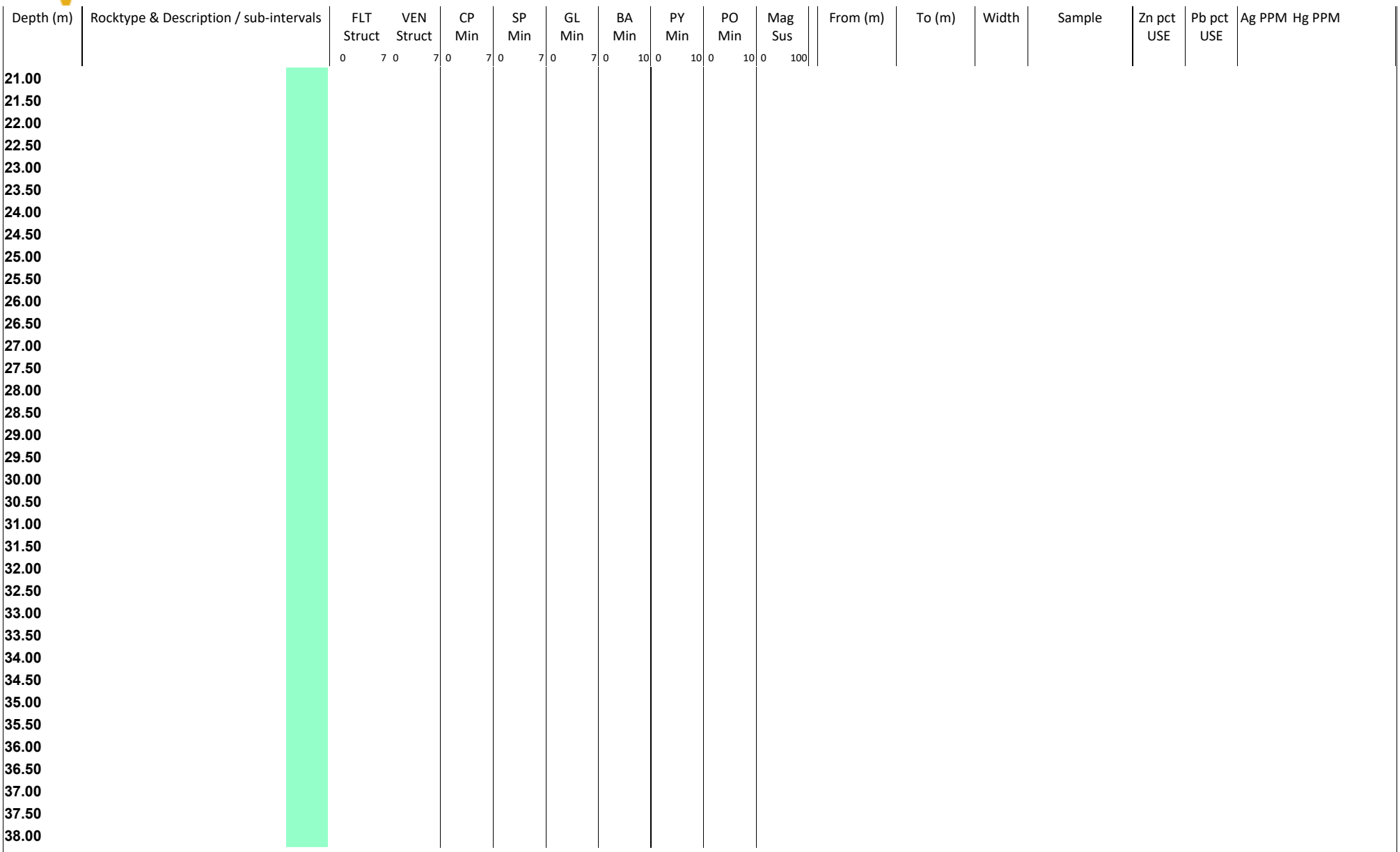
19.00																		
19.50																		
20.00																		
20.50																		

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

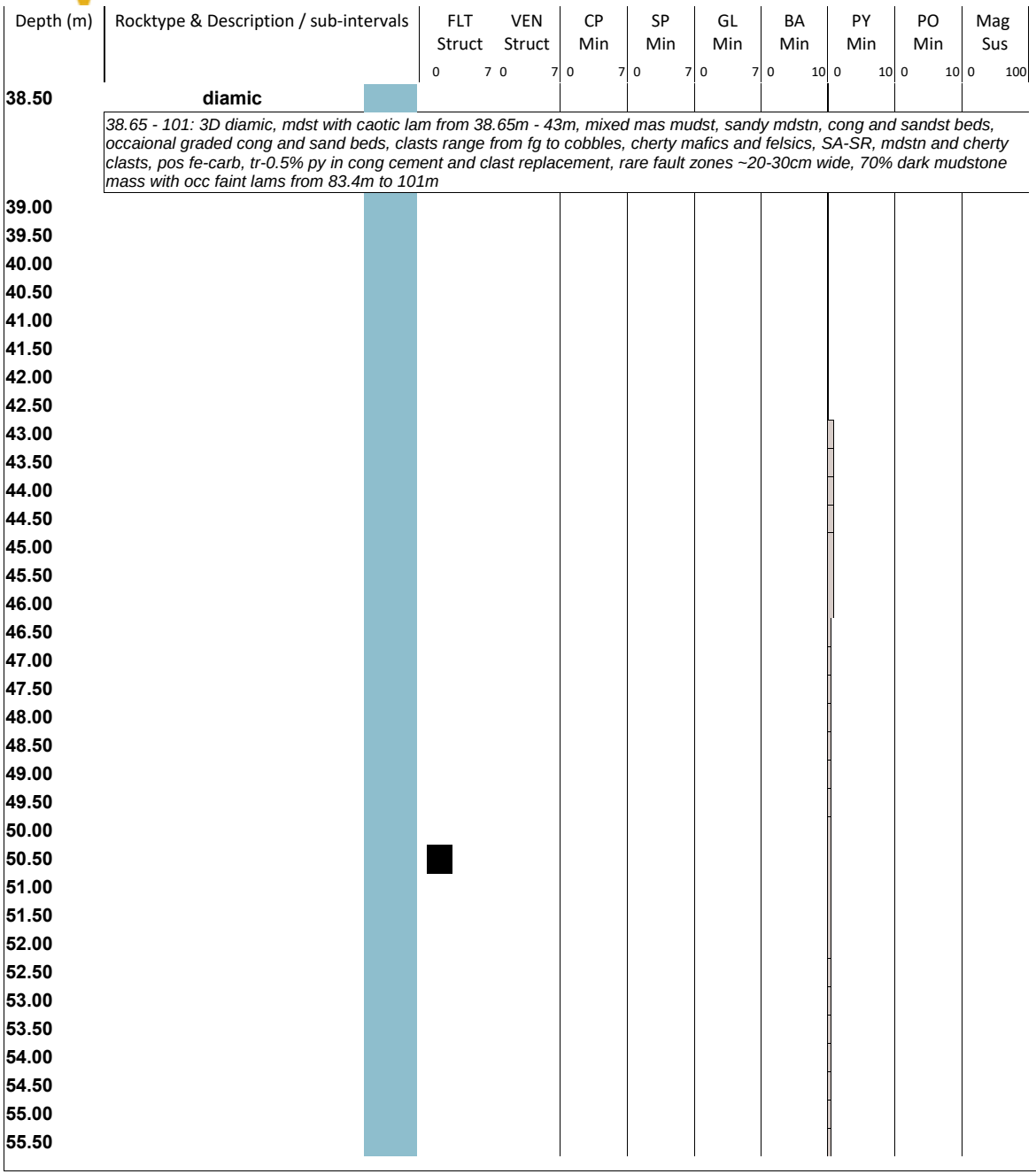
Project: FWZ **Hole Number:** JS17-005



EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

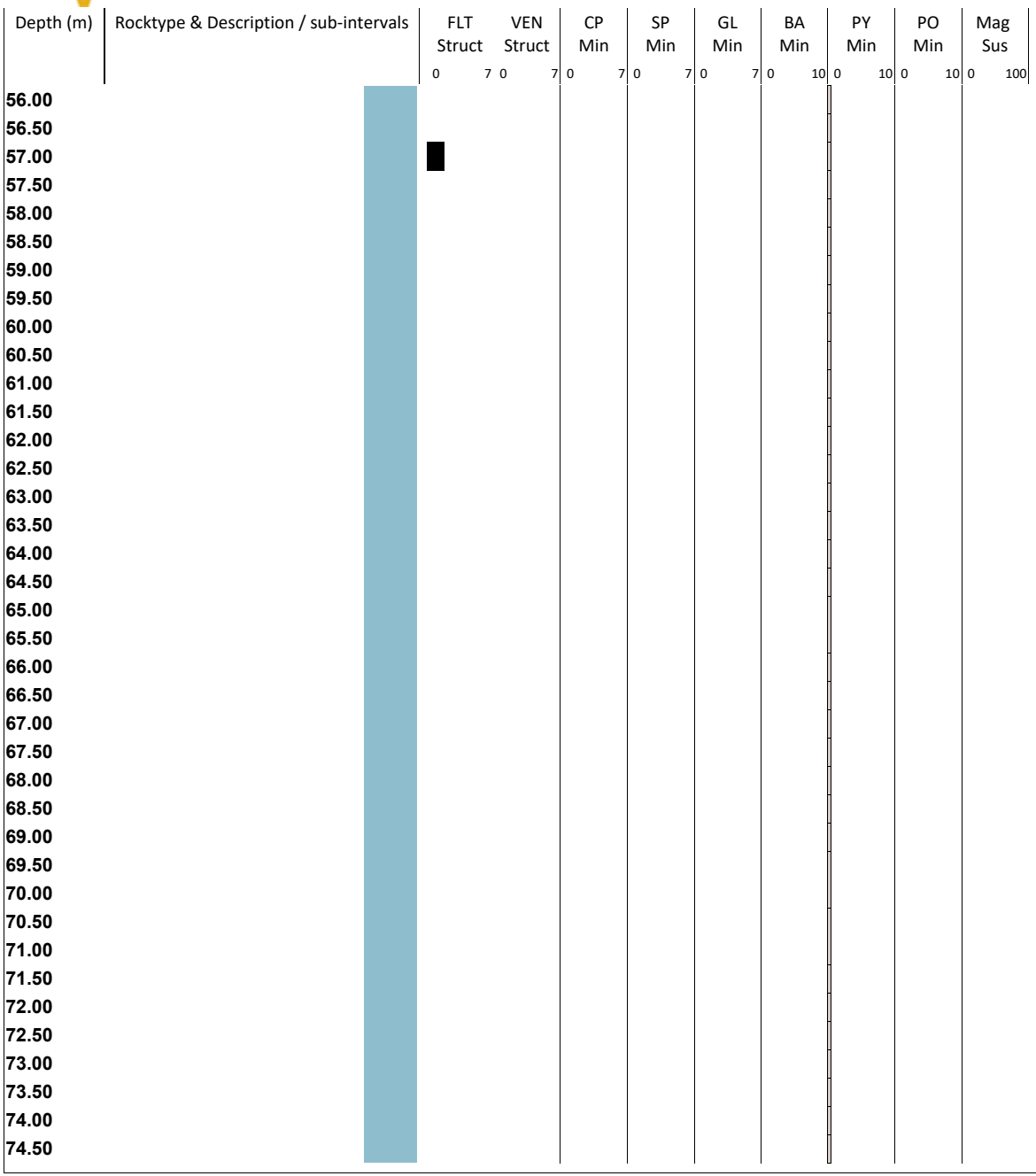


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
42.85	44.00	1.15	1906792	0.072	0.016	2.2	0.29
44.00	45.00	1.00	1906793	0.028	0.023	3.6	0.36
45.00	46.00	1.00	1906794	0.033	0.025	3.9	0.39
46.00	47.00	1.00	1906795	0.008	0.018	2.2	0.28
50.50	51.50	1.00	1906796	0.048	0.006	0.9	0.1

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

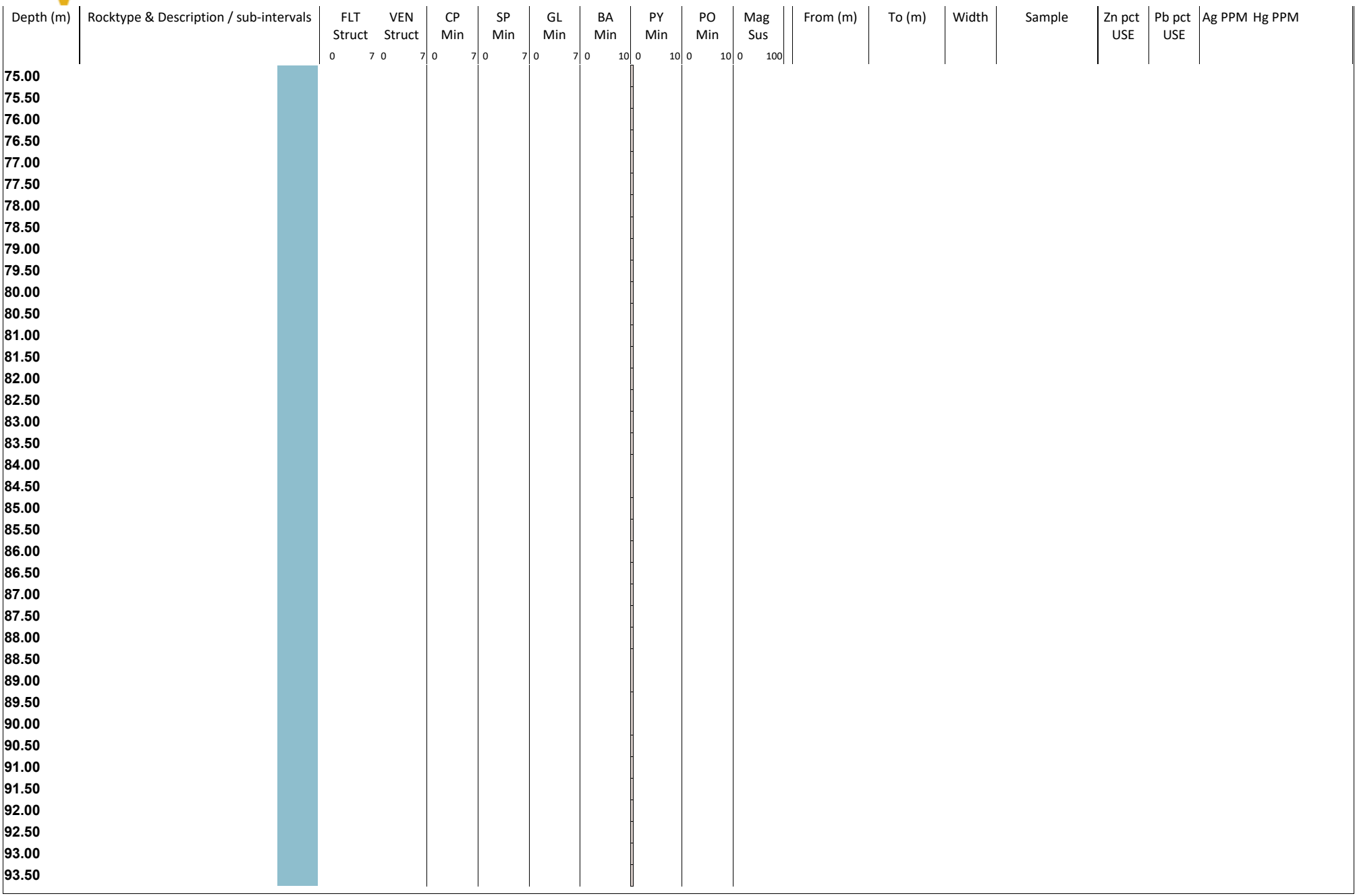


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
73.60	74.60	1.00	1906797	0.033	0.006	0.7	0.16

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

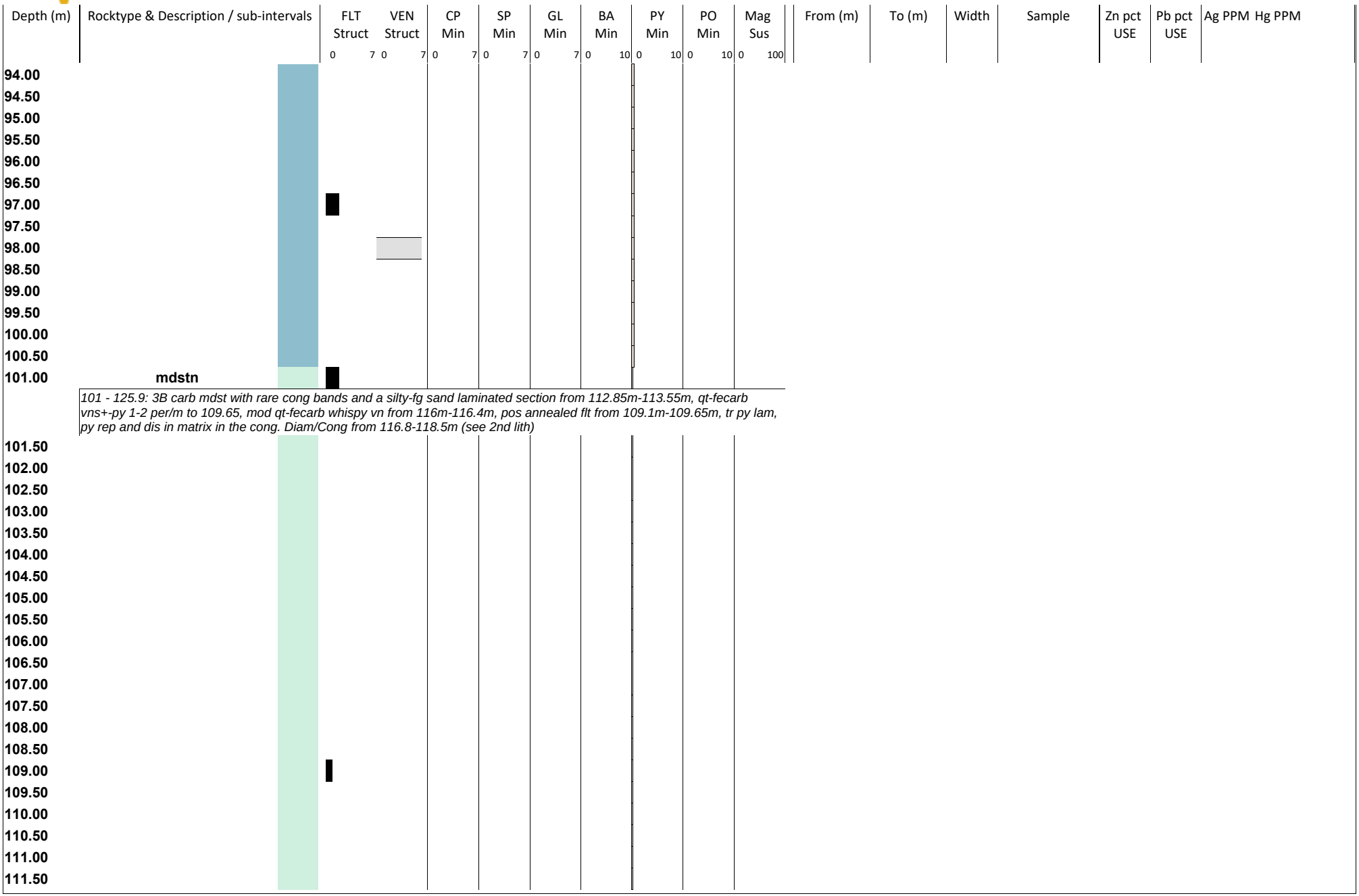
Project: FWZ **Hole Number:** JS17-005



EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

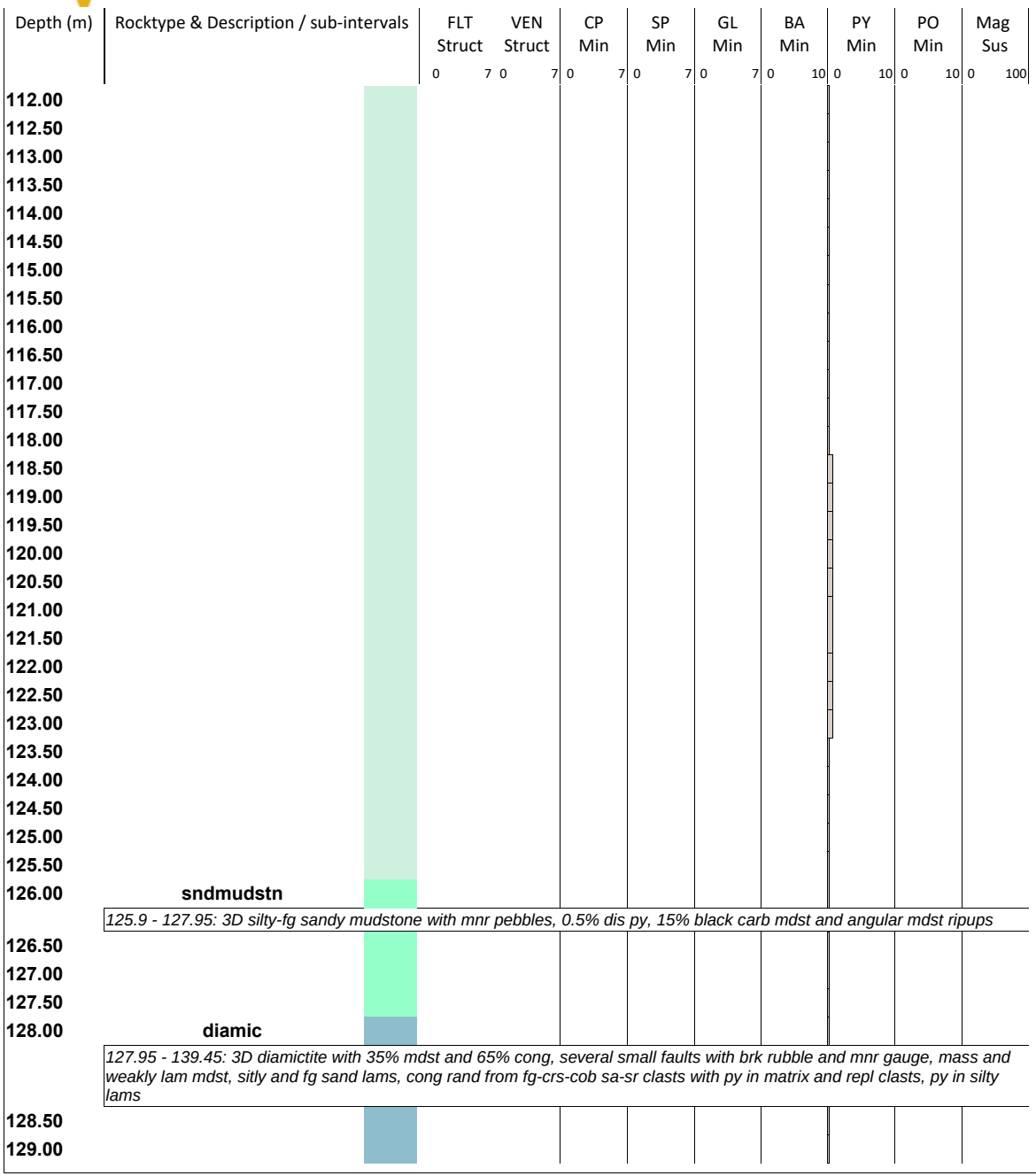
Project: FWZ **Hole Number:** JS17-005



EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

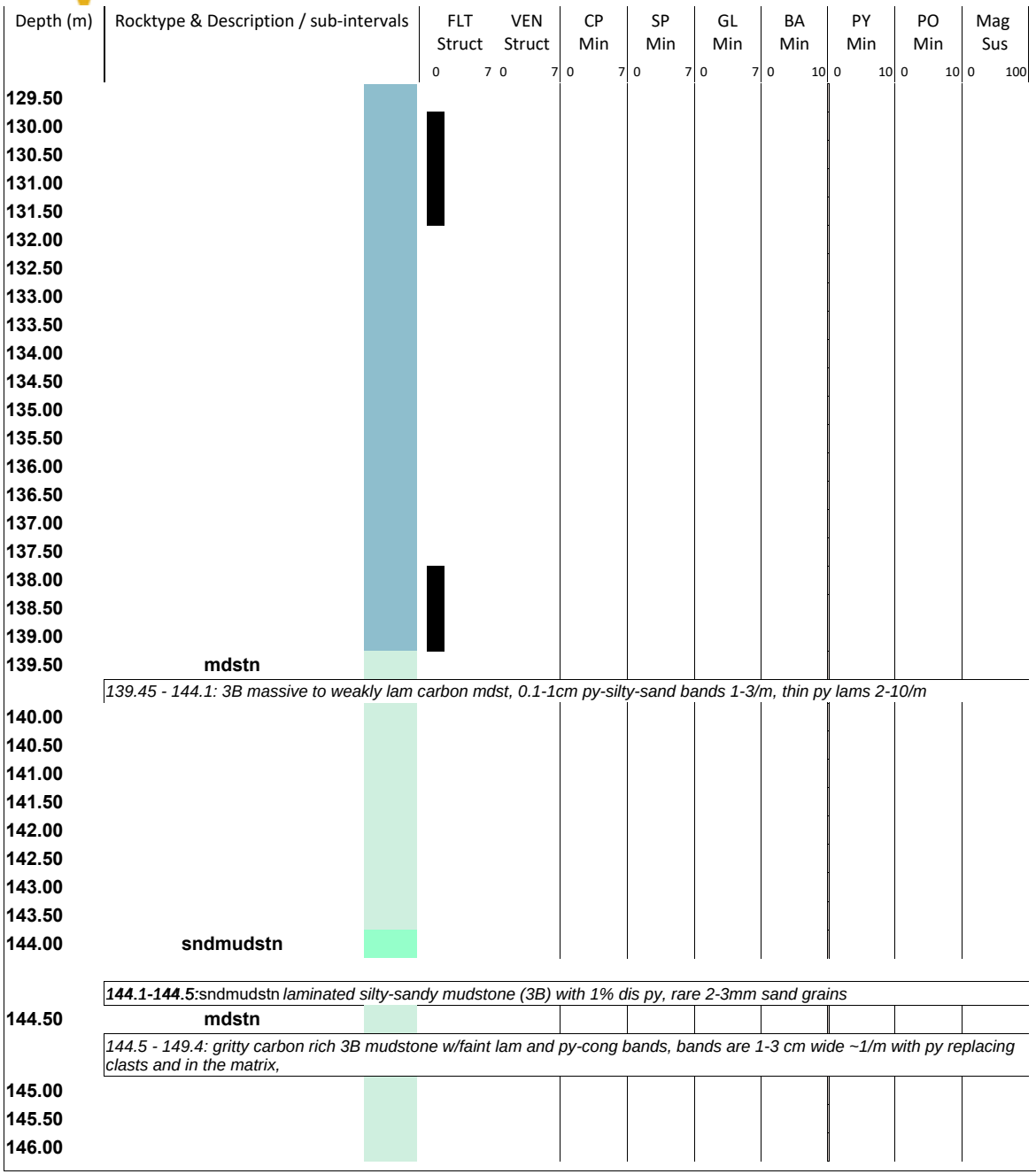


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
111.94	112.90	0.96	1906798	0.122	0.02	1.5	0.29
118.50	120.00	1.50	1906799	0.137	0.01	0.6	0.1

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

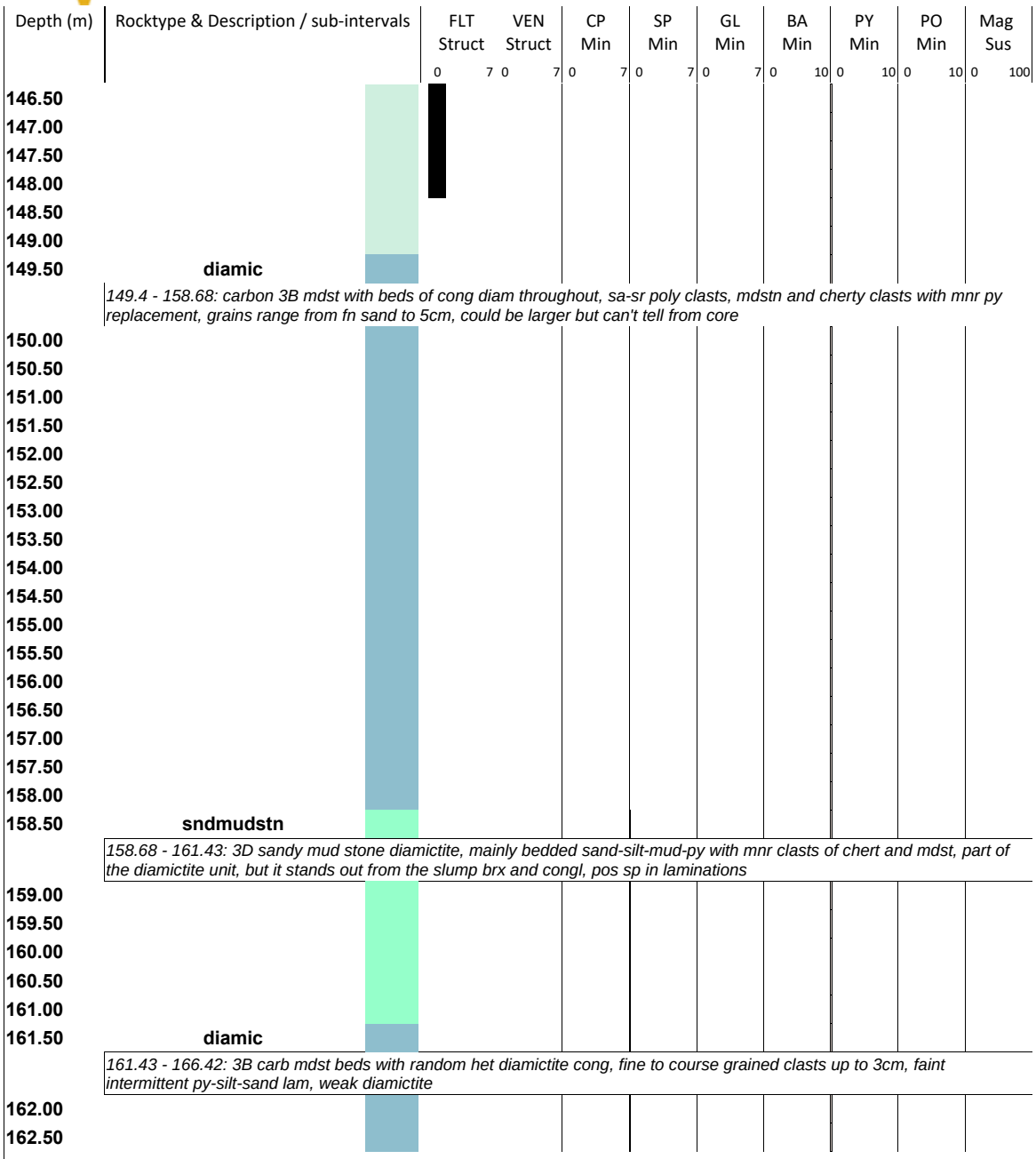


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
134.20	134.57	0.37	1906801	0.007	0.008	1	0.11

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

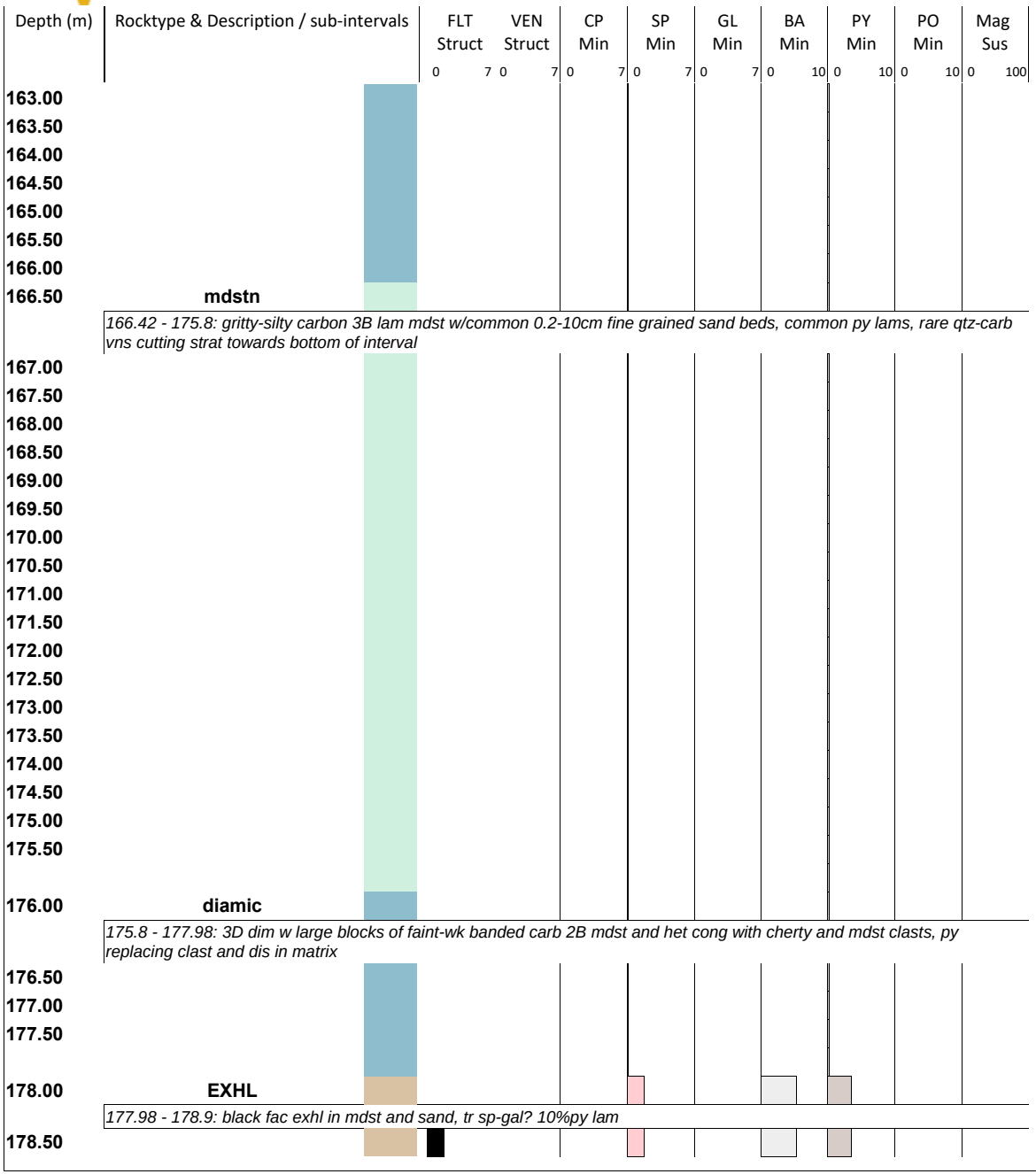


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
155.00	156.50	1.50	1906802	0.01	0.01	0.8	0.21
156.50	158.00	1.50	1906803	0.013	0.013	0.9	0.1
158.00	159.50	1.50	1906804	0.778	0.029	0.7	0.09
159.50	161.00	1.50	1906805	0.826	0.009	0.5	0.06
161.00	162.00	1.00	1906806	0.039	0.018	0.8	0.18
162.00	163.50	1.50	1906807	0.014	0.011	0.7	0.06

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

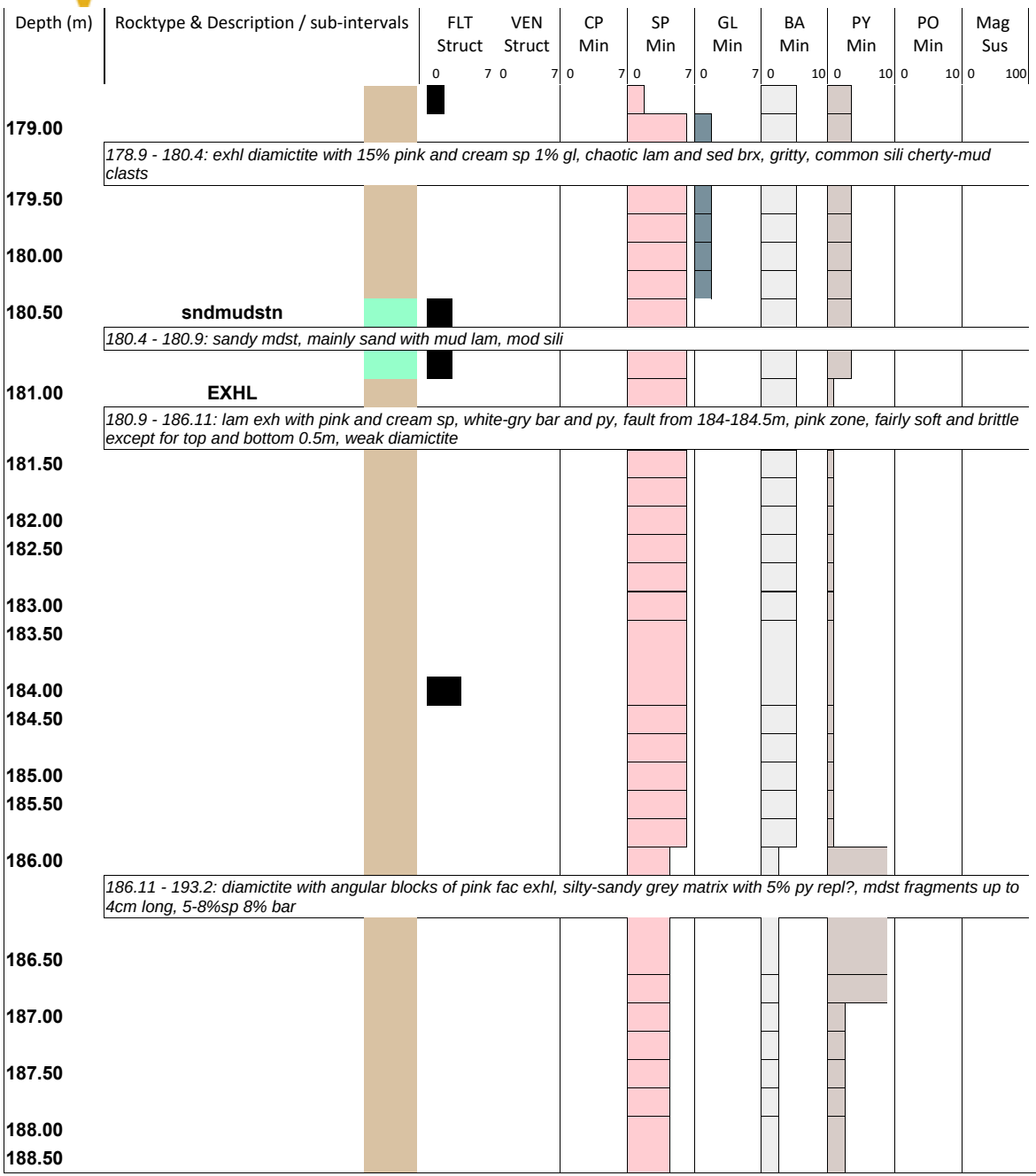


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
163.50	165.00	1.50	1906808	0.111	0.012	0.8	0.17
165.00	166.00	1.00	1906809	0.299	0.013	0.9	0.38
166.00	167.00	1.00	1906811	0.085	0.015	0.6	0.16
167.00	168.00	1.00	1906812	0.06	0.012	-0.5	0.13
168.00	169.00	1.00	1906813	0.393	0.02	0.6	0.64
169.00	170.00	1.00	1906814	0.068	0.013	-0.5	0.16
170.00	171.00	1.00	1906815	0.178	0.013	0.6	0.26
171.00	172.00	1.00	1906816	0.296	0.015	0.6	0.61
172.00	173.50	1.50	1906817	0.068	0.013	0.5	0.2
173.50	175.00	1.50	1906818	0.062	0.016	0.5	0.19
175.00	175.80	0.80	1906819	0.126	0.05	0.7	0.44
175.80	176.50	0.70	1906821	0.292	0.032	0.7	0.51
176.50	177.98	1.48	1906822	0.726	0.077	1.1	1.37
177.98	178.92	0.94	1906823	8.25	2.62	3.9	28.86

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

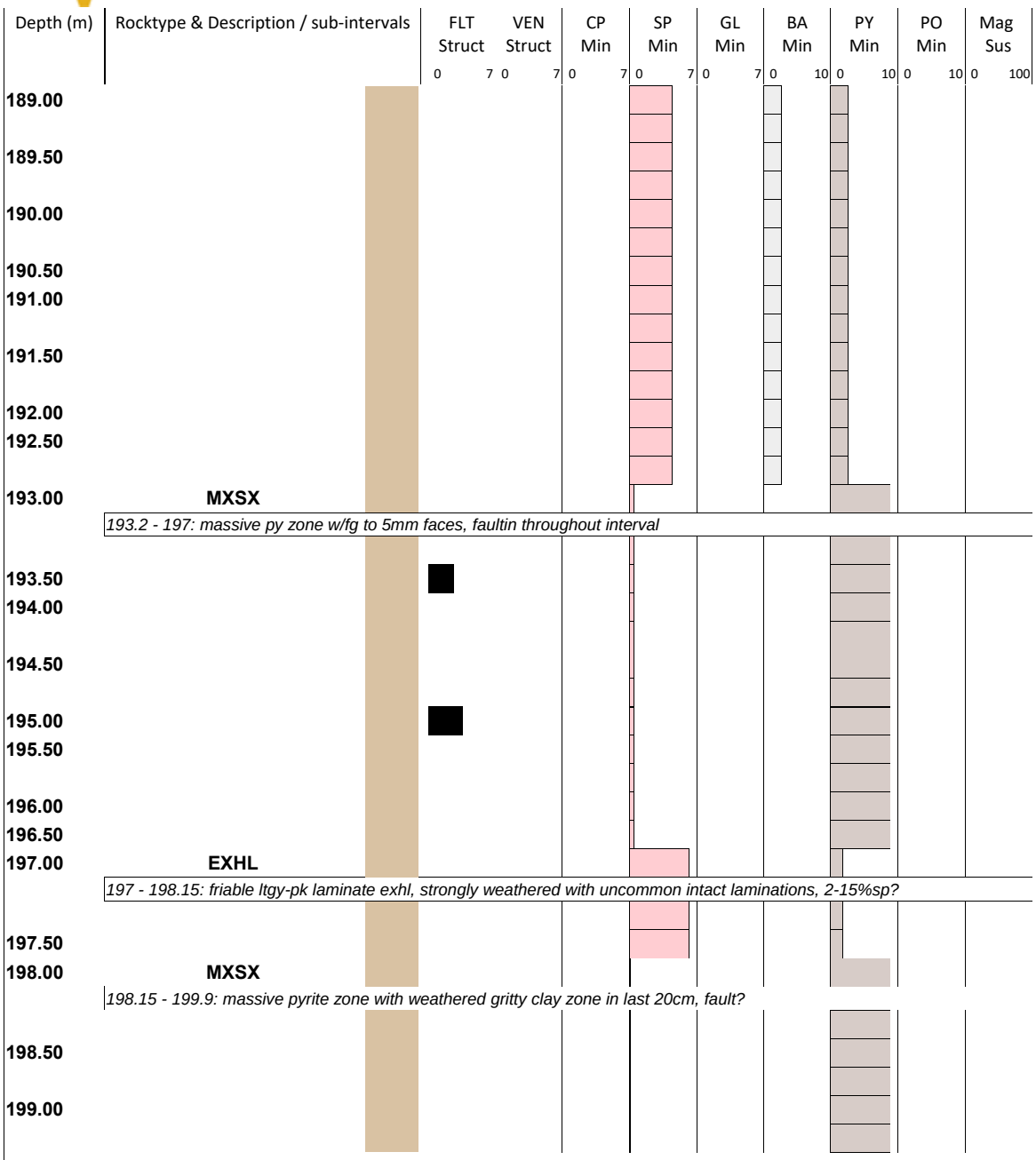


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
178.92	179.68	0.76	1906824	8.22	10	0.6	16.69
179.68	180.47	0.79	1906825	5.475	2.71	-0.5	10.1
180.47	180.90	0.43	1906826	1.182	1.151	0.7	1.94
180.90	181.70	0.80	1906827	12.85	3.54	0.8	9.09
181.70	182.60	0.90	1906828	6.84	2.082	-0.5	8.19
182.60	183.71	1.11	1906831	7.326	2.48	-0.5	8.26
183.71	184.60	0.89	1906832	6.487	1.244	-0.5	3.36
184.60	185.55	0.95	1906833	10.05	2.53	-0.5	12.1
185.55	186.11	0.56	1906834	5.758	1.237	-0.5	4.58
186.11	186.62	0.51	1906835	10.42	2.94	-0.5	5.35
186.62	187.16	0.54	1906836	14.82	2.87	-0.5	2.87
187.16	187.72	0.56	1906837	18.89	3.63	0.6	1.55
187.72	188.50	0.78	1906838	22.5	3.38	0.7	1.78
188.50	189.03	0.53	1906839	20.53	2.85	0.7	1.44

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

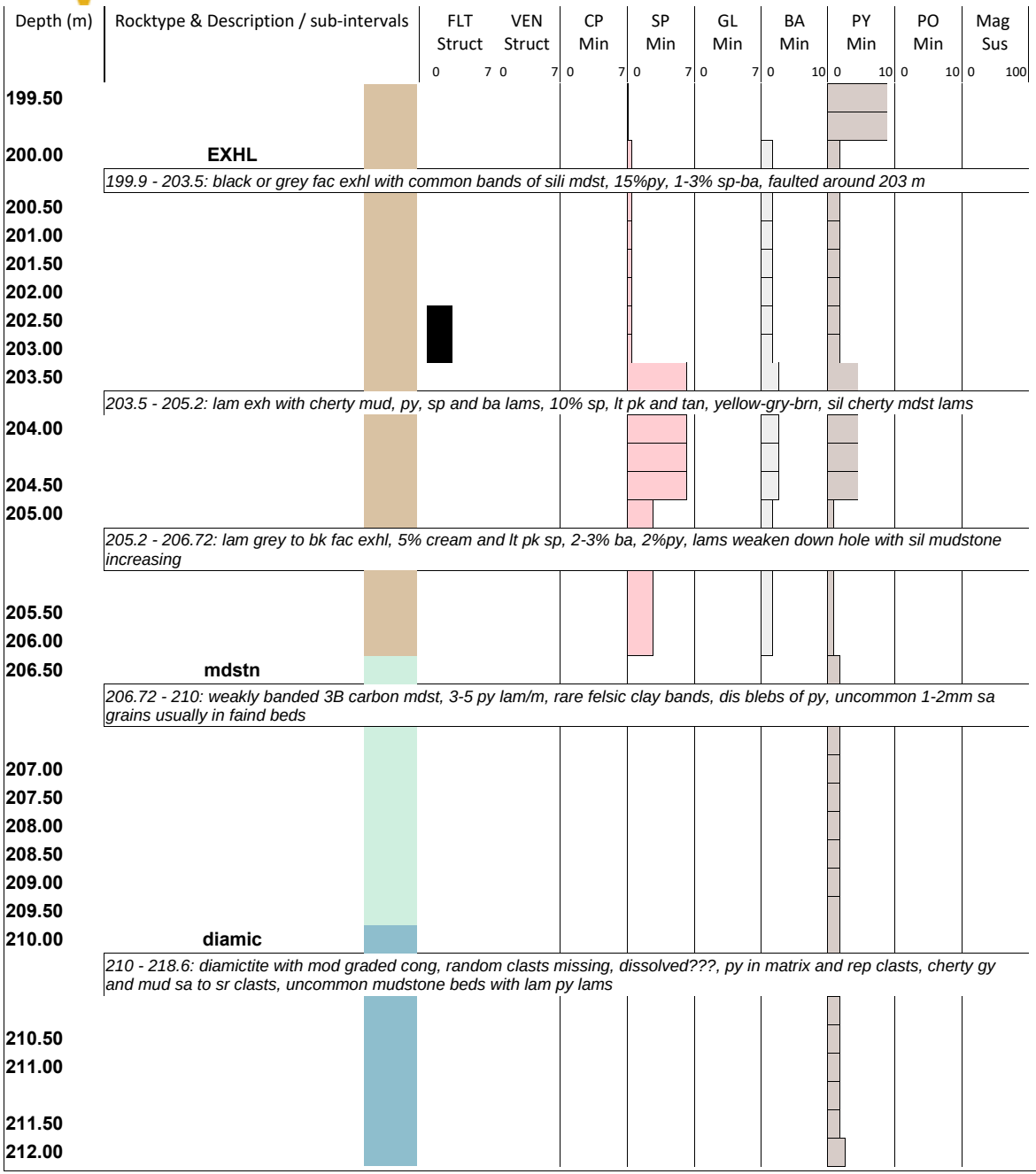


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
189.03	189.60	0.57	1906841	27.46	5.59	0.9	1.56
189.60	190.35	0.75	1906842	13.77	4.14	-0.5	1.17
190.35	191.17	0.82	1906843	16.27	4.21	0.6	0.92
191.17	191.88	0.71	1906844	13.2	2.66	-0.5	0.84
191.88	192.85	0.97	1906845	12.33	2.04	0.6	1.46
192.85	193.22	0.37	1906846	10.11	0.97	-0.5	0.49
193.22	194.20	0.98	1906847	3.748	0.553	-0.5	1.97
194.20	194.90	0.70	1906848	2.928	0.779	-0.5	3.28
194.90	195.60	0.70	1906849	4.128	0.692	-0.5	1.26
195.60	197.00	1.40	1906851	2.984	1.078	-0.5	1.54
197.00	197.45	0.45	1906852	4.203	0.501	-0.5	1.48
197.45	198.15	0.70	1906853	4.881	0.735	-0.5	3.04
198.15	198.70	0.55	1906854	3.744	0.387	-0.5	3.8
198.70	199.35	0.65	1906855	4.201	0.543	-0.5	3.8

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005



199.9 - 203.5: black or grey fac exhl with common bands of sili mdst, 15%py, 1-3% sp-ba, faulted around 203 m

203.5 - 205.2: lam exh with cherty mud, py, sp and ba lams, 10% sp, lt pk and tan, yellow-gry-brn, sil cherty mdst lams

205.2 - 206.72: lam grey to bk fac exhl, 5% cream and lt pk sp, 2-3% ba, 2%py, lams weaken down hole with sil mudstone increasing

206.72 - 210: weakly banded 3B carbon mdst, 3-5 py lam/m, rare felsic clay bands, dis blebs of py, uncommon 1-2mm sa grains usually in faind beds

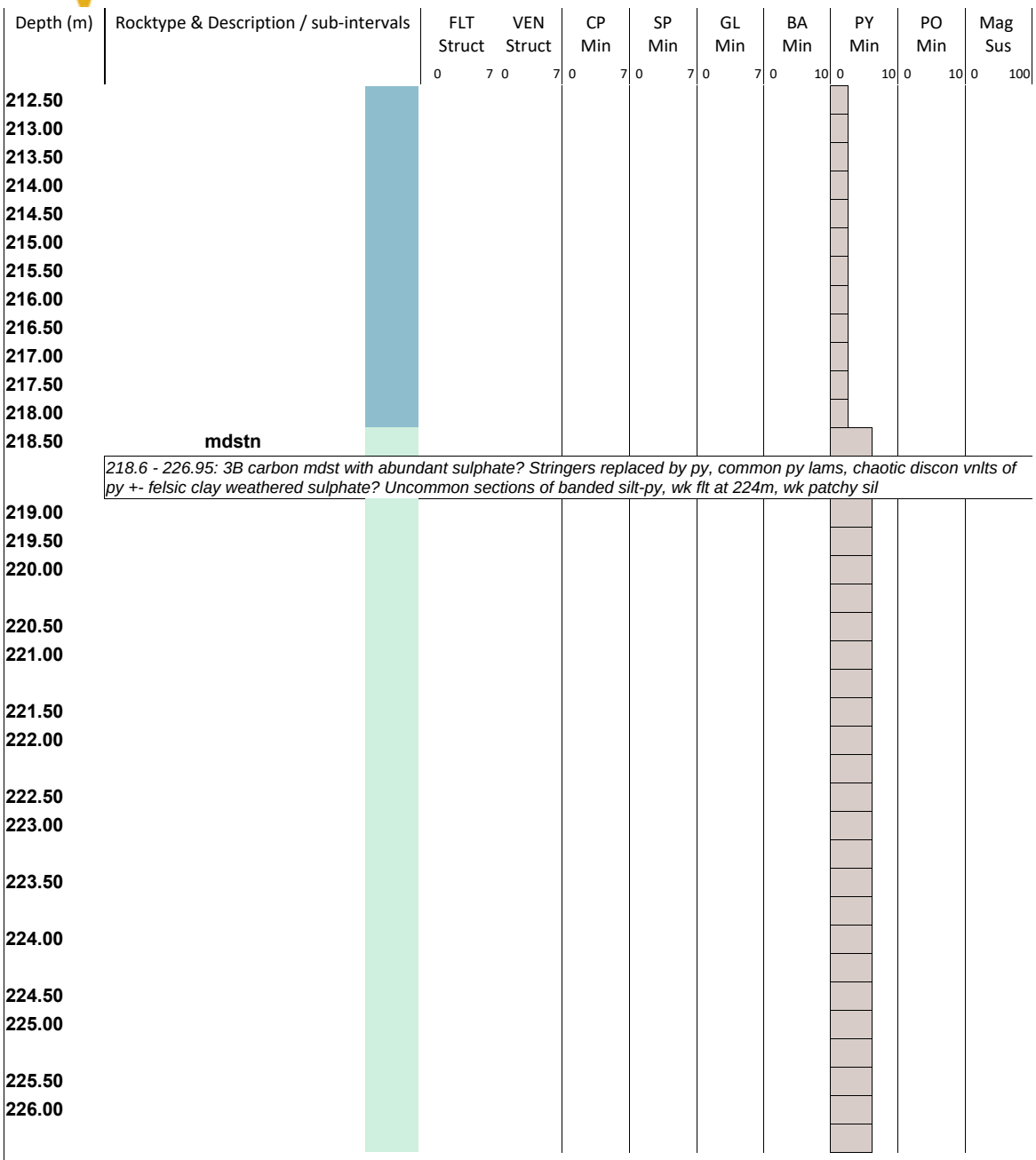
210 - 218.6: diamictite with mod graded cong, random clasts missing, dissolved???, py in matrix and rep clasts, cherty gy and mud sa to sr clasts, uncommon mudstone beds with lam py lams

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
199.35	199.90	0.55	1906856	19.85	0.98	0.7	5.02
199.90	201.00	1.10	1906857	8.69	0.21	-0.5	2.8
201.00	202.00	1.00	1906858	3.626	0.147	-0.5	1.8
202.00	203.00	1.00	1906859	9.51	0.2	-0.5	3.18
203.00	203.50	0.50	1906861	8.48	0.4	0.5	3.12
203.50	204.38	0.88	1906862	19.52	1.36	0.7	5.77
204.38	205.20	0.82	1906863	16.87	1.29	1.2	20.03
205.20	206.00	0.80	1906864	19.83	0.69	3.7	183.8
206.00	206.72	0.72	1906865	10.35	0.1	1.3	86.27
206.72	208.00	1.28	1906866	1.061	0.055	1.6	8.97
208.00	209.00	1.00	1906867	0.183	0.017	0.8	2.37
209.00	210.20	1.20	1906868	0.024	0.01	0.6	0.52
210.20	211.20	1.00	1906869	0.011	0.008	-0.5	0.39
211.20	212.20	1.00	1906871	0.014	0.01	1	0.6

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

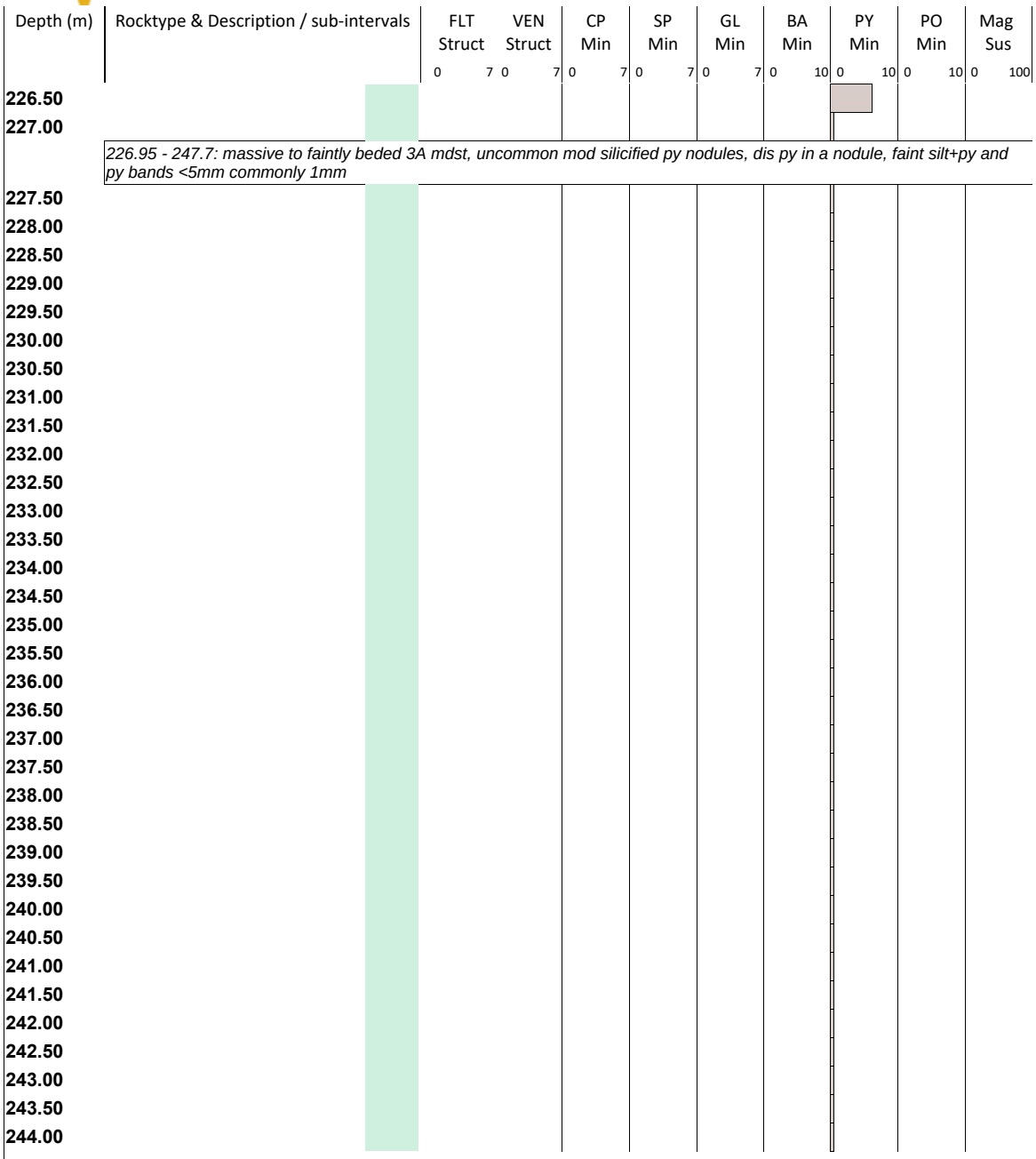


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
218.43	219.50	1.07	1906872	0.035	0.008	0.7	1.35
219.50	220.30	0.80	1906873	0.045	0.01	0.7	1.67
220.30	221.30	1.00	1906874	0.103	0.006	0.6	2.45
221.30	222.20	0.90	1906875	0.167	0.008	0.7	1.62
222.20	223.25	1.05	1906876	0.054	0.01	1	1.27
223.25	223.55	0.30	1906877	0.011	0.006	0.6	0.36
223.55	224.10	0.55	1906878	0.025	0.011	0.7	1.76
224.10	225.10	1.00	1906879	0.02	0.01	1.4	1.34
225.10	226.10	1.00	1906881	0.029	0.01	1.3	1.62
226.10	227.00	0.90	1906882	0.023	0.01	0.8	2.7

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
227.00	228.50	1.50	1906883	0.037	0.007	1	0.52
228.50	230.00	1.50	1906884	0.029	0.011	1.1	0.35
230.00	231.50	1.50	1906885	0.01	0.008	1.2	0.35

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GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-005

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0 7	VEN Struct 0 7	CP Min 0 7	SP Min 0 7	GL Min 0 7	BA Min 0 10	PY Min 0 10	PO Min 0 10	Mag Sus 0 100	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
244.50																		
245.00																		
245.50																		
246.00																		
246.50																		
247.00																		
247.50																		

End of Hole @ 247.7

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GeoSpark Logger ~ Strip Log

Project: **FWZ** **Hole Number:** **JS17-006**

Prospect:	Jason	Hole Type:	DDH	Survey Type:	RTK DGPS	Logged By:	JE
Grid:	UTM NAD83 Canada Zone 9	Hole Diameter:		Survey By:	CA	Date Logging Start:	8/23/2017
UTM Easting:	436483.42	Core Size:	HQ	Azimuth:	15	Date Logging Complete:	8/25/2017
UTM Northing:	7002761.95	Casing Pulled?:	NO	Dip:	-60	Drill Company:	NA
UTM Elev. (m):	1298.52	Casing Depth (m):	7.5	Length (m):	101	Drill Rig:	
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/22/2017
Local Northing:		Cemented?:	YES	Core Storage Loc.:		Drill Completed:	8/24/2017
Local Elev. (m):						Purpose:	Metallurgical
Comments:						Parent Hole:	

planned to extend high grade west 20m and check revised position of JS81-076 before the zone becomes lower grade further west.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
23	-60.5	352.2	20.5	12.7	EZ Shot	NA	8/22/2017	58958	☑	
53	-60.4	336.6	20.5	357.1	EZ Shot	NA	8/23/2017	11771	☐	
65	-60.6	351.8	20.5	12.3	EZ Shot	NA	8/23/2017	58440	☑	
95	-60.8	352.7	20.5	13.2	EZ Shot	NA	8/24/2017	58431	☑	

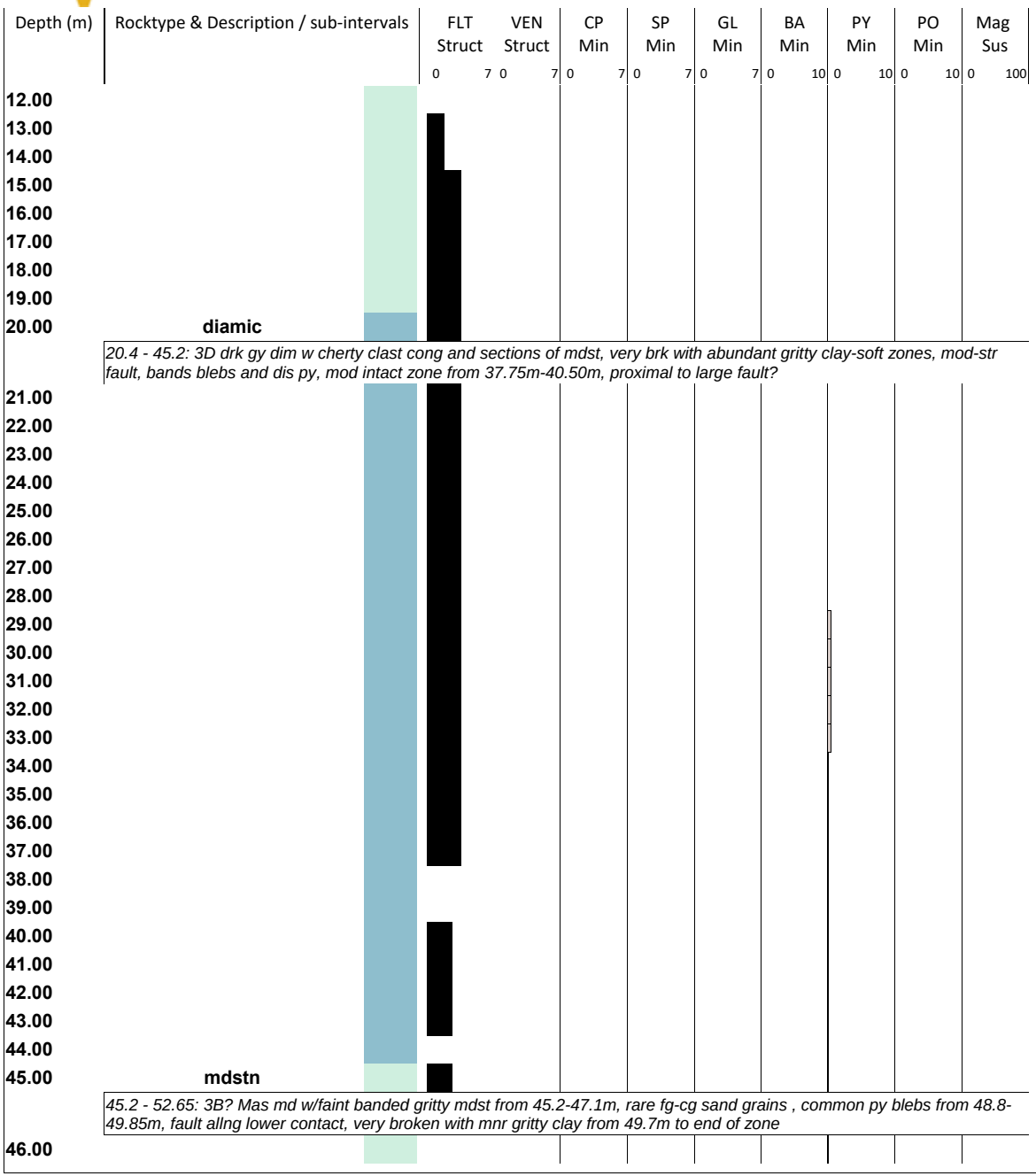
Depth (m)	Rocktype & Description / sub-intervals	FLT Struct 0–7	VEN Struct 0–7	CP Min 0–7	SP Min 0–7	GL Min 0–7	BA Min 0–10	PY Min 0–10	PO Min 0–10	Mag Sus 0–100
0.00	**cas**									
1.00										
2.00										
3.00										
4.00										
5.00										
6.00										
7.00										
8.00	**diamic**									
	7.5 - 9.75: 3D weathered diamictite with wk-mod feox									
9.00										
10.00	**mdstn**									
	9.75 - 20.4: 3A mdst with silty lam, very brk and soft, uncommmon qtz-carb stringers, sections of gritty clay from 14.2-20.4, faulted or weathered or both, silty bands contain feox									
11.00										

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-006

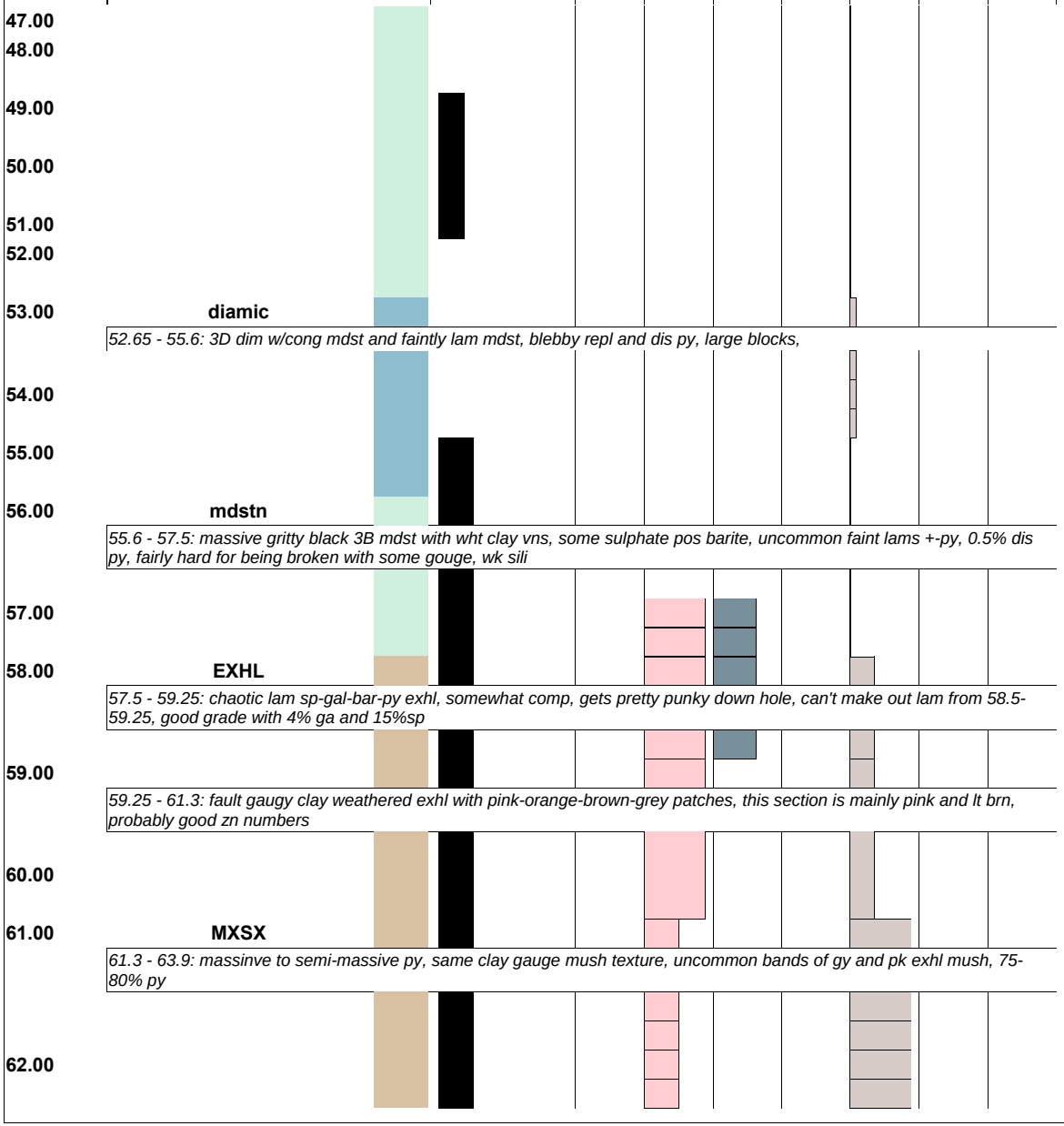


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
40.30	41.78	1.48	1906886	0.003	0.033	0.7	0.09

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-006

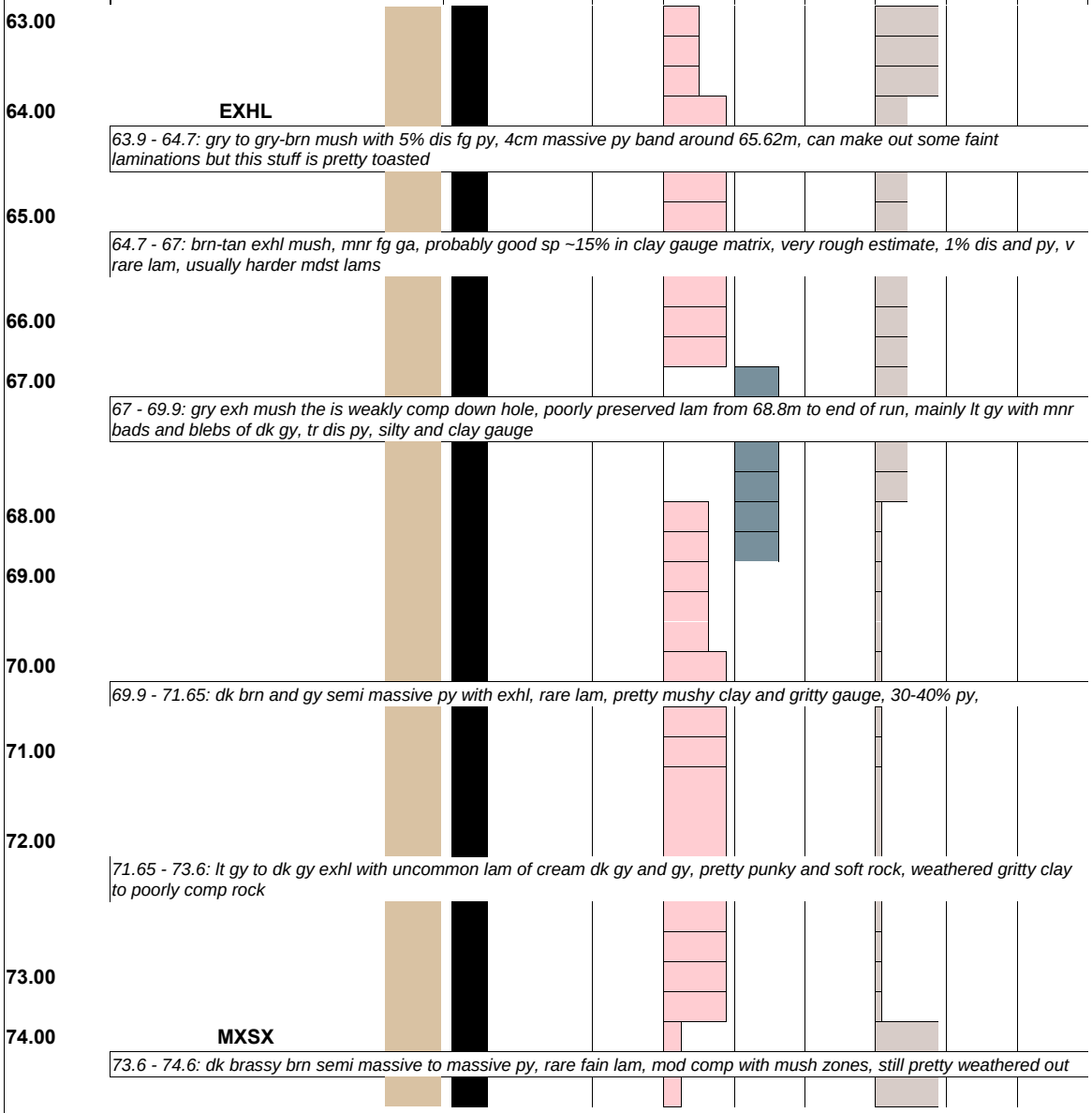


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
47.00	48.50	1.50	1906887	0.03	0.081	0.6	0.35
48.50	49.50	1.00	1906888	0.025	0.157	0.8	0.4
49.50	50.40	0.90	1906889	0.029	0.201	0.8	0.52
50.40	52.50	2.10	1906891	0.982	0.15	0.8	2.8
52.50	53.50	1.00	1906892	2.433	0.31	0.9	7.96
53.50	54.50	1.00	1906893	0.381	0.362	1.3	1.61
54.50	55.50	1.00	1906894	0.222	0.314	0.8	1.38
55.50	56.50	1.00	1906895	0.137	0.517	0.6	1.62
56.50	57.50	1.00	1906896	0.287	0.265	0.6	2.15
57.50	58.47	0.97	1906897	12.37	5.59	4	35.95
58.47	59.15	0.68	1906898	21.25	5.99	3.6	52.68
59.15	60.30	1.15	1906899	12.94	2.97	2.2	40.25
60.30	61.30	1.00	1906901	7.792	3.406	2.5	38.75
61.30	61.90	0.60	1906902	1.426	1.938	2.1	20.41
61.90	62.45	0.55	1906903	2.337	3.144	2.8	25.69
62.45	63.39	0.94	1906904	1.859	2.964	2.8	27.74

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-006

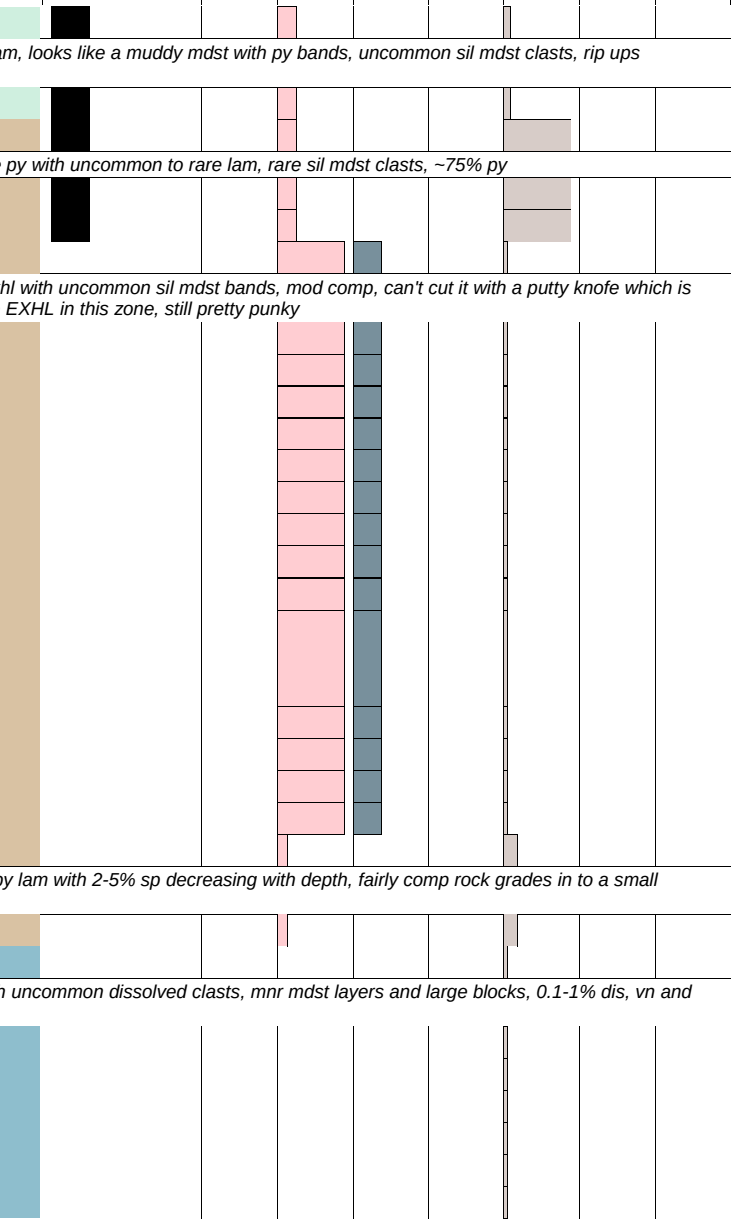


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
63.39	63.90	0.51	1906905	0.67	0.488	0.8	12.34
63.90	64.70	0.80	1906906	5.629	1.206	2.6	28.4
64.70	65.45	0.75	1906907	29.87	1.72	8.9	123.51
65.45	66.40	0.95	1906908	23.88	10.45	3.7	82.78
66.40	67.05	0.65	1906909	30.1	1.53	1.2	99.73
67.05	67.70	0.65	1906911	20.09	4.72	1.2	116.68
67.70	68.40	0.70	1906912	21.43	4.6	1.1	103.05
68.40	69.04	0.64	1906913	3.197	1.231	-0.5	9.43
69.04	69.91	0.87	1906914	3.816	1.244	-0.5	10.57
69.91	70.60	0.69	1906915	7.449	1.783	-0.5	18.97
70.60	71.25	0.65	1906916	3.673	1.971	-0.5	9.01
71.25	71.65	0.40	1906917	2.65	0.551	-0.5	5.33
71.65	72.30	0.65	1906918	8.81	0.96	-0.5	6.75
72.30	72.90	0.60	1906919	8.05	1.91	-0.5	4.59
72.90	73.60	0.70	1906921	11.21	3.33	-0.5	3.76
73.60	74.50	0.90	1906922	4.127	2.333	-0.5	1.79
74.50	75.00	0.50	1906923	10.3	2.59	-0.5	2.55

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-006



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
75.00	**mdstn**	75.00	75.80	0.80	1906924	16.18	5.66	-0.5	2.58
	74.6 - 75.8: dk gry mush with v rare lam, looks like a muddy mdst with py bands, uncommon sil mdst clasts, rip ups maybe??? Weathered to clay/gauge								
		75.80	76.25	0.45	1906925	5.403	3.003	-0.5	1.91
76.00	**MXSX**								
	75.8 - 77.2: dk brassy gy-grn massive py with uncommon to rare lam, rare sil mdst clasts, ~75% py								
		76.25	76.75	0.50	1906926	6.156	3.982	-0.5	2.34
77.00	**EXHL**	76.75	77.20	0.45	1906927	3.315	2.35	-0.5	2.28
	77.2 - 83.83: punky brn-tan-gy lam exhl with uncommon sil mdst bands, mod comp, can't cut it with a putty knofe which is more than I can say for the rest of the EXHL in this zone, still pretty punky								
		77.20	78.00	0.80	1906928	21.22	4.77	-0.5	1.18
78.00		78.00	78.65	0.65	1906929	24.67	3.7	-0.5	1.03
		78.65	79.00	0.35	1906931	23.61	2.98	-0.5	1.1
79.00		79.00	79.51	0.51	1906932	15.35	2.08	-0.5	1.25
		79.51	80.00	0.49	1906933	20.03	1.7	-0.5	1.2
80.00									
		80.00	80.50	0.50	1906934	20.65	5.77	-0.5	1.18
81.00									
		80.50	81.07	0.57	1906935	18.23	4.75	-0.5	1.04
		81.07	81.50	0.43	1906936	24.45	2.42	-0.5	2.08
82.00									
		81.50	82.10	0.60	1906937	19.77	4.33	0.6	3.61
		82.10	82.70	0.60	1906938	20.71	4.46	0.6	5.59
83.00		82.70	83.40	0.70	1906939	20.53	4.86	3.1	96.04
		83.40	83.83	0.43	1906941	18.98	4.04	6.2	86.74
		83.83	84.57	0.74	1906942	0.355	0.028	1.2	4.25
84.00									
	83.83 - 84.67: black fac exhl, mainly py lam with 2-5% sp decreasing with depth, fairly comp rock grades in to a small section of mdst								
		84.57	85.50	0.93	1906943	0.013	0.015	-0.5	0.63
85.00	**diamic**								
	84.67 - 98.95: cong dominant dim with uncommon dissolved clasts, mnr mdst layers and large blocks, 0.1-1% dis, vn and bleb py, rare milky qtz vns 2-10mm								
		85.50	87.00	1.50	1906944	0.007	0.013	0.6	0.33
86.00									
87.00		87.00	88.50	1.50	1906945	0.006	0.01	-0.5	0.24
88.00									
		88.50	90.00	1.50	1906946	0.006	0.019	-0.5	0.29
89.00									

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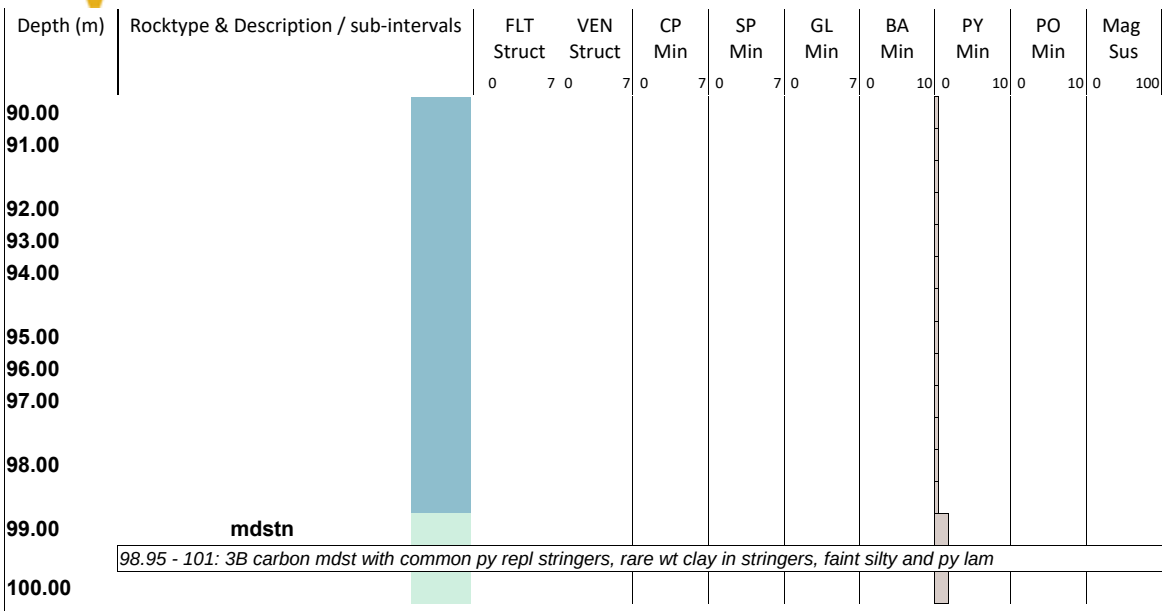
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-006



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
90.00	91.50	1.50	1906947	0.004	0.011	0.6	0.22
91.50	93.00	1.50	1906948	0.004	0.011	-0.5	0.25
93.00	94.50	1.50	1906949	0.005	0.01	-0.5	0.16
94.50	96.00	1.50	1906951	0.016	0.009	-0.5	0.1
96.00	97.50	1.50	1906952	0.008	0.013	-0.5	0.33
97.50	98.90	1.40	1906953	0.005	0.008	-0.5	0.12
98.90	100.00	1.10	1906954	0.006	0.015	0.6	0.6
100.00	101.00	1.00	1906955	0.004	0.007	0.7	0.43

End of Hole @ 101

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GeoSpark Logger ~ Strip Log

Project: **FWZ** **Hole Number:** **JS17-007**

Prospect:	Jason	Hole Type:	DDH	Survey Type:	RTK DGPS	Logged By:	JE
Grid:	UTM NAD83 Canada Zone 9	Hole Diameter:		Survey By:	CA	Date Logging Start:	8/26/2017
UTM Easting:	436338.42	Core Size:	HQ	Azimuth:	13	Date Logging Complete:	8/28/2017
UTM Northing:	7002792.99	Casing Pulled?:	NO	Dip:	-45	Drill Company:	NA
UTM Elev. (m):	1298.54	Casing Depth (m):	6	Length (m):	106.5	Drill Rig:	
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/25/2017
Local Northing:		Cemented?:	YES	Core Storage Loc.:		Drill Completed:	8/27/2017
Local Elev. (m):						Purpose:	Metallurgical
						Parent Hole:	

Comments:

planned as a 50 m step out to the west of a good intersection in JS75-005

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
14	-49.6	350.4	20.5	10.9	EZ Shot	NA	8/25/2017	60227	☑	
44	-49.6	350	20.5	10.5	EZ Shot	NA	8/26/2017	58252	☑	
74	-49.8	349.9	20.5	10.4	EZ Shot	NA	8/26/2017	58219	☑	
104	-49.5	350.5	20.5	11	EZ Shot	NA	8/27/2017	58585	☑	

Depth (m)	Rocktype & Description / sub-intervals	FLT Struct (0–7)	VEN Struct (0–7)	CP Min (0–7)	SP Min (0–7)	GL Min (0–7)	BA Min (0–10)	PY Min (0–10)	PO Min (0–10)	Mag Sus (0–100)
0.00	**cas**									
1.00										
2.00										
3.00										
4.00										
5.00										
6.00										
7.00										
8.00										
9.00	**mdstn**									
	9 - 17.84: black clay and broken mdst, 70cm of comp rock in the interval									
10.00										
11.00										
12.00										
13.00										

From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM

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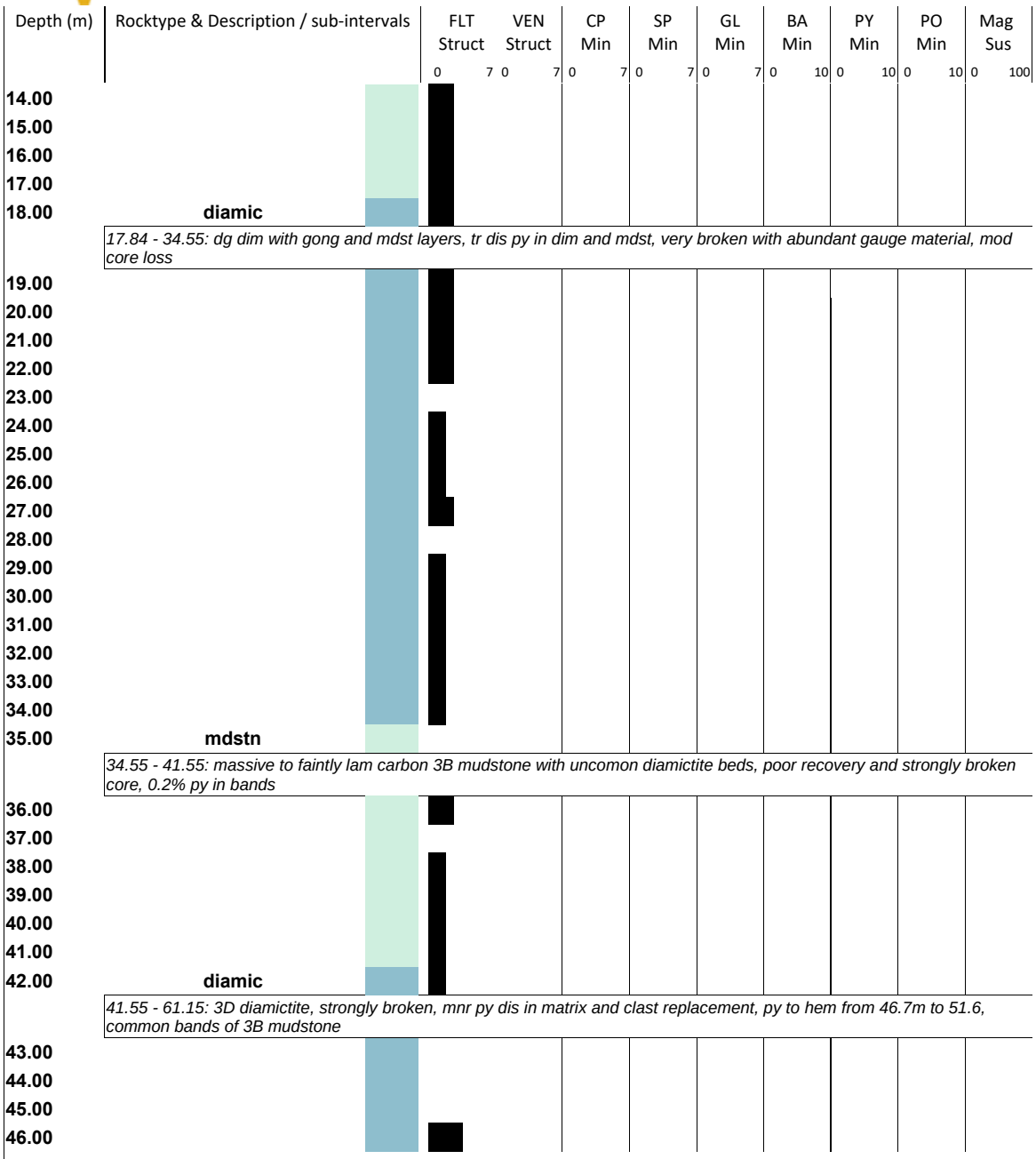
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-007

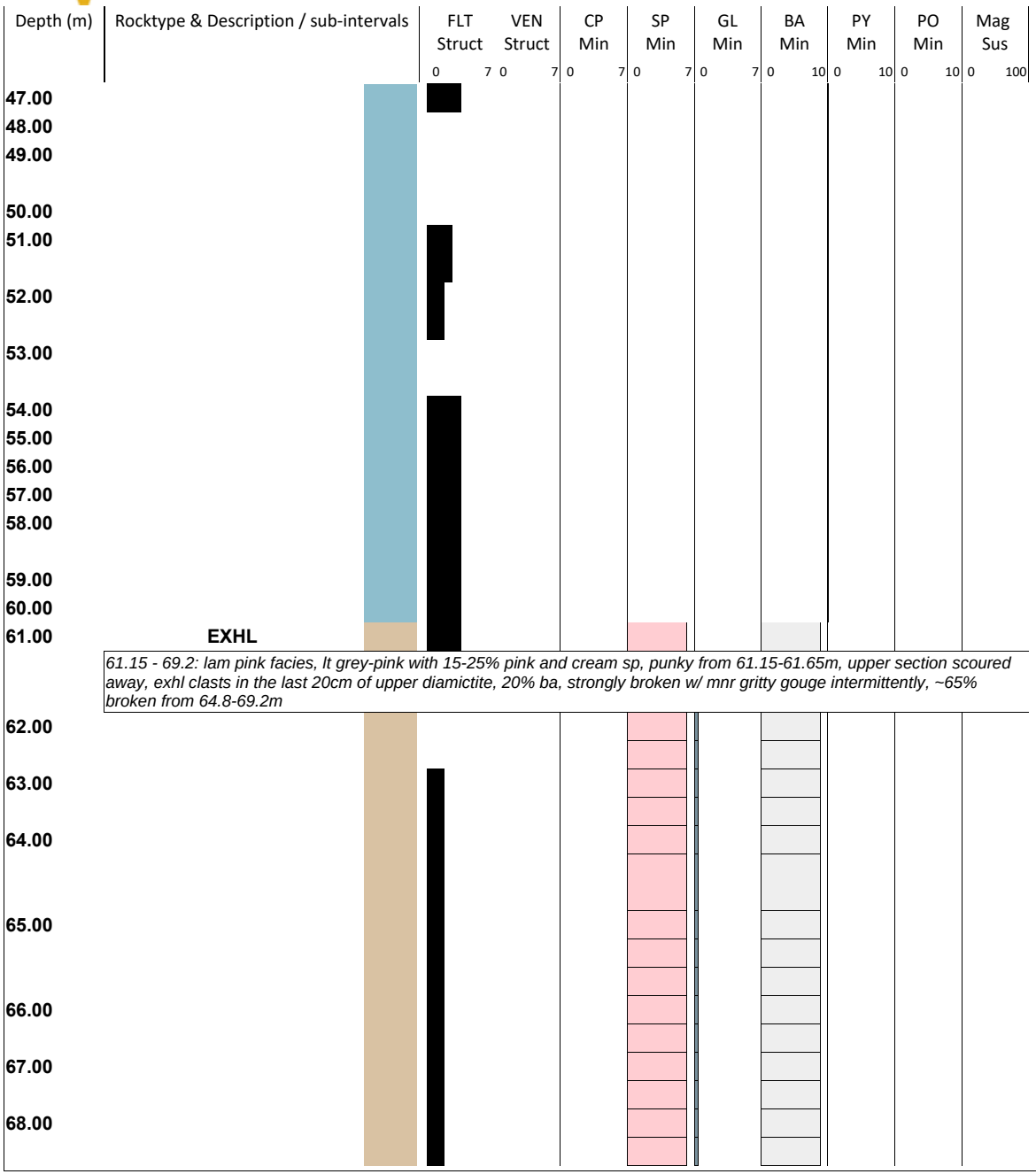


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-007

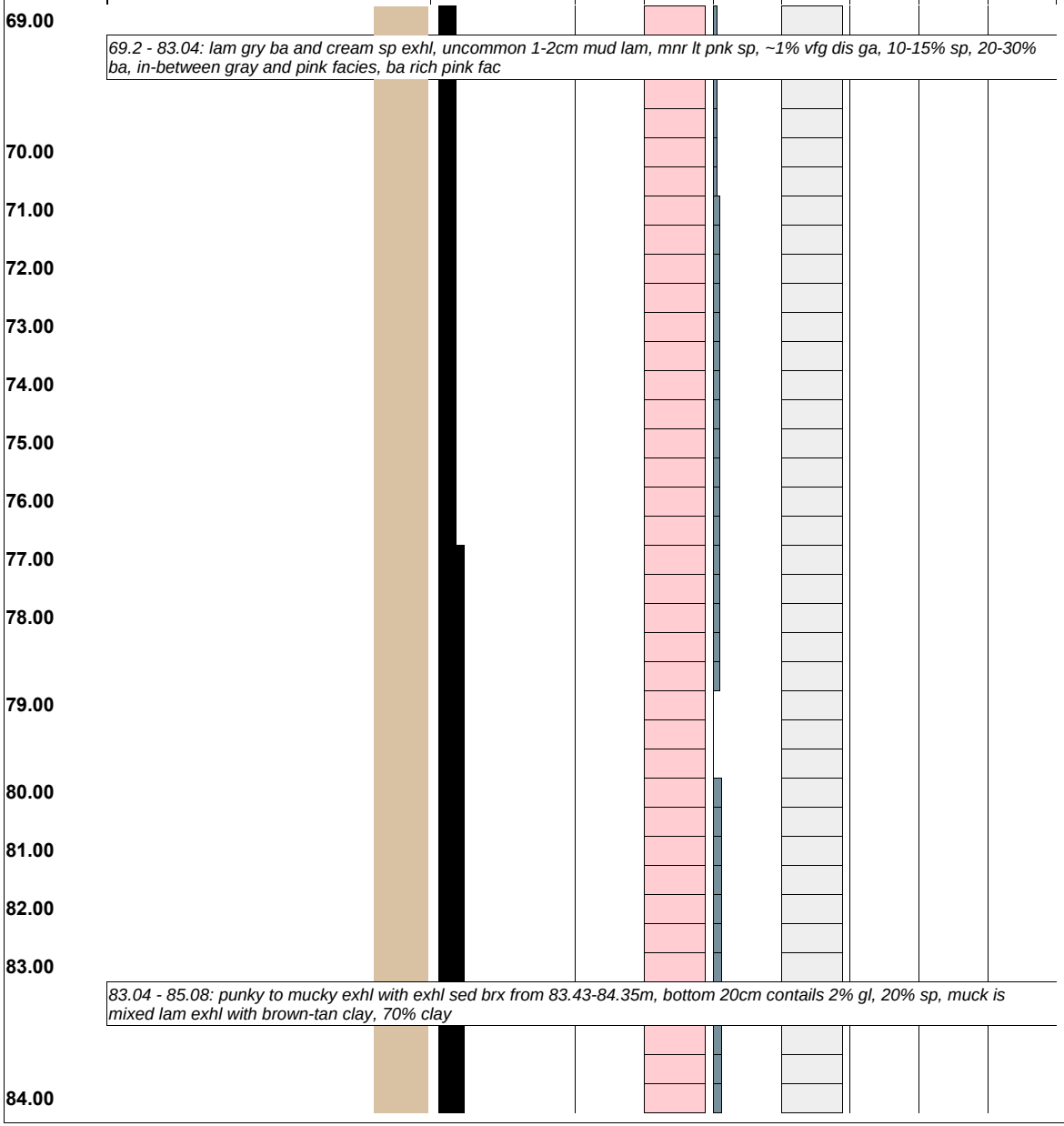


From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
47.80	49.00	1.20	1906956	0.007	0.014	0.6	0.08
49.00	49.80	0.80	1906957	0.002	0.016	0.8	0.14
49.80	51.30	1.50	1906958	0.003	0.015	0.8	0.13
51.30	52.80	1.50	1906959	0.002	0.017	0.6	0.07
52.80	53.89	1.09	1906961	0.003	0.021	0.7	0.07
53.89	55.00	1.11	1906962	0.004	0.04	0.9	0.13
55.00	57.00	2.00	1906963	0.002	0.036	0.5	0.11
57.00	58.50	1.50	1906964	0.004	0.054	0.7	0.14
58.50	60.00	1.50	1906965	0.029	0.156	2	0.22
60.00	61.00	1.00	1906966	1.027	0.358	2.3	2.08
61.00	62.00	1.00	1906967	9.429	8.55	34.6	12.22
62.00	62.75	0.75	1906968	4.92	4.06	2.7	11.01
62.75	63.40	0.65	1906969	2.426	1.086	2.7	4.44
63.40	64.10	0.70	1906971	3.624	1.231	3.4	3.26
64.10	64.80	0.70	1906972	3.813	0.791	1.8	4.13
64.80	65.05	0.25	1906973	3.804	0.546	1.5	3.48
65.05	65.50	0.45	1906974	4.063	0.834	1.2	5.27
65.50	66.35	0.85	1906975	4.909	0.526	0.9	6.82
66.35	67.20	0.85	1906976	3.262	0.723	0.6	4.1
67.20	68.00	0.80	1906977	5.053	0.455	0.9	7.06
68.00	68.50	0.50	1906978	1.794	0.454	-0.5	3.48

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-007



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
68.50	69.20	0.70	1906979	1.93	0.843	1	2.67
69.20	69.90	0.70	1906981	2.652	0.625	-0.5	1.98
69.90	70.60	0.70	1906982	3.145	0.395	-0.5	1.32
70.60	71.30	0.70	1906983	2.685	0.436	-0.5	0.59
71.30	72.00	0.70	1906984	3.819	1.009	-0.5	2.13
72.00	72.65	0.65	1906985	4.403	0.286	-0.5	2.95
72.65	73.30	0.65	1906986	4.971	0.736	-0.5	3.85
73.30	74.30	1.00	1906987	3.122	0.394	-0.5	1.34
74.30	75.00	0.70	1906988	3.736	0.512	-0.5	0.76
75.00	75.50	0.50	1906989	4.933	0.451	-0.5	0.24
75.50	76.00	0.50	1906991	3.868	0.246	-0.5	0.19
76.00	76.60	0.60	1906992	5.444	0.187	-0.5	0.26
76.60	77.00	0.40	1906993	5.771	0.447	-0.5	0.2
77.00	77.60	0.60	1906994	3.674	1.123	-0.5	0.12
77.60	78.10	0.50	1906995	4.222	0.272	-0.5	0.1
78.10	78.60	0.50	1906996	5.528	0.309	-0.5	0.17
78.60	79.35	0.75	1906997	5.417	0.418	-0.5	0.23
79.35	79.95	0.60	1906998	5.477	0.314	-0.5	0.12
79.95	80.45	0.50	1906999	6.485	0.568	-0.5	0.21
80.45	81.00	0.55	1907001	6.236	0.668	-0.5	0.23
81.00	81.50	0.50	1907002	7.616	0.846	-0.5	0.44
81.50	82.00	0.50	1907003	10.593	1.213	-0.5	0.85
82.00	82.50	0.50	1907004	7.406	1.006	-0.5	0.37
82.50	83.04	0.54	1907005	7.813	1.298	-0.5	0.34
83.04	83.70	0.66	1907006	6.822	1.586	-0.5	0.33
83.70	85.05	1.35	1907007	12.77	3.06	1.7	19.41

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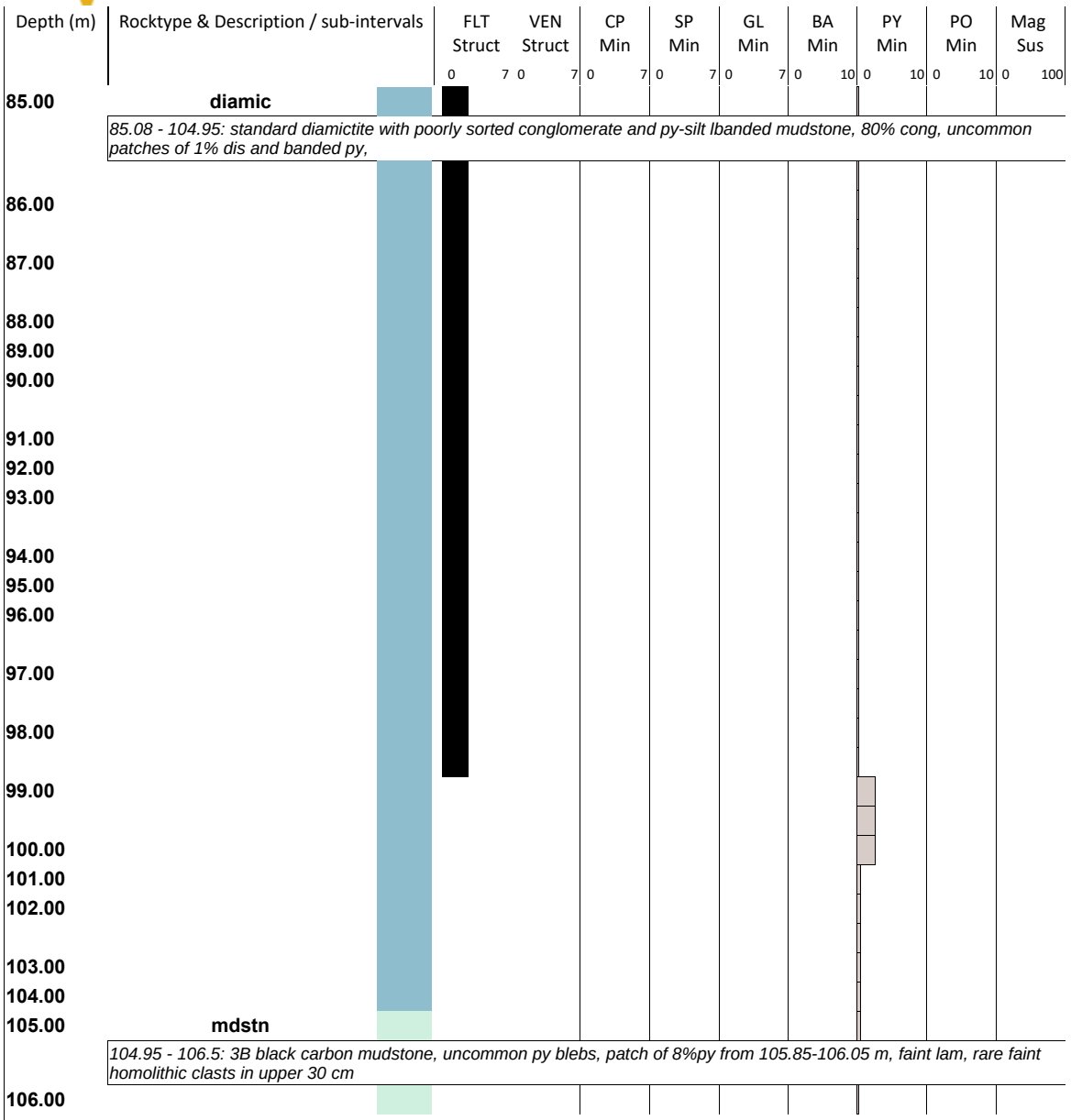
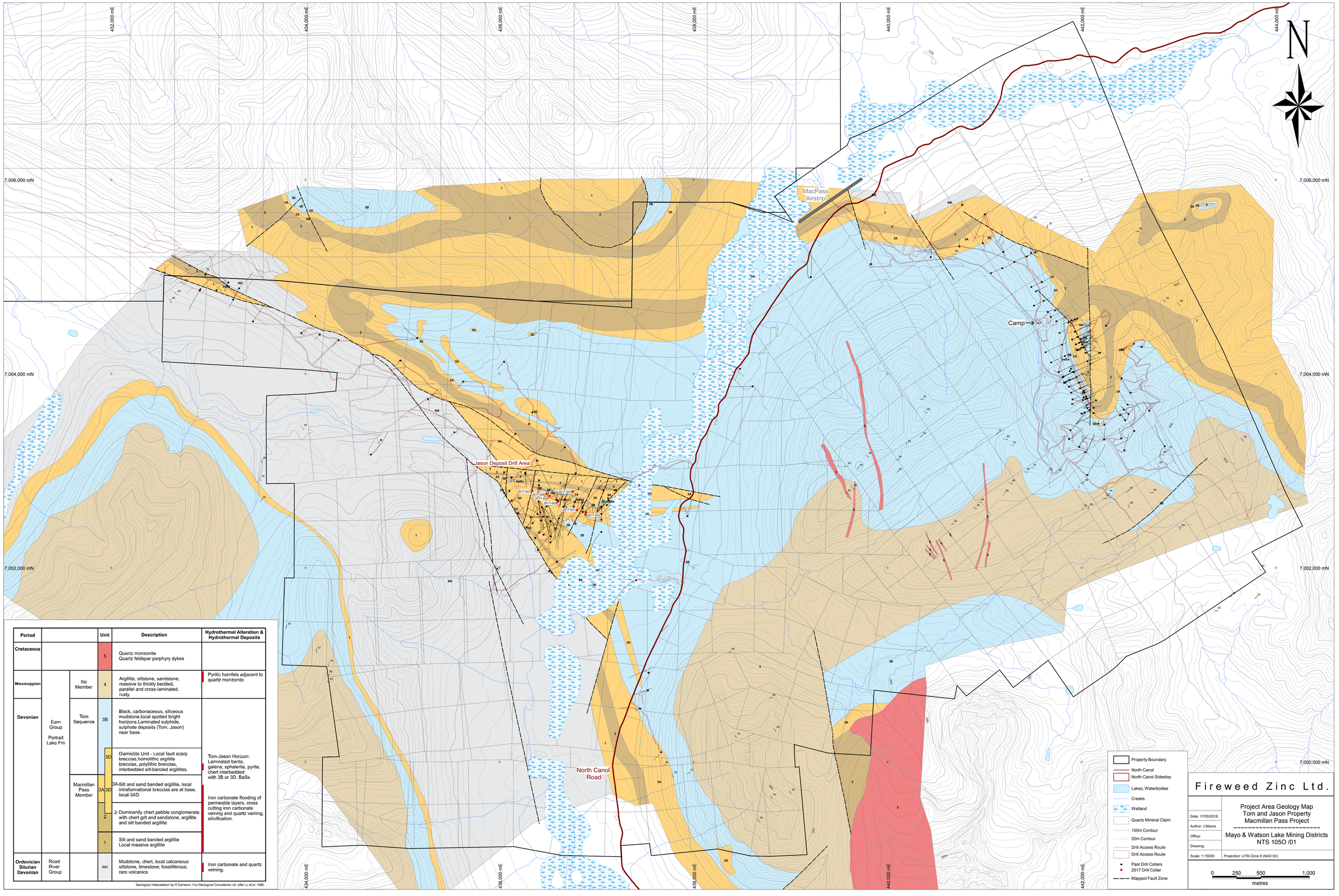
GeoSpark Logger ~ Strip Log

Project: FWZ **Hole Number:** JS17-007



From (m)	To (m)	Width	Sample	Zn pct USE	Pb pct USE	Ag PPM	Hg PPM
85.05	86.41	1.36	1907008	0.058	0.011	-0.5	0.3
86.41	87.65	1.24	1907009	0.006	0.005	-0.5	0.16
87.65	89.00	1.35	1907011	0.022	0.004	-0.5	0.08
89.00	90.50	1.50	1907012	0.022	0.005	0.5	0.13
90.50	92.00	1.50	1907013	0.007	0.005	0.5	0.13
92.00	93.50	1.50	1907014	0.007	0.007	0.5	0.12
93.50	95.00	1.50	1907015	0.009	0.006	0.6	0.06
95.00	96.25	1.25	1907016	0.042	0.041	2.3	0.2
96.25	97.25	1.00	1907017	0.002	0.005	-0.5	0.07
97.25	98.50	1.25	1907018	0.004	0.011	1.2	0.19
98.50	99.15	0.65	1907019	0.003	0.008	1.1	0.29
99.15	100.00	0.85	1907021	0.007	0.006	0.7	0.06
100.00	101.00	1.00	1907022	0.019	0.006	0.7	0.1
101.00	102.50	1.50	1907023	0.004	0.006	0.8	0.1
102.50	104.00	1.50	1907024	0.012	0.006	0.7	0.09
104.00	105.00	1.00	1907025	0.064	0.019	0.9	0.22
105.00	106.50	1.50	1907026	0.169	0.009	1.1	0.3

End of Hole @ 106.5



Period			Unit	Description	Hydrothermal Alteration & Hydrothermal Deposits
Cretaceous			5	Quartz monzonite Quartz feldspar porphyry dykes	
Mississippian	Earn Group Portrait Lake Fm	Itsi Member	4	Argillite, siltstone, sandstone, massive to thickly bedded, parallel and cross-laminated, rusty.	Pyritic hornfels adjacent to quartz monzonite
Devonian		Tom Sequence	3B	Black, carbonaceous, siliceous mudstone,local spotted bright horizons.Laminated sulphide, sulphate deposits (Tom, Jason) near base.	
			3D	Diamictite Unit - Local fault scarp breccias,homolithic argillite breccias, polylithic breccias, interbedded silt-banded argillites.	Tom-Jason Horizon: Laminated barite, galena, sphalerite, pyrite, chert interbedded with 3B or 3D. BaSx.
		Macmillan Pass Member	3A	3A-Silt and sand banded argillite, local intraformational breccias are at base, local-3AD	Iron carbonate flooding of permeable layers, cross cutting iron carbonate veining and quartz veining, silicification.
			2	2- Dominantly chert pebble conglomerate, with chert grit and sandstone, argillite and silt banded argillite	
			1	Silt and sand banded argillite Local massive argillite	
Ordovician Silurian Devonian	Road River Group		RR	Mudstone, chert, local calcareous siltstone, limestone; fossiliferous; rare volcanics	Iron carbonate and quartz veining.

Geological interpretation by R.Cameron, Fox Geological Consultants Ltd. after Lu et al. 1980.

Fireweed Zinc Ltd.

Project Area Geology Map
Tom and Jason Property
Macmillan Pass Project

Mayo & Watson Lake Mining Districts
NTS 105O /01

Date: 17/05/2018	
Author: J.Moore	
Office:	
Drawing:	
Scale: 1:15000	Projection: UTM Zone 9 (NAD 83)

APPENDIX E

LiDAR Topographical Mapping

Eagle Mapping LiDAR & Orthophoto Report

Project Title:	Tom & Jason (2017 Partial Collect)
Project Number:	17-065
Client Name:	Fireweed Zinc Ltd
Client Address:	Suite 1020, 800 West Pender Street Vancouver, BC V6C 2V6
AOI Area:	93.5 sqkm

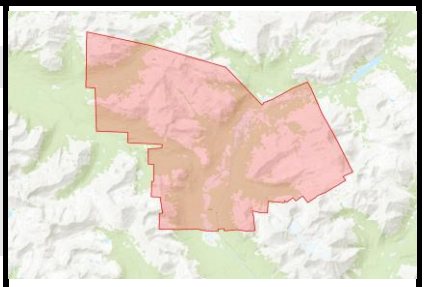


Photo Acquisition

Flight Date(s):	Sep 15, 2017
Aircraft:	Piper Navajo
Camera Unit:	Trimble IQ-180
Flight Altitude:	1600m
Forward Overlap:	60%
Side Overlap:	60%
Resolution:	25 cm

LiDAR Acquisition

Flight Date(s):	Sep 15, 2017
Aircraft:	Piper Navajo
LiDAR Unit:	Riegl Q1560 / GSM 4000
Flight Altitude:	1600m
Flight Speed:	140 kts
Line Overlap:	60%
Field of View:	58°

Trajectory Processing

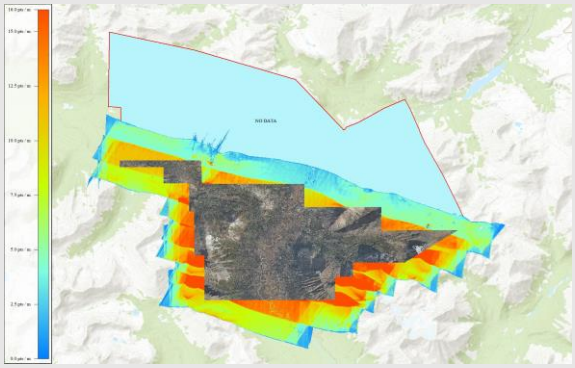
GNSS:	Applanix POS AV510
Software:	POSPac v 8.1
Satellites:	**Min:** 11 / **Max:** 17
PDOP:	**Min:** 1.1 / **Max:** 1.8
RMSE:	3 cm

LiDAR Accuracy

Horizontal Accuracy:	<30 cm
Vertical Accuracy:	<15 cm

Waveform Analysis

Density / Ortho Coverage



Software Used:	RiPROCESS v 1.8.4
Calibration Method:	Matching tie-planes (Least- squares)
Average Point Density:	**All Returns**: 18 pts/m **Last Returns**: 10 pts/m

Map Projection Information

Projection:	UTM 9N
Horizontal Datum:	NAD83(CSRS)
Vertical Datum:	CGVD2013
Geoid:	CGG2013
Units	Meters
EPSG:	3156

Deliverables; Interval/Resolution; Format

DEM:	1m	ArcASCII(.asc)
Contours:	1m, 5m	Shapefile(.shp)
Intensity Raster:	0.5m	GeoTiff(.tif)
Orthophoto	0.25m	GeoTiff(.tif)
Project Tiles:	1000m	Shapefile(.shp)

Eagle Mapping Ltd.
201 - 2071 Kingsway Ave
Port Coquitlam, B.C. Canada
V3C 6N2

Tel: 1-604-942-5551
Toll Free: 1-877-942-5551
Fax: 1-604-942-5951
www.eaglemapping.com

N

MacPass Airstrip

Jason Deposit Drill Area

North Canol Road

7,006,000 mN

7,004,000 mN

7,002,000 mN

7,000,000 mN

432,000 mE

434,000 mE

436,000 mE

438,000 mE

440,000 mE

442,000 mE

444,000 mE

Fireweed Zinc Ltd.

	Project Area LiDAR Map Tom and Jason Property Macmillan Pass Project
Date: 17/05/2018	
Author: J.Moore	
Office:	Mayo & Watson Lake Mining Districts NTS 105O /01
Drawing:	
Scale: 1:15000	Projection: UTM Zone 9 (NAD 83)

0 250 500 1,000

metres