BRITISH COLUMBIA
The Best Place on Earth

BC Geological Survey Assessment Report 38008

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Drilling

TOTAL COST: $1,333,828.15

AUTHOR(S): Nicholas Johnson **SIGNATURE(S):** Digitally signed by Nicholas Johnson DN: cn=Nicholas Johnson, o=Canada Zinc Metals Corp., ou, email=njohnson@canadazincmetals.com, c=CA Date: 2019.02.05 13:02:41 -05'00'

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Mines act Permit # MX-13-116 NOW: 1300263-201501, Apr **YEAR OF WORK:** 2018

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5720453 23 Nov 2018

PROPERTY NAME: Akie

CLAIM NAME(S) (on which the work was done): Tenure #: 324825, 329534, 1021745

COMMODITIES SOUGHT: Zn, Pb, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 094F031

MINING DIVISION: Omenica **NTS/BCGS:** 094F07

LATITUDE: 57 ° 22 '30.5 " **LONGITUDE:** -124 ° 51 '12.3 " **(at centre of work)**

OWNER(S):

1) ZincX Resources Corp. 2) Ecstall Mining Corp.

MAILING ADDRESS:

Royal Centre Suite 2050 1055 West Georgia St.
Vancouver BC, V6E 3P3

OPERATOR(S) [who paid for the work]:

1) ZincX Resource Corp. 2)

MAILING ADDRESS:

Suite 2050 1055 West Georgia St. Vancouver BC, V6E 3P3

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Kechika Trough, Gataga District, SEDEX, Gunsteel Formation, Late Devonian, Black shales, sphalerite, galena, pyrite, barite, Cardiac Creek deposit

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: No

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	2,163m, 6 DDH, HQ/NQ	324825, 329534, 1021745	$1,303,834.88
Non-core			
RELATED TECHNICAL			
Sampling/assaying	984	324825, 329534, 1021745	50,713.73
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$1,333,828.15

THE 2018 DIAMOND DRILLING PROGRAM ON THE AKIE PROPERTY

SUMMARY REPORT

OMINECA MINING DIVISION, NORTHEAST BRITISH COLUMBIA

NTS map sheet 94F07

Latitude 57°27’ N, Longitude 125°1’ W

Prepared for:

ZincX Resources Corp.
Royal Centre
Suite 2050 – 1055, W. Georgia St.
Vancouver, BC V6E 3P3
FMC#: 202429

By:

Nicholas Johnson B.Sc.H

28 Jan 2019

Summary

In June 2018, ZincX Resources Corp. resumed drilling on the Akie Property. The property is located in northeastern British Columbia approximately 250 kilometres north-northeast from Mackenzie, BC. A diamond drilling program totalling 2,163 metres tested several targets across the property including the South East Extension of the Cardiac Creek deposit, the North Lead Anomaly, and the recently discovered Sitka Showing. A total of 6 drill holes were attempted with 5 completed to their intended depths. Expenditures of $1,333,828.15 resulting from the exploration activities have been applied to the company's Kechika Trough tenure holdings which includes the Akie property.

The Akie property is located within the Gataga District of the Kechika Trough. The trough represents a narrow, elongated, "finger like", southern extension of the Selwyn Basin. The Selwyn Basin is host to numerous SEDEX-type mineral deposits (e.g. Howards Pass, Faro, Grum) that is bound to the east and west by carbonates and shallow water clastic rocks of the MacDonald and Cassiar platforms, respectively. A sequence of upper Devonian to Mississippian basinal facies clastic sedimentary rocks known as the Earn Group are a regional target for SEDEX type zinc lead silver deposits within the Kechika Trough. The Earn Group is comprised of three informally named formations, the Warneford, Akie, and Gunsteel. The black siliceous shales of the Gunsteel Formation are host to the majority of all deposits, prospects and occurrences within the district and is the primary target of exploration activities. Known deposits include North Cirque, South Cirque, Cardiac Creek (a NI 43-101 compliant indicated resource of 22.7Mt grading 8.32% Zn, 1.61% Pb, 14.1g/t Ag and an inferred resource of 7.5Mt grading 7.04% Zn, 1.24% Pb, 12.0g/t Ag at a 5% Zn cut-off) (Sim, 2017) and Driftpile. Advanced prospects include, Elf, Fluke, Mt. Alcock and Bear/Spa.

The Akie property is located at the south-eastern end of the district. Adjacent properties include Pie and Elf. Mapping on the Akie property identified a number of northwest-trending thrust panels that are host to the prospective Gunsteel Formation black siliceous shales that have been the primary target of exploration for SEDEX type Pb-Zn-Ag mineralisation since 1978. The Cardiac Creek showing (MINFILE no. 094F031) was discovered by prospecting in 1994 and subsequently explored with the drilling of 29 holes from 1994 to 1996 by Inmet Mining. This early drilling outlined a historical, non NI 43-101 compliant resource estimate of 12 Mt grading 8.6% Zn, 1.5% Pb and 17.1g/t Ag.

A total of 2,163 metres of drilling were completed in 6 drill holes (1 abandoned) as part of the 2018 diamond drilling program on the Akie property. Drilling tested the; South-East Extension of the Cardiac Creek Zone, the North Lead Anomaly, and the first ever drilling of the Sitka Showing located on the eastern edges of the property. Results from the Sitka drilling include: 3.5% Zn over 1.9 metres including 5.8% Zn over 1.0 metre and 3.8% Zn over 5.1 metres including 11.3% Zn over 1.0 metre in hole A-18-144. Hole A-18-145 returned 3.7% Zn over 3.50 metres including 11.1% Zn over 0.9 metres and hole A-18-149 returned 1.1% Zn over 12.98 metres as well as a broad ~40 metre thick zone enriched in Ag with values ranging from 2.4 to 14 g/t Ag. The drilling on the Southeast Extension Zone intersected the Cardiac Creek horizon however the results were nominal. Drilling on the North Lead Zone returned large intervals of anomalous mineralisation (>0.1% Zn) associated with the upper zone however the main zone of mineralisation appears to have diminished, possibly influenced by a large thrust fault.

Table of Contents

List of Figures

List of Tables

List of Appendices

1 Introduction & Terms of Reference

This report documents the exploration activities carried out in 2018 by ZincX Resources Corp. (the Company) on the Akie property. Expenditures related to this work have been applied to the company's contiguous tenure holdings in the Kechika Trough which includes the Akie property. The author directed the field work that is the subject of this report. The program was supported by an able field crew supplied by Coast Mountain Geological Ltd. The exploration activities on the Akie property consisted of diamond drilling. Field data was recorded in Universal Transverse Mercator (UTM) projection using North American Datum (NAD 83), located within Zone 10. All measurements in this report are in metric units. Monetary amounts are expressed in Canadian dollars.

2 Property Location & Description

ZincX Resources holds 100% of the claims that are incorporated into the Akie property block. The Akie property block consists of 46 mineral claims covering a total area of 11,583.4 hectares. The property is located in the western ranges of the Northern Rocky Mountains in the province of British Columbia, Canada (Figure 2-1). All of the claims are in good standing until the 21st October, 2028 (Table 2-1). The property can be seen in Figure 2-2. The Akie property is part of the company's much larger contiguous Kechika Trough mineral tenure holdings that have an approximate strike extent in excess of 140 kilometres (Figure 2-1). This contiguous package consists of 230 claims covering an area totalling 79,780 hectares (Table 2-1). The nearest town is Mackenzie BC, located approximately 250 kilometres southeast of the Akie property (Figure 2-1). The Akie property is located within NTS topographic map sheets 94F06 and 94F07.

Claim Name	Tenure #	Owner (100%)	Expiry Date	Area (Ha)
AKIE 1	240791	107445	21 Oct 2028	75
AKIE 2	240792	107445	21 Oct 2028	150
AKIE 3	240793	107445	21 Oct 2028	75
NOEL 1	240794	107445	21 Oct 2028	50
NOEL 3	240796	107445	21 Oct 2028	25
YUEN 1	240798	107445	21 Oct 2028	100
YUEN 2	240799	107445	21 Oct 2028	100
YUEN 3	240800	107445	21 Oct 2028	25
YUEN 4	240801	107445	21 Oct 2028	200
YN 3	309112	107445	21 Oct 2028	500
AKIE 4	324822	107445	21 Oct 2028	100
AKIE 5	324823	107445	21 Oct 2028	400
AKIE 6	324824	107445	21 Oct 2028	150
AKIE 7	324825	107445	21 Oct 2028	500
AKIE 8	327931	107445	21 Oct 2028	150
AKIE 9	327932	107445	21 Oct 2028	300
AKIE 10	327933	107445	21 Oct 2028	100
AKIE 11	329534	107445	21 Oct 2028	400
AKIE 12	329535	107445	21 Oct 2028	500
AKIE 13	329536	107445	21 Oct 2028	500
AKIE 14	329537	107445	21 Oct 2028	375
AKIE 15	329538	107445	21 Oct 2028	150

AKIE 16	329539	107445	21 Oct 2028	200
AKIE 17	330626	107445	21 Oct 2028	400
AKIE 21	333352	107445	21 Oct 2028	450
AKIE 22	333353	107445	21 Oct 2028	225
AKIE 25	333356	107445	21 Oct 2028	500
AKIE 18	338283	107445	21 Oct 2028	400
AKIE 19	338284	107445	21 Oct 2028	300
CURE	517839	107445	21 Oct 2028	35
BRAID 25	518982	107445	21 Oct 2028	102
YUEN 5	519801	107445	21 Oct 2028	243
YUEN 6	519805	107445	21 Oct 2028	104
YUEN 7	520242	107445	21 Oct 2028	35
YUEN 8	520243	107445	21 Oct 2028	17
PIE 1	520374	107445	21 Oct 2028	366
PIE 2	520375	107445	21 Oct 2028	418
PIE 3	520376	107445	21 Oct 2028	418
PIE 4	520377	107445	21 Oct 2028	417
PIE 5	520378	107445	21 Oct 2028	417
PIE 6	520379	107445	21 Oct 2028	417
PIE 7	520380	107445	21 Oct 2028	418
PIE 8	520381	107445	21 Oct 2028	418
PIE 9	520382	107445	21 Oct 2028	366
PIE 10	520383	107445	21 Oct 2028	104
PIE 5A	520384	107445	21 Oct 2028	17
PIE 11	520385	107445	21 Oct 2028	139
PIE 12	520386	107445	21 Oct 2028	52
PIE 13	520460	107445	21 Oct 2028	139
YUEN 7	520472	107445	21 Oct 2028	416
AKIE 30	520476	107445	21 Oct 2028	436
PIE 14	520477	107445	21 Oct 2028	70
PIE 15	522673	107445	21 Oct 2028	435
PIE 16	522682	107445	21 Oct 2028	435
YUEN 15	523913	107445	21 Oct 2028	434
YUEN 16	523915	107445	21 Oct 2028	208
AKIE FR.	523916	107445	21 Oct 2028	87
AKIE FR 2	523920	107445	21 Oct 2028	17
PIE 34	523923	107445	21 Oct 2028	401
RIFT 1	524478	107445	21 Oct 2028	427
THRO 1	524479	107445	21 Oct 2028	272
THRO 2	524480	107445	21 Oct 2028	290
THRO 3	524481	107445	21 Oct 2028	323
THRO 4	524482	107445	21 Oct 2028	17
THRO 5	524484	107445	21 Oct 2028	426
THRO 6	524485	107445	21 Oct 2028	102
THRO 7	524486	107445	21 Oct 2028	170
DRFITPILE 5	524589	107445	21 Oct 2028	412
DRIFTPILE 4	524591	107445	21 Oct 2028	257
DRIFTPILE 6	524592	107445	21 Oct 2028	206
DRIFTPILE 7	524593	107445	21 Oct 2028	428
DRIFTPILE 8	524596	107445	21 Oct 2028	428
DRIFTPILE 9	524599	107445	21 Oct 2028	428
DRIFTPILE 10	524600	107445	21 Oct 2028	428
DRIFTPILE FRACTION 1	524618	107445	21 Oct 2028	51

PIE 40	525680	107445	21 Oct 2028	435
PIE 41	525681	107445	21 Oct 2028	435
PIE 42	525682	107445	21 Oct 2028	435
PIE 101	525758	107445	21 Oct 2028	419
PIE 102	525759	107445	21 Oct 2028	349
YUEN 20	525922	107445	21 Oct 2028	417
YUEN 21	525923	107445	21 Oct 2028	434
YUEN 23 FR	525924	107445	21 Oct 2028	17
THRO 50	525957	107445	21 Oct 2028	427
AKIE AX 1	526549	107445	21 Oct 2028	437
AKIE AX 2	526550	107445	21 Oct 2028	437
AKIE AX 3	526551	107445	21 Oct 2028	437
BRAID 200	526597	107445	21 Oct 2028	273
BRAID 201	526598	107445	21 Oct 2028	205
DRIFTPILE 200	526599	107445	21 Oct 2028	411
YULE 150	526601	107445	21 Oct 2028	434
PIE WEST 1	526809	107445	21 Oct 2028	435
PIE WEST 2	526810	107445	21 Oct 2028	279
PIE 300	526811	107445	21 Oct 2028	382
WEISS 1	526821	107445	21 Oct 2028	431
WEISS 2	526823	107445	21 Oct 2028	431
WEISS 3	526824	107445	21 Oct 2028	431
WEISS 4	526827	107445	21 Oct 2028	431
WEISS 5	526831	107445	21 Oct 2028	431
WEISS 6	527001	107445	21 Oct 2028	430
WEISS 7	527002	107445	21 Oct 2028	431
WEISS 8	527003	107445	21 Oct 2028	430
WEISS 9	527004	107445	21 Oct 2028	430
WEISS 10	527005	107445	21 Oct 2028	430
WEISS 11	527006	107445	21 Oct 2028	431
WEISS 12	527008	107445	21 Oct 2028	430
WEISS 13	527010	107445	21 Oct 2028	430
WEISS 14	527013	107445	21 Oct 2028	430
WEISS 15	527015	107445	21 Oct 2028	430
WEISS 16	527016	107445	21 Oct 2028	430
WEISS 17	527017	107445	21 Oct 2028	431
WEISS 18	527048	107445	21 Oct 2028	103
DRIFTPILE 20	527352	107445	21 Oct 2028	428
DRIFTPILE 21	527354	107445	21 Oct 2028	428
DRIFTPILE 22	527356	107445	21 Oct 2028	257
PIE WEST 3	529008	107445	21 Oct 2028	436
AKIE 31	529015	107445	21 Oct 2028	366
PIE 35	529018	107445	21 Oct 2028	174
PIE WEST 4	529019	107445	21 Oct 2028	435
PIE WEST 6	529023	107445	21 Oct 2028	436
AKIE 31A	529025	107445	21 Oct 2028	17
AKIE 31B	529026	107445	21 Oct 2028	17
PIE WEST 7	529126	107445	21 Oct 2028	435
PIE WEST 8	529166	107445	21 Oct 2028	139
KWAD 1	534339	202429	21 Oct 2028	311
SAINT 1	536295	202429	21 Oct 2028	410
SAINT 2	536296	202429	21 Oct 2028	410
SAINT 3	536298	202429	21 Oct 2028	410

SAINT 4	536300	202429	21 Oct 2028	205
WHAT A RIFT	540939	202429	21 Oct 2028	120
SASSY	543021	202429	21 Oct 2028	104
SASSY 2	543022	202429	21 Oct 2028	415
SASSY 3	543024	202429	21 Oct 2028	416
SASSY 4	543025	202429	21 Oct 2028	416
SASSY 5	543026	202429	21 Oct 2028	415
SASSY 6	543027	202429	21 Oct 2028	415
SASSY 7	543028	202429	21 Oct 2028	415
SASSY 8	543029	202429	21 Oct 2028	259
SASSY 9	543030	202429	21 Oct 2028	138
SASSY 10	543031	202429	21 Oct 2028	104
SASSY 11	543032	202429	21 Oct 2028	156
SASSY 12	543033	202429	21 Oct 2028	225
RICKS SPIRIT OF MTO	544505	202429	21 Oct 2028	17
AKIE 41	546692	107445	21 Oct 2028	437
AKIE 40	546693	107445	21 Oct 2028	349
DRIFTPILE 1	548395	202429	21 Oct 2028	429
DRIFTPILE 2	548396	202429	21 Oct 2028	411
THRO9	548398	202429	21 Oct 2028	426
DRIFTPILE 3	548400	202429	21 Oct 2028	428
	548403	202429	21 Oct 2028	427
THRO10	548407	202429	21 Oct 2028	426
THRO8	548410	202429	21 Oct 2028	426
	548411	202429	21 Oct 2028	51
THRO12	548413	202429	21 Oct 2028	272
THRO13	548417	202429	21 Oct 2028	153
	548421	202429	21 Oct 2028	306
THRO15	548422	202429	21 Oct 2028	188
SPLIT	548425	202429	21 Oct 2028	51
WEDGE	548426	202429	21 Oct 2028	120
X	548742	202429	21 Oct 2028	239
	548784	202429	21 Oct 2028	395
	548786	202429	21 Oct 2028	103
SPA	548951	202429	21 Oct 2028	618
APPLE SCRUFFS	549123	202429	21 Oct 2028	412
FOX	549138	202429	21 Oct 2028	412
TROT	549143	202429	21 Oct 2028	257
	549148	202429	21 Oct 2028	343
GATA	549774	202429	21 Oct 2028	206
COUSIN SAINT	549818	202429	21 Oct 2028	137
	549880	107445	21 Oct 2028	366
	549884	107445	21 Oct 2028	52
AKIE 20	549885	107445	21 Oct 2028	87
IN	549887	202429	21 Oct 2028	17
AK	549888	202429	21 Oct 2028	17
CIRQUE EAST	549930	202429	21 Oct 2028	1268
PILE	549984	202429	21 Oct 2028	34
WINDY	550008	202429	21 Oct 2028	378
SLIVER	550009	202429	21 Oct 2028	120
BALOO	550011	202429	21 Oct 2028	429
DONTSY	550013	202429	21 Oct 2028	430
SILVER LINK	552297	202429	21 Oct 2028	433

AKIE 23	552382	107445	21 Oct 2028	17
DACHA 1	552394	202429	21 Oct 2028	433
DACHA 2	552395	202429	21 Oct 2028	640
DACHA 3	552396	202429	21 Oct 2028	346
DACHA 4	552397	202429	21 Oct 2028	416
DACHA 5	552398	202429	21 Oct 2028	796
CRUEL SHOES	552776	202429	21 Oct 2028	429
MARITA	552777	202429	21 Oct 2028	343
SIMON	552780	202429	21 Oct 2028	427
PETER	552781	202429	21 Oct 2028	359
POLESTAR	553071	202429	21 Oct 2028	364
MORNINGSTAR	553072	202429	21 Oct 2028	312
CWM	553073	202429	21 Oct 2028	278
COIRE	553074	202429	21 Oct 2028	382
	553647	202429	21 Oct 2028	227
	553649	202429	21 Oct 2028	122
	553653	202429	21 Oct 2028	139
1.1	553654	202429	21 Oct 2028	52
KWAD	555432	202429	21 Oct 2028	3845
SILVER FOX	555434	202429	21 Oct 2028	310
SILVER JUBILEE	555436	202429	21 Oct 2028	310
WEISS 19	555439	202429	21 Oct 2028	430
HG	555440	202429	21 Oct 2028	362
JP4	555441	202429	21 Oct 2028	431
QUICKSILVER	555443	202429	21 Oct 2028	432
JP1	555445	202429	21 Oct 2028	431
JP2	555447	202429	21 Oct 2028	397
JP5	555449	202429	21 Oct 2028	431
JP3	555450	202429	21 Oct 2028	431
LAKETREE 1	555452	202429	21 Oct 2028	431
LAKETREE 2	555453	202429	21 Oct 2028	396
LAKETREE 4	555454	202429	21 Oct 2028	431
LAKETREE 3	555455	202429	21 Oct 2028	431
LAKETREE 5	555456	202429	21 Oct 2028	430
LAKETREE 6	555463	202429	21 Oct 2028	344
LAKETREE 7	555464	202429	21 Oct 2028	430
LAKETREE 8	555465	202429	21 Oct 2028	413
KWADAC	555810	202429	21 Oct 2028	1956
HSH	555813	107445	21 Oct 2028	192
BLUE SKY 3	557778	202429	21 Oct 2028	392
BLUE SKY 2	557779	202429	21 Oct 2028	392
BLUE SKY 1	557780	202429	21 Oct 2028	375
ROME	557781	107445	21 Oct 2028	17
CZM 1	847812	202429	21 Oct 2028	418
CZM 2	847813	202429	21 Oct 2028	313
CZM 3	847815	202429	21 Oct 2028	139
SITKA	1021745	202429	21 Oct 2028	942
YUEN NORTH 1	1024832	202429	21 Oct 2028	1734
YUEN NORTH 2	1024833	202429	21 Oct 2028	953

Table 2-1 Kechika Trough Tenure Holdings: Note: Owner # 107445 – Ecstall Mining Corp. (100% Subsidiary of ZincX Resources Corp., 202429 – ZincX Resources Corp.

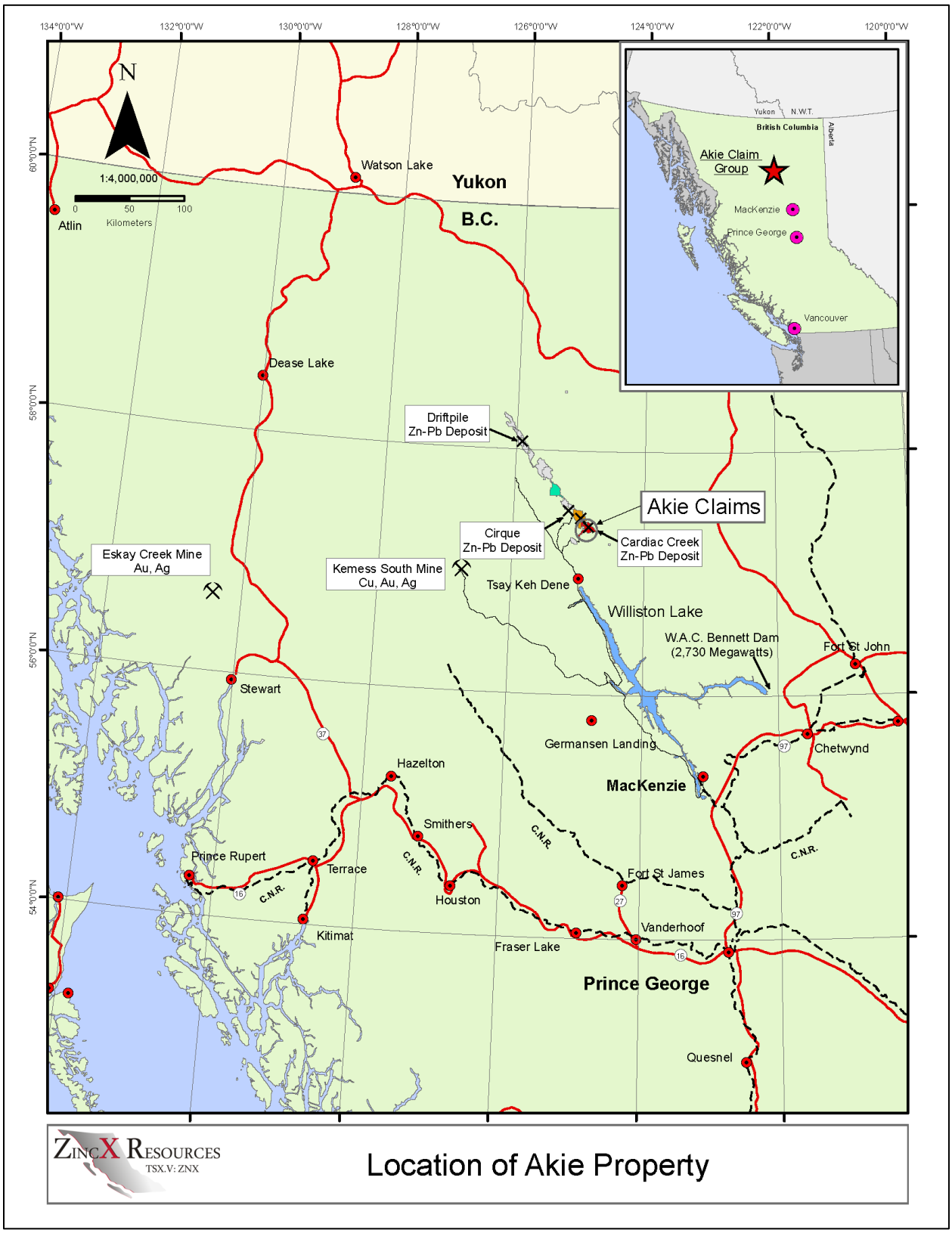


Figure 2-1: Property location map

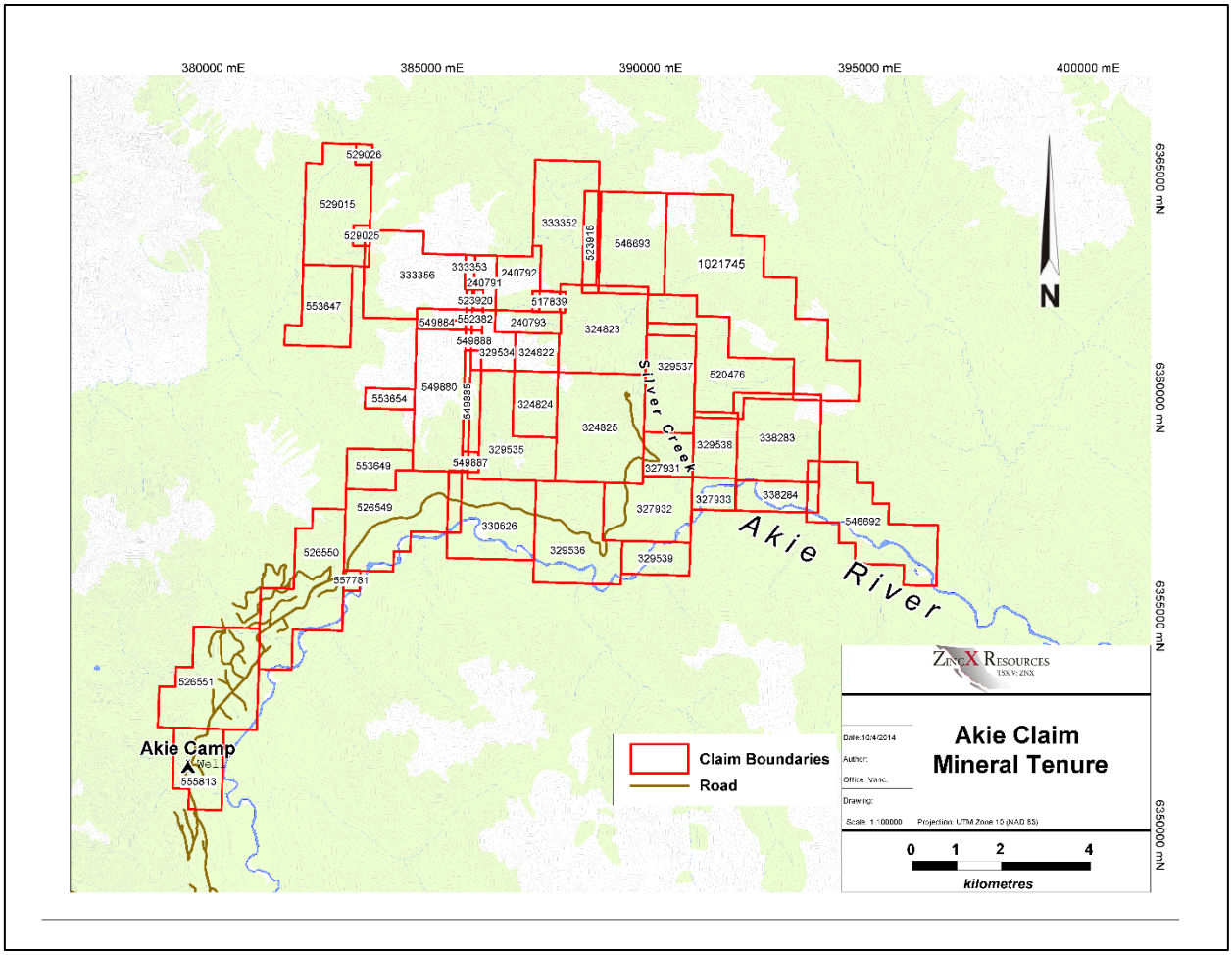


Figure 2-2 The Akie property mineral tenure map

3 Accessibility, Infrastructure, Climate & Physiography

Access to the Akie property is primarily via helicopter from the Company's exploration camp, located at the 24.5 kilometre mark on the Akie FSR (Forest Service Road) (Plate 8-1). However, the road was extended by the Company in 2008 and now provides direct vehicular access to parts of the Akie property. Chartered aircraft from North Cariboo Air currently provides regularly scheduled air transport service during the week to a gravel airstrip at the village of Kwadacha (Fort Ware), BC. Kwadacha is located north of the Williston Lake reservoir and is approximately 40 kilometres north northwest of the Akie exploration camp.

Prince George, located approximately 420 kilometres to the south, is the largest population centre in central British Columbia. The city is a major hub for supplies, transportation, communications, and commerce. Some supplies are sourced locally from the two First Nations villages of Tsay Keh Dene and Kwadacha or from town of Mackenzie; the latter is located at the southern end of Williston Lake, approximately 250 kilometres southeast of the property (Figure 2-1). A series of year-round accessible gravel forest service roads connect Tsay Keh Dene with Mackenzie. These local communities have an active forestry industry as well as a growing

mining and exploration industry. Nearby mines include the recently closed Kemess South mine and the Mt Milligan mine.

The nearest BC Hydro electric transmission power source is the W.A.C. Bennett dam, capable of generating up to 2,730 megawatts of electricity, located on the Peace River approximately 220 kilometres southeast of the property (Figure 2-1). The privately owned Kemess power line runs north from BC Hydro's Kennedy substation, near Mackenzie, to the idled Kemess South mine west southwest of the Akie property. The straight-line distance from the Akie to the Kemess mine is approximately 145 kilometres. Diesel and Bio-energy generators supply electricity to the local villages.

The property and surrounding region are an area of moderate to steep mountainous terrain ranging between 800 to 2,300 metres above sea level. Mountain tops and ridgelines above the treeline are typically covered by alpine meadows with mosses, lichen and alpine flowers in the summer. Sparsely vegetated talus and scree commonly cover steep slopes. At lower elevations hillsides are thickly forested with a mixture of lodge-pole pine and black spruce giving way to willows, alders and black birch in the river valleys.

The region is characterised by northwest-southeast trending ridgelines that parallel the dominant geological strike direction. These ridges are transected by northeast trending drainages such as the Akie, Paul and Kwadacha rivers. In general, northeast facing ridge slopes are steep with abundant outcrop exposure while southwest facing ridge slopes tend to dip more moderately and are covered in vegetation.

The climate is influenced by the Pacific Coast and the Rocky Mountains, resulting in highly variable, localized conditions for rainfall, snowfall, temperature and hours of daylight. During the summer temperatures range between +5 to +30 degrees Celsius with moderate rainfall and/or snowfall at higher altitudes. During winter, temperatures can drop to minus 40 degrees Celsius, and can be accompanied by moderate accumulations of snow. The optimal timeframe for field work is from May or June; when valleys become free of snow, through to late September; when winter weather generally returns.

4 Exploration History

The exploration history of the Akie property has been sporadic since the early 1970's with all of the work being completed over three periods of time; the late 1970's to early 1980's, the mid 1990's, and from 2005 to present. Exploration work has consisted of grassroots prospecting, sampling and mapping through to drilling and geophysical surveys. The following table (Table 4-1) outlines a summary of exploration activities that have occurred on the property.

Table 4-1: Akie Exploration History

Year	Operator	Exploration Work
1978	RioCanex Ltd.	Stakes the area based on anomalous Pb values in regional stream sediment samples. The claims were staked as the Dog claims.
1979-1981	RioCanex Ltd.	Conducted extensive soil sampling program identified a series of ill-defined Pb, Zn, Ag, and Ba anomalies. This work was complimented with VLF-EM survey.
1985	RioCanex Ltd.	Allowed Dog claims to lapse.
1989	Ecstall Mining Corp.	Staked Akie claims 1 to 3 covering ground previously known as Dog claims.
1992	Ecstall Mining Corp.	Ecstall options property to Inmet Mining Corp. (Minnova Inc., Metall Mining Inc.).
1992	Inmet Mining Corp.	Conducts small scale soil sampling program over Fluke Ridge and identifies a significant Pb, Zn, Ag, and Fe anomaly.
1994	Inmet Mining Corp.	Conducts; extensive soil sampling program, preliminary mapping, VLF/resistivity survey and magnetometer surveys which result in identification of numerous Pb, Zn, Ag, and Ba anomalies. Prospecting discovers Cardiac Creek showing. A drill program (12 DDH's = 3,753.20m) discovers the mineralised horizon now known as the Cardiac Creek deposit. Claims were expanded to include Akie 4 to 17.
1995	Inmet Mining Corp.	Additional drilling (7 DDH's = 5,314m) continues to define the Cardiac Creek deposit.
1996	Inmet Mining Corp.	Additional drilling (10 DDH's = 4,483.10m) continues to test the deposit and other property targets. A historical non 43-101 compliant resource for the Cardiac Creek deposit is calculated at 12Mt @ 8.6% Zn, 1.5% Pb, 17.1g/t Ag (MacIntyre, 2005).
1996	Inmet Mining Corp.	Allows option on property to lapse.
2005	Ecstall Mining Corp.	Options the property to Mantle Resources Inc.
2005	Mantle Resources Inc.	Maiden NI 43-101 compliant report completed for the Akie property and company conducts initial drill program (4 DDH's = 1,998.90m). Discovers the high-grade core to the Cardiac Creek deposit.
2006	Mantle Resources Inc.	Additional drilling on Cardiac Creek deposit (11 DDH's = 4,480.37m)
2007	Mantle Resources Inc.	Additional drilling on Cardiac Creek deposit (12 DDH's = 6,526.26m). Mapping and sampling also conducted
2008	Canada Zinc Metals Corp.	Completes takeover of Ecstall Mining Corp. and acquires 100% ownership of Akie property. Company changes name to Canada Zinc Metals Corp. A maiden NI 43-101 compliant inferred resource is calculated for the Cardiac Creek deposit of 23.6Mt @ 7.6% Zn, 1.5% Pb, 13g/t Ag at a 5% Zn cut-off (MacIntyre & Sim 2008). Additional drilling on the deposit and North Lead anomaly which encounters mineralisation. (14 DDH's = 6,226.15m). Mapping also completed and new road and trails were constructed to within 3km of the deposit.
2009	Canada Zinc Metals Corp.	Prospecting discovered the GPS bedded barite showing in black shales similar to the Gunsteel Formation shales along western edge of Akie property. Minor mapping, silt and soil sampling completed.
2010	Canada Zinc	Additional drilling on the Cardiac Creek deposit and other property targets (11 DDH's

	Metals Corp.	= 6,124.51m). New style of mineralisation encountered over 1.17m in the drilling similar to the Nick Ni-Mo deposit in the Yukon. Continued road development reaches to within 1.5km of the deposit.
2011	Canada Zinc Metals Corp.	Road development reaches deposit at the proposed underground portal site. Additional drilling on the deposit and other property targets (12 DDH's = 5,667.80m).
2012	Canada Zinc Metals Corp.	Hydrogeochemistry survey completed. Revised NI 43-101 resource calculated for the Cardiac Creek deposit. Indicated: 12.7Mt @ 8.38% Zn, 1.68% Pb, 13.7g/t Ag and Inferred: 16.3Mt @ 7.38% Zn, 1.34% Pb, 11.6g/t Ag at a 5% Zn cut-off. (Sim, 2012)
2013	Canada Zinc Metals Corp.	Additional drilling on the Cardiac Creek deposit and other property targets (9 DDH's = 4,599.31 metres)
2014	Canada Zinc Metals Corp.	Additional drilling on the Cardiac Creek deposit (8 DDH's = 2,855.12 metres)
2015	Canada Zinc Metals Corp.	Additional drilling on the Cardiac Creek deposit (11 DDH's = 5,347.18 metres)
2016	Canada Zinc Metals Corp.	Revised NI 43-101 resource calculated for the Cardiac Creek deposit. Indicated: 19.6Mt @ 8.17% Zn, 1.58% Pb, 13.6g/t Ag, Inferred: 8.1Mt @ 6.81% Zn, 1.16% Pb, 11.2g/t Ag at a 5% Zn cut-off (Sim, 2016)
2017	Canada Zinc Metals Corp.	Additional drilling on the Cardiac Creek deposit (12 DDH's =5,092.44 metres)
2018	ZincX Resources Corp.	Updated resource calculated for the Cardiac Creek deposit. Indicated: 22.7Mt @ 8.32% Zn, 1.61% Pb, 14.1g/t Ag, Inferred: 7.5Mt @ 7.04% Zn, 1.24% Pb, 12.0g/t Ag at a 5% Zn cut-off (Sim, 2017). Canada Zinc Metals Corp. changes its name to ZincX Resources Corp. A Preliminary Economic Assessment is announced for the Cardiac Creek deposit.

Table 4-1 Exploration history on the Akie property

5 Geology

5.1 Regional Geology

For a comprehensive review of the regional geology of the Akie River district, which includes the Akie property the reader is referred to the 1998 B.C. Ministry of Energy and Mines Bulletin 103 entitled *Geology, Geochemistry and Mineral Deposits of the Akie River Area, Northeast British Columbia* by Don G. MacIntyre. The following summarises the information contained within that report.

The Akie property is located within the Rocky Mountain fold and thrust belt of northeastern British Columbia as well as the central region of the Kechika Trough. The Kechika Trough is interpreted to be the southeastern extension of the large sedimentary Selwyn Basin bounded by the shallow water sedimentary rocks of the Cassiar (west) and MacDonald platforms (east) (MacIntyre, 1998). Situated along the ancestral continental margin of North America, the basin is host to clastic and carbonate rocks ranging in age from the late Cambrian to late Triassic (MacIntyre, 2005) (Figure 5-1). A generalized stratigraphic column is presented in figure 5-2.

5.1.1 Windermere Supergroup and Gog Group (Proterozoic to Cambrian)

The oldest rocks exposed in the Kechika Trough are the Proterozoic to early Cambrian coarse grit units thought to be representative of the Windermere Supergroup and the early to late quartzites and massive limestone correlative to the Gog Group (MacIntyre, 2005). These rocks

are not exposed in the vicinity of the property. They are restricted to the northern and northeastern edge of the Kechika Trough and to the immediate west of the property (Gog Group) (MacIntyre, 2005). The grit units of the Windermere Supergroup are thought to act as important aquifers for fluids involved in the formation of sediment and carbonate hosted lead-zinc-silver deposits of the Selwyn Basin and Kechika Trough (MacIntyre, 2008).

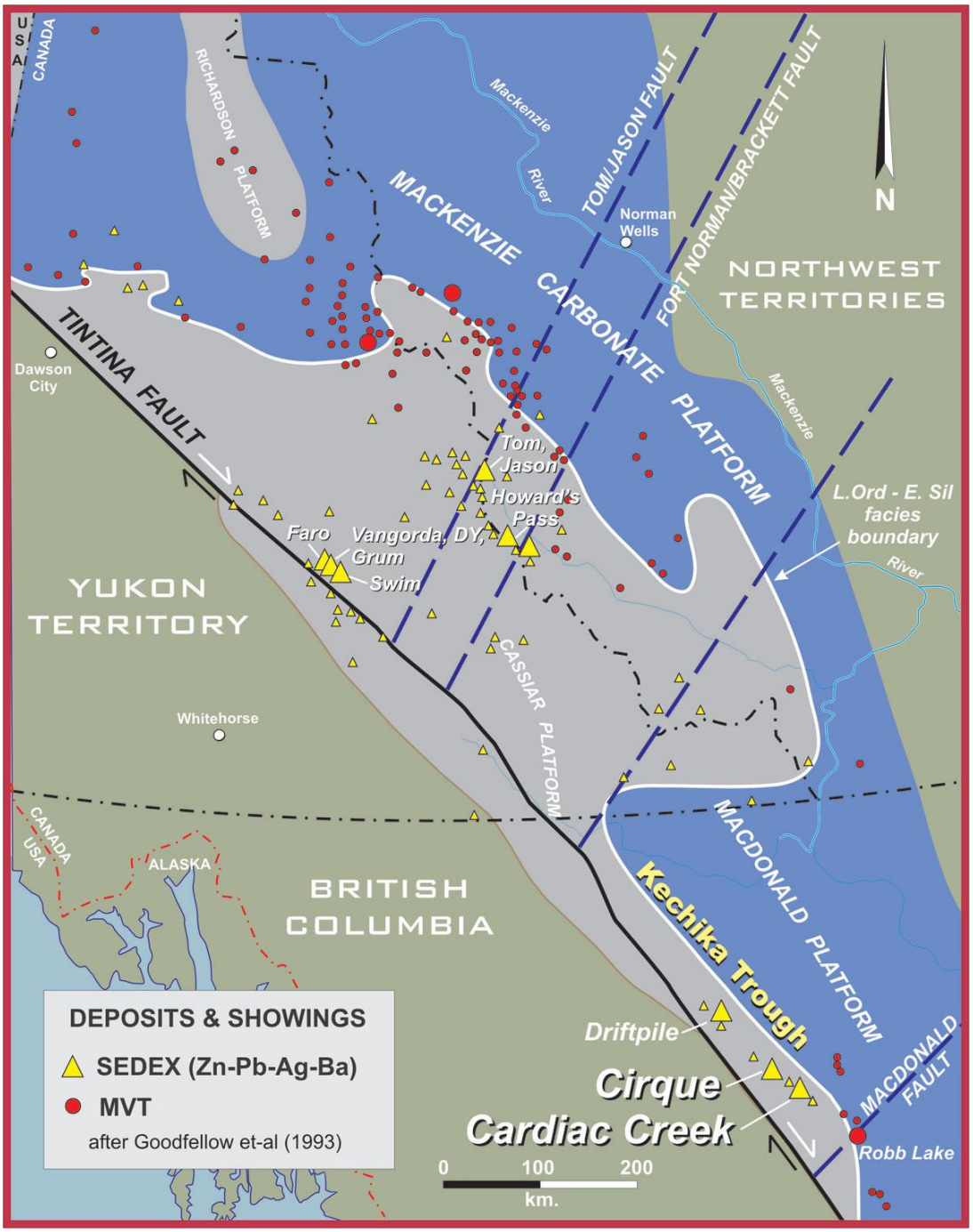


Figure 5-1: Geological setting of the Selwyn Basin and Kechika Trough (after Goodfellow et al 1993)

5.1.2 Kechika Group (Cambrian to Ordovician)

A thick, approximately 1,500 metre succession of cream coloured to light grey weathered, talcy, phyllitic mudstone and wavy banded nodular limestone characterize the rocks of the Kechika Group (MacIntyre, 2005; Demerse and Hopkins, 2008). Volcanic activity is marked by the presence of thinly bedded green weathered tuffs (MacIntyre, 2005) and cross cutting thin felsic dykes within the sediments of the Kechika Group. Kechika Group rocks are prominent in the southern Kechika Trough thinning northwards where they are rare to absent altogether (MacIntyre, 2005). These rocks are relatively common along the western margins of the property.

5.1.3 Skoki Limestone (Ordovician)

Locally, in the vicinity of Pesika Creek and the Kwadacha River (the southern and eastern section of the Kechika Trough, respectively), an approximate 500 metre thick buildup of thinly bedded limestone of Ordovician age overlie the Kechika Group rocks. These rocks are generally absent in the Northern Kechika Trough (MacIntyre, 2005).

5.1.4 Road River Group (Ordovician to early Devonian)

The rocks of the Road River Group unconformably overlie those of the Kechika Group and are represented by a collection of fine-grained clastics, carbonates and minor volcanics of Ordovician to early Devonian age (MacIntyre, 1998). They are pervasive throughout the Kechika Trough and can be informally broken into three distinct groups: the lower Road River Group, the Ospika Volcanics and the Silurian Siltstone (MacIntyre, 2008). The Road River Group is thought to represent the transition between platform and marine basinal rocks (MacIntyre, 2008).

The Lower Road River Group is comprised of a basal cream, beige to reddish brown weathered, thin-bedded calcareous siltstone and shale with minor limestone turbidites and debris flows. This siltstone grades up section into a distinct middle to late Ordovician aged black graptolitic shale (MacIntyre, 1998). The graptolite fossil assemblage allows for relatively easy differentiation from the lithologically similar and prospective rocks of the Devonian (MacIntyre, 2008). Locally the shale is interbedded with black chert horizons in the vicinity of the REB massive pyrite lens in the southern Kechika Trough and in the east, they are locally interbedded with quartz wackes, arenites and pebble conglomerates.

The Ospika Volcanics are present throughout the central Kechika Trough area (Akie River, Paul River and Ospika River) represented by a series of discontinuous lenses and beds of green mafic flows, microdioritic sills and orange weathered ankeritic crystal lapilli tuffs that are interbedded with the rocks of the Lower Road River Group. It is suggested that based on their orientation these rocks were emplaced along fault structures bounding the basin (MacIntyre, 1998). In 2009, a gabbro/diorite intrusive plug was discovered along the Del Creek which is thought to represent one such possible bounding fault structure as well as the source for the lenses of volcanic rocks found in the area.

The upper Road River Group represented by the early to middle Silurian Siltstone unconformably overlies the Ordovician graptolitic black shale (MacIntyre, 2008). At the base, a 0 to 20 metre thick unit consisting of thin-bedded to cross laminated limestone and dolostone beds is interbedded with laminated grey calcarenite, dark grey dolomitic shale and minor debris flows. To the east the limestone/dolostone beds are commonly interbedded with quartz wacke and arenite and is known as the Silurian limestone (MacIntyre, 2008). The Silurian limestone is overlain by a 100 to 500 metre thick tan to orange brown weathered dolomitic thin-bedded to platy siltstone with minor orange weathered limestone and dolostone interbeds. The thicker bedded siltstone is commonly bioturbated, containing worm burrows and feeding trails. Minor graptolites and sponge impressions are present in the thinly bedded to platy sections (MacIntyre, 2008).

The uppermost unit of the Road River Group is informally recognized as the Paul River Formation (Pigage, 1986) and consists of deep water marine turbidites comprised of black chert, interbedded black shale with limestone debris flows, and rusty weathered, dark grey to brown weathered silty shale and siltstone (MacIntyre, 2008). In the Akie River area the rusty weathered silty shale partially onlap with the early to middle Devonian Akie and Kwadacha Reefs. These reefs can range up to 200 metres in thickness characterized by medium to thick-bedded micritic to bioclastic limestone interbedded with minor shale beds. Locally, to the east, pebble conglomerates directly overlie these reefs (MacIntyre 2008). It is the author's opinion that the Paul River Formation rocks are of the Earn Group based on observations made from the Akie drill core.

5.1.5 Earn Group (Middle Devonian to Mississippian)

Rocks of the Earn Group conformably overlie those of the carbonate reefs as well as the Silurian Siltstone characterized by carbonaceous, siliceous shale, cherty argillite, phyllitic shale and coarse quartzose turbidites of Middle Devonian to Mississippian age (MacIntyre, 1998). The Earn Group has been subdivided into three distinct Formations: Warneford, Akie and the Gunsteel (Pigage, 1986; MacIntyre, 1998). These rocks are representative of a major marine transgression that halted reef growth, resulting in the onlapping of fine clastic sediments onto the MacDonald platform to the east (MacIntyre, 1998).

The rocks of the Gunsteel Formation are the oldest within the Earn Group of Middle to Late Devonian age. They weather to a distinctive "gunsteel" silvery blue and are comprised of carbonaceous and siliceous shale, argillite and cherty argillite (MacIntyre, 1998). The Gunsteel Formation is the primary group of prospective rocks within the Kechika Trough hosting the Cirque, Cardiac Creek and Driftpile deposits as well as the Fluke, Elf, Pie and Mount Alcock prospects. Occurrences of laminar pyrite and nodular barite are common and are characteristic of Gunsteel Formation rocks. They are overlain by the Akie Formation characterized by soft, medium to dark grey phyllic shale to silty shale and siltstone which typically weather to a rusty brown, tan or silvery colour (MacIntyre, 1998; Demerse and Hopkins, 2008).

The youngest group of rocks within the Earn Group (the Warneford Formation) are interpreted to be proximal to medial turbidites represented by grey weathered chert pebble conglomerates,

quartz wacke and siltstone and are intercalated with the soft shale of Akie Formation (MacIntyre, 1998). The rocks of the Earn Group are present on the Akie property.

5.1.6 Triassic Siltstone (Mississippian to Triassic)

The youngest rocks of the Kechika Trough occur in the core of a major northwest trending synclinorium in the area northwest of the Kwadacha River. They are represented by dolomitic siltstone and limestone similar in character to the Silurian siltstone but can be differentiated by the presence of Triassic brachiopods (MacIntyre, 1998).

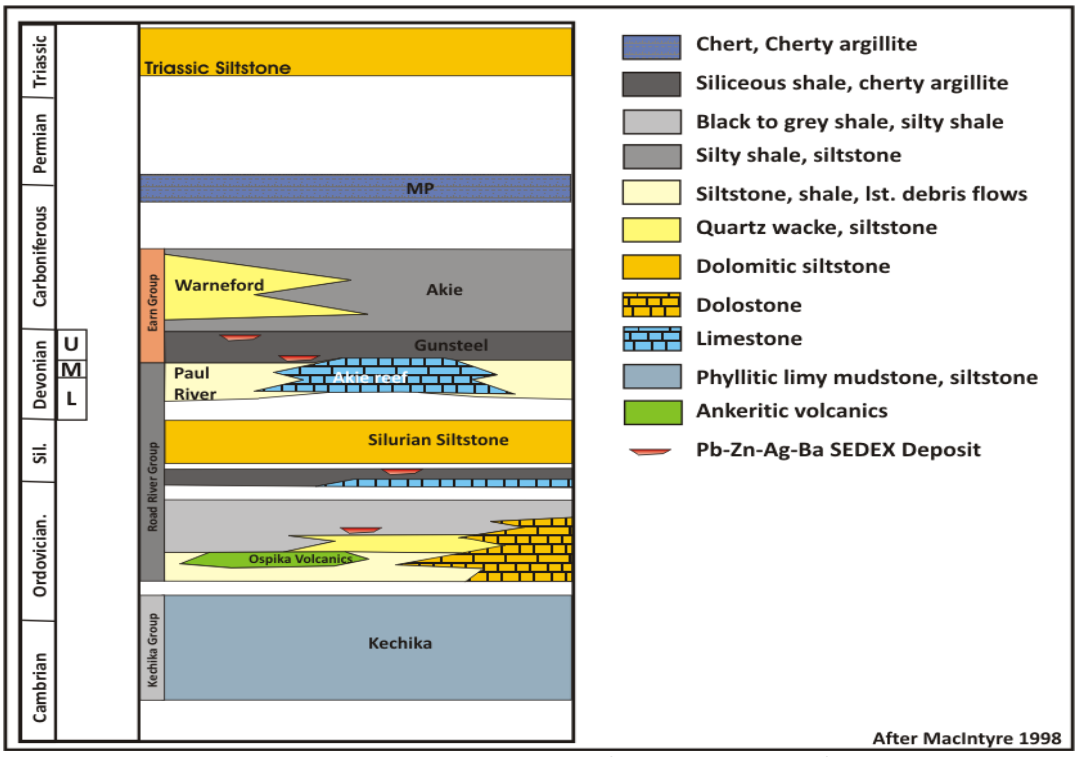


Figure 5-2: Kechika Trough generalised stratigraphic section (after MacIntyre 1998)

5.2 Regional Structure

The following section is a brief summary of the regional tectonic structure that is described in detail by a number of authors including MacIntyre (1992), and Pigage (1986). Recently, MacIntyre (1998, 2005) provided an excellent summary of the tectonic and structural style across the region. This is also summarised in the technical report entitled *Geology, Diamond Drilling and Preliminary Resource Estimation, Akie Zinc-Lead-Silver Property, Northeast British Columbia, Canada* by Donald G. MacIntyre and Robert C. Sim, 2008. The report can be found at www.sedar.com.

The Kechika Trough represents the south-eastern extension of the large basinal structure known as the Selwyn Basin. Within the Trough the basinal-facies rocks are related to the Paleozoic miogeocline of the North American craton (MacIntyre 1992). The prominent strike-slip Tintina Fault, which defines the Rocky Mountain Trench, has truncated the Selwin Basin and Kechika

Trough with an estimated 450 kilometres of right-lateral displacement (MacIntyre 1992). Local to the Kechika Trough the entire region is underlain by a thick succession of clastic, fine-grained siltstones and mudstones, carbonates, and minor volcanics ranging in age from Precambrian to Triassic (MacIntyre 1992). These lithological units are described above. Numerous authors including MacIntyre (1992, 2005, 2008), Pigage (1986), Demerse and Hopkins (2008) have all commented on the linear nature of the geology and how it reflects the "thin-skinned" tectonic style of the Rocky Mountain Fold and Thrust belt. MacIntyre (1992) summarised that the succession of Paleozoic rocks has been affected by northeast directed compression resulting in detachment from the rigid basement rocks stacking them into a series of southwest-dipping imbricate thrust panels. Rocks underlying the thrusts generally form tight isoclinal folds with southwest dipping axial planes while rocks overlying the thrust can be assymetrically folded and have northeast dipping axial planes. This deformation is considered to be late Jurassic to early Tertiary in age (Pigage 1986).

Detailed structural mapping and studies conducted on the Cirque deposit identified two phases of deformation (D_1 and D_2) with D_1 being pervasive throughout the region while D_2 appears to be locally developed (Pigage 1986). At a large scale D_1 is represented by northwest trending tight asymmetric folds that verge northeast. These folds commonly have long, gentle southwest dipping limbs with steep to overturned limbs (Pigage 1986). The D_1 folding is affected by high-angle reverse faulting oriented subparallel to the primary D_1 pervasive fabric (S_1) (Pigage 1986). Regionally the cleavage is well-defined by the S_1 fabric that strikes southeast and dips to the southwest and is axial planar to the D_1 folding (Pigage 1986). Pigage (1986) also describes a D_2 deformation event that is present locally in the vicinity of the Cirque deposit. It is represented by a crenulation cleavage (S_2) and axial planar to open to tight northeast verging folds that deform the primary S_1 cleavage (Pigage 1986). In addition to the high-angle reverse faulting associated with D_1 there are listric-normal, sub-vertical normal and tear faults that cross cut and offset all lithological units (Pigage 1986).

MacIntyre (2008) indicates that local to the Akie Property the structural style changes from west to east. The western edges of the property are defined by imbricated southwest dipping reverse faults that are associated with asymmetric tight to overturned synclines. The eastern edges of the property are bound by east dipping reverse faults that are associated with large, open and upright, folds. A late Tertiary compressional event characterised by north to northeast trending high-angle strike-slip faults cross cut and offset all earlier faulting and other sub-vertical listric normal and normal faulting MacIntyre (2008). MacIntrye (2008) compares the folding and thrusting to earlier work by McClay et al (1989) suggesting that the tectonic framework and style of folding is representative of inversion structures that were described in the Driftpile Creek deposit region by McClay et al.

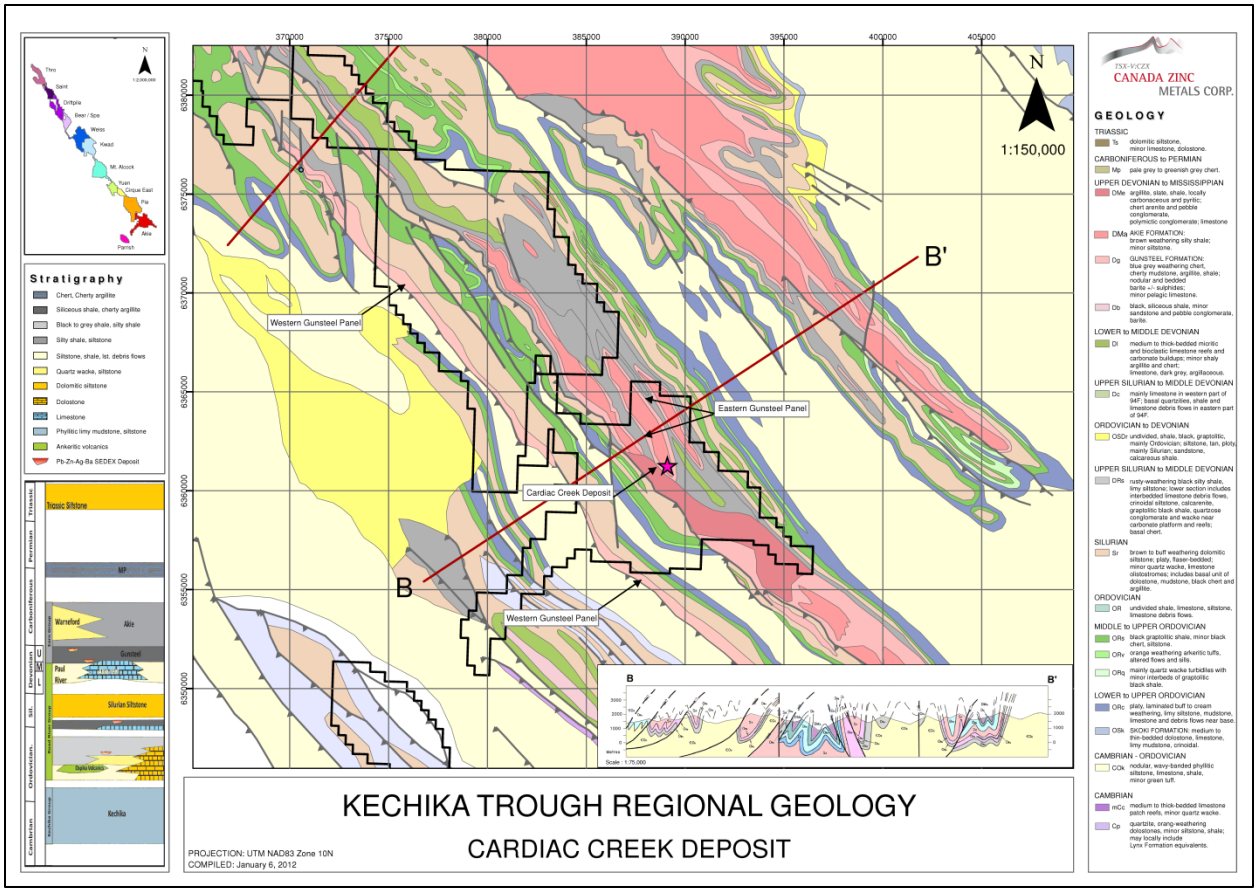


Figure 5-3: Regional geology map (after MacIntyre 1998)

5.3 Property Geology

The geology of the Akie property can be subdivided by Silver creek. To the west of Silver creek, rocks of the Kechika Group and Road River Group are imbricated and in thrust contact with a thick panel of Earn Group comprised primarily of the Gunsteel Formation shales that host the Cardiac Creek deposit. The panel of Gunsteel Formation shales is currently understood to represent an eastern limb of an overturned syncline but also the western limb of a large anticline that straddles Silver Creek. The panel of Gunsteel Formation shales is underlain by the dolomitic to weakly calcareous siltstones of the Road River Group. The siltstones straddle Silver Creek and represent the core of a large anticline central to the property. East of Silver creek, the eastern limb of the anticline gives way to a series of gentle to open dipping minor synforms and antiforms comprised of Earn Group rocks; Gunsteel and Akie Formation shales and Warneford Formation coarser clastics. The eastern edge of the property is bound by an east-dipping thrust fault stacking rocks of the fossiliferous limestones of the Kwadacha Reef and Road River siltstones over the rocks of the Earn Group (MacIntyre 1998). In general, the geology of the western side of the property is well constrained by drilling whereas the geology on the eastern side of Silver Creek is poorly understood due to dense forest cover resulting in a general lack of outcrop exposure. The geology of the central Akie property has been summarised as a large anticlinorium bounded by outwardly dipping thrust faults (MacIntyre 1998). Minor thrusting and faulting are observed across the property, with an unknown degree of displacement. Drilling on

the Akie property has focused primarily on the rocks of the Gunsteel Formation and to a lesser degree those of Akie, Warneford and Paul River Formations, the Silurian siltstones and other rocks of the Road River Group.

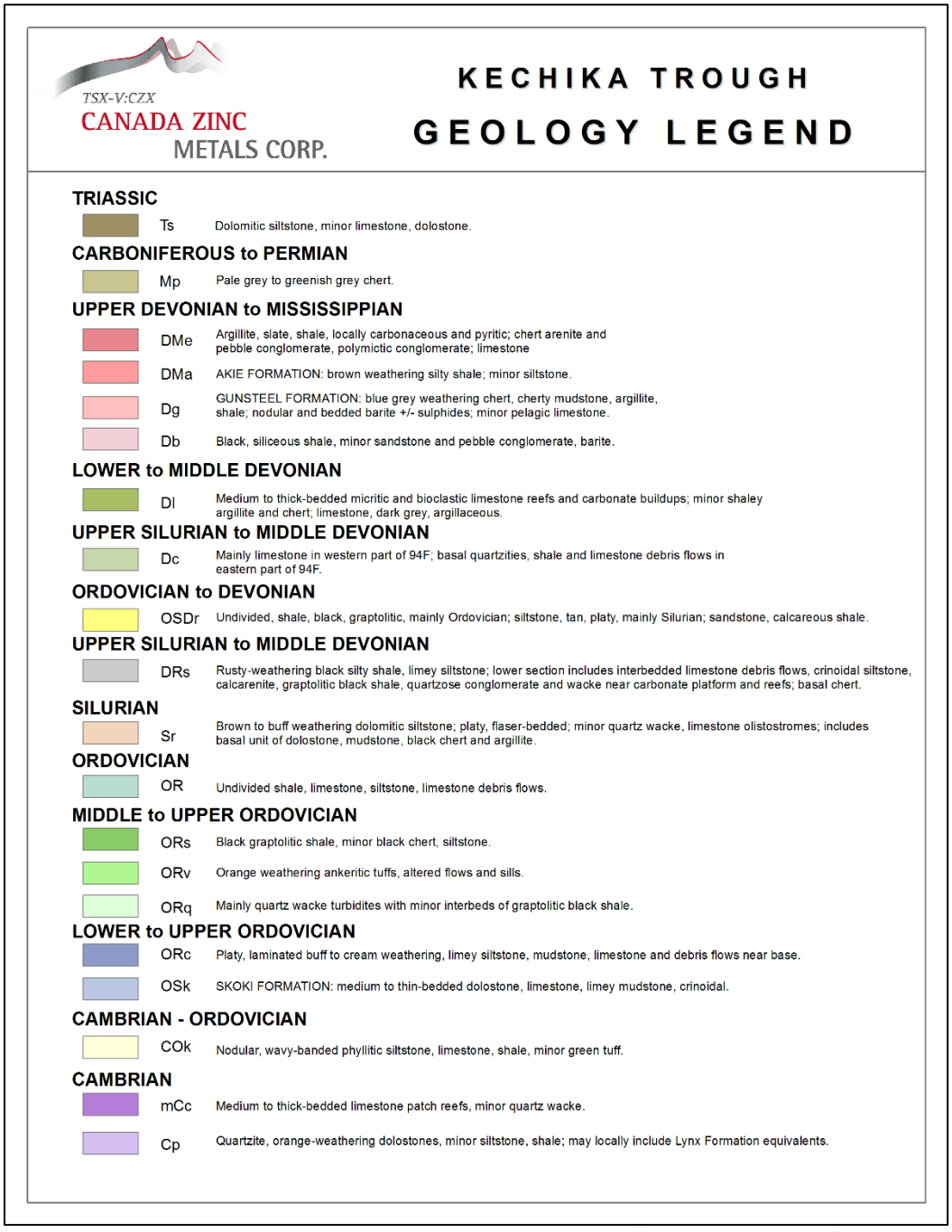


Figure 5-4: Legend for the regional geology depicted in Figures 5-3, 5-4 (after MacIntrye 1998)

6 Deposit Type & Model

The Cardiac Creek, Cirque, Driftpile, and other Pb-Zn-Ag-Ba occurrences within the Kechika Trough are characterized as sedimentary exhalative (SEDEX) deposits. The following is a summary of this deposit type and its characteristics. For a detailed review of SEDEX deposits the reader is referred to the excellent overview paper of Canadian SEDEX deposits by Wayne D. Goodfellow and John W. Lydon, entitled *Sedimentary Exhalative (SEDEX) Deposits* from the publication *Mineral Deposits of Canada: A Synthesis of Major Deposit Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods* by the Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5., 2007.

The Pb-Zn-Ag-Ba deposits and occurrences found within the Kechika Trough (e.g. Cirque, Driftpile and Cardiac Creek), the Selwyn Basin (e.g. Howards Pass, Tom, Jason, Faro and Grum), the Belt-Purcell District (e.g. Sullivan, Ruddock Creek), in Australia (e.g. HY, Century, Mount Isa), and the Brookes Range in Alaska (Red Dog) all share common characteristics and are generally considered to be SEDEX deposits (Goodfellow and Lydon, 2007). Carne and Cathro (1982) popularized the SEDEX deposit type in their early description of the deposits of the Selwyn Basin and Kechika Trough. In general, SEDEX deposits can be characterized as a strataform, tabular body of sulphide mineralisation that is interbedded with its host sediments, typically shales, siltstones and occasionally sandstones. This type of deposit shares many similar characteristics with VMS (volcanogenic massive sulphide) and MVT (Mississippi Valley Type) deposits suggesting a shared genetic link (Goodfellow and Lydon, 2007).

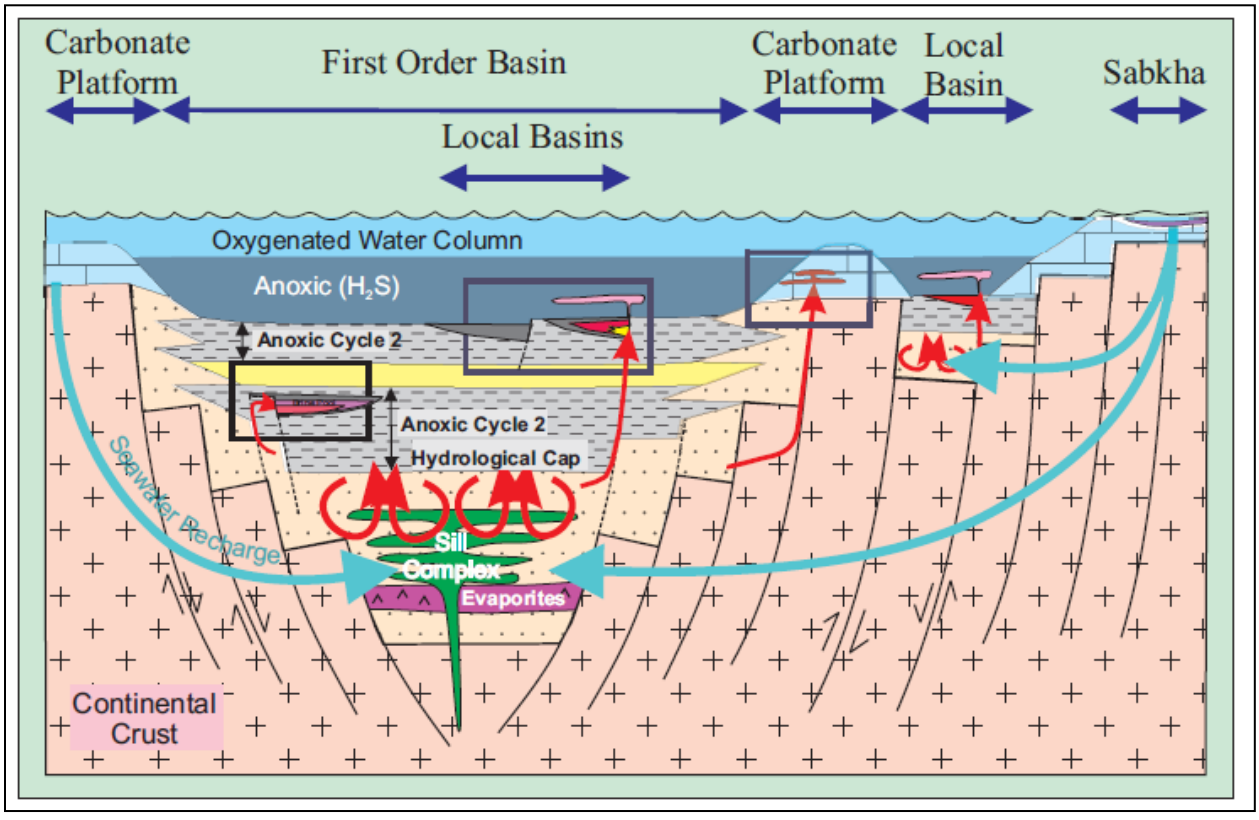


Figure 6-1: Genetic model of SEDEX deposit formation (Goodfellow & Lydon 2007)

Extensive research has been conducted on SEDEX deposits examining the geological characteristics, genetic models and the physiochemical controls (MacIntyre, 2008). This work has resulted in a general consensus regarding the formation of SEDEX deposits in the Selwyn Basin. It is generally thought that these deposits are formed from the precipitation of sulphide and sulphate minerals from metalliferous brines exhaled out onto the seafloor along re-activated rift faults that generated by rapidly subsiding graben or half-graben structures (MacIntyre, 2008; Goodfellow and Lydon, 2007). Recently, research on the Howards Pass Pb-Zn-Ag deposits is beginning to test this theory proposing that possibly in addition to metals being precipitating onto the seafloor the source brines also settled into the unconsolidated sediment pile and precipitated metals below the water-sediment interface (Gadd et al, 2015). The metal-bearing fluids are likely derived from dewatering of fine to coarse grained clastic sediments or carbonate hydrothermal reservoirs (Goodfellow and Lydon, 2007) where leaching has scavenged the zinc and lead and other elements (Figure 6-1). In the Selwyn Basin and the Kechika Trough the coarse clastic grits of the Windermere Super Group are thought to have acted as the hydrothermal reservoir for the mineralizing fluids (MacIntyre, 2008).

Goodfellow and Lydon (2007) recognized two sub-types of SEDEX deposits: vent-proximal and vent-distal. The two types of deposits result from either a buoyant metalliferous brine that precipitates sulphides in close proximity to the source fault structure or a bottom hugging brine that precipitates sulphide mineralization within localized third order basins at a distance from the source fault structure (Figure 6-2). Examples of the vent-proximal deposits include Sullivan, Tom, Jason and Rammelsberg and are characterized by four distinct features including: bedded sulphides; a recognized vent complex; a stringer zone; and distal hydrothermal sediments (Goodfellow and Lydon, 2007). Vent-proximal deposits are typically wedge-shaped, exhibiting a moderately high aspect ratio of length versus thickness. In contrast, vent-distal deposits have well-bedded sulphides, are generally weakly zoned and their morphology conforms to the local basin. This type of deposit is typically tabular in nature with very high aspect ratios (Goodfellow and Lydon, 2007). Typically, SEDEX deposits are hosted in basinal marine sediments such as fine-grained clastics, carbonaceous chert and shale. In some cases, the shale can be interbedded with turbiditic siltstone and sandstone and localized coarse-grained sediments (Goodfellow and Lydon, 2007).

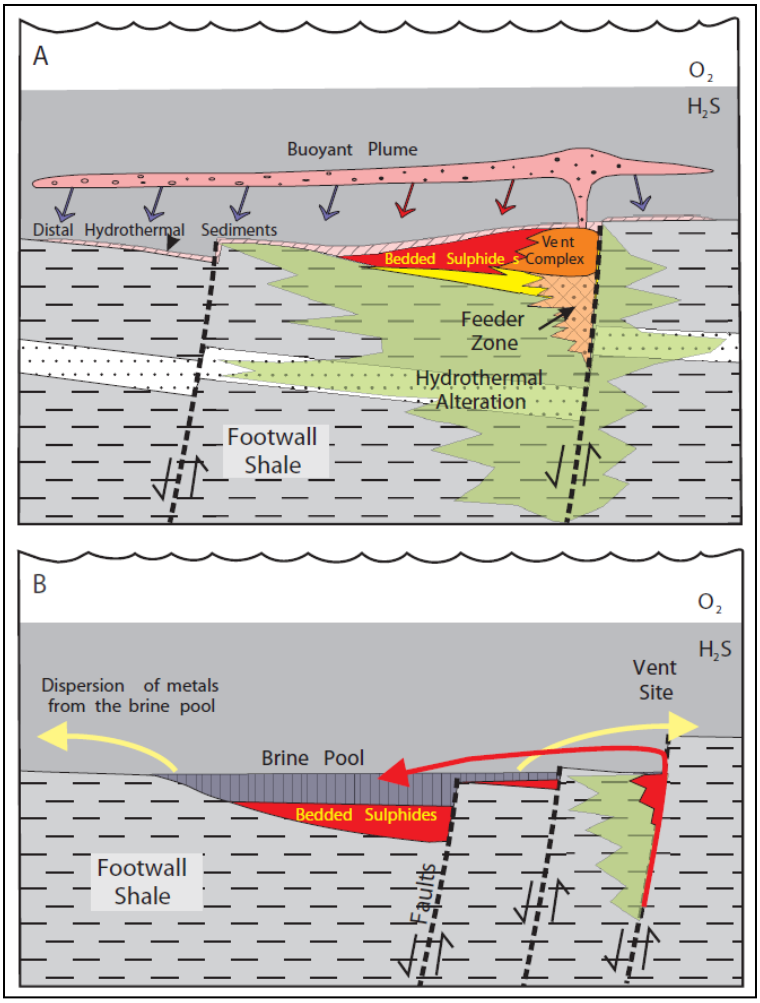


Figure 6-2 Vent-proximal and vent-distal sub-types of Selwyn Basin SEDEX deposits (from Goodfellow & Lydon 2007)

The mineralogy associated with this type of deposit is typically simple with pyrite, sphalerite, galena and barite being most common. Associated with these minerals are a suite of elements that may include: Fe, Mn, P, Ca, Mg, Hg, Cd, As, Sb, Se, Sn, Ga, Bi, Co, Ni, and Tl (Goodfellow and Lydon 2007). Typically, the gold content of this type of deposit is quite low; however, deposits found in Anvil district (Vangorda, Dy) of the Selwyn Basin in the Yukon territory contained mineable grades of the precious metal (Goodfellow and Lydon, 2007). These elemental enrichments commonly exhibit a refined zonation across many of the deposits allowing specific ratios to be used as exploration tools guiding exploration towards possible source vents and economic deposits (Goodfellow and Lydon, 2007). Common metal ratios include: Zn/Pb, Pb/Ag, Cu/(Pb+Zn), Pb/(Pb+Zn), Fe/Zn, Ba/Zn and SiO_2/Zn (Goodfellow and Lydon, 2007).

7 Deposits & Showings

7.1 Cardiac Creek Deposit

Discovery of the Cardiac Creek deposit in 1994 (MacIntyre & Sim 2008) is recent in comparison to the other known occurrences of Pb, Zn, Ag, Ba mineralisation found within the Kechika Trough such as the Cirque and Driftpile deposits, and the Mt. Alcock, Pie, Fluke and Elf occurrences, all of which were discovered prior to 1980. The deposit was discovered by prospecting along a steeply inclined mountain creek dubbed Cardiac Creek while assessing a single station soil anomaly from a previous soil sampling program by Paul Baxter and his exploration team (*pers comm.* Paul Baxter). Initial drilling programs conducted by Metall Mining/Inmet Mining from 1994 to 1996 defined a historical non-NI 43-101 compliant resource of 12Mt grading 8.6% Zn, 1.5% Pb, 17.1g/t Ag (MacIntyre, 2005). In 2018 the Company updated the earlier 2012, and 2016 NI 43-101 compliant resource calculations for the Cardiac Creek deposit. The updated resource consists of an indicated resource of 22.7Mt grading 8.32% Zn, 1.61% Pb, 14.1g/t Ag and an inferred resource of 7.5Mt grading 7.04% Zn, 1.24% Pb, 12.0g/t Ag at a cut-off grade of 5% Zn. This updated resource was incorporated into a Preliminary Economic Assessment on the entitled *NI 43-101 Technical Report Akie Project, British Columbia, Canada* by JDS Energy & Mining Inc. The report is filed on SEDAR (www.sedar.com). The location of the deposit is central to the Akie property claim block, situated under both the Cardiac and Avalanche Creek beds, which drain into Silver Creek (Figure 7-1).

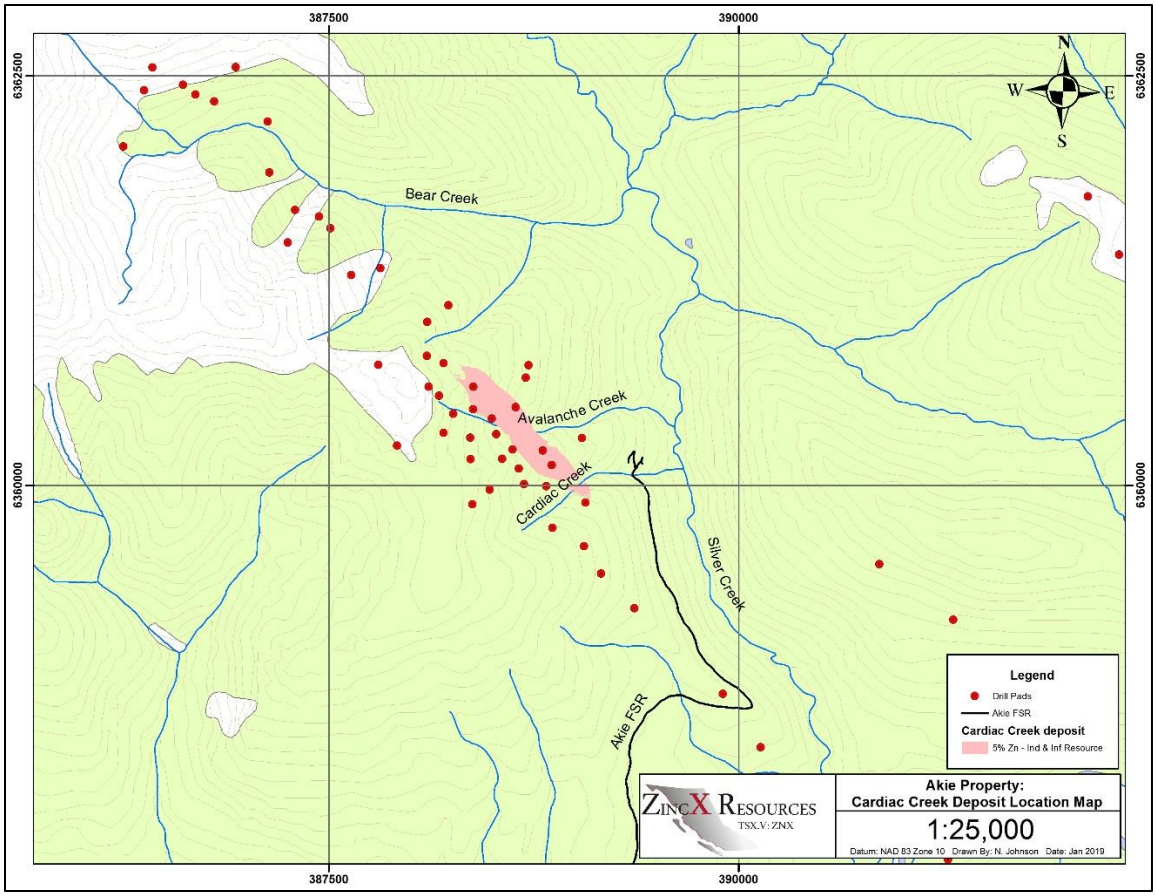


Figure 7-1: Cardiac Creek deposit location map: Red outline is the 2018 NI 43-101 compliant 5% Zn cut-off inferred and indicated resource outline

In general, the Cardiac Creek deposit is situated proximal to the base of the Gunsteel Formation and near the contact between the Gunsteel Formation and Road River Group. The contact is typically separated by a thin sliver of debris flow associated with the Paul River Formation. The deposit is interpreted to be a SEDEX-type body of Pb, Zn, Ag, Ba mineralisation and is represented by a "sheet-like" tabular body of stratabound sulphides interbedded with black siliceous shales trending NW-SE, though striking at 130 degrees and dipping at 70 degrees SW and ranging in thickness from 5 to 50 metres thick. The mineralised horizon can be traced over 6 kilometres from the Bear Valley Creek down to the Akie River. The mineralogy of the deposit is relatively simple, dominated by pyrite, barite, sphalerite and galena. An internal petrological report identified a rare occurrence of Stannite (Sn oxide) (Lehne, 1995) though no systematic petrological study of the mineralogy has taken place. Analytical data collected from the sampling of drill holes indicates an enrichment in the following suite of elements: Pb, Zn, Ag, Ba, Fe, Cd, Sn, Tl, Hg, S, Pd(?), In and Ga associated with the Cardiac Creek deposit.

7.2 The Sitka Showing

The Sitka Showing is located along the eastern edges of the Akie property in the immediate vicinity of what is typically referred to as "Repeater Hill". The showing is situated in a sparsely treed meadow near the crest of the mountain. At a distance the outcrop has a prominent white

weathered appearance which prompted the initial investigation of the area. The showing is located at 392,016mE, 6,361,651mN and is approximately 6 metres long by 3 metres wide with a general NW-SW orientation. It consists of massive white to off-white barite, quartz and carbonate with minor red brown sphalerite and galena. The showing is situated along the thrust contact between the Silurian siltstones of the Road River Group and the black shales of the Earn Group (Figure 7-2).

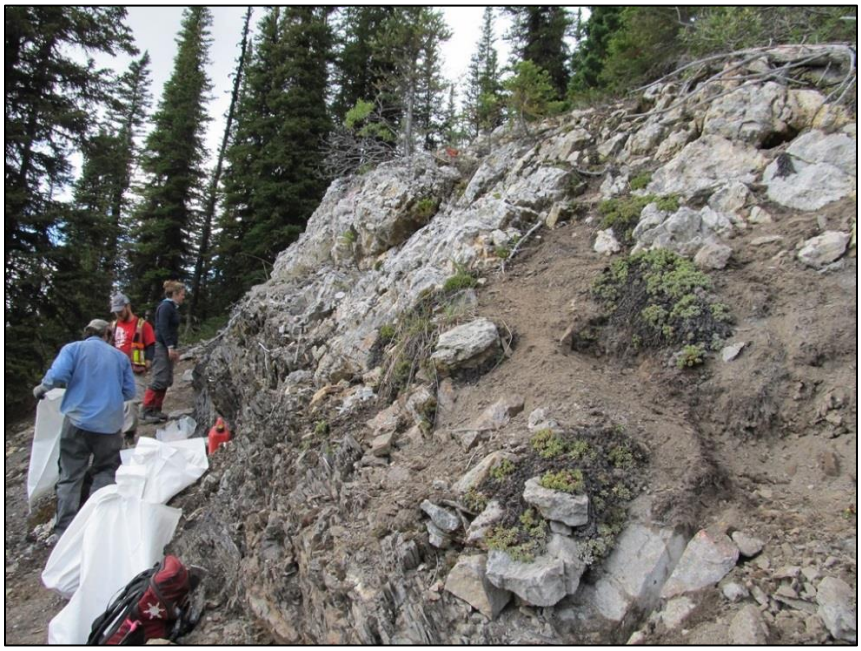


Figure 7-2: Channel sampling at the Sitka Showing (Johnson 2014)

Red brown coarse-grained sphalerite is disseminated throughout the barite whereas the galena is concentrated within localized pods or seams. The sulphides preferentially weather giving the outcrop a pockmarked appearance in places. Channel sampling across the showing returned highly anomalous Pb and Zn values with grade up to 3.72% and 5.12%, respectively. Grab samples taken in the vicinity of the showing returned spectacular values of Pb and Zn with grades up to 12.04% and 43.55% respectively (Johnson 2014).

7.3 The North Lead Zone

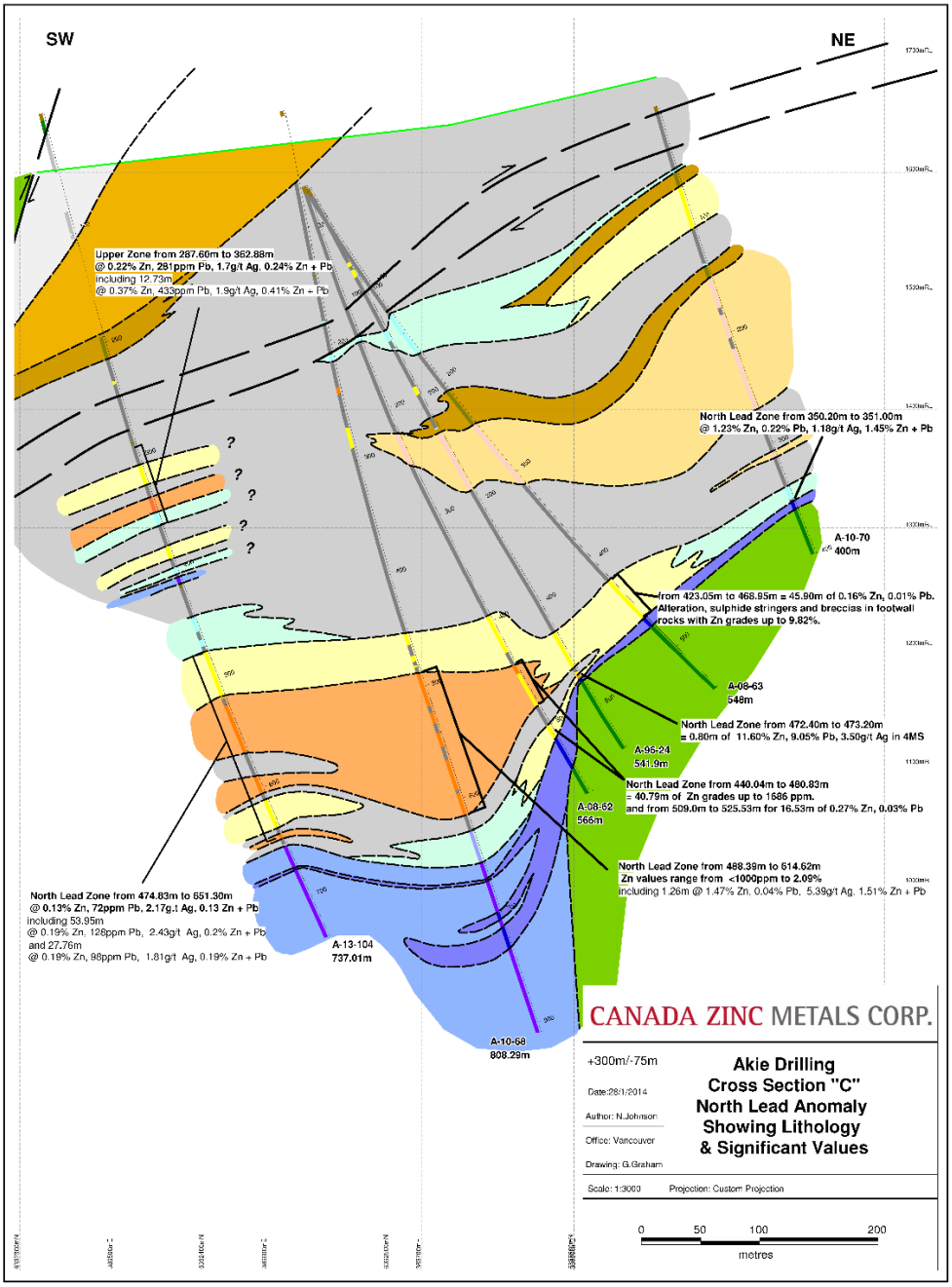


Figure 7-3: Schematic cross-section through the North Lead zone on XS 325S

The North Lead Zone is located approximately 3 kilometres along strike of the Cardiac Creek deposit to the northwest in a cirque referred to as "*Bear Valley*". Historical drilling has been intermittent on this target area occurring in 1996, 2008, 2010, 2013, and 2018. A total of 6,044.26 metres have been completed in 11 holes. The drilling has outlined a large mineralised system at the same stratigraphic horizon at the Cardiac Creek deposit that can be characterised by extremely thick intervals of thickly bedded pyrite with nodular barite that is highly anomalous in both Zn and Pb with grades up to 2.08% Zn in hole A-08-68. A thin 80 centimetre interval of massive sulphide was also intersected in A-96-24 which returned 11.60% Zn and 9.05% Pb. This

mineralised system has been traced over a strike length of 750 metres and has a dip extent of 525 metres (Figure 7-3).

8 Exploration Program

8.1 Introduction

The 2018 exploration program was based out of a trailer camp located at the 24.5 kilometre mark of the Akie mainline FSR that is situated in an old Canfor forestry cut block (Figure 8-1). The seasonal camp can accommodate up to a maximum of 50 people and was opened for the 2018 season in mid-June. Diamond drilling operations began on the 24th of June and continued until the 4th of September. The camp was winterized and closed on 6th of September. Exploration personnel for the duration of the program fluctuated from 10 to 25 people.

An expediter in Mackenzie provided logistical support for the camp, arranging the shipment of major supplies. Minor supplies were obtained locally from the two First Nations villages of Tsay Keh Dene and Kwadacha, both located at the northern end of the Williston Lake reservoir. There was a variety of contractors on site providing services to the program. The key contractors are listed below.

- **Coast Mountain Geological Inc.:** Provided logistical support and technical staff such as geologists and geotechnicians.
- **Western Exploration Diamond Drilling:** Provided drilling services.
- **Canadian Helicopters:** Provided helicopter support to the project.
- **ESS:** Provided catering and management services for the camp.
- **Kwadacha Natural Resources LP:** Provided local labour services.
- **Minconsult Mining & Exploration Services Ltd.:** Provided drill platform construction services.

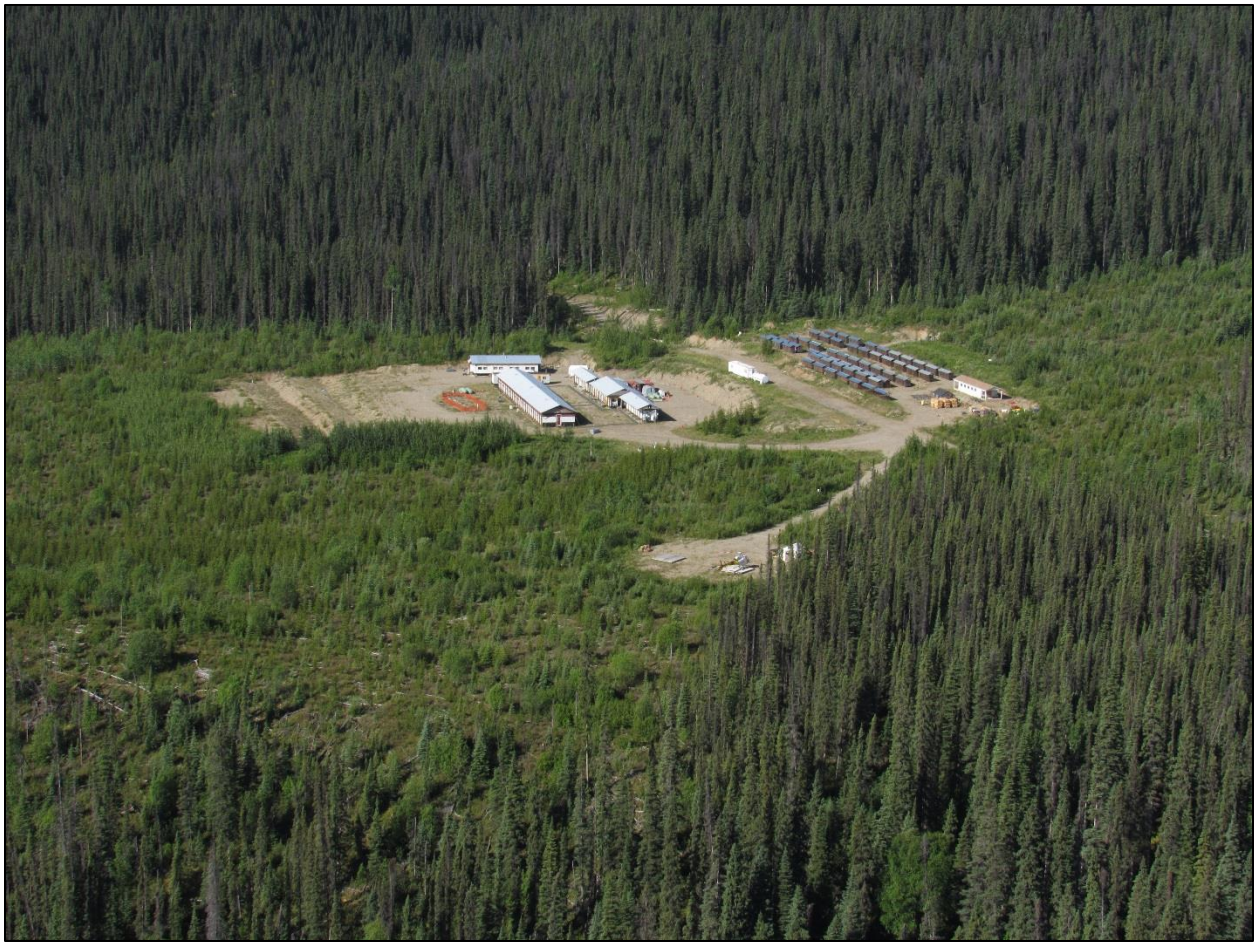


Figure 8-1: The Akie exploration camp (Photo by N. Johnson 2017)

Claimed expenditures on the Akie property during the 2018 exploration program total $1,333,828.15 spent on drilling operations. The breakdown of the exploration costs is presented in Section 12.0 Statement of Expenditures.

8.2 Program Objectives

The 2018 diamond drilling exploration program focused on testing several different target areas on the property. No drilling was completed on the Cardiac Creek deposit in 2018. The Sitka, North Lead, and South-East Extension Zone were all targeted during the 2018 exploration program.

8.3 Field Protocol

The exploration procedures implemented during the 2018 exploration program are outlined below

8.3.1 Drill Hole Numbering and Collar Locations

All the drill holes were numbered in accordance with the historical scheme with "A" (for the Akie property) dash "18" (the year) dash "144" (the next hole number in sequence). If a hole was abandoned and re-collared, the hole number shifted to the next number in sequence. The practice of suffixing the re-collared hole number with the letter "A" has been discontinued. To mark the location of a drill hole the casing remained in the ground. A casing cap is then screwed into place engraved with the hole number, azimuth, dip, and depth of hole (Plate 8-2). Occasionally, the casing from abandoned holes was pulled and used again in which case the hole was marked using a log if possible.

8.3.2 Down hole Surveys

Down hole directional surveys were taken at an average of every 30 to 50 metres (approximately 100 to 150 feet) using a Reflex EZ-Shot single-shot down-hole survey tool. This survey tool provided point measurements of azimuth and dip of hole with estimated precisions of ± 0.5° and ± 0.2°, respectively. Allowing for a hypothetical depth to target of 550 metre, the propagated horizontal and vertical uncertainties on a longitudinal projection or cross-section do not exceed 5 metres and 2 metres, respectively.

Figure 8-2: Capped casing

8.3.3 Core Handling & Logging

All drill core was boxed by the drill helper at the drill site. The core was flown to camp via helicopter for logging and sampling. The core is received by the geotechnician. The beginning and ending depth of each box is recorded and each box is labeled with aluminum tags. The technician measure and records the recovery and RQD characteristics of all the core. Characteristics such as lithology, veining, mineralisation, alteration, etc., are recorded by the geologist into the predefined logging template using a laptop computer. Selected samples are marked out by the geologist using, with a few exceptions, a maximum of 1.5 metre sample length. The technician staples an aluminum tag, denoting the sample number, to the bottom of the box at the start of a given sample interval. Additional aluminum tags are stapled vertically at the start and end of each sample interval to clearly define sample boundaries. Drill holes are then photographed in their entirety by a technician prior to cutting of the samples; for QA/QC purposes.

Sampled intervals are cut in half by a core cutter using a diamond rock saw. The remaining core was returned to the core box as a record. The split sample is placed in a doubled-up polypropylene bag and each bag is secured with a zap strap. The samples are placed in polypropylene woven rice sacks, five samples to a sack, and kept in secure storage to await

transportation to the analytical laboratory in Vancouver. The drill core is stored on-site in constructed core racks and/or cross-piled on wooden pallets.

8.3.4 Sample Security

All samples were stored and kept dry in a canvas tent located near the office trailer to await transportation. The samples were then shipped backhaul via bonded carrier KNGV Ltd. to Mackenzie and held under the supervision of the camp expediter, Vicki Podgorenko. The samples are then shipped to Bureau Veritas located in Vancouver, British Columbia (formerly Acme Analytical Laboratories) via the bonded carrier Bandstra Transportation Systems Ltd.

8.3.5 QA/QC Methodology

The 2018 exploration program followed strict, industry standard QA/QC guidelines. Pulverized blanks, duplicate samples and two different standards were used. The blanks, standards or duplicate samples were inserted into the sample stream at intervals of every 10 samples. Bureau Veritas also applied their own QA/QC procedures by systematically inserting standards, blanks and duplicates into sample batches. Approximately 10% of all the samples submitted to Bureau Veritas were forwarded to ALS Global Labs located in Vancouver, British Columbia for check assay purposes.

8.3.6 Analytical Procedures

Bureau Veritas in Vancouver analyzed all the 2018 samples. Samples were prepared in the following manner. The preparation of drill core samples was completed using the PRP70-250 package. Samples are crushed in their entirety using a crusher made of tool steel. Sample material is crushed until 70% passes through a 10-mesh sieve. A riffle split of 250 grams is taken, homogenized and pulverized to 85% passing a 200-mesh sieve. The selected analytical packages are then conducted on the prepared samples.

Assays for the primary metals of interest, Zn, Pb, and Ag were obtained using the AQ270 package. This involved a minimum 1-gram aliquot of the homogenized pulp which is digested in hot aqua-regia and analyzed for a suite of 34 elements using inductively coupled plasma emission spectrometry (ICP-ES) as well as inductively coupled plasma mass spectrometry (ICP-MS). The detection limits for the key elements of Zn, Pb, and Ag are 5 parts per million (ppm), 0.5 ppm and, 0.5 ppm, respectively. Over limits for Zn are analyzed using the GC816 package where to 0.5 to 1 gram of prepared pulp material is weighed and digested with a multi-acid followed by a hydroxide precipitation. The sample is then analyzed using titration. Due to the insoluble nature of barite whole rock analysis was completed using the LF300 package. This involves total fusion of a 0.1 gram split of the pulp using a lithium metaborate flux followed by digestion in dilute nitric acid. Subsequent analysis by inductively coupled plasma emission spectrometry (ICP-ES) returns a suite of 11 major oxides and 9 elements. The key element of interest was barium (Ba) with a detection limit of 5 ppm and an upper limit of 50,000 ppm. Specific gravity (SG) measurements were made on the pulps of each sample using the SPG01 package. A split of dry pulp is weighed to a class A volumetric flask. The two are weighed on a top-loading balance. The weights are recorded and calculated for specific gravity.

8.3.7 Drilling Conditions

The drilling conditions on the Akie property are difficult and can be attributed to several factors:

1. The fissile character of the host Gunsteel Formation shales (Figure 8-3).
2. Poor ground conditions associated with brittle faulting encountered in the Gunsteel Formation (Figure 8-4).
3. Loss of water circulation down hole due to the highly fractured nature of the rock.

As a result, the rate of drilling can be quite slow. The use of drilling additives can improve production rates and core recovery leading to the successful completion of drill holes.

Figure 8-3: Fissile character of the Gunsteel shale

Figure 8-4: Poor ground conditions due to brittle faulting

8.4 Diamond Drilling Program

The 2018 drilling program involved 5 planned drill holes with the primary objective of testing several different target areas on the Akie property. The target areas included the Sitka Showing with one planned drill hole, the South-East Extension with two planned drill holes, and the North Lead Anomaly with one planned drill hole. Six holes were drilled totaling 2,163.00 metres. Five holes were completed to their intended depths and one hole was abandoned due to excessive down-hole deviation. The drill core is stored at the company's exploration camp (Figure 8-1) with the UTM coordinates of 379,335mE, 6,351,701mN. The details of each drill hole are found in Table 8-1. A summary of the drilling is provided in the following sections. Plan view maps of the drill hole locations and cross sections of each hole can be found in Appendix 1, the drill logs in Appendix 2 and the analytical certificates in Appendix 3.

HOLE ID	UTM E (m)	UTM N (m)	ELEV (m)	AZIMUTH (°)	DIP (°)	LENGTH (m)	Target Zone
A-18-144	392130	6361764	1669	230	-58.1	307.68	Sitka Showing
A-18-145	392130	6361764	1669	231	-44.1	198.12	Sitka Showing
A-18-146	389058	6359628	1330	51	-71.4	151.49	Abandoned
A-18-147	389058	6359628	1330	51	-82	535.53	South-East Extension
A-18-148	386247	6362068	1584	48	-65.3	721.46	North Lead Anomaly
A-18-149	392322	6361407	1742	230	-60.3	248.72	Sitka Showing

Table 8-1: Drill hole collar information

8.4.1 Sitka Showing

A total of 754.52 metres were completed in 3 drill holes. A summary of each drill hole is presented below. A plan-view map, cross sections, drill logs and analytical certificates can be found in Appendices 1, 2 and 3, respectively.

A-18-144

Drill hole A-18-144 was the first of two holes that targeted the down-dip extension of the Sitka Showing with an expected pierce point located approximately 100 metres down-dip from surface. The hole was completed to a depth of 307.68 metres. Deviation was not an issue.

The drill hole collared into a thick sequence of the variably calcareous to dolomitic siltstones interpreted to be the Silurian Siltstone of the Road River Group. The siltstone is interbedded with thin intervals of silty black shale with very gradational contacts. The Silurian Siltstone continues to a depth of 199.98 metres where it is in thrust contact with the fossiliferous limestones of the Kwadacha Reef. The contact is marked by a distinct strain zone rather than a more common brittle fault structure. Seemingly associated with the contact are a series of narrow (up to 2 metres thick) vein zones starting at a depth of 172.90 metres that are characterised by blue-grey quartz veins that cut and are cross cut by the more common off-white quartz-carbonate veins and/ or quartz stringers. These blue-grey veins are host to abundant reddish-tan-brown coarse-grained sphalerite as well as minor pyrite. The thickest and highest concentration of mineralised veining is situated along the contact between the Silurian Siltstone and the Kwadacha Reef. The fossiliferous limestones of the Kwadacha Reef continue to a depth of 216.90 metres

characterised by abundant corals, bivalve and possible bryozoans. Stylolites are present throughout. Minor tan to brown sphalerite is present within some fractures and small veinlets. The limestone is in thrust contact with the medium to dark grey shales interbedded with light grey thin silty to sandy beds of interpreted Akie Formation of the Earn Group. The hole was terminated at a depth of 307.68 metres within the shales of the Akie Formation.

A-18-145

Drill hole A-18-145 was the second hole to target the down-dip extension of the Sitka Showing. The hole was collared with a dip of -44.1 degrees attempting to intersect the showing at an approximate depth of 50 metres below surface. The hole was completed to a depth of 198.12 metres. Deviation was not an issue.

The lithology is very similar to hole A-18-144. The hole collared into the variably calcareous siltstones of the Silurian Siltstone interbedded with narrow silty shale beds. The siltstone continued to a depth of 175.88 metres and is in thrust contact, marked by a high strain zone rather than brittle faulting, with the underlying dark grey to black shales of the Akie Formation. The fossiliferous limestone, which is present in hole A-18-144, was not intersected. Sphalerite bearing blue-grey quartz veining occurs as narrow vein zones, starting at a depth of 148.13 metres, and continuing intermittently to the contact between the Silurian Siltstone and the Akie Formation shales, at a depth of 175.88. The shales of the Akie Formation are dark grey to black with abundant thin silty to sandy light grey interbeds. The hole was terminated at a depth of 198.12 metres within the shales of the Akie Formation.

A-18-149

Drill hole A-18-149 targeted the strike extension of the Sitka Zone as well as testing for a potential source of a large Ag soil anomaly defined during the 2013 exploration program. The open-ended soil anomaly is roughly 1 kilometre long and 200 metres wide with Ag values ranging up to >14g/t. The hole was collared approximately 400 metres to the southeast of holes A-18-144 and A-18-145. The hole was planned for 350 metres however it was only completed to a depth of 248.72 metres due to water supply issues and cold weather conditions at elevation. Deviation was not an issue.

The hole collared into the variably calcareous siltstones of the Silurian Siltstone. Pervasive limonitic alteration was encountered to a depth of 66.00 metres and presumed to be surficial weathering. From 66.00 to 88.10 metres the alteration becomes patchy and localized. From 88.10 metres to the lower contact, estimated to be at 97.98 metres, the interval is strongly altered, disrupted and faulted. The contact between the Silurian Siltstone and the Kwadacha Limestone is obscured by this alteration and faulting. From approximately 95.00 to 107.84 metres there are abundant blue-grey quartz veins present within the brittle fault structure and alteration. These veins are host to minor amounts of galena, and what appears to be weathered sphalerite. The limestone is medium grey, massive and contains abundant bryozoans and crinoids and continues to a depth of 133.26 metres. The lower contact with the Akie Formation shales is faulted at 133.26 metres. Soft black shales of the Akie Formation contain abundant thin beds of light grey silt with a few debris flows and thin beds of sand. There are rare, scattered, bright brassy yellow

pyrite lenses present within the shales, with a couple of thicker lenses present at 141.20 and 157.50 metres. Below 199.00 metres there are scattered, 1 to 3 centimetre thick bands of nodular barite and wispy light grey silt. The hole was terminated at a depth of 248.72 metres within the shales of the Akie Formation.

8.4.2 South-East Extension

A total of 687.02 metres were completed in 2 drill holes. A summary of each drill hole is presented below. A plan-view map, cross sections, drill logs and analytical certificates can be found in Appendices 1, 2 and 3 respectively

A-18-146

Drill hole A-18-146 targeted the South-East Extension of the Cardiac Creek deposit in a large open area along strike of the edge of the deposit, defined by holes A-11-92 and A-11-95. The hole experienced an extreme amount of flattening, resulting in abandonment at a depth of 151.49 metres. The hole was recollared as A-18-147.

A-18-147

Drill hole A-18-147 targeted the South-East Extension of the Cardiac Creek deposit in a large open area between the edge of the deposit, defined by A-11-92 and A-11-95, and A-94-06. A pierce point was obtained directly between the edge of the deposit and hole A-94-06. The hole was completed to a depth of 535.53 metres. Deviation was an issue with the hole experiencing greater than expected flattening, however a pierce point was achieved within the desired target area.

The hole collared into the black siliceous shales of the Gunsteel Formation with numerous intervals of fragmental shales, cherty shale and minor nodular barite and laminar pyritic shales extending down to a depth of 279.78 metres. A very large sequence of distal facies pyrite was intersected at a depth of 327.25 metres, extending down to a depth of 447.81 metres. The mineralisation is characterised by thick bands of very fine-grained dull-brown laminar pyrite, nodular barite, and shale. The mineralisation is intricately folded but appears to display an overall ‘S’ fold. The Proximal Facies of the Cardiac Creek deposit was intersected at 479.65 metres and continued for 10.42 metres. The mineralisation consists of thickly bedded dull-brown laminar pyrite with minor, thin, light grey sphalerite bands. The upper contact is marked by a small quartz-carbonate vein zone. A sequence of shale, cherty shale and minor distal facies pyrite is present underneath the main zone of mineralisation. A thin 35 centimetre zone of nodular to laminar bedded barite is present at the base of the Gunsteel Formation, that is in contact with a thin 2.5 metre interval of limestone of the Kwadacha Reef. The hole was terminated in the Silurian Siltstone at a depth of 535.53 metres.

8.4.3 North Lead Anomaly

A single drill hole totalling 721.46 metres was completed on the North Lead Zone. A summary of the drill hole is presented below. A plan-view map, cross sections, drill logs and analytical certificates can be found in Appendices 1, 2 and 3 respectively

A-18-148

Drill hole A-18-148 targeted the North Lead Anomaly testing the down-dip extension of the mineralisation encountered in A-13-104. Deviation was not an issue and a pierce point was obtained in the target area. The hole was completed to a depth of 721.46 metres.

The hole collared into the graptolitic black silty shales of the Road River Group. The graptolitic black silty shales, black shale interbedded with limestone, and variably calcareous siltstones of the Silurian siltstone continued to a depth of 253.00 metres. The lower contact with the soft shales of the Akie Formation is marked by a high strain zone rather than a brittle fault structure. The Akie Formation shales transition into a sequence of shales with disrupted lenses of silt and sand, black siliceous shale and minor nodular barite intervals which continue to a depth of 301.50 metres. A series of laminar pyrite and laminar to bedded barite intervals are present from 358.89 to 423.52 metres, which gradually transition into a sequence of alternating black siliceous shales of the Gunsteel Formation, and distal facies nodular barite with laminar pyrite intervals from 430.63 down to 551.87 metres. Siliceous and cherty shale are present towards the bottom of the hole which transitions into the siliceous shales of the Paul River Formation, at a depth of 588.53 metres. The Paul River Formation extends over 37.54 metre before shifting into the underlying rocks of the Silurian Siltstone. The hole was terminated at a depth of 721.46 metres within the variably calcareous siltstones of the Silurian Siltstone.

8.5 Drill Hole Results

A summary of the analytical results can be seen below in Table 8-2. The certificates of analysis can be seen in Appendix 3.

Drill Hole	From (m)	To (m)	Width (m)	Zn (%)	Pb (%)	Ag (g/t)†	Zn+Pb (%)
A-18-144							
	172.72	174.59	1.87	3.54	NSR	NSR	3.54
	186.51	187.15	0.64	1.53	NSR	NSR	1.53
	196.70	201.78	5.08	3.79	NSR	NSR	3.79
including	199.01	200.00	0.99	11.33	NSR	NSR	11.33
A-18-145							
	148.13	148.76	0.63	7.51	NSR	NSR	7.51
	159.40	159.80	0.40	3.35	NSR	NSR	3.35
	163.37	163.83	0.46	4.65	NSR	NSR	4.65
	168.05	175.69	7.65	1.91	NSR	NSR	1.92
including	168.05	170.22	2.17	5.57	NSR	NSR	5.57
including	168.05	168.91	0.86	11.09	NSR	NSR	11.09
A-18-147							
CCZ	475.97	487.06	11.09	0.10	NSR	NSR	0.10

and	507.97	514.98	7.04	0.31	NSR	NSR	0.31
A-18-148							
	299.03	327.45	28.42	0.10	0.01	NSR	0.11
	350.17	395.48	45.31	0.13	0.02	NSR	0.15
	429.64	482.51	52.87	0.14	0.02	NSR	0.16
A-18-149							
	94.86	107.84	12.98	1.10	NSR	NSR	1.10
Including	95.80	97.98	2.18	3.47	NSR	NSR	3.47

Table 8-2: Summary of drill results. Note: True widths are not known, core lengths are reported. No Significant Results (NSR)

8.5.1 Sitka Showing

Drill holes A-18-144 and A-18-145 targeted the down-dip extension of the Sitka Showing and A-18-149 tested the strike extent of the Sitka Showing as well as a large Ag-rich soil anomaly located approximately 200 metres downslope from the collar location.

Drill holes A-18-144 and A-18-145 both intersected a series of narrow vein zones characterised by smoky blue-grey quartz veining that host coarse-grained red-tan-brown sphalerite, that is commonly cross-cut by barren white quartz-carbonate veining. In hole A-18-144 these vein zones occur from 172.90 to 217.31 metres and in hole A-18-145 they extend from 148.13 to 176.12 metres. These vein zones roughly correlate to the down-dip projection of the Sitka Showing and generally appear to be associated with the contact between the Silurian Siltstone and the Kwadacha Limestone. It is uncertain whether these vein zones correlate with the Sika Showing at surface. Both drill holes returned significant results such as 5.08 metres of 3.79% Zn in hole A-18-144 including 0.99 metres of 11.33% Zn and 7.65 metres of 1.91% Zn in hole A-18-145 including 0.86 metres of 11.09% Zn.

Drill hole A-18-149 is marked by extensive zones of limonitic with possible hematitic or manganese alteration present from the collar of the hole down to the contact with the Kwadacha limestone. The blue-grey veins observed in holes 144 and 145 are also present in hole 149 and appear to be associated with the contact between the Silurian Siltstone and the Kwadacha Limestone. These veins are host to sphalerite and a few seams of galena. The contact is also marked by an intense zone of limonitic alteration which has destroyed the primary fabric of the rock, weathered the existing sulphides and disrupted the veining present. Despite the alteration the hole returned notable zinc results with 12.98 metres of 1.10% Zn including 2.18 metres of 3.47% Zn. In addition to the veining, hole 149 also intersected a broad zone of Ag enrichment from 192.71 to 233.50 metres, with Ag values ranging from 2.4 to 14 g/t hosted within the black shales of the Earn Group which are interpreted to be the Akie Formation. There are no notable values of Pb or Zn associated with the Ag values. These results are summarised in Table 8-3. The sampling was selective over narrow intervals focused on the presence of minor nodular barite bands and a few pyrite lenses.

Hole ID	From (m)	To (m)	Length (m)	Sample #	Pb (ppm)	Zn (ppm)	Ag (ppm)
A-18-149	192.71	193.25	0.54	2697676	17	523	2.4
A-18-149	193.25	193.75	0.50	2697677	44.5	880	5.6

A-18-149	193.75	194.33	0.58	2697678	30	890	5.1
A-18-149	207.85	208.79	0.94	2697680	9.3	474	5.8
A-18-149	208.79	209.79	1.00	2697681	7.9	632	6.3
A-18-149	209.79	210.18	0.39	2697682	31	220	11.5
A-18-149	210.18	210.84	0.66	2697683	7.8	158	6.1
A-18-149	210.84	211.68	0.84	2697684	23.4	113	14.0
A-18-149	220.22	220.98	0.76	2697685	9.4	135	6.4
A-18-149	220.98	221.76	0.78	2697686	9	161	5.8
A-18-149	221.76	222.69	0.93	2697687	8.5	506	6.8
A-18-149	222.69	223.39	0.70	2697688	5.6	431	11.4
A-18-149	229.57	230.73	1.16	2697690	12.3	361	5.2
A-18-149	230.73	231.65	0.92	2697691	9.9	149	5.5
A-18-149	231.65	232.51	0.86	2697692	7.8	393	8.4
A-18-149	232.51	233.55	1.04	2697693	5.5	212	9.5

Table 8-3: Summary of Ag rich results from hole A-18-149

8.5.2 The South East Extension

Drill holes A-18-146 and A-147 both targeted the South East Extension. Hole 146 was abandoned due to extreme deviation, however hole 147 was completed to its intended depth. Extensive distal facies mineralisation comprised of abundant laminar pyrite and nodular barite bands was intersected over a length of 120.56 metres from 327.25 to 447.81 metres. Despite the large interval of mineralisation sampling returned only a few sporadic anomalous Zn values in excess of 1000ppm, and negligible Pb and Ag values. Proximal facies mineralisation, representing the Cardiac Creek horizon, consisting of thick beds of laminar pyrite, was intersected over 10.42 metres at a depth of 479.65 metres. This interval returned 11.09 metres of 0.10% Zn but only nominal Pb and Ag values. A narrow interval from 507.97 to 514.98 metres returned 0.31% Zn over 7.04 metres (Table 8-2) that is associated with a zone of laminar pyrite and nodular to laminar bedded barite, situated at the base of the Gunsteel Formation with the Kwadacha Limestone.

8.5.3 The North Lead Zone

A single drill hole, A-18-148, tested the down-dip extension of extensive mineralisation intersected in previous drill holes such as A-13-104, A-08-68 and A-10-76. The drilling intersected intervals of weak to moderate distal facies style mineralisation consisting of laminar bedded pyrite and nodular barite, interbedded with the black shales of the Gunsteel Formation. This mineralisation occurs relatively shallow in the hole, suggesting a correlation with the upper zone of mineralisation observed in hole A-13-104. Sampling defined three broad intervals anomalous in Zn and elevated in Pb. This includes 28.42 metres of 0.10% Zn from 299.03 to 327.45 metres; 45.31 metres of 0.13% Zn from 350.17 to 395.48 metres; and 52.87 metres of 0.14% Zn from 429.64 to 482.51 metres (Table 8-2). The lower two intervals are open ended and additional sampling is required to close off these areas of anomalous Zn.

8.6 Discussion

8.6.1 The Sitka Showing

The drilling on the Sitka Showing successfully tested the target horizon between the Silurian Siltstone and the Earn Group shales to a depth of approximately 100 metres down-dip of the showing. The down-dip extension of the showing was not intersected however vein zones comprised of off-white quartz-carbonate and smoky blue-grey quartz veining that host coarse-grained tan/red/brown sphalerite, were intersected along the target horizon. An example of this mineralisation can be seen in Figure 8-5.

Figure 8-5: Quartz-carbonate and smoky blue-grey veining host to red brown sphalerite along the Silurian Siltstone/Kwadacha Limestone contact in A-18-144 @ ~199.75m

The sphalerite bearing veins are commonly crosscut by several later generations of white to off-white quartz-carbonate or quartz veins and stringers. This can also be seen in figure 8-5. The timing of the veining is uncertain, but they all appear to cross cut the host lithologies with the smoky blue-grey veins being the earliest generation. The style and character of the smoky blue-grey veining is similar to the veining observed cross-cutting the massive sulphide lens that underlies the Cardiac Creek deposit. It is uncertain whether there is a link between the veining at the Sitka showing and the massive sulphides present at the Cardiac Creek deposit. Alternatively, the veining and mineralisation could simply be associated with tectonics and unrelated to the formation of stratiform Pb-Zn-Ag mineralisation.

A broad 40.84 metre zone of Ag enrichment was intersected in hole 149 from 192.71 to 233.55 metres with variable (2.4 to 14.0 g/t) but highly anomalous Ag values (Table 8-3). This enrichment provides an apparent explanation for the presence of the Ag rich soil anomaly outlined during the 2013 soil sampling program, however, the source of the silver within the Akie Formation shales is uncertain. The core sampling targeted very narrow bands of nodular

barite as well as thin to narrow bands and lenses of pyrite. There were no other observable sulphides and/or laminar pyrite. Despite the limited sampling the continuous nature of silver values across all the samples suggests that it is widespread and likely not associated with the nodular barite observed in the rock, but rather the thin lenses of pyrite. Silver values associated with the Cardiac Creek deposit located approximately 3 kilometres to the southwest have a similar but slightly higher tenor compared to those observed in hole 149. Additional work will be required to better understand the nature of this Ag enrichment within the Akie Formation shales along the eastern edges of the Akie Property.

8.6.2 SE Extension

The drilling on the South East Extension Zone successfully targeted the gap between the edge of the Cardiac Creek deposit as defined by holes A-94-03, A-94-04, A-11-92, and A-11-95; and hole A-94-06 located approximately 400 metres along strike to the southeast. The mineralisation encountered along the target horizon is similar in nature to that encountered in hole 06 with a 10.42 metre interval of proximal facies style mineralisation consisting of thickly bedded laminar pyrite with minor nodular barite and light grey sphalerite rich bands interbedded with black siliceous shales. The interval of mineralisation is situated 25.14 metres above the contact with the Road River Group rocks, similar to hole 06. The thickness of the mineralised horizon has changed significantly over a short distance. The thickness of the Cardiac Creek horizon along the edge of the deposit is represented by 47.48 metres of mineralisation in hole 92 and 38.49 metres in hole 95; in contrast to the 10.42 metres present in hole 147. The presence of light grey sphalerite rich bands within the mineralisation in hole 147 has also diminished substantially between the two areas. In general, it appears that the tenor and thickness of the Cardiac Creek horizon has diminished between the edge of the known deposit and the pierce point from hole 147. It is uncertain whether there is; a structural change such between the two locations, a simple but rapid change in the mineralisation, or another explanation. Based on the current information it appears that the mineralisation is waning to the southeast.

The presence of a thin interval of the Kwadacha Limestone at the base of the Gunsteel Formation suggests that perhaps the drilling intersected the Cardiac Creek horizon too high (stratigraphically) in the basin and additional drilling is required at depth to adequately test this target area. Thin intervals of Kwadacha limestone are generally found underlying the deposit along its up-dip edge and are generally associated with thinner and lower-grade mineralisation. This supports the idea that perhaps further drilling should target the area below hole 147.

8.6.3 North Lead

Drilling on the North Lead Zone was successful in targeting the down-dip extents of the large mineralised system encountered in A-13-104, with an approximate 300 metres step-out designed to test the extent of the system as well as any possible development towards higher-grade Zn rich mineralisation.

The bulk of the sampling from hole 148 was focused on distal facies style mineralisation consisting of thinly-bedded laminar dull-brown pyrite, nodular barite interbedded with black shales of the Gunsteel Formation; situated at rather shallow depths between 299.03 and 482.51

metres. The mineralisation can be quite faint at times and only observable in direct sunlight while the core is wet. Based on the position of this mineralisation within the hole it appears to be associated with the upper zone of mineralisation that was encountered in hole 104. A narrow interval of distal facies mineralisation from 504.69 to 524.14 appears to represent the extensive mineralised system that is present in holes A-13-104, A-10-68 and A-10-76. Only a couple of representative samples were taken, and no significant values of zinc were returned. The Silurian Siltstone of the Road River Group was intersected at a depth of 626.00 metre at a much shallower depth than anticipated. Despite the lack of any significant faulting in hole 104 it is possible that the Silurian Siltstone has been shifted to its current location via a large fault , and the mineralisation observed in holes 104, 68 and 76 have been dragged into the observed gently dipping orientation due to this thrust. As such, the small interval of mineralisation observed at a depth of 504.69 in hole 148 could be representative of the system from much deeper in the basin which has diminished in intensity.

8.6.4 Hyper Enriched Black Shales (HEBS / Nick-Style Mineralisation)

A small resampling program was undertaken to obtain additional information from previously known and unknown occurrences of HEBS mineralisation recognised in A-07-44, A-10-67, and A-10-72. The sampled intervals, targeting possible HEBS mineralisation, returned element enrichments consistent with known occurrences across the property. Table 8-4 outlines the elemental enrichments from each hole.

Hole ID	From (m)	To (m)	Length (m)	Elemental Enrichment
A-07-44	202.60	202.83	0.23	Mo, Cu, Pb, Zn, Ag, Ni, As, U, Cd, Sb, Bi, V, P, Al, Tl, Hg, Se, Te, Ga (?), Cs (?), Zr, Re,
A-07-44	206.45	208	1.55	Cu, Pb, Zn, Ag, Ni, U, Cd, Sb, Bi, V, P, La, Cr, Al, Tl, Hg, Se, Te, Ga (?), Cs, Rb, Y, Ce, Re, Li, Pd (?), Pt (?)
A-10-67	212.40	213.50	1.10	Cu, Pb, Zn, Ag, Ni, U, Cd, P, La, Cr, Ti, B, Al, K, Se, Ga, Rb, Y, Ce, Re, Li,
A-10-72	287.57	288.29	0.72	Mo, Zn, Ni, Co, As, U, Bi, P, Tl, Hg, Se, Y, Re,
A-10-72	288.65	289.10	0.45	Zn, Cd, P, Hg,
A-10-72	289.69	290.00	0.31	Ni, Co, As, U, P, Tl, Hg, Se, Te, Y, Re,
A-10-72	292.75	293.00	0.25	Mo, Cu, Zn, Ni, Ag, Co, As, U, Bi, P, Tl, Hg, Se, Te, Y, Re
A-10-72	293.55	293.75	0.20	Mo, Cu, Ni, Co, As, Bi, P, Tl, Te, Re
A-10-72	296.27	296.55	0.28	Zn, Ni, Co, As, U, Bi, P, Tl, Hg, Se, Y, Re
A-10-72	296.77	297.00	0.23	Mo, Zn, Ag, Ni, Co, As, U, Bi, P, Tl, Hg, Se, Te, Y, Re

Table 8-4: Elemental enrichments associated with resampling of known and unknown HEBS horizons in 2018

Hole 67 also contained two very narrow intervals of possible HEBS mineralisation based on their visual appearance and similarity to other known occurrences. These intervals occurred at 214.06 and 215.71 metres. While the results returned similar elemental enrichments, it is uncertain whether these intervals are the same as other Nick-style intervals.

As part of an ongoing research project conducted by Queens University and the Geological Survey of Canada, hole 72 was re-examined. This resulted in the discovery of 7 additional intervals of HEBS mineralisation by Queens student Mikael Haimbodi (Figure 8-6). All these intervals are situated stratigraphically above the discovery interval (299.40 to 300.57m). Some of the intervals display evidence of folding, and as such, it is not known whether these are all separate horizons or perhaps repeated horizons due to the folding. It appears that for most elements of interest there is a distinct enrichment above the main discovery interval that is not restricted to the identified intervals. Below 300.57 metres, these elements decrease sharply to background levels consistent with the host lithological unit. This is suggestive that the mineralisation possibly affects a larger section of the stratigraphic package (Figure 8-7) and does not appear to be solely restricted to the debris flows that are visibly mineralised. The host lithology above and below the discovery interval is the same.

Figure 8-6: An example of previously unrecognised HEBS interval in A-10-72 @ ~288.00m

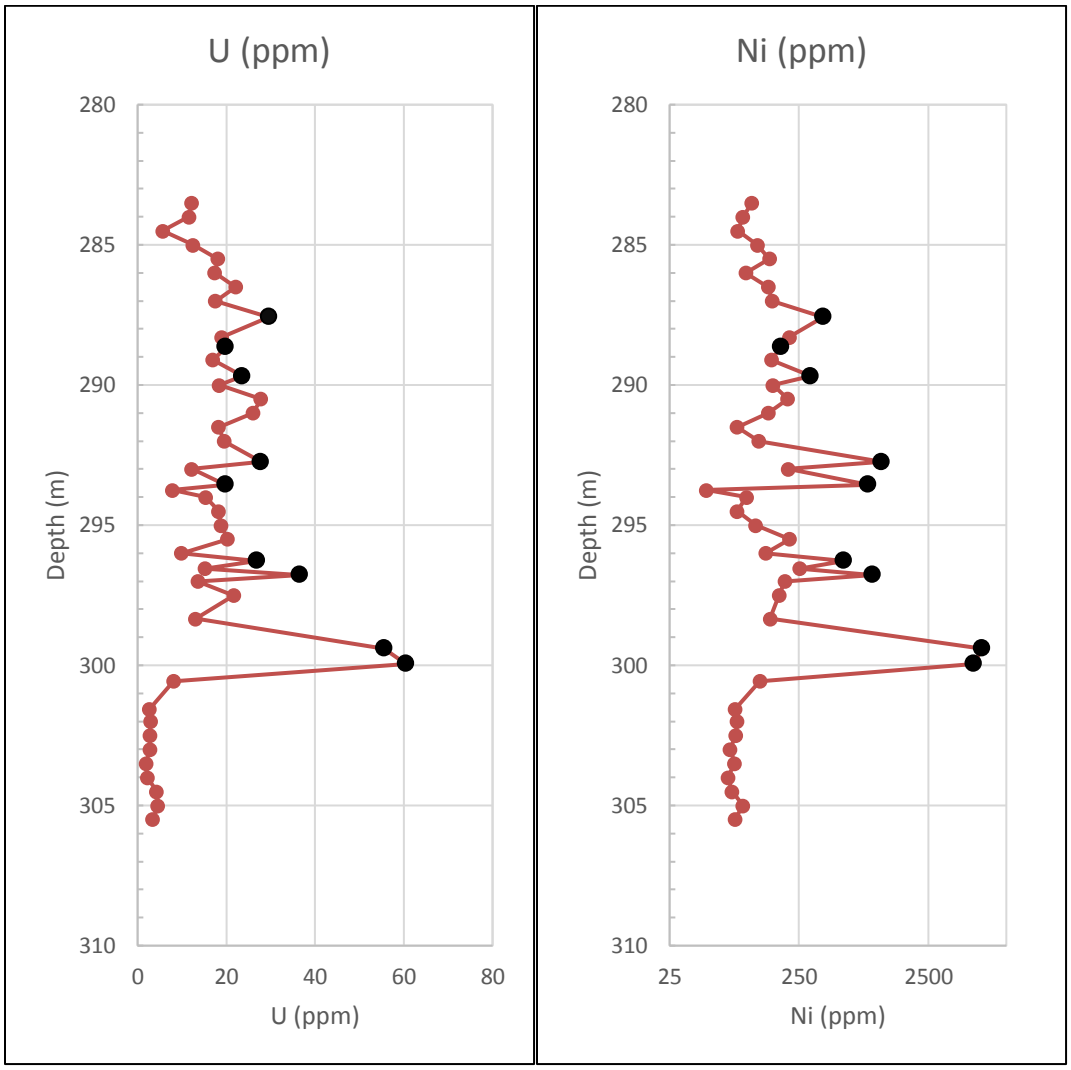


Figure 8-7: Downhole plots (U and Ni) displaying the enrichment of HEBS associated elements above the discovery interval in A-10-72. Elemental enrichment (e.g. U and Ni) decreases sharply below 300.57 metres. The black points represent recognised HEBS intervals.

A thin 0.45 metre interval of HEBS was recognised in hole A-11-88 from 286.23 to 286.68 metres; situated at the base of the Kwadacha Limestone. The original sample was taken over 1.20 metres diluting almost all of the HEBS associated elements other than U and P.

To date a total of 12 occurrences of HEBS mineralisation have been recognised on the Akie property, primarily associated with the black shales, debris flows and Kwadacha Limestone of the Paul River Formation underlying the Cardiac Creek horizon (Table 8-5). It is uncertain whether there is any association between the HEBS and the Cardiac Creek deposit.

Hole ID	From/To (m)	Length (m)	Sample #	Elemental Enrichment	Strat. Location
A-07-44	Details listed in Table 8-4				
A-08-62	542.00 to 542.94	0.94	855421	Cu, Pb, Zn, Ni, U, V, P, La, Cr, Se	Limestone/RRG contact
A-08-63	472.28 to 473.13	0.85	855656	Pb, Zn, U, P, Cr, Se	Limestone/RRG contact
A-10-67	Details listed in Table 8-4				
A-10-72*	299.40 to 300.57	1.17	856376, 856377	Mo, Cu, Pb, Zn, Ag, Ni, Co, Fe, As, U, Cd, Sb, Bi, V, Ca, P, Ca, Hg, Tl, S, Ga, Se, Au Te, Ge, Sn, Y, Ce, Re, Pd, Pt	Cherty shales
A-11-88	286.23 to 287.43	1.20	856097	U, P	Limestone/RRG contact
A-13-103*	252.37 to 252.87	0.50	1195656	Mo, Cu, Pb, Zn, Ag, Ni, Co, As, U, Cd, Sb, V, P, La, Cr, Hg, Tl, Se, Au, Te, Cs, Ge, Y, Ce, Re, Pt	Limestone/RRG contact
A-13-106*	499.90 to 501.13	1.23	1196258	Pb, Zn, Ni, As, U, P, Se, Re, Pt	Limestone/RRG contact
A-14-114	148.30 to 149.69	1.39	269976, 269977, 269978, 269979	Mo, Cu, Pb, Zn, Ni, U, Sb, V, P, La, Cr, Hg, Tl, Se	Limestone/RRG contact
A-15-125	443.58 to 444.02	0.44	2695158	Pb, Zn, Ni, U, V, P, La, Cr	Debris flow/RRG contact
A-15-131	300.60 to 301.20	0.60	2695716	Cu, Pb, Zn, Ni, U, V, P, La, Cr, Hg, Se	Debris flow/RRG contact
A-17-143	392.86 to 393.04	0.18	2697422	Pb, Zn, Ni, U, V, P, La, Cr, Se?	Limestone (?)/RRG contact

Table 8-5: Table of HEBS intercepts recognised in drill core on the Akie property since 2007

Of the 12 occurrences, 9 of them occur along the contact between the Kwadacha Limestone and the Silurian Siltstone (Road River Group); 2 within the debris flows of the Paul River Formation and 1 within the Paul River siliceous black shales.

9 Conclusions and Recommendations

The 2018 Akie drilling program was successful in achieving its objectives. All the planned drill targets were tested but they returned mixed results.

1. Drilling to test the Sitka Showing resulted in the discovery of vein related, coarse grained sphalerite and associated galena mineralisation that is present along the Silurian Siltstone and Kwadacha Limestone contact; which can be traced for at least 400 metres along strike. The mineralisation remains open in all directions.
2. Drill hole A-18-149 successfully tested the Ag soil anomaly associated with the Sitka Showing, returning a broad zone of Ag enrichment over 40.84 metres with grades ranging from 2.4 to 14.0 g/t Ag.
3. Drill hole A-18-147 successfully intersected the Cardiac Creek horizon along strike of the Cardiac Creek deposit to the southeast, however, the character and grade of the mineralisation was poorly developed.
4. Drill hole A-18-148 continued to test the extensive North Lead Zone with mixed results. Broad zones of mineralisation were intersected that appear to be related to an upper zone of mineralisation, however, the main zone of mineralisation appears to have diminished and is possibly truncated by a large fault.
5. Additional zones of HEBS mineralisation were recognised in existing drill holes, bringing the total number of occurrences to 12 across the Akie property. Seven additional intervals of HEBS mineralisation were recognised in hole A-10-72.

Based on the 2018 drill results several recommendations can be made for future exploration programs on the Akie Property.

1. Based on the silver grades present in hole A-18-149, resampling is strongly recommended on the Sitka Showing drill holes (144, 145, and 149) within the Earn Group shales in order to fully define the extent of the Ag rich shales. Based on these results, additional drilling is recommended to further test this horizon, as well as the Sitka Zone along the Silurian Siltstone and Kwadacha Limestone contact. Recollaring of hole A-18-149 should be considered and drilled deeper to fully test the extent of the Ag rich stratigraphy.

2. Additional drilling down-dip of the mineralisation intersected in hole A-18-147 is tentatively recommended, however, any further drilling along strike or up-dip is not recommended based on the results.

3. Based on the results from hole 148, drilling is recommended along the northwest strike extents of the North Lead mineralisation beyond hole 76. Additional modeling will be required to determine if further drilling is recommended elsewhere.

4. Additional sampling is recommended in hole A-10-72 to fully define the zone of enrichment due to the HEBS mineralisation.

10 References

Carne, R.C., Cathro, R.J., 1982. Sedimentary Exhalative (SEDEX) Zinc-Lead-Silver Deposits, Northern Canadian Cordillera; *CIM Bulletin*, v.75 no. 840, p66-78.

Demerse, D., Hopkins, J. 2008. Lithology and Structural Geology of the Akie Property, Kechika Trough, Northeastern British Columbia; *Mantles Resources Inc., internal report*, 248p.

Goodfellow, W.D., Lydon, J.W., and Turner, R.W., 1993. Geology and genesis of stratiform sediment hosted (SEDEX) Zn-Pb-Ag sulphide deposits in the world, Kirkham, R.V., Sinclair, W.D., Thrope, R.I., and Duke, J.M. (Ed), *Mineral Deposit Modeling, Special Paper 40, Geological Association of Canada*, p201-251.

Gadd, M.G, Layton-Matthews, D., Peter, J.M., Paradis, S.J., 2015. The world-class Howard's Pass SEDEX Zn-Pb district, Selwyn Basin, Yukon. Part I: Trace element compositions of pyrite record input of hydrothermal, diagenetic, and metamorphic fluids to mineralisation, *Mineralium Deposita Online*, 24p.

Goodfellow, W.D. and Lydon, J.W. 2007 SEDEX Deposits *in* Mineral Deposits of Canada: A Synthesis of Major Deposit Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods, Goodfellow, W.D. (Ed.), *Special Publication No. 5 of the Geological Association of Canada*, p163-184.

Marakenko, M., et al., 2018. NI 43-101 Technical Report Akie Project British Columbia, Canada. *JDS Energy & Mining Inc., internal report*, 304p.

Johnson, N., 2014. Geochemical Report on the Sitka Property: Summary Report. *Canada Zinc Metals Corp., internal report*, 240p.

Lehne, R.W., 1995. Microscopy of selected samples from the Gataga Pb-Zn project, Canada, *Inmet Mining, internal report*, 28p.

MacIntyre, D.G. 1992. Geological Setting and Genesis of Sedimentary Exhalative Barite and Barite-Sulfide Deposits, Gataga District, Northeastern British Columbia, *Exploration and Mining Geology*, v1, p1-20.

MacIntyre, D.G. 1998. Geology, Geochemistry and Mineral Deposits of the Akie River Area, Northeast British Columbia, BC Ministry of Energy and Mines, *Bulletin 103, 99p.*

MacIntyre, D.G., 2005. Geological Report on the Akie Property, for Mantle Resources Inc.

MacIntyre, D.G., Sim R.C., 2008. Technical Report: Geology, Diamond Drilling and Preliminary Resource Estimation, Akie Zinc-Lead-Silver Property, Northeast British Columbia, Canada; 43-101 report filed on the SEDAR website, May 2008.

McClay, K.R., Insley, M.W. and Anderton, R., 1989. Inversion of the Kechika Trough, northeastern British Columbia, Canada; *in* Inversion Tectonics, Cooper, M.A. and Williams, G.D. (Ed), *Geological Society Special Publications No. 44*, p235-257. Ministry of Energy and Mines, Property File #49576.

Pigage, L.C., 1986. Geology of the Cirque barite-zinc-lead-silver deposits, Northeastern British Columbia, *in* Mineral Deposits of Northern Cordillera, J. Morin (editor), *Canadian Institute of Mining and Metallurgy, Special Volume 37*, p71-86.

Sim, R.C., 2012. NI 43-101 Technical Report, Akie Zinc-Lead-Silver Project, British Columbia, Canada, *Canada Zinc Metals Corp.*, 130p.

Sim, R. C., 2017. Memorandum: Cardiac Creek Mineral Resource Estimate, *Sim Geological Inc., Internal Report*, 15p.

11 Statement of Qualifications

I, Nicholas L. Johnson, do hereby state:

1. That I am a resident of Ontario, with an address of 69 Inverness Crescent, Kingston, Ontario K7M 6P2.
2. That I am a graduate of Queens University (B. Sc. Hons in Geology, 2001);
3. That I have been continuously employed in the mineral exploration industry since May of 2002 after graduating from Queens University.
4. That I am currently under the employ of ZincX Resources Corp. a British Columbia corporation with a business address of Suite 2050 1055 West Georgia Street, Vancouver, B.C., V6E 3P3.
5. I oversaw the work described in this report and I am the sole author of the report entitled "The 2018 Diamond Drilling Program on the Akie Property: Summary Report"

Dated in Vancouver, B.C., on the 29th of January 2019.

Nicholas L. Johnson, B.ScH

12 Statement of Expenditures

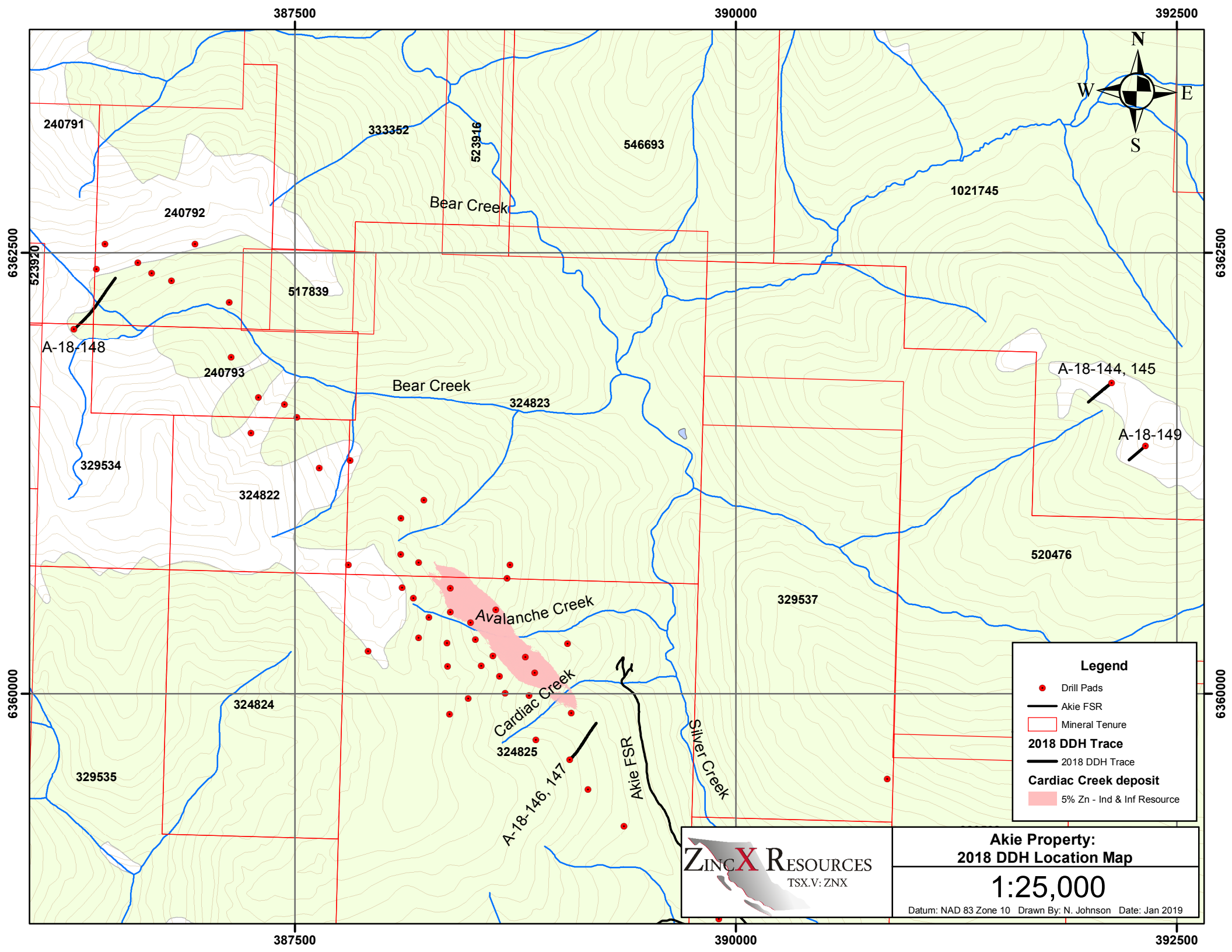
CONTRACTOR	CATEGORY	Who	Dates	Type	Unit	Quantity	Unit Rate	Sub-Total	Total
Advanced Industrial Group Inc.	TRADES		17 Aug 2018	Camp Maintenance	ls	1.0	$ 7,352.12	$ 7,352.12	$ 7,352.12
Alpha-One Mobile Radio	COMMUNICATIONS		June - Sep 2018	Handheld Radio Rental	mon	3.0	$ 1,712.00	$ 5,136.00	$ 5,136.00
Bandstra Transport Systems Ltd.	FREIGHT		June - Sep 2018	Freight	lbs	12873.0	$ 0.42	$ 5,427.93	$ 5,427.93
BC Communications Inc.	COMMUNICATIONS		June - Sept 2018	Satellite Phone Rental	mon	4.0	$ 246.37	$ 985.47	
				Airtime	mins	22.0	$ 2.55	$ 56.03	
				Credit	ls	1.0	-$ 197.42	$ (197.42)	$ 844.08
Bulkley Valley Wholesale	MATERIALS		June - Sep 2018	Food/Groceries	lbs	6331.8	$ 1.92	$ 12,160.00	$ 12,160.00
Bureau Veritas Commodities Canada Ltd.	ANALYSIS		Sept - Nov 2018	Drill Core	#	635.0	$ 46.02	$ 29,221.52	
				Reruns	#	49.0	$ 15.75	$ 771.75	$ 29,993.27
Canadian Helicopters Ltd.	TRANSPORTATION		June - Sept 2018	A-Star 350 B3	hr	214.7	$ 1,535.00	$ 329,564.50	
				Fuel (@ $1.14/L)	litre	38148.0	$ 1.14	$ 43,488.72	
				Fuel (@ $1.62/L)	litre	259.0	$ 1.62	$ 419.58	
				Fuel (@ $1.60/L)	litre	239.0	$ 1.60	$ 382.40	
				Misc	ls	1.0	$ 30.27	$ 30.27	
	EQUIPMENT			Fuel Tank Rental	day	76.0	$ 100.00	$ 7,600.00	
	FREIGHT			Fuel Tank (Mob/Demob)	hrs	28.0	$ 185.00	$ 5,180.00	$ 386,665.47
Chu Cho Industries L.P.	TRADES		17 July 2018	Camp Maintenance	hrs	77.0	$ 166.68	$ 12,834.50	$ 12,834.50
Coast Mountain Geological	FIELD EXPENDITURES		May to Sep 2018	Travel Expenses (Airfare, Hotels & Expenses)	ls	1.0	$ 7,175.63	$ 7,175.63	
	COMMUNICATIONS			Radio Repeater Rental	mon	2.7	$ 425.00	$ 1,160.25	
				ETV & AED	mon	2.7	$ 3,900.00	$ 10,647.00	
				Misc. (Field Supplies)	ls	1.0	$ 3,711.78	$ 3,711.78	
	OTHER			Administration			10%	$ 1,085.75	
	PERSONNEL	Stephen Bartlett	16 Jun to 20 Jul 2018	Geologist	day	35.0	$ 600.00	$ 21,000.00	
		Colleen Fish	15 Jul to 22 Aug 2018	Geologist	day	35.0	$ 600.00	$ 21,000.00	
		Brodie Needham	17 Jun to 16 Jul 2018	First Aid/Geotechnician	day	59.0	$ 475.00	$ 28,025.00	
		Geoff Schellenberg	25 Jul to 22 Aug 2018 15 Jul to 26 Jul 2018	First Aid/Geotechnician	day	12.0	$ 475.00	$ 5,700.00	
		Trevor Davidge	21 Aug to 6 Sep 2018	First Aid/Geotechnician	day	17.0	$ 475.00	$ 8,075.00	
		Gil Graham	16 Jun to 3 Aug	Logistics Manager	day	83.0	$ 450.00	$ 37,350.00	

			2018						
			9 Aug to 6 Sep 2018						$ 144,930.41
CT Gas Fitting	TRADES		17, 31 Jul 2018	Camp Maintenance	ls	1.0	$ 7,213.36	$ 7,213.36	$ 7,213.36
			18 Jun to 19 Jul						
ESS	PERSONNEL	Pat Lockyer	2018	Cook	day	70.5	$ 406.67	$ 28,670.24	
			27 Jul to 3 Sep 2018						
		Stan Cassel	19 Jul to 1 Aug 2018	Cook	day	14.0	$ 406.67	$ 5,693.38	
		Juanita	18 Jun to 27 Jul						
		Thompson	2018	Bull Cook/Baker	day	70.0	$ 353.62	$ 24,753.40	
			1 Aug to 6 Sep 2018	Cook	day	7.0	$ 406.67	$ 2,846.69	
		John Kohut	18 Jun to 6 Jul 2018	Maintenance/Janitor	day	19.0	$ 406.67	$ 7,726.73	
	MATERIALS			Groceries/Food	lbs	7053.6	$ 2.15	$ 15,155.01	
				Credit	ls	1.0	-$ 3,301.78	$ (3,301.78)	
				Administration	ls	1.0	$ 5,100.00	$ 5,100.00	$ 86,643.67
Galaxy Communications	COMMUNICATIONS		June to August 2018	Data/Phone Plans	mon	3.0	$ 3,902.06	$ 11,706.17	$ 11,706.17
Gary Young Agencies	FUEL		June to Sept 2018	Diesel (variable $/L)	litre	43693.3	$ 1.30	$ 56,876.81	
				Other (misc. items)	ls	1.0	$ 987.49	$ 987.49	$ 57,864.30
Gauthier Ventures	FREIGHT		15 Jul 2018	Freight	ls	1.0	$ 2,299.00	$ 2,299.00	$ 2,299.00
Hagens Home Hardware	MATERIALS		June to August 2018	Field Supplies	ls	1.0	$ 2,217.15	$ 2,217.15	$ 2,217.15
Haley's Refridgeration	TRADES		22 Jul 2018	Camp Maintenance	ls	1.0	$ 594.50	$ 594.50	$ 594.50
Industry Canada	COMMUNICATIONS		3 Feb 2018	Misc	ls	1.0	$ 41.00	$ 41.00	$ 41.00
IRL Supplies	MATERIALS		June to July 2018	Field Supplies	ls	1.0	$ 1,395.48	$ 1,395.48	$ 1,395.48
KNGV Freight Services	FREIGHT		June to Aug 2018	Freight	lbs	19259.0	$ 0.35	$ 6,740.65	
				Cartage	hrs	48.0	$ 95.00	$ 4,560.00	
				Freight (misc. items)	ls	1.0	$ 660.00	$ 660.00	
				Fuel Surcharge	%		10%	$ 1,102.23	$ 13,062.88
		Clayton							
Kwadacha Natural Resources	PERSONNEL	Massettoe	5 Jul to 18 Jul 2018	Drill Helper/Labourer	day	15.0	$ 300.00	$ 4,500.00	
		Michael	1 Aug to 19 Aug						
		Massettoe	2018	Drill Helper/Labourer	day	29.5	$ 300.00	$ 8,850.00	
			21 Aug to 6 Sep						
			2018						
			17 Aug to 24 Aug						
		Ken Seymour	2018	Drill Helper/Labourer	day	6.5	$ 300.00	$ 1,950.00	
		Thomas							
		Massettoe	27 Jul to 7 Aug 2018	Core Cutter	day	21.0	$ 250.00	$ 5,250.00	
			14 Aug to 24 Aug						
			2018						
				Adminstration	%		35%	$ 7,192.50	
		Brushing Crew							
		(4p)	27 to 30 Jun 2018	Brushing Crew	day	15.0	$ 525.00	$ 7,875.00	

				Administration	%		$ 15.00	$ 1,181.25	
	TRANSPORTATION		July to August 2018	Charter Flights (c/o North Cariboo Air)	Flt	25.0	$ 550.00	$ 13,750.00	
				Excess Weight	lbs	498.0	$ 1.50	$ 747.00	$ 51,295.75
Larry's Heavy Hauling	FREIGHT			Freight	hrs	49.0	$ 170.00	$ 8,330.00	
				Other (misc. items)	ls	1.0	$ 19.50	$ 19.50	$ 8,349.50
			16 Jun to 20 Jul						
Minconsult Exploration Services	PERSONNEL	Rob Scott	2018	Padbuilder (Regular Hours)	hr	202.0	$ 71.50	$ 14,443.00	
				Padbuilder (Overtime)	hr	99.5	$ 107.25	$ 10,671.38	
			16 Jun to 20 Jul						
		Evan Goderson	2018	Padbuilder (Regular Hours)	hr	202.0	$ 63.25	$ 12,776.50	
				Padbuilder (Overtime)	hr	99.5	$ 94.88	$ 9,440.06	
			16 Jun to 20 Jul						
		Aaron Drake	2018	Padbuilder (Regular Hours)	hr	202.0	$ 63.25	$ 12,776.50	
				Padbuilder (Overtime)	hr	99.5	$ 94.88	$ 9,440.06	
	EQUIPMENT			Equipment/Tools	day	31.0	$ 220.00	$ 6,820.00	
				Per diem	day	12.0	$ 75.00	$ 900.00	
	TRANSPORTATION			Travel Expenses	ls	1.0	$ 1,475.06	$ 1,475.06	
				Truck	day	31.0	$ 125.00	$ 3,875.00	
				Credit	ls	1.0	-$ 2,000.00	$ (2,000.00)	
				Mileage	km	2677.0	$ 0.54	$ 1,445.58	$ 82,063.14
Northern Food Equipment	MATERIALS		12 Jul 2018	Field Supplies	ls	1.0	$ 511.46	$ 511.46	$ 511.46
			31 Jul to 15 Aug						
Peter Dadson	PERSONNEL	Peter Dadson	2018	Project Geologist	day	16.0	$ 550.00	$ 8,800.00	$ 8,800.00
Pothier Enterprises	MATERIALS		11 Jul 2018	Field Supplies	ls	1.0	$ 535.00	$ 535.00	$ 535.00
Purolator	FREIGHT			Freight	ls	1.0	$ 490.98	$ 490.98	$ 490.98
Superior Propane	FUEL		4, 13 Jul 2018	Propane	litre	10429.5	$ 0.91	$ 9,510.27	
				Other (misc. items)	ls	1.0	$ 152.00	$ 152.00	$ 9,662.27
Treeline Wood Products	MATERIALS		6 Jun 2018	Coreboxes (HQ)	box	625.0	$ 13.51	$ 8,444.98	$ 8,444.98
Trico Industries	MATERIALS		June-August 2018	Field Supplies	ls	1.0	$ 1,828.69	$ 1,828.69	$ 1,828.69
VEP Communications	EXPEDITING		June to August 2018	Expediting	mon	3.0	$ 2,294.01	$ 6,882.02	$ 6,882.02
Western Exploration Drilling	MOB/DEMOB		June to Sept 2018	Mob/demob (1 drill)	trips	2.0	$ 15,000.00	$ 30,000.00	
	DRILLING			Coring (Overburden/HQ/NQ)	ft.	7125.0	$ 28.00	$ 199,500.00	
				Drill & Crew (Moving, setup, testing etc.)	hr	367.0	$ 125.00	$ 45,875.00	
				Field Labour	hr	110.0	$ 50.00	$ 5,500.00	
				Consumables (bits, casing caps etc.)	ft.	7125.0	$ 0.71	$ 5,081.88	
				Muds	pails	104.0	$ 181.97	$ 18,925.26	
	EQUIPMENT			Zoom Boom	hr	5.0	$ 50.00	$ 250.00	
				Reflex EZ-Shot Rental	day	74.0	$ 85.00	$ 6,290.00	$ 311,422.14
				Pre-Field Exploration Program					
ZincX Resources	PRE-FIELD PREP.	Nick Johnson	May 2018	Preparation	day	30.0	$ 500.00	$ 15,000.00	

PERSONNEL		16 Jun to 3 Aug 2018 15 Aug to 6 Sep 2018	Project Geologist	day	72.0	$ 305.00	$ 21,960.00	
PRE-FIELD PREP.	Ken MacDonald	May 2018	Pre-Field Exploration Program Preparation	day	11.5	$ 750.00	$ 8,625.00	
PERSONNEL		18 Jul to 19 Jul 2018 13 Aug to 17 Aug 2018 21 Aug to 24 Aug 2018	VP Exploration	day	11.0	$ 750.00	$ 8,250.00	
COST RECOVERY			Cost Recovery	ls	1.0	-$ 28,840.43	$ (28,840.43)	
FIELD EXPENDITURES			Travel Expenses (Air, Hotel, meals, etc.)	ls	1.0	$ 10,166.36	$ 10,166.36	
ASST REPORT PREP.			Drafting	hr	75.0	$ 75.00	$ 5,000.00	
			Post Field Data Compilation & Assessment Report Preparation	day	30.0	$ 500.00	$ 15,000.00	$ 55,160.93
						TOTAL	**$ 1,333,828.15**	**$ 1,333,828.15**

APPENDIX 1
Cross Sections and Plan View Maps


387500
390000
392500
6362500
6360000
N
S
E
W
240791
333352
523916
546693
1021745
240792
Bear Creek
523920
517839
A-18-148
240793
Bear Creek
324823
A-18-144, 145
A-18-149
329534
324822
520476
329537
Avalanche Creek
Cardiac Creek
324824
324825
329535
A-18-146, 147
Akie FSR
Silver Creek
Legend
Drill Pads
Akie FSR
Mineral Tenure
2018 DDH Trace
2018 DDH Trace
Cardiac Creek deposit
5% Zn - Ind & Inf Resource
ZincX Resources
TSX.V: ZNX
Akie Property:
2018 DDH Location Map
1:25,000
Datum: NAD 83 Zone 10 Drawn By: N. Johnson Date: Jan 2019

SW

NE

1500.00 Y

1250.00 Y

1000.00 Y

-750.00 X

-500.00 X

-250.00 X

0.00 X

A-10-70

A-08-63

A-96-24

A-08-62

A-10-76

A-10-68

A-13-104

A-18-148

0 125m 250m

LEGEND

- (CS) Casing/Overburden

Earn Group

Akie Formation
- (3SH) Soft shales
- (3DSH) Dk grey soft shales
- (3BDSH) Bedded soft shales

Gunsteel Formation
- (4SH) Black siliceous shales
- (4DSS) Disrupted silty shales
- (4BSH) Baritic shales
- (4FSH) Fragmental shales
- (4CSH) Chert/cherty shales

Mineralisation
- (4PYSH) Distal Facies pyritic shales
- (4MPSH) Proximal Facies
- (4CC) Cardiac Creek Zone
- (4MBSH) Baritic Facies
- (4LPSH) Laminar bedded pyrite
- (4LBSH) Nodular to laminar bedded barite
- (4MS) Massive sulphides

Cardiac Creek Member

Earn Group

Paul River Formation
- (5SS) Turbiditic silty shales
- (5SH) Siliceous shales
- (5BXLS) Debris flows
- (5LS/5BLS) Bioclastic limestone

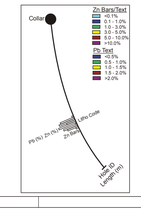
Road River Group

Silurian Siltstone
- (6CSS) Calcareous siltstone
- (6SS) Siltstone
- (6SH) Silty shale

Ordovician Lithologies
- (7SH) Black Graptolitic Shale
- (7LS) Black shale with Limestone
- (7SS) Siltstone

Zn Bars/Text
- <0.1%
- 0.1 - 1.0%
- 1.0 - 3.0%
- 3.0 - 5.0%
- 5.0 - 10.0%
- >10.0%

Pb Text
- <0.3%
- 0.3 - 1.0%
- 1.0 - 3.0%
- 3.0 - 5.0%
- >2.0%



ZincX Resources
TSX.V: ZNX

XS 325S +250m/-250m

Scale 1:1,750

Drawn By: N. Johnson, Jan 2019

SW

NE

1250 Y

1000 Y

750 Y

0 X

A-18-146

A-18-147
535.53m

Small scale folding indicative of an overall large scale “S” fold

Upper contact of Cardiac Creek Horizon marked by distinct vein zone

Cardiac Creek Horizon

0 125m

LEGEND

(CS) Casing/Overburden

Earn Group

Akie Formation
- (3SH) Soft shales
- (3DSH) Dk grey soft shales
- (3BDSH) Bedded soft shales

Gunsteel Formation
- (4SH) Black siliceous shales
- (4DSS) Disrupted silty shales
- (4BSH) Baritic shales
- (4FSH) Fragmental shales
- (4CSH) Chert/cherty shales

Mineralisation
- (4PYSH) Distal Facies pyritic shales

Cardiac Creek Horizon
- (4MPSH) Proximal Facies
- (4CC) Cardiac Creek Zone
- (4MBSH) Baritic Facies

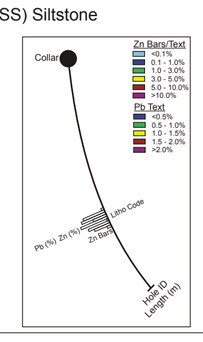
Earn Group
- (4LPSH) Laminar bedded pyrite
- (4LBSH) Nodular to laminar bedded barite
- (4MS) Massive sulphides

Paul River Formation
- (5SS) Turbiditic silty shales
- (5SH) Siliceous shales
- (5BXLS) Debris flows
- (5LS/5BLS) Bioclastic limestone

Road River Group

Silurian Siltstone
- (6CSS) Calcareous siltstone
- (6SS) Siltstone
- (6SH) Silty shale

Ordovician Lithologies
- (7SH) Black Graptolitic Shale
- (7LS) Black shale with Limestone
- (7SS) Siltstone



ZincX Resources
TSX.V: ZNX

XS 4000S +75m/-75m

Scale 1:1,000

Drawn By: N. Johnson, Jan 2019

SW

NE

1750 Y

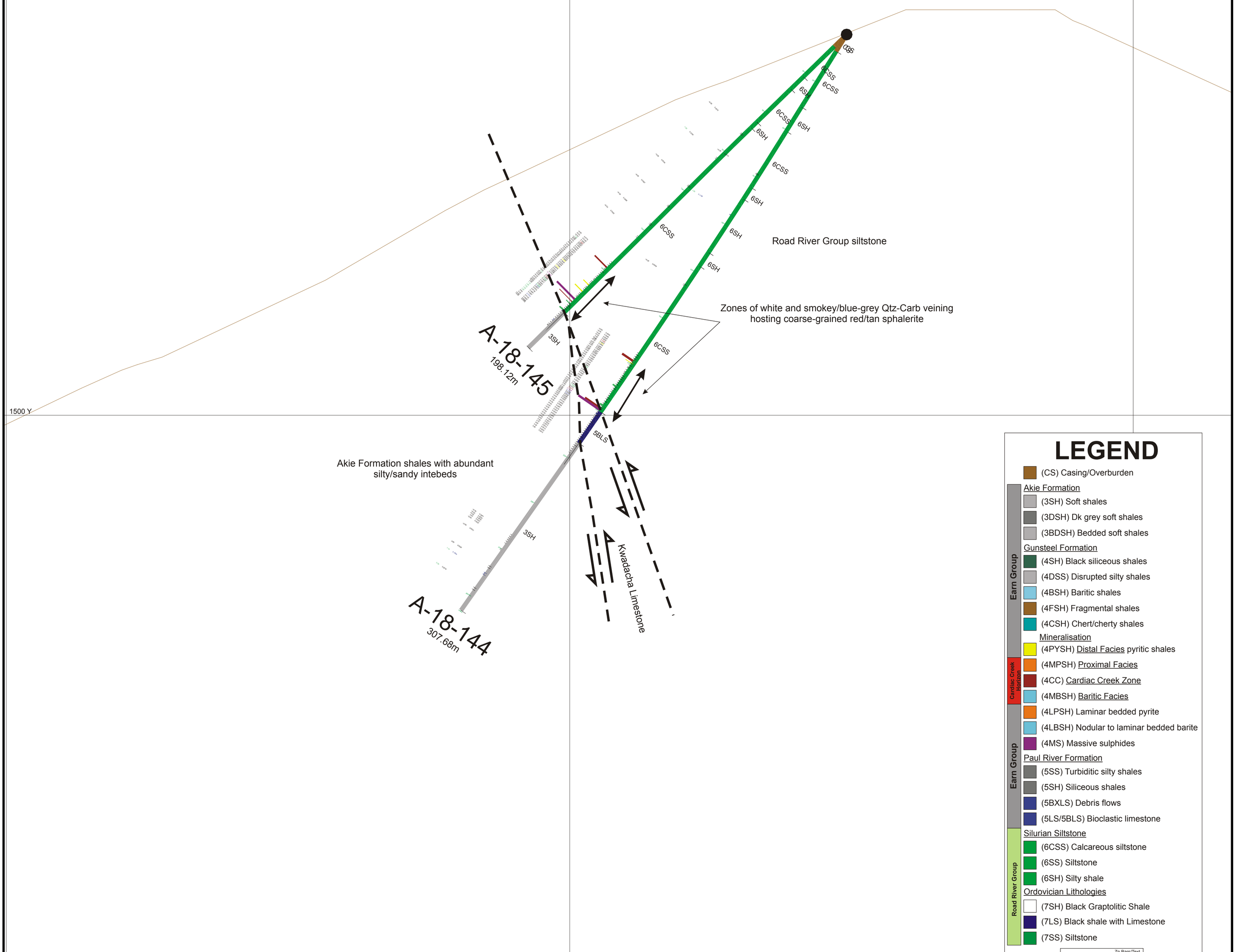
1500 Y

1250 Y

3250 X

3500 X

3750



LEGEND

- (CS) Casing/Overburden

Earn Group

Akie Formation
- (3SH) Soft shales
- (3DSH) Dk grey soft shales
- (3BDSH) Bedded soft shales

Gunsteel Formation
- (4SH) Black siliceous shales
- (4DSS) Disrupted silty shales
- (4BSH) Baritic shales
- (4FSH) Fragmental shales
- (4CSH) Chert/cherty shales

Mineralisation
- (4PYSH) Distal Facies pyritic shales

Cardiac Creek Horizon
- (4MPSH) Proximal Facies
- (4CC) Cardiac Creek Zone
- (4MBSH) Baritic Facies

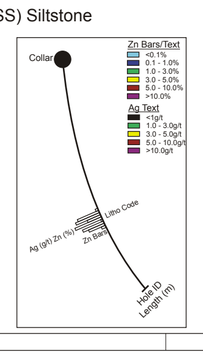
Earn Group
- (4LPSH) Laminar bedded pyrite
- (4LBSH) Nodular to laminar bedded barite
- (4MS) Massive sulphides

Paul River Formation
- (5SS) Turbiditic silty shales
- (5SH) Siliceous shales
- (5BXLS) Debris flows
- (5LS/5BLS) Bioclastic limestone

Road River Group

Silurian Siltstone
- (6CSS) Calcareous siltstone
- (6SS) Siltstone
- (6SH) Silty shale

Ordovician Lithologies
- (7SH) Black Graptolitic Shale
- (7LS) Black shale with Limestone
- (7SS) Siltstone



0 125m

ZincX Resources
TSX.V: ZNX

XS 4350S +25m/-25m

Scale 1:1,000

Drawn By: N. Johnson, Jan 2019

SW

NE

2000 Y

1500 Y

Road River Group Siltstones

Akie Formation shales with abundant silty/sandy interbeds

Broad ~40m zone enriched in Ag with grades ranging from 2.4 to 14.0g/t Ag additional sampling required to fully define the zone

Zone of white and smokey/blue-grey Qtz-Carb veining hosting coarse-grained red/tan sphalerite and galena

Strong limonitic alteration

Patchy limonitic alteration

Strong Limonitic Alteration

Kwadacha Limestone

CS

7SS

7SS

5BLS

3SH

3SH

A-18-149

248.72m

0 125m

LEGEND

- (CS) Casing/Overburden

Earn Group

Akie Formation
- (3SH) Soft shales
- (3DSH) Dk grey soft shales
- (3BDSH) Bedded soft shales

Gunsteel Formation
- (4SH) Black siliceous shales
- (4DSS) Disrupted silty shales
- (4BSH) Baritic shales
- (4FSH) Fragmental shales
- (4CSH) Chert/cherty shales

Mineralisation

Cardiac Creek Horizon
- (4PYSH) Distal Facies pyritic shales
- (4MPSH) Proximal Facies
- (4CC) Cardiac Creek Zone
- (4MBSH) Baritic Facies

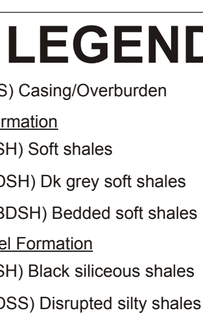
Earn Group
- (4LPSH) Laminar bedded pyrite
- (4LBSH) Nodular to laminar bedded barite
- (4MS) Massive sulphides

Paul River Formation
- (5SS) Turbiditic silty shales
- (5SH) Siliceous shales
- (5BXLS) Debris flows
- (5LS/5BLS) Bioclastic limestone

Road River Group

Silurian Siltstone
- (6CSS) Calcareous siltstone
- (6SS) Siltstone
- (6SH) Silty shale

Ordovician Lithologies
- (7SH) Black Graptolitic Shale
- (7LS) Black shale with Limestone
- (7SS) Siltstone



ZINCX RESOURCES
TSX.V: ZNX

XS 4750S +25m/-25m

Scale 1:1,000

Drawn By: N. Johnson, Jan 2019

APPENDIX 2
Drill Logs

Akie Property

Drill Hole # A-18-144

Date	26-06-2018 to 02-07-2018	Logger	S. Bartlett

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6361764
Easting (m)	392130
Elevation (m)	1669
Grid Section	4350S

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ
Date Started	26-Jun-18
Date Completed	28-Jun-18
Capped	Yes
Casing	Yes
Drilled Units	Imperial (converted to metric)

Collar Orientation

Proposed	
Azimuth	230
Dip	-58
Length (m)	275

Actual	
Azimuth	231
Dip	-58.1
Length (m)	307.68

Purpose: Testing Sitka showing.

Comments: The magnetic declination for 2018 18.5 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	**Azi**	**Dip**
0	231	-58.1
6.1	231.8	-58
55.17	229.7	-58.1
100.89	230.1	-56.8
146.61	231.1	-56
192.33	231.9	-55.5
283.77	228.4	-54.8
308.16	229.6	-54.6

Hole Summary: Hole 144 collars into siltstone of the Road River Group. The laminated to massive siltstone is interbedded with black, moderately soft mudstone with frequent cherty and calcareous lenses. This interbedding of siltstone and mudstone continues until 199.98m where the siltstone is in contact with the underlying limestone. From 187.16m to the lower contact, the siltstone shows increasing strain/deformation in its laminations as they are more intensely deformed and styolitic with depth. Bioclastic/fossiliferous limestone is present from 199.98m to 216.90m and both its upper and lower contacts are obscured by veined intervals. The holes finishes in black, moerately soft shale with grey silty laminations/beds from 216.90m to EOH at 307.68m. Mineralization in the hole comprises qtz-carbonate-sphalerite veining. This style of mineralized veining begins in the siltstone at 172.90m increases in both vein size and frequency towards the contact of the siltstone with the limestone at 199.98m where there is a 1.72m interval dominated by two generations of veining. The first generation is mineralized with dark grey qtz-carb-sph and the second is barren white carbonate-qtz. Trace <4mm red/brown sphalerite is present in the limestone.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-144	0.00	8.79	8.79	CS	Casing/Overburden	CS		CS
A-18-144	8.79	37.94	29.15	Dark grey to black calcareous variably laminated siltstone to mudstone.	Dark grey to black generally calcareous siltstone to mudstone, some sections (8.79 to 11.35m) appear to be bioturbated with white/grey, 1mm to 1cm wide, calcareous patches that are variably crenulated, pinching and swelling parallel to cleavage/bedding, also present in these areas are hairline, black wispy mudstone laminations and minor <1% brassy yellow pyrite. From 11.35m to 16.59m the unit is finely laminated (laminations 1mm to 4mm) varying between dark grey/black mudstone to white/grey siltstone (50% silt laminations/50% mudstone), some undulation between these laminations is present from 12.57 to 13.72m, but in general the contact between laminations is sharp and straight. From 16.25m to 16.35m the frequency of siltstone laminations decreases (to <20%) with the percentage of mudstone increasing (to 80%), beginning at 16.35m continuing to 19.66m another area of possible bioturbation with white/grey calcareous patches with variably cleavage-parallel crenulations occurs, Contd.	6CSS		RRG
A-18-144				Continued	this area has a higher amount of mudstone laminations/beds than the previous similar section (8.79m to 11.35m) which vary in size from 2mm to 1cm, contacts between silty zones with calcareous patches and mudstone dominated laminations are wavy/undulating with bedding orientated at 45 to 50 degrees. From 19.66m to 19.85m is a zone of massive, well cleaved black mudstone. At 19.85m a return to the sharp and straight mudstone/silty laminations occurs with some laminations at 19.85m dominated by brassy yellow pyrite, cleavage throughout varies 42 to 50 degrees and bedding is 45 to 50 degrees, Brown/tan, soft alteration is present from 8.79m to 12.95m and is generally fault/fracture controlled (interp: possible surface oxidation/alteration from supergene fluids), At 20.72m the unit returns to bioturbated, crenulated, carbonaceous siltstone as per above. From 22.18 to 22.41m a section of brown/tan, moderately soft alteration is present, this section is well cleaved (poker chip) relative to the surrounding rock and may represent an area of altered silty laminations, (interp: possible sericite alteration),			
A-18-144				Continued	From 23.17m to 23.72m is present another zone of brown/tan alteration hosted in the crenulated bioturbated siltstone, alteration throughout this section is discontinuous and forms irregular shaped, 2mm to 4mm, patches/blebs with diffuse margins, coincident with these patches are hairline fracture controlled iron oxide veinlets that generally originate from <1mm cubic red patches which may be weathered pyrite. The patches of intense tan/brown alteration are NOT calcareous in contrast to the dark grey/black host rock, alteration appears to be preferentially affecting the white/grey crenulated portions of the siltstone, this alteration is cut by 5mm wide, white qtz/carb veins trending 90 degrees. From 24.47m to 27.17m a zone of 10 - 50 cm wide qtz/carb vein/s orientated at 160 degrees TCA composes the majority of the interval, qtz-carb coarsens towards the center of the vein and vein margins are sharp cutting generally perpendicular to bedding, this same vein or else coincident veins are the majority of the interval until 27.17m. Contd.			
A-18-144				Continued	From 26.92m to 27.09m the siltstone in contact with the qtz-carb vein shows the brown/tan alteration as per above, this alteration ends sharply at 27.09m and appears to be fracture controlled. Within veins in this interval minor <1% iron oxide hairline veinlets are present either parallel to vein margins or rimming coarse crystals in the centre of veins. From 30.78m to 32.16m another zone of qtz-carb veining is present with the vein forming a brecciated texture with 2cm wide angular clasts of siltstone within the vein material, at 31.89 to 32.16m angular clasts of brown/tan altered rock are contained within the qtz-carb veins. From 32.40 to 32.75m another brown/tan alteration zone is present with alteration visibly fracture controlled and increasing in intensity towards and away from a faulted zone at 32.44m. The end of alteration at 32.75m marks a return to the bioturbated, calcareous, crenulated dark grey siltstone.			
A-18-144	37.94	50.62	12.68	Massive black mudstone	At 37.94m a sharp inter-unit contact occurs between the dark grey siltstone and a black well cleaved mudstone, this mudstone massive with minor siltstone laminae randomly occurring throughout and minor <2mm brassy yellow pyrite clots. Siltstone laminae are light to dark grey, <3mm and begin to increase in frequency at 49.35m towards the base of the unit.	6SH		RRG

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-144	50.62	80.07	29.45	Dark grey to black, variably laminated siltstone	The unit returns to being a laminated siltstone at 50.62m and from 50.62m to 58.64m the laminated siltstone gradually changes from roughly 50% silt and 50% mudstone with equally sized, 1mm to 3mm laminae to <2mm mudstone laminae and up to 1cm siltstone beds comprising roughly 80 to 90% siltstone. This increase in width and amount of siltstone laminae/beds is coincident with a gradual change from sharp, planar contacts between laminations to more wavy, undulating contacts with the size of laminae/beds pinching and swelling parallel to bedding which varies from 32 to 35 degrees. Contd.	6CSS		RRG
A-18-144				Continued	From 54.70m to 58.70m, 1mm to 3mm wide qtz-carb veinlets with a soft, black mineral (pyrobitumen?) are present generally occurring as <2cm long veinlets that cut perpendicular to siltstone beds starting and stopping at mudstone laminae. From 58.61m to 58.65m, <1mm wide irregular patches of a light brown, moderately soft mineral (barite?) occur coincident with the minor bedding perpendicular veins. At 58.70m the unit transitions again to a massive light to dark grey siltstone with wispy, black mudstone laminae defining bedding that varies from 32 to 40 degrees, INTERP: In this interval thus far have been 3 pulses of a defined stratigraphy that goes from black mudstone to finely planar laminated siltstone, to wavy/undulating siltstone to massive variably bioturbated siltstone with bedding defined by wispy, hairline mudstone laminae. Contd.			
A-18-144				Continued	Irregularly distributed throughout the massive siltstone unit are 1mm to 1cm wide, blebby clots of brassy, yellow pyrite and carbonate, though present throughout the interval, these clots increase in both size and frequency from 75.75m to 76.96m ending this zone in a 3cm wide zone of calcite veining and 1mm to 1cm pyrite orientated at 40 degrees TCA. The massive texture with wispy black mudstone laminae ends at approximately 75.06m with a 4cm wide mudstone bed. Beneath this bed, the size and frequency of mudstone laminae gradually increases towards 79.0m where the composition has returned to generally 50% silt and 50% mudstone. As per above the increase in mudstone content marks a general return to less wavy/undulating more planar contacts between laminae/beds. A gradational contact between the Siltstone and the underlying shale unit occurs from 79.0m to 80.07m. The size and frequency of siltstone laminae/beds decreases across this interval and the contact is marked as the last occurring siltstone bed.	.		
A-18-144	80.07	86.24	6.17	Black to dark grey massive shale with minor thinly laminated siltstone beds	This interval comprises generally massive, moderately soft, black mudstone. Throughout the unit are 1-2mm wide by 1cm long pyrite/carbonate blebs that form along planes parallel to bedding/cleavage. Dark to light grey, 1mm to 1 cm siltstone laminae are present throughout occurring in isolated bands and in concentrated 10cm to 50cm zones (e.g. 84.14-84.64m) . Throughout the interval are 5mm to 1cm wide, lenses with ends that pinch out, that vary in length from 2cm to the entire core width. These lenses are generally harder than the mudstone and either light grey, cherty, and non-calcareous or else a lighter grey with very fine grained, sub-rounded to sub angular, white, calcareous speckles. At 82.75m, a broad, open fold is present with Fold axis at 110 deg TCA. From 84.70m to 85.38m a fault that appears to trend parallel to cleavage at 35 deg TCA is present. The lower contact is marked by the first appearance of a greater than 50cm in length laminated siltstone bed.	6SH		RRG
A-18-144	86.24	114.52	28.28	Varied interval of black, massive mudstone and well laminated light to dark grey siltstone	This interval comprises generally 68% shale with lenses as per above and 32% well laminated siltstone that varies in texture from undulating, mud rich finely laminated siltstone to massive siltstone with wavy hairline mudstone laminae. These two units generally alternate at discrete boundaries with one another varying in length by approximately 1 to 3 m. In some intervals (e.g. 91.81m to 93.65m) the shale and siltstone are gradational with one another with the hard, variably calcareous lenses forming in silty layers. At 95.21m a 3mm wide, discontinuous, white qtz/calcite vein is present orientated at 60 degrees TCA. Within this vein are 1mm wide by <1cm long vein parallel clots of creamy/red and metallic grey sulphide (sphalerite). Bedding in this interval is consistent across the shale and siltstone varying from 33 to 40 degrees. Within the shale, hairline to 5mm wide, discontinuous, white qtz/calcite veins are present generally orientated at 60 degrees TCA. These veins occur rarely in the siltstone near its contact with the shale. Similar veins occasionally occur within the lenses in the shale unit cutting perpendicular to the long axis of the lenses terminating at their tops and bottoms. Randomly present within the siltstone layers are <5mm irregularly shaped clots of v.f.g. brassy yellow pyrite.	6SH	6CSS	RRG

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-144	114.52	121.18	6.66	Black to dark grey massive shale with frequent cherty and calcareous sandstone lenses	This interval comprises shale as per above however the frequency of both the light grey cherty lenses and the grey lenses with v.f.g, sub angular to sub rounded calcareous speckles has increased to 20 to 30% of the overall rock content. This interval is visually distinct due to the frequency of white/grey, hairline to 2 cm qtz/calcite +/- brassy yellow pyrite veins that occur throughout the interval. These veins occur parallel to bedding, cut bedding at 100-120 degrees, and are present from 119.56m to 119.96m forming a brecciated/crackle texture with angular clasts of shale contained within vein material. Vein material forms two distinct groups with a massive, white, calcite rich variety and a granular, light to dark grey, more qtz-dominated variety. Contd.	6SH		RRG
A-18-144				Continued	The grey qtz-dominated variety is most present in the vein-brecciated zone, however at 120.10m a vein is present with a core of the dark-grey qtz rimmed by the white calcite-rich vein material suggesting these may represent two separate generations of veining. V.F.G brassy yellow pyrite is disseminated throughout the shale and at 119.29m and 120.52m are discontinuous , wispy 1-3mm laminations of v. f. g. brassy yellow pyrite. Another zone of veining/brecciation occurs from 120.74m to 120.84m with the veining orientated at 40 degrees TCA. Cleavage in the interval steepens to 45 to 50 degrees near a faulted zone at 116.3m and is 35 to 40 degrees throughout the rest of the interval. The lower contact is relatively sharp marked by an increase in silt content over the final 10cm			
A-18-144	121.80	199.98		Texturally variable light to dark grey siltstone	This siltstone unit varies in texture from the more massive, light grey siltstone with wavy, discontinuous, hairline mudstone laminae to the grey to black, finely (1 to 3mm) planar laminated siltstone. The massive, hairline laminated siltstone is present from 121.80m to 126.0m with a brief interval of the lenticular shale at 123.0m to 123.19m. V.f.g. brassy yellow pyrite is variably distributed throughout the interval. The planar laminated siltstone varies in mud content on a metre scale with the percentage of lighter grey silty laminae and dark grey to black muddy laminae varying from 90% light grey silt/10 % Mud to 50% black muddy laminae and 50% silty laminae. A particularly mud-rich interval is present from 129.40 to 130.00m. in the centre of this interval are laminae formed by crenulated, mm scale, discontinuous calcareous laminae that pinch and swell. Blotty, v.f.g brassy yellow pyrite concentrates on these crenulated calcareous laminae. From 129.85m to 129.88m is a bed of possible worm-holes defined by sub mm, moderately crenulated/deformed, light grey, circular to lenticular blebs. Contd.	6CSS		RRG
A-18-144				Continued	From 130.0m to 149.66m, The unit continues as the finely laminated siltstone with varying mudstone content as per above. Crenulation of the siltstone laminae varies throughout increasing in intensity in metre scale intervals (e.g. 142.0-145.75m). Brassy yellow pyrite continues occurring throughout the interval both as wispy laminae and as blotty, 1mm-1cm pyrite-carbonate clots. Minor < 1cm wide carbonate veins occasionally cut the layers at 70-80 degrees TCA. Occasional very light grey, silty 1-2cm beds are present (e.g. 148.95 to 148.97 and 153.43m). Bedding through the interval is consistently 30 to 40 degrees TCA And cleavage is 35 to 45 degrees TCA until 174.0m. At 170.49m bioturbation is present (worm-burrowing or zoophycus?) and appears as a dark grey, 3mm wide, curving, line that cross cuts bedding with semi-circular "sweeping" fronts moving in the direction of the line. A texture is present at 170.82m - 170.83m and 172.51-172.61m with <1mm wide by < 3mm long silt nodules that pinch out at their ends parallel to bedding (INTERP: Worm burrows). At 172.90m to 173.03m a zone of veining occurs orientated 50 degrees TCA. Cont.			
A-18-144				Continued	This veined zone continues on for approximately 20cm but is destroyed to chips by drilling. What is preserved contains coarse (4mm to 1cm), red/brown sphalerite. There appear to be two type of veining in the interval with a calcite rich, white vein material forming at the margins and a qtz-rich, smoky grey vein material forming at the core of the vein coincident with the coarse grained sphalerite. One chip in the drill-caused rubble is of a tan grey, very hard (interp: siliceous), altered mudstone suggesting some alteration alongside the veining. Another sph vein occurs from 174.46 to 174.50m trending at 60 degrees TCA, with a width varying from 4cm to 1 cm. Immediately following the vein zone that begins at 172.9m, the bedding steepens to 50 to 65 degrees TCA and the cleavage to 50 to 60 degrees TCA generally steepening towards the lower contact of the unit. At 184.32m, cross bedding is observed in a silty bed. From 186.79 to 187.11m, Heavy qtz-carbonate veined section with coarse,<1cm wide red/brown sphalerite. Again two types of veining: a dark-grey qtz dominated and a white carbonate type. The darker qtz dominated variety trends 60 to 90 degrees TCA and sphalerite is contained within it. The carbonate dominated variety is randomly orientated throughout the interval and in one sections clearly cuts a sph-mineralized dark grey qtz vein.			

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
				Continued	From 187.16m to the lower contact, a faulted zone represented by stylotic/pressure solution deformation is evident in the increase of deformation in mudstone laminae These heavily deformed black laminae increase in frequency and intensity from 187.16 to approx. 190.0m where they become the dominant texture of the rock. Where most deformed, these laminae are recessive forming indentations in the siltstone. Another qtz-carb-sph vein occurs at 196.26 to 196.28m. A zone of heavy veining proceeds the lower contact of the siltstone with the limestone. The zone begins with a 6cm wide, barren, white qtz-carb vein that cuts a 1cm wide sph-qtz-carb vein. The barren vein is orientated at 140 degrees TCA and the mineralized vein at 55 degrees TCA. This pattern continues throughout the veined interval with 3mm to 2cm sph-bearing veins trending at 50 to 60 degrees TCA cut/disrupted by variably orientated white qtz-carb veining . Two intervals from 198.57m to 198.90 and 199.30m to 199.97m comprise almost entirely qtz-carb veining with the second generation of white qtz disrupting/cutting large veins of sph-dark grey qtz veining. From 199.13 to 199.33m, generally tan brown (minor red) sph is within a v.f.g moderately hard black material (interp: sph crystals within healed fault gouge). The lower contact of the siltstone with the underlying limestone is obfuscated by the final vein interval and is defined by the first appearance of limestone beneath the vein at 199.97m.			
A-18-144	199.98	216.90	16.92	Light to Dark grey, variably disrupted and brecciated bioclastic limestone	The unit comprises a light to dark grey bioclastic limestone. Fossils are observable throughout including corals (202.10m, 203.74m), Bivalves (204.72m), and possible Bryozoans (207.0m to 207.78m). Less than 2mm wide, variably orientated, black styolites are common throughout the unit often occurring at the margins between fossils/clasts. Beginning at 207.69m and continuing to the lower contact, the unit is brecciated/clastic with 1mm to 10cm, angular limestone clasts throughout. Where it is not massive, the unit should be classified as a mud supported wakestone given that there are >10% grains in the matrix that are supported by a black/grey carbonate mud. Minor <4mm wide sphalerite is occasionally present throughout the unit (201.30m, 206.83m, 209.63m). A 2cm by 2cm clot of qtz + pyrobitumen is present at 201.82m.	6LS		RRG
				Continued	From 201.32m to 201.72m, a texturally distinct zone is present. This zone is granular, with 1-2mm interlocking grey, white and beige grains and <.5mm black specks (pyrobitumen?).The lower contact of this zone grades into a light grey/tan massive limestone with a transition over 1cm in which white calcite appears to be breaking and crystalizing at the margins of broken tan limestone. This zone is as calcareous as the surrounding limestone and f.g. sphalerite and brassy pyrite are present at one stylotic margin of this zone with surrounding mud supported clastic limestone (INTERP: This is a recrystalized zone). The centre of this zone from 201.52m to 201.69m has a less intense interlocking texture and is more beige. Multiple generations of calcite veining are present orientated at 90 to 120 degrees and approx. 180 degrees TCA throughout the interval From 216.71m to the lower contact at 216.90m, is a zone of white qtz-carb veining.			
A-18-144	216.90	307.68	90.78	Dark grey to black siltstone laminated mudstone	Dark grey to black, moderately soft (scratches easy but not waxy/soapy), shale with frequent 1mm to 2cm light grey silty laminae/beds. Occasional silty to v.f.g., sandy, light grey, 1cm to 2cm beds are present (219.83m, 221.36m, 222.54m, 243.0m,). At 221.27m blebby, 1mm wide by 3mm long, brassy yellow pyrite clots form parallel to bedding. This interval is heavily faulted from 223.55m to 260.80cm with the most intense faulting being a zone of chips, rubble, and black gouge from 247.19m to 253.00m. Beddings shallows in the 2m below the upper contact from 32 degrees TCA to 12 degrees TCA. From 219.0m to 237.0m, bedding gradually steepens from 12 degrees TCA to 46 degrees TCA. Immediately following a minor faulted section from 238.0m to 239.0m, bedding steepens to 80 degrees TCA. From 239.0m to 241.0m, bedding (still defined by 2mm to 1cm silty lamina/beds with an increasing amount of brassy yellow pyrite) shallows progressively to 5 degrees TCA at 241.10m. From 242.92m to 243.30m, a silty bed is folded with small FAs at 90 degrees TCA spaced across the interval every 2 to 4 cms. By 243.58m, bedding is planar again and 24 degrees TCA. Though obfuscated by heavy faulting, bedding is consistently 20 to 35 degrees TCA until 260.80m**.** The only exception to this is a Fold Axis preserved in a faulted section at 247.83m orientated at 60 degrees TCA. Beginning at 243.0m, silty lamina/beds are composed of an increasing amount of brassy yellow pyrite and white carbonate. INTERP: Increase in pyrite-carbonate alteration. At 256.60m a 4cm wide v.f.g. sandy bed is present. At 259.0m a silty lamina with pyrite-carbonate also has a moderately soft, black mineral within the brassy yellow pyrite (pyrobitumen?).	3SH		AKF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-144				Continued	From 260.80m to 268.90m the unit is disrupted with <2mm pyrite-carbonate altered fragments randomly distributed throughout and laminated silstone fragments that appear to be rotated as their bedding sits at oblique angles to the dominant bedding/cleavage (e.g. 267.0m and 267.41m). From 269.37m to 269.73m, a 4cm wide graded bed is present that is internally folded but generally orientated at 10-15 degrees TCA. The lower 2cm of this bed comprises 1mm to 2cm, angular and subrounded, strongly carbonate-pyrite altered granules/pebbles. This pebble bed is not continuous throughout the bed and pinches out by 269.50m. The pebble interval is overlain by 1cm to 2cm of thinly laminated, brassy yellow pyrite, which is followed by a 1cm to 2cm bed of massive brassy yellow pyrite. The true width of this pyrite interval varies as it is the most deformed and pytgmatically folded causing its width to pinch and swell along the strike of the bed. INTERP: This is a zone of graded bedding showing Tops Downhole. From 270.0m to the EOH, the width (increasing to on average 5mm to 1cm) and frequency of silty lamina/beds begins to increase and the core takes on a banded/striped appearance. Occassional ptygmatic, pyrite-carbonate altered beds are present (e.g. 271.0m and 284.09m). Faulting beings again at 291.0m and continues to the EOH. One very large, grey, calcareous concretion is present from 297.83m to 299.51m which has preserved primary bedding and some disseminated <2mm brassy yellow pyrite. Some <1cm concretions are present at 296.39m. Bedding/cleavage gradually steepens from the fault at 260.80 onward from 24 degrees TCA to 45 degrees TCA.			

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-18-144	9.79	12.91	3.12			
A-18-144	22.17	22.5	0.33	Zone of moderately intense, pervasive brown/tan, moderately soft alteration which generally coincides with an interval of fine, silty laminations, the upper contact of alteration is sharp beginning at a cleavage plane while the lower contact is more diffuse with a gradual decrease in cleavage parallel alteration bands over the final 10cm.	Sericite?	90
A-18-144	23.17	23.72	0.55	Zone of brown/tan alteration hosted in the crenulated bioturbated silstone, alteration throughout this section is discontinuous and forms irregular shaped, 2mm to 4mm, patches/blebs with diffuse margins, coincident with these patches are hairline fracture controlled iron oxide veinlets that generally originate from <1mm cubic red patches which may be weathered pyrite, patches of intense tan/brown alteration are NOT calcareous in contrast to the dark grey/black host rock	Sericite?	
A-18-144	26.92	27.09	0.17	Alteration as per above	Sericite?	
A-18-144	32.40	32.75	0.35	Alteration as per above but distinctly fracture controlled in many places, cut by a qtz-carb vein,	Sericite?	
A-18-144	201.32	201.72	0.4	A texturally distinct zone. This zone is granular, with 1-2mm interlocking grey, white and beige grains. The lower contact of this zone grades into a light grey/tan massive limestone with a transition over 1cm in which white calcite appears to be breaking an crystalizing at the margins of broken tan limestone. This zone is as calcareous as the surrounding limestone and f.g. sphalerite and brassy pyrite are present at one stylotic margin of this zone with surrounding mud supported clastic limestone (INTERP: This is a recrystalized zone).	ystalized limest	90

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-18-144	172.9	173.86	0.96	This veined zone continues on for approximately 20cm but is destroyed to chips by drilling. What is preserved contains coarse (4mm to 1cm), red/brown sphalerite. There appear to be two types of veining in the interval with a calcite rich, white vein material forming at the margins and a qtz-rich, smoky grey vein material forming at the core of the vein coincident with the coarse grained sphalerite. One chip in the drill-caused rubble is of a tan grey, very hard (interp: siliceous), altered mudstone suggesting some alteration alongside the veining. In some areas, the white calcite vein material has void spaces (<1cm wide) with euhedral calcite inside.		5				
A-18-144	174.46	174.5	0.04	Pinching and swelling 1cm to 4cm wide qtz-carbonate vein with 3mm to 1cm wide, red/brown, coarse sphalerite		90				
A-18-144	186.79	187.11	0.32	Heavy qtz-carbonate veined section with coarse,<1cm wide red/brown sphalerite. Again two types of veining a dark-grey qtz dominated and a white carbonate dominated type are present. The darker qtz dominated variety trends 60 to 90 degrees TCA and sphalerite is contained within it. The carbonate dominated variety is randomly orientated throughout the interval and in one sections clearly cuts a sph mineralized dark grey qtz vein.		10				
A-18-144	197.26	197.28	0.02	2cm wide qtz-carb vein with coarse red/brown spahlerite being 80% of vein content.		5				
A-18-144	198.24	199.96	1.72	A zone of heavy veining proceeds the lower contact of the siltstone with the limestone. The zone begins with a 6cm wide, barren, white qtz-carb vein that cuts a 1cm wide sph-qtz-carb vein. The barren vein is orientated at 140 egrees TCA and the mineralizaed vein at 55 degrees TCA. This pattern cotninues throughout the veined interval with 3mm to 2cm sph-bearing veins trending at 50 to 60 degreees TCA cut/disrupted by variably orientated white qtz-carb veining . Two intervals from 198.57m to 198.90 and 199.30m to 199.97m comprise almost entirely qtz-carb veining with the second generation of white qtz disrupting/cutting large veins of sph-dark grey qtz veining. From 199.13 to 199.33m, generally tan brown (minor red) sph is within a v.f.g moderately hard black material (interp: sph crystals within healed fault gouge).		4				

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-18-144	17.7	17.73	0.03	3cm wide qtz-carb vein with sharp, discrete boundaries.	100	115
A-18-144	24.47	27.17	2.7	Zone of 10 - 50 cm wide qtz-carb veins orientated at 160 degrees TCA comprises this entire interval, qtz-carb coarsens towards the center of the vein and vein margins are sharp cutting generally orthogonal to bedding, this same vein or else coincident veins continue to comprise the majority of the interval until 27.17m.	75	160
A-18-144	30.8	32.16	1.36	Zone of 10-30cm wide qtz-carb veining is present with the vein forming a brecciated texture with 2cm wide angular clasts of siltstone within the vein material, at 31.89m to 32.16m angular clasts of brown/tan altered rock are contained within the qtz-carb veins.	65	20-130
A-18-144	95.21	95.22	0.01	3mm wide, discontinuous, white qtz/calcite vein is orientated at 60 degrees TCA. Within this vein are 1mm wide by <1cm long, vein parallel clots of creamy/red and metallic grey sulphide (sphalerite).	50	60
A-18-144	119.56	119.96	0.4	Brecciated/crackle texture with angular clasts of shale contained within vein material. Vein material forms two distinct groups with a massive, white, calcite rich variety and a granular, light to dark grey, more qtz-dominated variety. The white, calcite rich vein material primarily occurs at the margins of the brecciated zone.	60	40
A-18-144	120.74	120.84	0.1	Qtz-calcite vein zone with brecciated clasts of the host mudstone within vein material.	70	40
A-18-144	172.9	173.86	0.96	This veined zone continues on for approximately 20cm but is destroyed to chips by drilling. What is preserved contains coarse (4mm to 1cm), red/brown sphalerite. There appears to be two types of veining in the interval with a calcite rich, white vein material forming at the margins and a qtz-rich, smoky grey vein material forming at the core of the vein coincident with the coarse grained sphalerite. One chip in the drill-caused rubble is of a tan grey, very hard (interp: siliceous), altered mudstone suggesting some alteration alongside the veining. In some areas, the white calcite vein material has void spaces (<1cm wide) with euhedral calcite inside.	75	60
A-18-144	174.46	174.5	0.04	Pinching and swelling 1cm to 4cm wide qtz-carbonate vein with 3mm to 1cm wide, red/brown, coarse sphalerite.	85	
A-18-144	186.79	187.11	0.32	Heavy qtz-carbonate veined section with coarse,<1cm wide red/brown sphalerite. Again two types of veining are present: a dark-grey qtz dominated and a white carbonate dominated. The darker qtz dominated variety trends 60 to 90 degrees TCA and sphalerite is contained within it. The carbonate dominated variety is randomly orientated throughout the interval and in one sections clearly cuts a sph mineralized dark grey qtz vein.	60	75
A-18-144	197.26	197.28	0.02	2cm wide qtz-carb vein with coarse red/brown sphalerite being 80% of vein content.	100	50

A-18-144	198	199.97	1.97	Zone of heavy veining that proceeds the lower contact of the siltstone with the limestone. The zone begins with a 6cm wide, barren, white qtz-carb vein that cuts a 1cm wide sph-qtz-carb vein. The barren vein is orientated at 140 degrees TCA and the mineralized vein at 55 degrees TCA. This pattern continues throughout the veined interval with 3mm to 2cm sph-bearing veins trending at 50 to 60 degrees TCA cut/disrupted by variably orientated white qtz-carb. Two intervals from 198.57m to 198.90 and 199.30m to 199.97m comprise almost entirely qtz-carb veining with the second generation of white qtz disrupting/cutting large veins of sph-dark grey qtz veining. From 199.13 to 199.33m, generally tan brown (minor red) sph is within a v.f.g moderately hard black material (interp: sph crystals within healed fault gouge).	55	55
A-18-144	206.32	206.42	0.1	Large qtz-carb vein striking 60 degrees TCA	100	60
A-18-144	208.57	208.63	0.06	Qtz-carb Vein with minor clasts of host rock within.	100	50
A-18-144	210.3	210.36	0.06	6cm wide white qtz-carb vein	100	60
A-18-144	213.71	213.9	0.19	Zone of white qtz-carb veining with minor brecciated clasts of host limestone	60	130
A-18-144	216.71	217.31	0.6	Zone of white qtz-carb veining that overlaps with the contact between the limestone and underlying shale. Veins are variably orientated and cut one another indicating multiple generations.	45	90
A-18-144	227.63	227.84	0.21	1cm wide qtz-carb vein that trends at 10 degrees TCA before changing to 60 degrees TCA. This veins appears to be folded and trends along with cleavage in this zone. INTERP: vein predates deformation.	20	10
A-18-144	237.16	237.21	0.05	3cm wide qtz-carb vein that is composed of 80% brassy yellow pyrite.	100	60

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	A-18-145	10.18	#VALUE!	Cleavage	CLV	44
A-18-144	10.9	11	0.1	Fault zone with tan/grey fault gouge throughout	FLT	45
A-18-144	11.36	12.5	1.14	heavily fault area with tan/grey fault gouge and black/grey graphitic gouge minor competent sections <10cm in length throughout	FLT	
A-18-144	12.55	12.56	0.01	Cleavage	CLV	48
A-18-144	12.66	12.67	0.01	Cleavage	CLV	50
A-18-144	12.72	12.73	0.01	Bedding in silt lamination	BDG	45
A-18-144	13.46	13.47	0.01	Bedding in mudstone lamination	BDG	44
A-18-144	13.57	13.58	0.01	Cleavage	CLV	45
A-18-144	13.76	13.77	0.01	Cleavage	CLV	44
A-18-144	14.11	14.12	0.01	Bedding in mudstone lamination	BDG	52
A-18-144	14.2	14.21	0.01	Cleavage	CLV	50
A-18-144	14.43	14.44	0.01	Bedding in mudstone lamination	BDG	50
A-18-144	15.47	15.48	0.01	Bedding in mudstone lamination	BDG	45
A-18-144	15.6	15.61	0.01	Bedding in mudstone lamination	BDG	45
A-18-144	16.04	16.05	0.01	Bedding in siltstone lamination	BDG	44
A-18-144	16.07	16.08	0.01	Cleavage	CLV	45
A-18-144	16.27	16.28	0.01	Cleavage	CLV	42
A-18-144	16.35	16.36	0.01	Bedding in mudstone bed	BDG	50
A-18-144	16.47	16.48	0.01	Cleavage	CLV	47
A-18-144	18.09	18.1	0.01	Cleavage	CLV	45
A-18-144	18.45	18.46	0.01	Cleavage	CLV	45
A-18-144	18.85	18.86	0.01	Cleavage	CLV	55
A-18-144	18.93	18.94	0.01	Cleavage	CLV	45
A-18-144	19.55	19.56	0.01	Cleavage	CLV	45
A-18-144	19.74	19.75	0.01	Cleavage	CLV	45
A-18-144	19.85	19.86	0.01	Cleavage	CLV	48
A-18-144	20	20.01	0.01	Cleavage	CLV	48
A-18-144	20.09	20.1	0.01	Siltstone	BDG	46
A-18-144	20.17	20.18	0.01	Silty Bed	BDG	45
A-18-144	20.33	20.38	0.05	Fault with light grey gouge	FLT	60
A-18-144	20.54	20.55	0.01	Cleavage	CLV	48
A-18-144	20.65	20.66	0.01	Cleavage	CLV	40
A-18-144	21.33	21.64	0.31	Fault with significant lost material and dark grey gouge	FLT	50
A-18-144	22.17	22.18	0.01	Cleavage	CLV	45
A-18-144	22.22	22.23	0.01	Silty Laminae	BDG	48
A-18-144	22.46	22.47	0.01	Cleavage	CLV	45
A-18-144	23.27	23.28	0.01	Cleavage	CLV	35
A-18-144	23.85	23.86	0.01	Cleavage	CLV	38
A-18-144	24.26	24.27	0.01	Mudstone Laminae	BDG	46
A-18-144	25.29	25.3	0.01	Mudstone Laminae	BDG	42
A-18-144	26.6	26.75	0.15	Tan/brown fault gouge rubble within qtz/carb vein	FLT	NA
A-18-144	27.57	27.58	0.01	Cleavage	CLV	41

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144			0			
A-18-144	28.348	28.49	0.142	Cleavage	CLV	48
A-18-144	28.76	28.77	0.01	Cleavage	CLV	50
A-18-144	28.91	28.92	0.01	Mudstone Laminae	BDG	50
A-18-144	29.23	29.54	0.31	fault zone with tan/brown gouge	FLT	40
A-18-144	30.47	30.48	0.01	Cleavage	CLV	40
A-18-144	31.83	32.18	0.35	Fault zone partially healed by qtz-carbonate veining with angular <2cm clasts of tan/brown alteration material and minor tan/brown gouge throughout	FLT	25
A-18-144	32.45	32.46	0.01	Mudstone Laminae	BDG	50
A-18-144	33.39	33.4	0.01	Cleavage	CLV	42
A-18-144	33.54	33.55	0.01	Cleavage	CLV	40
A-18-144	33.8	33.81	0.01	Cleavage	CLV	42
A-18-144	34.57	34.58	0.01	Cleavage	CLV	45
A-18-144	35.51	35.52	0.01	Mudstone Laminae	BDG	41
A-18-144	36.19	36.2	0.01	Mudstone Laminae	BDG	47
A-18-144	36.78	36.79	0.01	Cleavage	CLV	44
A-18-144	37.06	37.07	0.01	Cleavage	CLV	45
A-18-144	37.32	37.33	0.01	Bioturbated Bed	BDG	45
A-18-144	37.6	37.61	0.01	Bioturbated Bed	BDG	40
A-18-144	37.98	37.99	0.01	Cleavage	CLV	48
A-18-144	38.21	38.69	0.48	Fault with well cleaved sections and minor black, graphitic gouge	FLT	45
A-18-144	38.77	38.78	0.01	Cleavage	CLV	48
A-18-144	38.84	38.85	0.01	Silty Laminae	BDG	48
A-18-144	39.67	39.68	0.01	Cleavage	CLV	41
A-18-144	39.7	39.71	0.01	Silty Laminae	BDG	44
A-18-144	39.74	40.17	0.43	Rubble fault some with minor, black graphitic gouge along cleavage surfaces	FLT	50
A-18-144	40.94	42.2	1.26	Rubble fault zone with black graphitic gouge along surfaces	FLT	50
A-18-144	42.4	42.41	0.01	Cleavage	CLV	46
A-18-144	42.84	42.98	0.14	rubble fault with black graphitic gouge	FLT	50
A-18-144	43.1	43.11	0.01	Silty Laminae	BDG	38
A-18-144	43.97	43.98	0.01	Silty Laminae	BDG	38
A-18-144	43.99	44	0.01	Cleavage	CLV	40
A-18-144	44.23	44.24	0.01	Silty Laminae	BDG	30
A-18-144	44.85	45.62	0.77	Rubble fault zone with black graphitic gouge on fracture surfaces		
A-18-144	45.68	45.69	0.01	Cleavage	CLV	40
A-18-144	45.89	45.9	0.01	Silty Laminae	BDG	44
A-18-144	46.63	46.64	0.01	Cleavage	CLV	42
A-18-144	46.72	46.73	0.01	Pyrite Laminae	BDG	40
A-18-144	47.05	47.06	0.01	Silty Bed	BDG	40
A-18-144	47.51	47.52	0.01	Silty Laminae	BDG	38

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	47.69	47.7	0.01	Cleavage	CLV	36
A-18-144	47.87	47.88	0.01	Silty Laminae	BDG	40
A-18-144	48.43	48.44	0.01	Cleavage	CLV	38
A-18-144	48.9	48.91	0.01	Cleavage	CLV	44
A-18-144	49.28	49.29	0.01	Cleavage	CLV	36
A-18-144	49.4	49.41	0.01	Silty Laminae	BDG	35
A-18-144	49.77	49.78	0.01	Cleavage	CLV	40
A-18-144	49.85	49.86	0.01	Silty Laminae	BDG	37
A-18-144	50.42	50.43	0.01	Cleavage	CLV	42
A-18-144	50.48	50.49	0.01	Silty Laminae	BDG	46
A-18-144	50.73	50.74	0.01	Silty Laminae	BDG	30
A-18-144	50.86	50.87	0.01	Mudstone Laminae	BDG	37
A-18-144	51.02	51.03	0.01	Cleavage	CLV	40
A-18-144	51.08	51.09	0.01	Silty Laminae	BDG	38
A-18-144	51.37	51.38	0.01	Cleavage	CLV	42
A-18-144	51.77	51.78	0.01	Cleavage	CLV	42
A-18-144	51.97	51.98	0.01	Mudstone Laminae	BDG	42
A-18-144	52.16	52.17	0.01	Cleavage	CLV	42
A-18-144	52.6	52.61	0.01	Mudstone Laminae	BDG	32
A-18-144	52.65	52.66	0.01	Cleavage	CLV	35
A-18-144	52.98	52.99	0.01	Mudstone Laminae	BDG	42
A-18-144	53.06	53.07	0.01	Cleavage	CLV	30
A-18-144	53.21	53.22	0.01	Kink Fold Axis	FA	130
A-18-144	53.26	53.27	0.01	Mudstone Laminae	BDG	20
A-18-144	53.76	53.77	0.01	Mudstone Laminae	BDG	45
A-18-144	53.96	53.97	0.01	Cleavage	CLV	45
A-18-144	54.16	54.17	0.01	Mudstone Laminae	BDG	35
A-18-144	54.42	54.43	0.01	Cleavage	CLV	35
A-18-144	54.78	54.79	0.01	Cleavage	CLV	36
A-18-144	54.86	54.87	0.01	Mudstone Laminae	BDG	38
A-18-144	55.27	55.28	0.01	Mudstone Laminae	BDG	32
A-18-144	55.37	55.38	0.01	Cleavage	CLV	35
A-18-144	55.64	55.65	0.01	Mudstone Laminae	BDG	35
A-18-144	56.08	56.09	0.01	Mudstone Laminae	BDG	40
A-18-144	56.35	56.36	0.01	Cleavage	CLV	48
A-18-144	56.83	56.84	0.01	Cleavage	CLV	32
A-18-144	57.06	57.07	0.01	Silty Bed	CLV	32
A-18-144	57.5	57.51	0.01	Silty Bed	BDG	35
A-18-144	58.52	58.53	0.01	Mudstone Laminae	BDG	40
A-18-144	58.71	58.72	0.01	Cleavage	CLV	38
A-18-144	58.89	58.9	0.01	Mudstone Laminae	BDG	32
A-18-144	61	61.01	0.01	Mudstone Laminae	BDG	40
A-18-144	61.72	61.73	0.01	Cleavage	CLV	40
A-18-144	61.87	61.88	0.01	Cleavage	CLV	38

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	62.15	62.16	0.01	Cleavage	CLV	42
A-18-144	62.71	62.72	0.01	Mudstone Laminae	BDG	38
A-18-144	64.33	64.34	0.01	Cleavage	CLV	32
A-18-144	64.02	64.03	0.01	Mudstone Laminae	BDG	38
A-18-144	64.44	64.45	0.01	Cleavage	CLV	46
A-18-144	65.53	65.54	0.01	Mudstone Laminae	BDG	35
A-18-144	66.36	66.38	0.02	Cleavage	CLV	31
A-18-144	66.63	66.64	0.01	Mudstone Laminae	BDG	35
A-18-144	67.72	67.73	0.01	Mudstone Laminae	BDG	40
A-18-144	68.19	68.2	0.01	Mudstone Laminae	BDG	36
A-18-144	68.34	68.35	0.01	Cleavage	CLV	37
A-18-144	69.01	69.02	0.01	Mudstone Laminae	BDG	45
A-18-144	69.59	69.6	0.01	Mudstone Laminae	BDG	30
A-18-144	70.2	70.21	0.01	Mudstone Laminae	BDG	32
A-18-144	70.63	70.64	0.01	Mudstone Laminae	BDG	40
A-18-144	71.14	71.15	0.01	Mudstone Laminae	BDG	45
A-18-144	71.73	71.74	0.01	Cleavage	CLV	38
A-18-144	71.83	71.84	0.01	Mudstone Laminae	BDG	35
A-18-144	72.77	72.78	0.01	Mudstone Laminae	BDG	34
A-18-144	73.13	73.14	0.01	Mudstone Laminae	BDG	35
A-18-144	74.27	74.28	0.01	Cleavage	CLV	28
A-18-144	75.05	75.06	0.01	Cleavage	CLV	36
A-18-144	75.38	75.39	0.01	Mudstone Laminae	BDG	33
A-18-144	76.04	76.05	0.01	Mudstone Laminae	BDG	40
A-18-144	76.22	76.23	0.01	Mudstone Laminae	BDG	35
A-18-144	76.67	76.68	0.01	Mudstone Laminae	BDG	31
A-18-144	76.86	76.87	0.01	Cleavage	CLV	32
A-18-144	77.29	77.3	0.01	Mudstone Laminae	BDG	33
A-18-144	77.77	77.78	0.01	Cleavage	CLV	34
A-18-144	78.12	78.13	0.01	Mudstone Laminae	BDG	34
A-18-144	78.28	78.3	0.02	Cleavage	CLV	36
A-18-144	79	79.01	0.01	Mudstone Laminae	BDG	35
A-18-144	79.67	79.68	0.01	Mudstone Laminae	BDG	40
A-18-144	80.27	80.28	0.01	Silty Laminae	BDG	32
A-18-144	80.58	80.59	0.01	Cleavage	CLV	36
A-18-144	81.18	81.19	0.01	Cleavage	CLV	32
A-18-144	82.14	82.15	0.01	Cleavage	CLV	40
A-18-144	82.29	82.3	0.01	Silty Laminae	BDG	40
A-18-144	82.67	82.68	0.01	Cleavage	CLV	36
A-18-144	82.73	82.74	0.01	Silty Laminae	BDG	35
A-18-144	82.78	82.79	0.01	Open fold axis	FA	110
A-18-144	83	83.01	0.01	Silty Laminae	BDG	25
A-18-144	83.33	83.34	0.01	Silty Laminae	BDG	40
A-18-144	83.56	83.57	0.01	Cleavage	CLV	37
A-18-144	84.15	84.16	0.01	Silty Laminae	BDG	38

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	84.57	84.58	0.01	Cleavage	CLV	36
A-18-144	84.7	85.38	0.68	Rubbly fault with black, graphitic gouge developed along fracture surfaces	FLT	36
A-18-144	85.65	85.66	0.01	Silty Laminae	BDG	34
A-18-144	86.17	86.18	0.01	Silty Laminae	BDG	30
A-18-144	86.39	86.4	0.01	Mudstone Laminae	BDG	30
A-18-144	87	87.01	0.01	Mudstone Laminae	BDG	40
A-18-144	88.41	88.42	0.01	Mudstone Laminae	BDG	36
A-18-144	88.47	88.48	0.01	Cleavage	CLV	37
A-18-144	88.7	88.71	0.01	Cleavage	CLV	36
A-18-144	90	90.09	0.09	Fault with rubble chips and grey gouge developed along fracture surfaces	FLT	40
A-18-144	90.49	90.5	0.01	Mudstone Laminae	BDG	35
A-18-144	91.45	91.46	0.01	Cleavage	CLV	40
A-18-144	91.6	91.61	0.01	Mudstone Laminae	BDG	40
A-18-144	91.82	91.83	0.01	Silty Laminae	BDG	35
A-18-144	91.94	91.95	0.01	Cleavage	CLV	50
A-18-144	92.38	92.39	0.01	Cleavage	CLV	50
A-18-144	92.72	92.73	0.01	Silty Bed	BDG	42
A-18-144	93.17	93.18	0.01	Cleavage	CLV	51
A-18-144	94.28	94.29	0.01	Mudstone Laminae	BDG	35
A-18-144	94.45	94.46	0.01	Cleavage	CLV	40
A-18-144	94.7	94.71	0.01	Cleavage	CLV	42
A-18-144	95.37	95.38	0.01	Mudstone Bed	BDG	35
A-18-144	95.6	95.61	0.01	Cleavage	CLV	40
A-18-144	96.66	96.67	0.01	Silty Laminae	BDG	34
A-18-144	96.82	96.83	0.01	Cleavage	CLV	28
A-18-144	98.08	98.09	0.01	Silty Laminae	BDG	40
A-18-144	98.4	98.41	0.01	Cleavage	CLV	36
A-18-144	99.21	99.22	0.01	Silty Laminae	BDG	33
A-18-144	100	100.01	0.01	Cleavage	CLV	38
A-18-144	100.25	100.26	0.01	Silty Laminae	BDG	40
A-18-144	101.39	101.4	0.01	Silty Laminae	BDG	35
A-18-144	102.41	102.43	0.02	Cleavage	CLV	40
A-18-144	102.95	102.96	0.01	Cleavage	CLV	38
A-18-144	104.03	104.04	0.01	Cleavage	CLV	37
A-18-144	104.31	104.32	0.01	Mudstone Laminae	BDG	37
A-18-144	104.61	104.62	0.01	Cleavage	CLV	37
A-18-144	105.31	105.32	0.01	Mudstone Laminae	CLV	40
A-18-144	105.54	106	0.46	Rubbly fault with one 5cm zone of pure gouge and flaky rubble with grey gouge developed along fracture surfaces	FLT	40
A-18-144	106.79	106.8	0.01	Cleavage	CLV	40
A-18-144	107.95	107.96	0.01	Silty Bed	BDG	35
A-18-144	108.37	108.38	0.01	Cleavage	CLV	39

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	109.59	109.6	0.01	Cleavage	CLV	31
A-18-144	109.8	109.81	0.01	Silty Laminae	BDG	37
A-18-144	110.81	110.82	0.01	Silty Laminae	BDG	35
A-18-144	112.11	112.12	0.01	Mudstone Laminae	BDG	40
A-18-144	112.47	112.48	0.01	Cleavage	CLV	42
A-18-144	113.15	113.16	0.01	Cleavage	CLV	36
A-18-144	113.3	113.31	0.01	Silty Laminae	BDG	38
A-18-144	113.87	113.88	0.01	Cleavage	CLV	35
A-18-144	114.4	114.41	0.01	Silty Bed	BDG	38
A-18-144	115.11	115.12	0.01	Silty Bed	BDG	37
A-18-144	115.45	115.46	0.01	Cleavage	CLV	35
A-18-144	115.9	115.91	0.01	Cleavage	CLV	42
A-18-144	116.13	116.22	0.09	Fault Zone comprising only black graphitic gouge and small chips	FLT	50
A-18-144	116.7	116.71	0.01	Cleavage	CLV	50
A-18-144	116.89	116.9	0.01	Cleavage	CLV	42
A-18-144	117.19	117.2	0.01	Silty Laminae	BDG	40
A-18-144	117.73	117.74	0.01	Cleavage	CLV	38
A-18-144	118.05	118.06	0.01	Cleavage	CLV	35
A-18-144	118.33	118.34	0.01	Silty Laminae	BDG	35
A-18-144	119.18	119.19	0.01	Cleavage	CLV	38
A-18-144	120.33	120.34	0.01	Cleavage	CLV	45
A-18-144	120.96	120.97	0.01	Mudstone Laminae	BDG	38
A-18-144	121.45	121.46	0.01	Cleavage	CLV	45
A-18-144	122.76	122.77	0.01	Silty Laminae	BDG	35
A-18-144	124.14	124.15	0.01	Mudstone Laminae	BDG	32
A-18-144	125.64	125.65	0.01	Mudstone Laminae	BDG	30
A-18-144	126	126.01	0.01	Cleavage	CLV	35
A-18-144	126.66	127.51	0.85	Fault with minimal gouge (?) and rubble, broken pieces	FLT	45
A-18-144	127.57	127.58	0.01	Cleavage	CLV	45
A-18-144	127.68	127.69	0.01	Mudstone Laminae	BDG	42
A-18-144	128.57	128.58	0.01	Mudstone Laminae	BDG	35
A-18-144	125.64	128.65	3.01	Cleavage	CLV	34
A-18-144	129.94	129.95	0.01	Cleavage	CLV	35
A-18-144	130.32	130.33	0.01	Mudstone Laminae	BDG	32
A-18-144	131.07	131.08	0.01	Mudstone Laminae	BDG	37
A-18-144	131.8	131.81	0.01	Mudstone Laminae	BDG	35
A-18-144	132.47	132.48	0.01	Mudstone Laminae	BDG	33
A-18-144	132.77	132.78	0.01	Cleavage	CLV	34
A-18-144	133.44	133.45	0.01	Cleavage	CLV	38
A-18-144	134.56	134.57	0.01	Mudstone Laminae	BDG	34
A-18-144	135.62	135.63	0.01	Mudstone Laminae	BDG	40
A-18-144	135.92	135.93	0.01	Cleavage	CLV	38
A-18-144	137.33	137.34	0.01	Cleavage	CLV	35

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	138.18	138.19	0.01	Mudstone Laminae	BDG	35
A-18-144	138.49	138.5	0.01	Cleavage	CLV	38
A-18-144	138.67	138.68	0.01	Mudstone Laminae	BDG	35
A-18-144	139.25	139.26	0.01	Mudstone Laminae	BDG	35
A-18-144	139.74	139.75	0.01	Mudstone	BDG	38
A-18-144	140.8	140.81	0.01	Cleavage	CLV	40
A-18-144	141.32	141.33	0.01	Silty Laminae	BDG	32
A-18-144	142.62	142.63	0.01	Cleavage	CLV	38
A-18-144	143.06	143.07	0.01	Silty Laminae	BDG	35
A-18-144	145.35	145.36	0.01	Mudstone Lamina	BDG	38
A-18-144	145.84	145.85	0.01	Cleavage	CLV	37
A-18-144	146.85	146.86	0.01	Cleavage	CLV	40
A-18-144	147.28	147.29	0.01	Mudstone Lamina	BDG	40
A-18-144	148.07	148.08	0.01	Mudstone Lamina	BDG	38
A-18-144	148.7	148.71	0.01	Cleavage	CLV	40
A-18-144	149.53	149.54	0.01	Mudstone Lamina	BDG	37
A-18-144	151.44	151.45	0.01	Cleavage	CLV	37
A-18-144	152.76	152.77	0.01	Mudstone Lamina	BDG	38
A-18-144	153.69	153.7	0.01	Cleavage	CLV	40
A-18-144	155.23	155.24	0.01	Silty Lamina	BDG	35
A-18-144	156.52	156.53	0.01	Silty Lamina	BDG	42
A-18-144	158.38	158.39	0.01	Mudstone Lamina	BDG	40
A-18-144	159.46	159.47	0.01	Mudstone Lamina	BDG	40
A-18-144	160.66	160.67	0.01	Cleavage	CLV	46
A-18-144	160.94	160.95	0.01	Silty Lamina	BDG	36
A-18-144	162.64	162.65	0.01	Silty Lamina	BDG	32
A-18-144	163.86	163.87	0.01	Mudstone Lamina	BDG	38
A-18-144	165.34	165.35	0.01	Mudstone Lamina	BDG	35
A-18-144	166.26	166.27	0.01	Mudstone Lamina	BDG	36
A-18-144	166.49	166.5	0.01	Cleavage	CLV	32
A-18-144	167	167.01	0.01	Cleavage	CLV	38
A-18-144	168.49	168.5	0.01	Cleavage	CLV	35
A-18-144	169.07	169.08	0.01	Mudstone Lamina	BDG	30
A-18-144	170.16	170.17	0.01	Mudstone Lamina	BDG	30
A-18-144	171.14	171.15	0.01	Mudstone Lamina	BDG	34
A-18-144	171.71	171.72	0.01	Cleavage	CLV	39
A-18-144	172	172.01	0.01	Cleavage	CLV	37
A-18-144	172.43	172.44	0.01	Mudstone Lamina	BDG	32
A-18-144	174.83	174.98	0.15	Fault with rubble and minor grey gouge along fracture surfaces	FLT	50
A-18-144	175.08	175.09	0.01	Cleavage	CLV	50
A-18-144	175.13	175.14	0.01	Silty Bed	BDG	50
A-18-144	175.76	176.86	1.1	Fault with gouge in the upper approx.. 20cm and well developed fractures with some shiny slick surfaces.	FLT	50
A-18-144	176.96	176.97	0.01	Mudstone Lamina	BDG	58

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	177.64	177.65	0.01	Cleavage	CLV	55
A-18-144	177.69	177.7	0.01	Mudstone lamina	BDG	52
A-18-144	178.32	178.33	0.01	Cleavage	CLV	53
A-18-144	178.56	178.57	0.01	Silty Lamina	BDG	50
A-18-144	179.07	179.08	0.01	Silty Lamina	BDG	54
A-18-144	179.17	179.18	0.01	Cleavage	CLV	50
A-18-144	179.76	179.77	0.01	Cleavage	CLV	52
A-18-144	180.78	180.79	0.01	Mudstone Lamina	BDG	56
A-18-144	181.74	181.75	0.01	Cleavage	CLV	51
A-18-144	183.2	183.21	0.01	Mudstone Lamina	BDG	55
A-18-144	183.96	183.97	0.01	Cleavage	CLV	53
A-18-144	184.63	184.64	0.01	Mudstone Lamina	BDG	54
A-18-144	184.87	184.88	0.01	Cleavage	CLV	55
A-18-144	186.2	186.21	0.01	Mudstone	BDG	45
A-18-144	186.31	186.32	0.01	Cleavage	CLV	48
A-18-144	187.47	187.48	0.01	Mudstone lamina	BDG	48
A-18-144	189.08	189.09	0.01	Mudstone Lamina	BDG	40
A-18-144	189.63	189.64	0.01	Mudstone Lamina	BDG	50
A-18-144	189.78	189.79	0.01	Cleavage	CLV	50
A-18-144	190.42	190.43	0.01	Cleavage	CLV	53
A-18-144	190.83	190.84	0.01	Cleavage	CLV	57
A-18-144	190.9	190.91	0.01	Cleavage	CLV	60
A-18-144	192.15	192.16	0.01	Cleavage	CLV	60
A-18-144	192.82	192.83	0.01	Mudstone Lamina	BDG	63
A-18-144	193.28	193.29	0.01	Cleavage	CLV	63
A-18-144	193.31	193.32	0.01	Mudstone Lamina	BDG	65
A-18-144	193.87	194.9	1.03	Fault with significant gouge in the first 10cm and the final 20 cm with 5cm of veining towards the lower contact. There is a ~30cm competent section with well cleaved surfaces in the centre	FLT	70
A-18-144	195.13	195.14	0.01	Cleavage	CLV	52
A-18-144	196.65	196.66	0.01	Mudstone Lamina	BDG	54
A-18-144	196.91	196.92	0.01	Cleavage	CLV	54
A-18-144	187.16	199.28	12.12	Faulted zone represented by stylotic/pressure solution deformation evident in an increase of deformation in mudstone laminae These heavily deformed black laminae increase in frequency from and intensity from 187.16 to approx. 190.0m where they become the dominant texture of the rock. Where most deformed these laminae are recessive forming indentations in the siltstone.		
A-18-144	197.37	197.38	0.01	Cleavage	CLV	50
A-18-144	197.87	197.88	0.01	Cleavage	CLV	50
A-18-144	199.06	199.07	0.01	Mudstone Lamina	BDG	45

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	199.13	199.32	0.19	Coarse grained <1.5cm tan/brown sph crystals within moderately hard, v.f.g black material which may be healed fault gouge	FLT	50
A-18-144	217.62	217.63	0.01	Silty Lamina	BDG	32
A-18-144	217.9	217.91	0.01	Silt Lamina	BDG	18
A-18-144	218.36	218.37	0.01	Silty Lamina	BDG	35
A-18-144	218.88	218.89	0.01	Silty Lamina	BDG	12
A-18-144	219.25	219.26	0.01	Silty Lamina	BDG	16
A-18-144	219.94	219.95	0.01	Silty Lamina	BDG	32
A-18-144	220.66	220.67	0.01	Silty bed	BDG	18
A-18-144	220.69	220.7	0.01	Cleavage	CLV	18
A-18-144	221.35	221.36	0.01	Mudstone Lamina	BDG	20
A-18-144	222.07	222.08	0.01	Mudstone Lamina	BDG	26
A-18-144	222.43	222.44	0.01	Cleavage	CLV	32
A-18-144	222.87	222.88	0.01	Cleavage	CLV	32
A-18-144	223.2	223.21	0.01	Cleavage	CLV	38
A-18-144	223.24	223.25	0.01	Silty Lamina	BDG	38
A-18-144	223.6	225.93	2.33	Zone of heavy faulty with rubble and grey/black gouge material throughout. Minor <10cm intervals are variably preserved throughout with some slick surfaces developed	FLT	50
A-18-144	226.19	226.2	0.01	Cleavage	CLV	40
A-18-144	226.4	226.62	0.22	Fault zone with rubble chips and grey gouge developed along chip surfaces	FLT	55
A-18-144	226.71	226.72	0.01	Silty Bed	BDG	40
A-18-144	226.76	226.77	0.01	Cleavage	CLV	34
A-18-144	227.09	227.63	0.54	Rubbly fault that increases in intensity towards lower 10cm where it is rubble coated in grey gouge.	FLT	NA
A-18-144	227.9	227.91	0.01	Cleavage	CLV	35
A-18-144	228.02	232.83	4.81	Large faulted zone with some composite sections of <8cm showing silty bedding. Rubble of a qtz-carb vein is present at 231.20m and a zone of heavily faulted gouge/<1cm chips is present from 231.95m to 232.64m.	FLT	50
A-18-144	232.9	232.91	0.01	Silty Lamina	BDG	47
A-18-144	233.24	233.25	0.01	Silty Bed	BDG	38
A-18-144	233.35	234.55	1.2	Faulted zone with large (<10cm) rubble and gouge developed along fractured surfaces	FLT	NA
A-18-144	234.61	234.62	0.01	Silty Bed	BDG	37
A-18-144	235.12	235.13	0.01	Silty Lamina	BDG	40
A-18-144	235.2	236.88	1.68	Rubble fault with some <15cm pieces and gouge developed on fractur surfaces throughout.	FLT	NA
A-18-144	236.95	236.96	0.01	Silty Lamina	BDG	46
A-18-144	237.91	239	1.09	Fault zone with pokes chip rubble and gouge developed along fracture surfaces	FLT	80

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	239.53	239.54	0.01	Silty Lamina	BDG	80
A-18-144	239.85	239.86	0.01	Silty lamina	BDG	50
A-18-144	240.1	240.11	0.01	Silty Lamina	BDG	30
A-18-144	240.89	240.9	0.01	Silty Lamina	BDG	9
A-18-144	241.2	241.21	0.01	Silty Lamina	BDG	5
A-18-144	243	243.1	0.1	Fold Axis in Silty Lamina	FA	90
A-18-144	244.33	253	8.67	Heavily faulted zone . Faulting increases in intensity at 247.19m and continues as heavily chipped/rubble until the lower contact where it ends sharply.	FLT	30
A-18-144	247.83	247.84	0.01	Fold Axis in silty Bed	FA-D	65
A-18-144	253.15	253.16	0.01	Silty Lamina	BDG	24
A-18-144	253.17	253.18	0.01	Moderately faulted zone with <15cm rubble with graphitic gouge along fracture surfaces.	FLT	NA
A-18-144	254.25	254.26	0.01	Silty Lamina	BDG	20
A-18-144	254.65	256.16	1.51	Fault with graphitic gouge on fracture surfaces and a 10cm interval of very heavily chipped/gouged zone in the centre.	FLT	50
A-18-144	256.41	256.42	0.01	Silty Lamina	BDG	34
A-18-144	256.85	257	0.15	Fault zone with rubble and minor gouge along fracture surfaces.	FLT	50
A-18-144	258.23	258.24	0.01	Silty Lamina	BDG	15
A-18-144	258.83	258.84	0.01	Silty Lamina	BDG	20
A-18-144	259.4	259.83	0.43	Rubble with gouge developed along fracture surfaces.	FLT	NA
A-18-144	260.4	260.83	0.43	Fault with rubble that transition into a zone of pure black gouge still maintaining form from 260.58 to 260.83. This is the end of the faulted interval above.	FLT	40
A-18-144	261.44	261.45	0.01	Silty Lamina	BDG	38
A-18-144	261.64	261.65	0.01	Silty Lamina	BDG	15
A-18-144	261.85	261.86	0.01	Silty Lamina	BDG	17
A-18-144	263.83	263.84	0.01	Cleavage	CLV	47
A-18-144	265.77	265.78	0.01	Cleavage	CLV	54
A-18-144	266.2	266.21	0.01	Silty Lamina	BDG	25
A-18-144	266.3	266.31	0.01	Open fold	FA	75
A-18-144	266.89	266.9	0.01	Cleavage	CLV	51
A-18-144	267.22	267.23	0.01	Cleavage	CLV	53
A-18-144	267.75	267.76	0.01	Cleavage	CLV	45
A-18-144	268.47	268.48	0.01	Cleavage	CLV	56
A-18-144	268.91	268.92	0.01	Cleavage	CLV	40
A-18-144	269.16	269.17	0.01	Cleavage	CLV	46
A-18-144	263.38	269.5	6.12	Graded bed of <2cm wide pebble? Bed (heavily pyritized with rounded and angular clasts) grades into fine silty pyritized laminations.	T-Down	120
A-18-144	270.1	270.11	0.01	Silty Lamina	BDG	11
A-18-144	270.73	270.74	0.01	Silty Lamina	BDG	12
A-18-144	272.1	272.11	0.01	Silty Lamina	BDG	20

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	272.9	272.91	0.01	Silty Lamina	BDG	18
A-18-144	273.49	273.5	0.01	Silty Lamina	BDG	20
A-18-144	274.13	274.14	0.01	Cleavage	CLV	25
A-18-144	275.21	275.23	0.02	Silty Bed	BDG	30
A-18-144	275.6	276.2	0.6	Fault with rubble and grey graphitic gouge and slicks developed along fractures.	FLT	35
A-18-144	277	277.01	0.01	Silty Lamina	BDG	24
A-18-144	277.47	277.48	0.01	Silty Lamina	BDG	24
A-18-144	277.94	278.59	0.65	Faulted zone with <10cm rubble and gouge developed along fracture surfaces	FLT	30
A-18-144	279.76	279.77	0.01	Silty Lamina	BDG	24
A-18-144	280.79	280.8	0.01	Silty Lamina	BDG	22
A-18-144	281.2	281.21	0.01	Cleavage	CLV	30
A-18-144	281.69	281.7	0.01	Silty Lamina	BDG	30
A-18-144	282.12	282.13	0.01	Silty Lamina	BDG	30
A-18-144	282.26	282.8	0.54	Faulted zone with variably fractured rubble and minor grey gouge developed along fracture surfaces.	FLT	30
A-18-144	283.53	283.54	0.01	Silty Lamina	BDG	30
A-18-144	283.77	283.78	0.01	Cleavage	CLV	26
A-18-144	284.38	284.39	0.01	Silty Lamina	BDG	30
A-18-144	285	285.01	0.01	Silty Lamina	BDG	30
A-18-144	285.76	285.77	0.01	Cleavage	CLV	30
A-18-144	286.55	286.56	0.01	Silty Lamina	BDG	33
A-18-144	286.89	286.9	0.01	Cleavage	CLV	31
A-18-144	287.14	287.15	0.01	Silty Lamina	BDG	35
A-18-144	287.65	287.66	0.01	Silty Lamina	BDG	33
A-18-144	288.76	288.77	0.01	Cleavage	CLV	36
A-18-144	289.3	289.31	0.01	Cleavage	CLV	36
A-18-144	290.34	290.35	0.01	Silty Lamina	BDG	35
A-18-144	290.9	290.91	0.01	Silty Lamina	BDG	31
A-18-144	291.05	291.15	0.1	Very Minor fault with gouge developed in 1cm zone in centre.	FLT	30
A-18-144	291.64	291.65	0.01	Cleavage	CLV	36
A-18-144	292.28	294.33	2.05	Heavy fault zone with <5cm wide rubble and significant gouge. Slick surfaces are well developed.	FLT	40
A-18-144	294.56	294.57	0.01	Silty lamina	BDG	36
A-18-144	294.69	295	0.31	Rubble zone with little gouge.	FLT	35
A-18-144	295.36	295.37	0.01	Silty Lamina	BDG	28
A-18-144	295.51	295.95	0.44	Rubble zone with little gouge.	FLT	NA
A-18-144	297.38	297.63	0.25	Minor gouge with chips and some grey gouge.	FLT	60
A-18-144	299.83	299.84	0.01	Silty Lamina	BDG	45
A-18-144	300	300.01	0.01	Cleavage	CLV	44
A-18-144	300.62	300.63	0.01	Silty Lamina	BDG	23
A-18-144	301.11	301.12	0.01	Cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-144	301.42	309.68	8.26	Heavy faulting that continues to the end of the how with some preserved <15cm intervals contained within a rubbly, chip zone with gouge and slick surfaces.	FLT	40
A-18-144	303.48	303.49	0.01	Silty Lamina	BDG	38
A-18-144	305.21	305.22	0.01	Cleavage	CLV	20
A-18-144	305.5	305.51	0.01	Cleavage	CLV	20
A-18-144	306.21	306.22	0.01	Fold axis preserved in faulted zone. Hinge is perpendicular TCA.	FA	80

HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE
A-18-144	73.46	73.86	0.40	2695751	Rep Sample of massive grey siltstone with undulating, discontinuous, mudstone laminae	0.00	0.00		VAN18001868
A-18-144	95.10	95.35	0.25	2695752	Rep Sample of 6SH shale with lenses of chert and calcareous white speckles, one minor 3mm vein contains sph in this interval	Tr			VAN18001868
A-18-144			0.00	2695753	BLANK			Blank BL115	VAN18001868
A-18-144	132.18	132.76	0.58	2695754	Representative sample of well laminated dark grey/black well laminated siltstone	0.00	0.00		VAN18001868
A-18-144	169.00	170.00	1.00	2695755	6CSS	0.00	0.00		VAN18001868
A-18-144	170.00	171.00	1.00	2695756	6CSS	0.00	0.00		VAN18001868
A-18-144	171.00	172.00	1.00	2695757	6CSS	0.00	0.00		VAN18001868
A-18-144	172.00	172.72	0.72	2695758	6CSS	0.00	0.00		VAN18001868
A-18-144	172.72	173.72	1.00	2695759	qtz-carbonate vein with brown red sphalerite in 6CSS. Interval from 173.03m on is destroyed by the drill and lower contact is a best guess.	5.00	0.00		VAN18001868
A-18-144	173.72	174.32	0.60	2695760	6CSS with minor barren qtz-carb veining.	0.00	0.00		VAN18001868
A-18-144	174.32	174.59	0.27	2695761	1cm to 4cm wide qtz-carb vein with coarse red/brown sphalerite.	3.00	0.00		VAN18001868
A-18-144	174.59	175.59	1.00	2695762	6CSS	0.00	0.00		VAN18001868
A-18-144			0.00	2695763	Coarse Dup			Coarse Dup of 2695762	VAN18001868
A-18-144	175.59	176.59	1.00	2695764	6CSS - minor 6SH, heavily faulted	0.00	0.00		VAN18001868
A-18-144	176.59	177.03	0.44	2695765	6CSS	0.00	0.00		VAN18001868
A-18-144	177.03	178.03	1.00	2695766	6CSS	0.00	0.00		VAN18001868
A-18-144	178.03	179.00	0.97	2695767	6CSS	0.00	0.00		VAN18001868
A-18-144	179.00	179.48	0.48	2695768	6CSS	0.00	0.00		VAN18001868
A-18-144	179.48	180.12	0.64	2695769	6CSS - with 50% 6SH	0.00	0.00		VAN18001868
A-18-144	180.12	181.12	1.00	2695770	6CSS - heavily crenulated	0.00	0.00		VAN18001868
A-18-144	181.12	182.08	0.96	2695771	6CSS	0.00	0.00		VAN18001868
A-18-144	182.08	182.95	0.87	2695772	6CSS	0.00	0.00		VAN18001868
A-18-144			0.00	2695773	STD CDN-ME-1306			STD CDN-ME-1306	VAN18001868
A-18-144	182.95	183.96	1.01	2695774	6CSS - Well Laminated	0.00	0.00		VAN18001868
A-18-144	183.96	184.89	0.93	2695775	6CSS	0.00	0.00		VAN18001868
A-18-144	184.89	185.84	0.95	2695776	6CSS	0.00	0.00		VAN18001868
A-18-144	185.84	186.51	0.67	2695777	6CSS	0.00	0.00		VAN18001868
A-18-144	186.51	187.15	0.64	2695778	6CSS - Veined by qtz-carbonate veining with coarse grained red/brown sphalerite in grey-qtz veining.	3.00	0.00		VAN18001868
A-18-144	187.15	188.08	0.93	2695779	6CSS - Beginning of deformation from thrust fault.	0.00	0.00		VAN18001868
A-18-144	188.08	189.11	1.03	2695780	6CSS - Minor Faulting, thrust deformation	0.00	0.00		VAN18001868
A-18-144	189.11	189.92	0.81	2695781	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144	189.92	190.92	1.00	2695782	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144			0.00	2695783	BLANK			Blank BL115	VAN18001868
A-18-144	190.92	191.92	1.00	2695784	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144	191.92	192.92	1.00	2695785	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144	192.92	193.82	0.90	2695786	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144	193.82	195.00	1.18	2695787	6CSS - Heavy Thrust Deformation and internal faulting with gouge. 5cm vein healing at End	0.00	0.00		VAN18001868
A-18-144	195.00	196.00	1.00	2695788	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144	196.00	196.70	0.70	2695789	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144	196.70	197.47	0.77	2695790	6CSS heavy thrust deformation with single 2cm wide sph-qtz-carb vein	0.50	0.00		VAN18001868
A-18-144	197.47	198.21	0.74	2695791	6CSS - Heavy Thrust Deformation	0.00	0.00		VAN18001868
A-18-144	198.21	199.01	0.80	2695792	6CSS with sphalerite veining comprising 52% of the interval. Sphalerite red brown and coarse	5.00	0.00		VAN18001868
A-18-144			0.00	2695793	Pulp DUP			Pulp Dup of 2695792	VAN18001868
A-18-144	199.01	200.00	0.99	2695794	Dark grey qtz + sph veining comprises 53% of the interval, including barren white carbonate veining the interval is 84% vein material.	16.00	0.00		VAN18001868
A-18-144	200.00	200.65	0.65	2695795	6LS	0.00	0.00		VAN18001868
A-18-144	200.65	201.24	0.59	2695796	6LS	0.00	0.00		VAN18001868
A-18-144	201.24	201.78	0.54	2695797	Recrystalized or altered section as per log. Trace sph and pyrite is present throughout.	3.00	0.00		VAN18001868
A-18-144	201.78	202.45	0.67	2695798	6LS with minor pyrobitumen in vein material	Tr	0.00		VAN18001868
A-18-144	202.45	203.35	0.90	2695799	6LS	0.00	0.00		VAN18001868
A-18-144	203.35	204.00	0.65	2695800	6LS with trace sph	Tr	0.00		VAN18001868
A-18-144	204.00	205.00	1.00	2695801	6LS with trace sph	Tr	0.00		VAN18001868
A-18-144	205.00	206.00	1.00	2695802	6LS with trace sph	Tr	0.00		VAN18001868
A-18-144			0.00	2695803	STD CDN-ME-1306			STD CDN-ME-1306	VAN18001868
A-18-144	206.00	207.00	1.00	2695804	6LS with trace sph	Tr	0.00		VAN18001868
A-18-144	207.00	208.00	1.00	2695805	6LS with trace sph	Tr	0.00		VAN18001868
A-18-144	208.00	209.00	1.00	2695806	6LS	0.00	0.00		VAN18001868
A-18-144	209.00	210.03	1.03	2695807	6LS with trace sph	Tr	0.00		VAN18001868
A-18-144	210.03	210.97	0.94	2695808	6LS	0.00	0.00		VAN18001868
A-18-144	210.97	212.00	1.03	2695809	6LS	0.00	0.00		VAN18001868
A-18-144	212.00	213.02	1.02	2695810	6LS	0.00	0.00		VAN18001868
A-18-144	213.02	214.00	0.98	2695811	6LS with trace sph	Tr	0.00		VAN18001868
A-18-144	214.00	215.00	1.00	2695812	6LS	0.00	0.00		VAN18001868
A-18-144			0.00	2695813	BL 115			Blank BL115	VAN18001868
A-18-144	215.00	216.00	1.00	2695814	6LS	0.00	0.00		VAN18001868

					AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-144	73.46	73.86	0.40	2695751	<0.5	6.5	5.1	15	<0.5	859	9.4	4.1	275	1.46	<5	<0.5	3.8	110	<0.5	<0.5	<0.5	<10	9.75	0.022	13.7	3.7	4.73	96	0.003	0.24	<0.01	0.25	<0.5	<0.05	3.5	<0.5	0.51	<5	<2	2.69	1.51
A-18-144	95.10	95.35	0.25	2695752	1.9	76.8	11.1	1169	1.3	1436	49.3	9.2	147	1.84	<5	3.5	6.3	79	6.4	1.5	<0.5	40	5.96	0.797	29	23.7	1.67	225	0.011	0.76	<0.01	0.52	<0.5	0.38	4.7	<0.5	1.53	<5	6	2.66	0.94
A-18-144			0.00	2695753	9.8	32.1	2.4	28	<0.5	917	14.2	4	478	2.59	<5	1.1	3.8	11	<0.5	<0.5	<0.5	19	0.18	0.025	7.4	24.8	0.3	203	0.114	0.67	0.11	0.48	<0.5	<0.05	4.3	<0.5	<0.05	<5	<2	I.S.	0.06
A-18-144	132.18	132.76	0.58	2695754	3	11.6	11.4	9	<0.5	519	14.9	6.3	264	1.23	<5	0.7	3.9	109	<0.5	0.9	<0.5	<10	9.71	0.032	14.2	4.9	3.82	68	0.003	0.28	<0.01	0.24	<0.5	0.07	4.3	<0.5	0.47	<5	<2	2.69	2.19
A-18-144	169.00	170.00	1.00	2695755	0.7	14.8	17.9	29	<0.5	1967	23.1	4.8	240	1.18	<5	0.7	5.2	79	<0.5	0.9	<0.5	<10	6.04	0.023	17.7	6.4	1.83	233	0.003	0.35	<0.01	0.28	<0.5	0.07	3.9	<0.5	0.66	<5	<2	2.68	3.77
A-18-144	170.00	171.00	1.00	2695756	0.9	12.1	15.8	48	<0.5	2176	19	4.7	244	1.18	<5	0.8	5.1	89	<0.5	0.6	<0.5	<10	6.62	0.021	20.9	5.1	1.95	244	0.003	0.32	<0.01	0.26	<0.5	<0.05	4.3	<0.5	0.69	<5	<2	2.69	3.68
A-18-144	171.00	172.00	1.00	2695757	1.2	13.9	18.9	25	<0.5	2856	32.4	7.1	234	1.38	6	1.1	5.3	85	<0.5	1.4	<0.5	<10	6.17	0.021	21.2	5.5	1.93	284	0.004	0.35	<0.01	0.28	<0.5	0.06	4	<0.5	1.02	<5	<2	2.69	3.99
A-18-144	172.00	172.72	0.72	2695758	2.6	17.4	20.8	25	<0.5	5108	31.4	8	187	1.28	9	1.6	5.2	50	<0.5	2.3	<0.5	<10	3.32	0.02	14.8	6.3	1.31	362	0.003	0.33	<0.01	0.26	<0.5	0.16	3.8	<0.5	1.03	<5	<2	2.65	2.27
A-18-144	172.72	173.72	1.00	2695759	1.9	112.9	17.1	57636	0.6	13897	20.4	13.5	181	1.11	<5	3.9	2.6	42	447.6	1.9	<0.5	<10	5.31	0.012	5.6	3.9	0.65	1368	0.002	0.23	<0.01	0.1	<0.5	15.73	3	<0.5	3.8	11	<2	2.8	1.69
A-18-144	173.72	174.32	0.60	2695760	7.4	11.8	21.8	79	<0.5	4204	35.5	7.7	234	1.24	8	1.5	4.3	95	<0.5	2.3	<0.5	24	5.58	0.025	13.8	6	1.49	441	0.003	0.34	<0.01	0.19	<0.5	0.19	3.6	<0.5	1.02	<5	<2	2.66	2.02
A-18-144	174.32	174.59	0.27	2695761	2.8	73.4	18.2	31283	0.6	6881	30.5	9	132	0.99	6	1	4.1	61	267.1	1.9	<0.5	15	2.7	0.045	8.1	6.6	0.9	1060	0.003	0.31	<0.01	0.22	<0.5	7.09	2.6	<0.5	2.36	<5	<2	2.73	1.2
A-18-144	174.59	175.59	1.00	2695762	3.3	9.8	23.6	95	<0.5	2836	27.8	5.9	324	1.55	6	1	3.8	107	<0.5	2.1	<0.5	15	7.57	0.027	12.5	4.6	1.72	361	0.003	0.31	<0.01	0.22	<0.5	0.1	3.2	<0.5	1.15	<5	<2	2.71	3.37
A-18-144			0.00	2695763	3.4	9.8	24.2	82	<0.5	2788	28	6	322	1.59	<5	1	3.4	105	<0.5	2.3	<0.5	14	7.5	0.025	11.6	4.6	1.69	362	0.003	0.28	<0.01	0.21	<0.5	0.09	3	<0.5	1.21	<5	<2	2.71	
A-18-144	175.59	176.59	1.00	2695764	6.7	17.2	27.1	69	<0.5	2810	31.3	6	246	1.29	7	2.1	5.9	73	<0.5	2.6	<0.5	21	5.74	0.042	15.7	5.7	1.55	368	0.003	0.36	<0.01	0.26	1	0.11	4	<0.5	0.87	<5	<2	2.67	2.11
A-18-144	176.59	177.03	0.44	2695765	5.3	13.4	24.9	46	<0.5	17849	27.1	6.4	227	1.14	8	1.8	5.1	79	<0.5	2.4	<0.5	18	5.28	0.015	17.8	5.6	1.39	4367	0.003	0.34	<0.01	0.24	<0.5	0.08	3.6	<0.5	0.81	<5	<2	2.69	1.54
A-18-144	177.03	178.03	1.00	2695766	5.2	12.5	22.6	40	<0.5	2465	22.5	6	253	1.08	6	1.7	5.4	88	<0.5	2.4	<0.5	18	6.84	0.03	20	5.1	1.58	530	0.003	0.32	<0.01	0.25	<0.5	0.08	4	<0.5	0.62	<5	<2	2.65	4.09
A-18-144	178.03	179.00	0.97	2695767	4.2	14	20.9	37	<0.5	1974	20.6	5.2	268	1.19	5	1	5.3	99	<0.5	1.9	<0.5	22	7.72	0.032	17.8	5.6	1.81	255	0.003	0.33	<0.01	0.25	<0.5	<0.05	3.7	<0.5	0.59	<5	<2	2.65	3.73
A-18-144	179.00	179.48	0.48	2695768	1.7	9.5	17.2	31	<0.5	1727	17.7	4	286	1.12	<5	0.8	5.1	109	<0.5	1.4	<0.5	14	8.35	0.063	21	5.3	2.1	235	0.003	0.31	<0.01	0.24	<0.5	<0.05	3.8	<0.5	0.51	<5	<2	2.68	1.78
A-18-144	179.48	180.12	0.64	2695769	9.1	18.2	24.5	147	<0.5	1890	24.6	5.3	226	1.04	<5	1.4	5.5	83	1.1	1.9	<0.5	17	6.47	0.044	17.3	5.3	1.5	268	0.003	0.34	<0.01	0.26	<0.5	<0.05	4.1	<0.5	0.58	<5	<2	2.68	1.94
A-18-144	180.12	181.12	1.00	2695770	1.3	15.3	20.7	29	<0.5	1822	21.8	4.7	192	0.99	<5	0.9	6	61	<0.5	1.1	<0.5	<10	4.48	0.03	18.4	5.6	1.36	230	0.002	0.34	<0.01	0.26	<0.5	0.05	3.8	<0.5	0.54	<5	<2	2.64	3.71
A-18-144	181.12	182.08	0.96	2695771	0.6	11.1	18.8	29	<0.5	1691	17.1	5	236	1.15	<5	0.7	5.4	97	<0.5	0.8	<0.5	<10	7.54	0.038	20.6	5.7	1.9	263	0.002	0.34	<0.01	0.25	<0.5	<0.05	3.7	<0.5	0.6	<5	<2	2.69	2.95
A-18-144	182.08	182.95	0.87	2695772	0.7	9.9	19.1	28	<0.5	1721	15.9	4.8	247	1.06	<5	0.7	5.7	109	<0.5	0.7	<0.5	<10	7.19	0.044	21.7	5.7	2.03	314	0.003	0.34	<0.01	0.26	<0.5	<0.05	4	<0.5	0.51	<5	<2	2.7	3.24
A-18-144			0.00	2695773	23.4	3973.2	16806.4	31386	105.2	700	36.8	25.9	1007	9.29	586	1.1	1.1	39	209.3	159.8	12	36	1.66	0.043	7.3	45.7	1.62	259	0.012	1.38	0.01	0.14	0.7	8.05	3.9	8.6	8.22	7	37	I.S.	0.07
A-18-144	182.95	183.96	1.01	2695774	1.4	8.8	19.2	29	<0.5	1526	15.3	4	371	1.6	<5	0.7	5.2	110	<0.5	1	<0.5	<10	8.81	0.038	21.3	5.4	2.4	225	0.002	0.29	<0.01	0.22	<0.5	<0.05	3.2	<0.5	0.96	<5	<2	2.71	3.91
A-18-144	183.96	184.89	0.93	2695775	2.2	12.8	21.1	131	<0.5	1732	19.7	4.3	265	1.08	<5	0.9	5.9	70	0.7	1.4	<0.5	11	5.84	0.048	18.8	6.7	2.05	226	0.003	0.34	<0.01	0.26	<0.5	0.05	3	<0.5	0.53	<5	<2	2.67	3.67
A-18-144	184.89	185.84	0.95	2695776	2	9.8	25.6	58	<0.5	1547	34.6	4.9	382	1.76	<5	0.8	4.1	158	<0.5	1.8	<0.5	12	12.86	0.028	23.5	5.9	1.87	289	0.002	0.26	<0.01	0.19	<0.5	<0.05	3	<0.5	1.48	<5	<2	2.72	3.14
A-18-144	185.84	186.51	0.67	2695777	3	14.6	20.8	61	<0.5	1630	19.6	5.2	213	0.96	5	0.9	6	69	<0.5	1.7	<0.5	13	5.34	0.043	20.8	6.7	1.74	224	0.003	0.36	<0.01	0.28	<0.5	0.08	3.6	<0.5	0.52	<5	<2	2.68	2.68
A-18-144	186.51	187.15	0.64	2695778	3.6	33.6	16.2	15330	<0.5	1118	14.1	5.4	153	0.72	<5	0.9	3.4	108	123.8	1.4	<0.5	<10	6.27	0.029	11.3	4.6	0.79	178	0.002	0.24	<0.01	0.18	<0.5	2.37	1.8	<0.5	1.16	<5	<2	2.67	2.44
A-18-144	187.15	188.08	0.93	2695779	3.9	14.4	20.2	56	<0.5	1670	22.9	6.1	186	1.05	6	0.9	6.2	45	<0.5	1.4	<0.5	<10	3.29	0.035	22.9	6.2	1.17	243	0.003	0.36	<0.01	0.28	<0.5	0.08	3.2	<0.5	0.65	<5	<2	2.65	3.65
A-18-144	188.08	189.11	1.03	2695780	1.1	14.9	18.8	405	<0.5	1652	18.8	5.4	195	1.12	<5	0.8	5.8	47	2.2	0.9	<0.5	<10	3.42	0.034	16.9	4.7	1.15	246	0.002	0.31	<0.01	0.23	<0.5	0.07	2.7	<0.5	0.74	<5	<2	2.66	3.74
A-18-144	189.11	189.92	0.81	2695781	0.9	19.2	35.9	39	<0.5	1739	23.4	6.7	315	1.65	<5	1	7.4	72	<0.5	1	<0.5	<10	5.25	0.049	25.2	6.9	1.81	245	0.003	0.39	<0.01	0.3	<0.5	0.05	4.1	<0.5	0.99	<5	<2	2.69	3.35
A-18-144	189.92	190.92	1.00	2695782	0.9	14.2	22.5	26	<0.5	1440	18.8	5.1	294	1.34	<5	1.2	5.9	75	<0.5	0.8	<0.5	<10	5.52	0.036	20.3	5.3	1.64	230	0.002	0.32	<0.01	0.24	<0.5	0.06	3.9	<0.5	0.76	<5	<2	2.61	3.71
A-18-144			0.00	2695783	1.9	56.2	3.5	42	<0.5	567	5.8	9.4	442	2.84	<5	0.8	2.5	84	<0.5	<0.5	<0.5	96	0.98	0.062	7.8	11.5	0.72	135	0.142	1.62	0.19	0.21	2.5	<0.05	2.8	<0.5	<0.05	5	<2	I.S.	0.02
A-18-144	190.92	191.92	1.00	2695784	<0.5	9.4	14.4	27	<0.5	1594	16.2	5.1	305	1.27	<5	1.9	6.2	96	<0.5	0.5	<0.5	<10	7.3	0.03	25.6	5.1	2.06	329	0.002	0.34	<0.01	0.25	<0.5	<0.05	3.8	<0.5	0.63	<5	<2	2.62	4.18
A-18-144	191.92	192.92	1.00	2695785	0.6	13	17.2	30	<0.5	1710	22.3	5.3	281	1.11	<5	1.3	6.1	98	<0.5	0.8	<0.5	<10	7.15	0.033	24.2	4.8	1.76	299	0.002	0.31	<0.01	0.22	<0.5	<0.05	3.3	<0.5	0.7	<5	<2	2.63	3.87
A-18-144	192.92	193.82	0.90	2695786	0.7	12.7	16.9	34	<0.5	1942	22.2	5.6	234	1.1	<5	1.7	6.2	82	<0.5	0.7	<0.5	<10	5.84	0.03	23.5	5.8	1.88	319	0.002	0.35	<0.01	0.24	<0.5	0.07	3.4	<0.5	0.73	<5	<2	2.64	3.47
A-18-144	193.82	195.00	1.18	2695787	<0.5	9.6	11.3	29	<0.5	2180	17.2	4	207	0.95	<5	0.9	5.5	106	<0.5	0.5	<0.5	<10	6.11	0.033	18.8	3.7	1.83	316	0.002	0.28	<0.01	0.21	<0.5	<0.05	3.8	<0.5	0.7	<5	<2	2.71	2.4
A-18-144	195.00	196.00	1.00	2695788	0.6	12.3	21	31	<0.5	2395	28.4	6.3	202	1.47	<5	1	5.4	77	<0.5	1	<0.5	<10	5.59	0.047	18.1	6.9	2.09	312	0.002	0.34	<0.01	0.24	<0.5	<0.05	3.7	<0.5	1.35	<5	<2	2.65	3.93
A-18-144	196.00	196.70	0.70	2695789	<0.5	7.8	13	22	<0.5	2541	18.3	3.8	197	1.06	<5	<0.5	4.8	78	<0.5	0.5	<0.5	<10	5.72	0.031	17.5	5.4	1.92	333	0.002	0.28	<0.01	0.2	<0.5	0.06	3.5	<0.5	0.9	<5	<2	2.67	2.64
A-18-144	196.70	197.47	0.77	2695790	2	38.4	29.8	13499	<0.5	3691	49.2	6.7	134	1.41	6	1.3	5.8	47	169.5	1.2	<0.5	13	2.51	0.085	27.9	9.4	0.9	519	0.003	0.44	<0.01	0.27	<0.5	3.95	2.7	<0.5	1.98	<5	<2	2.67	2.56
A-18-144	197.47	198.21	0.74	2695791	<0.5	8.8	11.4	121	<0.5	2892	20.5	4.9	190	1.25	<5	0.6	4.6	64	0.9	0.6	<0.5	<10	4.15	0.031	22.2	5.1	1.97	412	0.002	0.29	<0.01	0.18	<0.5	0.13	2.8	<0.5	1.12	<5	<2	2.69	2.68
A-18-144	198.21	199.01	0.80	2695792	0.5	157.2	13	83218	0.6	1792	15.9	6.6	106	0.75	<5	<0.5	2.4	62	817.1	1.7	<0.5	<10	3.38	0.018	7	5.3	0.87	312	0.002	0.21	<0.01	0.1	<0.5	24.5	1.6	<0.5	4.7	8	<2	2.76	3.17
A-18-144			0.00	2695793	0.6	159.4	12.9	82367	0.6	1767	14.8	7.1	110	0.74	<5	<0.5	2.3	63	802	1.8	<0.5	<10	3.34	0.016	6.9	5.2	0.86	319	0.001	0.2	<0.01	0.1	<0.5	24.61	1.4	<0.5	4.63	9	<2	2.74	<0.01
A-18-144	199.01	200.00	0.99	2695794	1.5	188.6	24.8	113259	0.7	21132	11.8	11.8	106	0.47	<5	1	0.8	670	929.5	2.3	<0.5	16	13.97	0.005	4.3	2.6	0.27	213	0.001	0.09	<0.01	0.04	<0.5	27.46	0.6	<0.5	6.02	7	3	2.89	4.02
A-18-144	200.00	200.65	0.65	2695795	1.2	3.2	8.7	1070	<0.5	601	30.7	1.7	225	0.46	<5	2.1	<0.5	213	13.4	<0.5	<0.5	34	37.81	0.004	2	1.9	0.08	433	<0.001	0.03	<0.01	0.02	<0.5	0.27	1.1	<0.5	0.53	<5	<2	2.62	2.34
A-18-144	200.65	201.24	0.59	2695796	3.1	3.6	12.7	397	<0.5	590	17.9	2	183	0.79	<5	1.8	<0.5	204	4	0.6	<0.5	13	39.32	0.004	2.4	2	0.09	386	<0.001	0.03	<0.01	0.02	<0.5	0.16	0.9	<0.5	0.9	<5	<2	2.67	2.32
A-18-144	201.24	201.78	0.54	2695797	3.3	8.7	31.9	4117	<0.5	9640	15.5	1.6	160	1.32	<5	1.9	<0.5	201	39.4	0.7	<0.5	21	37.68	0.003	2.6	2.4	0.09	1566	<0.001	0.02	<0.01	<0.01	<0.5	0.74	1.3	<0.5	1.77	<5	<2	2.71	1.95
A-18-144	201.78	202.45	0.67	2695798	3.9	2.3	13.5	326	<0.5	793	34.3	1.1	123	0.4	<5	2.2	<0.5	440	2.7	0.6	<0.5	28	37.75	0.003	2.3	2.1	0.19	646	<0.001	0.04	<0.01	0.02	<0.5	0.13	1.3	<0.5	0.45	<5	<2	2.59	2.53
A-18-144	202.45	203.35	0.90	2695799	1.8	1.7	7.1	285	<0.5	405	9.2	0.8	57	0.16	<5	1.9	<0.5	330	1.7	<0.5	<0.5	<10	39.38	0.003	2.6	1.6	0.27	326	<0.001	0.04	<0.01	0.02	<0.5	0.1	0.7	<0.5	0.19	<5	<2	2.61	3.32
A-18-144	203.35	204.00	0.65	2695800	5.8	2.6	21.2	363	<0.5	809	23.4	1.4	56	0.32	6	2	0.7	335	3	0.6	<0.5	12	38.53	0.003	3.7	2.6	0.28	479	<0.001	0.06	<0.01	0.03	<0.5	0.18	1.3	<0.5	0.38	<5	<2	2.63	2.33
A-18-144	204.00	205.00	1.00	2695801	4.8	1.5	29.2	222	<0.5	474	18.3	0.9	61	0.18	<5	2.1	<0.5	327	1.7	<0.5	<0.5	16	39.28	0.002	2.9	2.4	0.29	383	<0.001	0.04	<0.01	0.02	<0.5	0.07	0.9	<0.5	0.19	<5	<2	2.59	3.78
A-18-144	205.00	206.00	1.00	2695802	1.9	0.7	4.3	124	<0.5	345	10.2	<0.5	50	0.07	<5	1.5	<0.5	298	0.7	<0.5	<0.5	13	>40.00	0.003	2.1	1.6	0.25	341	<0.001	0.01	<0.01	<0.01	<0.5	0.09	<0.5	<0.5	0.07	<5	<2	2.62	3.8
A-18-144			0.00	2695803	21.7	3937.5	16473.8	31314	103	671	35.8	25.4	993	9.2	567	1.1	1.1	36	204.8	149.4	11.6	37	1.64	0.048	7	46.3	1.62	241	0.012	1.4	0.01	0.13	0.7	7.85	3.7	8.4	8.12	7	35	I.S.	0.07
A-18-144	206.00	207.00	1.00	2695804	2.6	2.3	8.5	523	<0.5	579	12.1	1.1	59	0.26	<5	1.3	<0.5	286	3.4	<0.5	<0.5	13	39.32	0.004	2.2	1.5	0.2	492	<0.001	0.02	<0.01	0.01	<0.5	0.1	0.5	<0.5	0.26	<5	<2	2.64	3.33
A-18-144	207.00	208.00	1.00	2695805	1.2	0.7	2.7	59	<0.5	535	12.5	0.8	45	0.1	<5	1.5	<0.5	365	<0.5	<0.5	<0.5	16	39.75	0.004	1.8	1.8	0.27	471	<0.001	0.02	<0.01	0.01	<0.5	0.05	0.7	<0.5	0.11	<5	<2	2.66	3.92
A-18-144	208.00	209.00	1.00	2695806	1.6	0.8	9.9	61	<0.5	546	15.8	0.8	39	0.1	<5	2	<0.5	457	<0.5	<0.5	<0.5	21	39.55	0.002	1.5	1.4	0.29	532	<0.001	0.02	<0.01	0.01	<0.5	0.06	0.5	<0.5	0.1	<5	<2	2.63	3.83
A-18-144	209.00	210.03	1.03	2695807	2.4	1.3	2.4	215	<0.5	635	16.5	1	40	0.15	<5	1.7	<0.5	345	1.4	<0.5	<0.5	13	39.65	0.006	2.3	1.8	0.28	428	<0.001	0.03	<0.01	0.02	<0.5	0.1	0.9	<0.5	0.17	<5	<2	2.6	4.1
A-18-144	210.03	210.97	0.94	2695808	1.7	1	2.6	71	<0.5	576	12.6	0.8	50	0.14	<5	1.4	<0.5	620	<0.5	<0.5	<0.5	14	36.46	0.005	2.7	1.7	0.29	524	<0.001	0.03	<0.01	0.02	<0.5	0.06	0.5	<0.5	0.14	<5	<2	2.59	3.69
A-18-144	210.97	212.00	1.03	2695809	1.1	1.8	2.5	10	<0.5	417	11.1	<0.5	36	0.19	<5	1	<0.5	352	<0.5	<0.5	<0.5	11	33.78	0.002	0.8	0.8	0.27	317	<0.001	0.02	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	0.19	<5	<2	2.62	3.91
A-18-144	212.00	213.02	1.02	2695810	2	2.8	3	37	<0.5	435	16.6	0.7	45	0.25	<5	1.4	<0.5	379	<0.5	<0.5	<0.5	13	34.4	0.004	1.7	1.4	0.43	297	<0.001	0.03	<0.01	0.02	<0.5	<0.05	0.5	<0.5	0.26	<5	<2	2.59	3.67
A-18-144	213.02	214.00	0.98	2695811	0.6	1.4	8.9	263	<0.5	268	6.4	<0.5	51	0.13	<5	1	<0.5	398	4	<0.5	<0.5	<10	34.52	0.002	0.7	0.6	0.33	230	<0.001	0.01	<0.01	<0.01	<0.5	0.06	0.6	<0.5	0.14	<5	<2	2.65	3.73
A-18-144	214.00	215.00	1.00	2695812	1.5	1.9	2.2	15	<0.5	324	8.1	0.6	79	0.29	<5	1.1	<0.5	411	<0.5	<0.5	<0.5	<10	34.4	0.002	0.8	0.8	0.36	236	<0.001	0.02	<0.01	<0.01	<0.5	<0.05	0.8	<0.5	0.27	<5	<2	2.7	3.81
A-18-144			0.00	2695813	9.7	30.8	2.3	28	<0.5	951	14.1	3.5	445	2.41	<5	1.1	3.6	7	<0.5	<0.5	<0.5	20	0.2	0.023	7.1	22.8	0.27	199	0.11	0.61	0.08	0.46	<0.5	<0.05	4	<0.5	<0.05	<5	<2	I.S.	0.06
A-18-144	215.00	216.00	1.00	2695814	1	2	2.2	40	<0.5	460	4.8	<0.5	156	0.34	<5	1.1	<0.5	412	<0.5	<0.5	<0.5	<10	32.23	0.01	2.7	0.8	0.29	309	<0.001	0.02	<0.01	<0.01	<0.5	<0.05	1	<0.5	0.27	<5	<2	2.66	4.01

HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE
A-18-144	216.00	216.90	0.90	2695815	6LS	0.00	0.00		VAN18001868
A-18-144	216.90	217.75	0.85	2695816	6SH - Veined Contact	0.00	0.00		VAN18001868
A-18-144	217.75	218.68	0.93	2695817	6SH	0.00	0.00		VAN18001868
A-18-144	218.68	219.60	0.92	2695818	6SH	0.00	0.00		VAN18001868
A-18-144	219.60	220.60	1.00	2695819	6SH	0.00	0.00		VAN18001868
A-18-144	220.60	221.63	1.03	2695820	6SH	0.00	0.00		VAN18001868
A-18-144	221.63	222.64	1.01	2695821	6SH - End of Sampling Run	0.00	0.00		VAN18001868
A-18-144	267.33	268.35	1.02	2695822	Disrupted shale as per description	0.00	100.00		VAN18001868
A-18-144			0.00	2695823	Coarse Dup			Coarse Dup of 2695822	VAN18001868
A-18-144	268.35	269.22	0.87	2695824	Massive black shale	0.00	100.00		VAN18001868
A-18-144	269.22	270.01	0.79	2695825	Graded bed of pyritized pebbles, laminated brassy yellow pyrite, and massive yellow pyrite	20.00	0.00		VAN18001868
A-18-144	270.01	270.96	0.95	2695826	Massive black shale	0.00	100.00		VAN18001868
A-18-144	270.96	271.98	1.02	2695827	Massive black shale	0.00	100.00		VAN18001868
A-18-144	275.08	275.64	0.56	2695828	Laminated black shale with 1cm wide brassy yellow pyrite bed	2.00	98.00		VAN18001868
A-18-144	284.29	285.19	0.90	2695829	Laminated black shale with minor pyrite-carb altered laminations	Tr	100.00		VAN18001868
A-18-144	287.86	288.89	1.03	2695830	Laminate black shale with minor pyrite-carb altered laminations	Tr	0.00		VAN18001868
A-18-144	295.95	297.01	1.06	2695831	Laminated black shale with minor <1cm concretions and minor qtz-carb veining	Tr	0.00		VAN18001868

					AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-144	216.00	216.90	0.90	2695815	0.9	1.6	2	11	<0.5	258	4.8	0.6	153	0.41	<5	0.7	<0.5	443	<0.5	<0.5	<0.5	<10	34.62	0.003	1	1	0.3	189	<0.001	0.02	<0.01	0.01	<0.5	<0.05	<0.5	<0.5	0.32	<5	<2	2.66	3.53
A-18-144	216.90	217.75	0.85	2695816	10.4	26.9	20.2	33	<0.5	6952	52	6.1	80	1.95	15	1.6	4.5	63	<0.5	5.5	<0.5	40	1.27	0.047	9.2	7.5	0.05	685	0.002	0.37	<0.01	0.24	<0.5	0.11	2.1	0.6	1.91	<5	2	2.61	3.45
A-18-144	217.75	218.68	0.93	2695817	11.9	39	17.5	13	0.5	4891	54.3	6.8	106	2.13	17	1.8	5.3	91	<0.5	10.4	<0.5	41	1.47	0.044	10.2	7.9	0.08	614	0.002	0.44	<0.01	0.26	<0.5	0.08	2.3	0.9	2.15	<5	<2	2.63	2.99
A-18-144	218.68	219.60	0.92	2695818	19.4	45.4	26.8	12	0.7	4442	68.1	9.1	80	2.72	22	2.3	5.6	41	<0.5	9.3	<0.5	30	0.62	0.049	10.7	8.5	0.08	506	0.002	0.47	<0.01	0.31	<0.5	0.22	2.2	0.9	2.94	<5	<2	2.63	3.49
A-18-144	219.60	220.60	1.00	2695819	16.7	43.9	24.1	14	0.8	4346	59.1	9.2	55	2.05	20	1.9	6.1	24	<0.5	10.1	<0.5	27	0.36	0.051	11.7	6.6	0.05	449	0.002	0.45	<0.01	0.29	<0.5	0.22	2.1	0.8	2.29	<5	<2	2.59	3.2
A-18-144	220.60	221.63	1.03	2695820	13.1	39.7	17.6	23	0.9	3768	61.5	7.6	104	2.5	17	1.6	5.9	57	<0.5	11.3	<0.5	69	0.78	0.051	14.6	13.8	0.07	662	0.003	0.73	<0.01	0.43	<0.5	0.12	2.7	0.7	2.39	<5	4	2.62	3.92
A-18-144	221.63	222.64	1.01	2695821	10.1	37.8	18.6	12	0.8	3838	52.2	7.6	75	2.27	16	1.4	6	49	<0.5	9.6	<0.5	31	0.65	0.055	11	6.9	0.06	441	0.002	0.46	<0.01	0.29	<0.5	0.13	2.5	0.6	2.44	<5	<2	2.62	4.07
A-18-144	267.33	268.35	1.02	2695822	121.6	58.9	15.6	51	<0.5	444	145.6	12.2	274	3.8	42	25.5	3.8	276	<0.5	11.3	<0.5	148	4.78	0.06	7.3	26.6	1.32	72	0.003	1.85	<0.01	0.18	<0.5	0.1	3.9	1.2	1.68	<5	5	2.44	3.3
A-18-144			0.00	2695823	122.7	62.9	15.4	50	<0.5	461	148.8	13.6	275	3.77	42	25.4	3.9	266	<0.5	11.9	<0.5	147	4.6	0.063	7.3	25.1	1.29	70	0.002	1.79	<0.01	0.17	<0.5	0.11	3.8	1.3	1.69	<5	4	2.44	
A-18-144	268.35	269.22	0.87	2695824	168.2	46.4	16.5	24	<0.5	910	159	17.3	50	2.29	29	34	4.8	24	<0.5	13.9	<0.5	57	0.4	0.053	8.6	11.6	0.39	109	0.002	0.88	<0.01	0.25	<0.5	0.13	2.6	1.6	1.72	<5	4	2.44	3.09
A-18-144	269.22	270.01	0.79	2695825	67.8	135.7	19.5	50	<0.5	797	115.1	10.1	119	6.25	40	13.3	4.4	96	<0.5	11.9	<0.5	41	1.71	0.045	4.7	7.8	0.24	106	0.002	0.63	<0.01	0.2	<0.5	0.14	2	1	6.52	<5	6	2.62	3.03
A-18-144	270.01	270.96	0.95	2695826	32.4	40.3	24.9	21	0.5	808	72.9	6.6	81	3.38	33	4.7	4	53	<0.5	12	<0.5	33	0.91	0.037	7.2	7.5	0.23	104	0.002	0.62	<0.01	0.21	<0.5	0.15	1.8	0.6	3.27	<5	<2	2.56	2.95
A-18-144	270.96	271.98	1.02	2695827	33.5	36.9	24	37	<0.5	1019	78.3	7.7	76	2.8	29	4	4.5	35	<0.5	11.8	<0.5	38	0.56	0.044	9	8.9	0.22	276	0.002	0.66	<0.01	0.25	<0.5	0.1	2.2	0.6	2.52	<5	<2	2.61	3.32
A-18-144	275.08	275.64	0.56	2695828	38.3	39.2	21.1	21	<0.5	953	91.4	8.2	59	2.43	42	6.1	6.9	28	<0.5	11.5	<0.5	49	0.44	0.093	14.2	9.3	0.2	117	0.002	0.67	<0.01	0.24	<0.5	0.11	2.1	0.9	2.17	<5	2	2.59	2.08
A-18-144	284.29	285.19	0.90	2695829	45.5	33.3	24.9	30	0.8	790	45.1	7.3	125	3.67	25	5.3	4.2	77	<0.5	13.7	<0.5	51	1.39	0.043	8.9	13.1	0.5	110	0.002	1.01	<0.01	0.23	<0.5	0.12	2.7	<0.5	2.95	<5	<2	2.59	3.69
A-18-144	287.86	288.89	1.03	2695830	35.7	44.8	12	1804	1.1	912	82.9	7.4	60	1.75	19	5.4	5.2	24	21.7	11.4	<0.5	155	0.37	0.044	12.5	10.1	0.24	129	0.002	0.73	<0.01	0.25	<0.5	0.19	2.1	1	1.27	<5	13	2.53	3.76
A-18-144	295.95	297.01	1.06	2695831	14.8	25.2	7.9	216	2.3	745	50.7	5.3	205	1.92	9	1.6	3.8	280	3.1	6.7	<0.5	84	4.7	0.061	10.6	19.3	0.43	101	0.002	0.89	<0.01	0.2	<0.5	0.08	2.6	<0.5	0.9	<5	7	2.52	3.69

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-18-144	0.00		231	-58.1		Collar	Yes	
A-18-144	11.28	213.3	231.8	-58	5727	Reflex	Yes	
A-18-144	55.17	211.2	229.7	-58.1	5680	Reflex	Yes	
A-18-144	100.89	211.6	230.1	-56.8	5682	Reflex	Yes	
A-18-144	146.61	212.6	231.1	-56	5680	Reflex	Yes	
A-18-144	192.33	213.4	231.9	-55.5	5743	Reflex	Yes	
A-18-144	283.77	209.9	228.4	-54.8	5676	Reflex	Yes	
A-18-144	308.16	211.1	229.6	-54.6	5677	Reflex	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A18-144	9.45	12.50	3.05	2.52	82.62	1.07	35.08						
A18-144	12.50	15.54	3.04	2.59	85.20	0.26	8.55						
A18-144	15.54	18.59	3.05	2.8	91.80	0.82	26.89						
A18-144	18.59	21.64	3.05	2.76	90.49	0.9	29.51						
A18-144	21.64	24.69	3.05	2.39	78.36	0.59	19.34						
A18-144	24.69	27.74	3.05	3	98.36	1.86	60.98						
A18-144	27.74	30.78	3.04	2.98	98.03	1.42	46.71						
A18-144	30.78	33.83	3.05	2.58	84.59	1.35	44.26						
A18-144	33.83	36.88	3.05	2.89	94.75	2.14	70.16						
A18-144	36.88	39.93	3.05	2.64	86.56	1.02	33.44						
A18-144	39.93	42.98	3.05	2.01	65.90	0.3	9.84						
A18-144	42.98	46.02	3.04	2.49	81.91	0.98	32.24						
A18-144	46.02	49.07	3.05	2.52	82.62	0.85	27.87						
A18-144	49.07	52.12	3.05	2.58	84.59	0.25	8.20						
A18-144	52.12	55.17	3.05	2.58	84.59	0.58	19.02						
A18-144	55.17	58.22	3.05	2.98	97.70	2.13	69.84						
A18-144	58.22	61.26	3.04	2.95	97.04	2.31	75.99						
A18-144	61.26	64.31	3.05	3.03	99.34	2.84	93.11						
A18-144	64.31	67.36	3.05	2.78	91.15	2.21	72.46						
A18-144	67.36	70.41	3.05	3.05	100.00	2.73	89.51						
A18-144	70.41	73.46	3.05	2.76	90.49	2.57	84.26						
A18-144	73.46	76.50	3.04	2.96	97.37	2.68	88.16						
A18-144	76.50	79.55	3.05	2.72	89.18	2.45	80.33						
A18-144	79.55	82.60	3.05	2.96	97.05	2.18	71.48						
A18-144	82.60	85.65	3.05	2.47	80.98	1.42	46.56						
A18-144	85.65	88.70	3.05	2.72	89.18	1.84	60.33						
A18-144	88.70	91.74	3.04	2.8	92.11	2.33	76.64						
A18-144	91.74	94.79	3.05	3.05	100.00	2.84	92.95						
A18-144	94.79	97.84	3.05	2.79	91.48	2.755	90.33						
A18-144	97.84	100.89	3.05	2.81	92.13	2.54	83.28						
A18-144	100.89	103.94	3.05	3.02	99.02	2.9	95.08						
A18-144	103.94	106.98	3.04	2.78	91.45	1.31	43.09						
A18-144	106.98	110.03	3.05	2.87	94.10	2.02	66.23						
A18-144	110.03	113.08	3.05	2.49	81.64	1.53	50.16						
A18-144	113.08	116.13	3.05	2.96	97.05	2.34	76.72						
A18-144	116.13	119.18	3.05	2.48	81.31	1.15	37.70						
A18-144	119.18	122.22	3.04	3	98.68	2.565	84.38						
A18-144	122.22	125.27	3.05	2.97	97.38	2.46	80.66						
A18-144	125.27	128.32	3.05	2.52	82.62	1.66	54.43						
A18-144	128.32	131.37	3.05	2.825	92.62	2.16	70.82						
A18-144	131.37	134.42	3.05	2.94	96.39	2.52	82.62						
A18-144	134.42	137.46	3.04	2.86	94.08	2.5	82.24						
A18-144	137.46	140.51	3.05	2.99	98.03	2.61	85.57						
A18-144	140.51	143.56	3.05	2.58	84.59	1.87	61.31						
A18-144	143.56	146.61	3.05	3	98.36	2.645	86.72						
A18-144	146.61	149.66	3.05	2.92	95.74	2.57	84.26						
A18-144	149.66	152.70	3.04	3.02	99.34	2.74	90.13						
A18-144	152.70	155.75	3.05	2.93	96.07	2.61	85.57						
A18-144	155.75	158.80	3.05	3.05	100.00	2.72	89.18						
A18-144	158.80	161.85	3.05	2.88	94.43	2.31	75.74						
A18-144	161.85	164.90	3.05	3.05	100.00	2.95	96.72						
A18-144	164.90	167.94	3.04	2.97	97.70	2.13	70.07						

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A18-144	167.94	170.99	3.05	3	98.36	2.61	85.57						
A18-144	170.99	174.04	3.05	2.22	72.79	1.4	45.90						
A18-144	174.04	177.09	3.05	2.41	79.02	0.45	14.75						
A18-144	177.09	180.14	3.05	2.88	94.43	1.66	54.43						
A18-144	180.14	183.18	3.04	2.99	98.36	2.5	82.24						
A18-144	183.18	186.23	3.05	2.81	92.13	1.77	58.03						
A18-144	186.23	189.28	3.05	2.93	96.07	1.51	49.51						
A18-144	189.28	192.33	3.05	2.99	98.03	1.98	64.92						
A18-144	192.33	195.38	3.05	2.52	82.62	0.71	23.28						
A18-144	195.38	198.42	3.04	2.86	94.08	0.98	32.24						
A18-144	198.42	201.47	3.05	2.89	94.75	2.19	71.80						
A18-144	201.47	204.52	3.05	2.88	94.43	2.51	82.30						
A18-144	204.52	207.57	3.05	2.98	97.70	2.88	94.43						
A18-144	207.57	210.62	3.05	3.1	101.64	3.05	100.00						
A18-144	210.62	213.66	3.04	2.98	98.03	2.8	92.11						
A18-144	213.66	216.71	3.05	3.04	99.67	2.7	88.52						
A18-144	216.71	219.76	3.05	2.77	90.82	2.35	77.05						
A18-144	219.76	222.81	3.05	2.8	91.80	2.27	74.43						
A18-144	222.81	225.86	3.05	2.03	66.56	0.32	10.49						
A18-144	225.86	228.90	3.04	2.33	76.64	0.58	19.08						
A18-144	228.90	231.95	3.05	2.54	83.28	0.22	7.21						
A18-144	231.95	235.00	3.05	2.6	85.25	0.57	18.69						
A18-144	235.00	238.05	3.05	2.64	86.56	1.06	34.75						
A18-144	238.05	241.10	3.05	2.79	91.48	1.91	62.62						
A18-144	241.10	244.15	3.05	2.33	76.39	1.07	35.08						
A18-144	244.15	244.75	0.60	0.48	80.00	0.13	21.67						
A18-144	244.75	247.19	2.44	1.46	59.84	0.21	8.61						
A18-144	247.19	250.24	3.05	1.81	59.34	0.2	6.56						
A18-144	250.24	253.29	3.05	1.78	58.36	0	0.00						
A18-144	253.29	256.34	3.05	2.46	80.66	0.88	28.85						
A18-144	256.34	259.38	3.04	2.9	95.39	1.52	50.00						
A18-144	259.38	262.43	3.05	2.9	95.08	1.91	62.62						
A18-144	262.43	265.48	3.05	3.05	100.00	3.05	100.00						
A18-144	265.48	268.53	3.05	2.95	96.72	2.85	93.44						
A18-144	268.53	271.58	3.05	2.82	92.46	2.6	85.25						
A18-144	271.58	274.62	3.04	2.93	96.38	2.53	83.22						
A18-144	274.62	277.67	3.05	2.81	92.13	2.1	68.85						
A18-144	277.67	280.72	3.05	2.68	87.87	1.94	63.61						
A18-144	280.72	283.77	3.05	2.68	87.87	1.98	64.92						
A18-144	283.77	286.82	3.05	2.75	90.16	1.96	64.26						
A18-144	286.82	289.86	3.04	2.6	85.53	1.63	53.62						
A18-144	289.86	292.91	3.05	2.48	81.31	1.43	46.89						
A18-144	292.91	295.96	3.05	2.25	73.77	0.79	25.90						
A18-144	295.96	299.01	3.05	2.82	92.46	1.49	48.85		9		1		1
A18-144	299.01	302.06	3.05	2.75	90.16	1.17	38.36						
A18-144	302.06	305.10	3.04	2.1	69.08	0.29	9.54						
A18-144	305.10	308.15	3.05	2	65.57	0.4	13.11						
A18-144	308.15	309.68	1.53	0.8	52.29	0.1	6.54						

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION	
CS		CASING	
911		Missing core	
2SST	**WARNEFORD FORMATION**	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.	
3SH	**AKIE FORMATION**	Shale	
3RB	**AKIE FORMATION**	Ribbon Bedded Cherts?	Poorly Defined
3BX	**AKIE FORMATION**	Breccia	Poorly Defined
3SS	**AKIE FORMATION**	Sandstone	Poorly Defined
3DSH	**AKIE FORMATION**	Medium/dark grey to black, moderately soft mudstone with wispy, discontinuous, well laminated, fine pyrite	
3BDSH	**AKIE FORMATION**	Black to dark grey, bedded shale with beds convoluted and pinching and swelling at variable orientations TCA.	
3SH	**AKIE FORMATION**	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.	
4SH	**GUNSTEEL FORMATION**	Black, graphitic shales with disseminated vfg pyrite	
4SS	**GUNSTEEL FORMATION**	Dark grey to black fg siltstones	
4FSH	**GUNSTEEL FORMATION**	Fragmental shale with variably sized fragments and clasts composed of shale, siltstone, etc.	
4PYSH	**GUNSTEEL FORMATION**	Laminated pyrite with nodular Barite beds interbedded with black shales	
4BSH	**GUNSTEEL FORMATION**	Nodular barite beds interbedded with black shales and weak-very weak laminated pyrite.	
4MBSH	**GUNSTEEL FORMATION**	Laminated to Massive bedded barite with minor nodular barite	
4CSH	**GUNSTEEL FORMATION**	Laminated chert beds interbedded with black shales	
4MPSH	**GUNSTEEL FORMATION**	Bedded Pyrite with minor Sp and Pb interbedded with black shales	
4CC	**GUNSTEEL FORMATION**	Laminated massive sulphides of steel grey to amber sphalerite, galena and pyrite interbedded with black shales	
4MS	**Gunsteel Formation**	Semi-massive to crudely layered sulphide lens	
4LPSH	**Gunsteel Formation**	Laminar bedded Pyrite, irregular concretions, and interbedded shale	
4LBSH	**Gunsteel Formation**	Nodular to Laminar bedded Barite, irregular concretions, and interbedded shale	

AKIE LITHOLOGY LEGEND

5SS	**Paul River Formation**	Black, carbonaceous to siliceous argillite interbedded with abundant light grey calcareous siltstones & debris flow beds.
5SH	**Paul River Formation**	Black, carbonaceous to siliceous mudstone/shale interbedded with pyritic siltstone beds to abundant debris flow beds.
5LS	**Paul River Formation**	Non fossiliferous limestone
5BLS	**Paul River Formation**	Fossiliferous, bioclastic limestone
5BXLS	**Paul River Formation**	Brecciated limestone, or a debris flow containing limestone, siltstone and or shale fragments
6SS	**ROAD RIVER GROUP**	Siltstone
6CSS	**ROAD RIVER GROUP**	Generally well beddded calcareous to dolomitic siltstone
6SH	**ROAD RIVER GROUP**	Shale/mudstones
6LS	**ROAD RIVER GROUP**	Limestone
7SH	**ROAD RIVER GROUP**	Black Graptolitic Shale

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
FA-UP	Fold Axis-Hinge Uphole
FA-Down	Fold Axis-Hinge Downhole
FA-Z	Fold Axis in apparent z fold
FA-S	Fold Axis in apparent s fold
FA-W	Fold Axis in apparent w fold
FA-M	Fold Axis in apparent m fold
CLV	Cleavage
T-UP	Topping direction uphole
T-DOWN	Topping direction downhole

ALTERATION

SILC	Siliceous alteration
CARB	Carbonate alteration (present in the form of calcite or abundant carbonate veining (stringers and veinlets)

GROUP & FORMATION

WRF	**WARNEFORD FORMATION**
AKF	**AKIE FORMATION**
GSF	**GUNSTEEL FORMATION**

	AKIE LITHOLOGY LEGEND
PRF	**PAUL RIVER FORMATION**
RRG	**ROAD RIVER GROUP**

ZINCX RESOURCES
TSX.V: ZNX

Akie Property

Drill Hole # A-18-145

Date	02-07-2018	Logger	S. Bartlett

Collar Orientation

Proposed	
Azimuth	231
Dip	-44
Length (m)	215

Actual	
Azimuth	231
Dip	-44.1
Length (m)	198.12

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6361764
Easting (m)	392130
Elevation (m)	1669
Grid Section	4350S

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ
Date Started	26-Jun-18
Date Completed	05-Jul-18
Capped	Yes
Casing	Yes
Drilled Units	Imperial (converted to metric)

Purpose: Testing Sitka showing at shallow dip

Comments: The magnetic declination for 2018 18.5 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	231	-44.1
14.02	232.9	-44.3
59.74	230.5	-44.2
105.46	230.8	-45
151.18	229.7	-44.6
198.12	230.8	-44.5

Hole Summary: The hole collars into well laminated, variably calcareous siltstone of the Road River Group. This siltstone is interbedded with black, moderately soft, lenticular shale also of the Road River Group for the majority of the hole until the contact with moderately soft, black shale of the underlying Akie Formation at 175.88m. Bedding is markedly consistent throughout the hole generally varying from 45 to 50 degrees TCA. The only exception to this being broad, open folding which begins in the final four metres towards EOH. Mineralization in the hole is characterized by 1cm to 10cm wide qtz-carbonate-sphalerite veins variably distributed from 148.13m to 176.12m. In general, sphalerite veining is associated with a dark grey/blue qtz-rich generation which is also spatially coicident with white qtz-carbonate. There are three distinct varieties of sphalerite within these veins: red coarse (<1cm) sphalerite, brown/tan sphalerite (generally occurring insterstitial to or at the margins of red spahlerite, and a pale yellow sphalerite that occurs by itself.

	A	B	C	D	E	F	G	H	I
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**LITHOLOGY**	**DESCRIPTION**	**PRIM LITHO CODE**	**SEC LITHO CODE**	**GRP/FORM**
2	A-18-145	0.00	7.62	7.62	Casing	Casing/Overburden	CS		CS
3	A-18-145	7.62	26.79	19.17	Well laminated to variably deformed, light to dark grey siltstone	Dark grey, variably calcareous, siltstone with wispy, wavy black/silty lamina and siltstone nodules that pinch and swell parallel to bedding. From 14.02m to 14.25m is a white qtz-carb vein orientated at 150 degrees TCA. Bioturbation (possible zoophycus) is present from 23.46m to 23.78m. From 24.60m towards the lower contact, the size of the pinching and swelling silty nodules decreases as the overall mud content increases. A small interval of mudstone is present from 25.90m to 26.21m. Cross bedding is present at 26.70m. Bedding and cleavage vary from 55 to 60 degrees TCA in the unit. The lower contact with the underlying mudstone is sharp and coincident with an approx. 30cm wide light grey calcareous concretions which is followed by a fault.	6CSS		RRG
4	A-18-145	26.79	34.60	7.81	Moderately hard, black lenticular mudstone	Moderately hard, black mudstone with 2mm to 1cm wide lenses that pinch out at their ends parallel to bedding. Lenses are either light grey, moderately soft, and calcareous with white speckles or grey and very hard (cherty). The unit is visually distinct due to the frequency of hairline to 3mm wide, discontinuous white carbonate veins that cut lenses/bedding at 70 to 100 degrees TCA. <1cm wide and generally 1mm to 4mm wide brassy yellow pyrite-carbonate blebs are randomly distributed throughout. At 28.04m one of these blebs is rotated showing a sinistral shear sense.	6SH		RRG
5					Contd.	From 30.10m to 30.83m, is an interval of massive light grey limestone with <1mm white grains supported by a light grey mud matrix (wackestone). The unit is heavily faulted/fractured throughout with low RQD, the exception to this being the limestone interval. The lower contact is gradational with the frequency and width of silty lamina increasing from 33.32m towards the lower contact at 34.60m.			
6	A-18-145	34.60	55.62	21.02	Well laminated light to dark grey siltstone	Light to dark grey variably laminated siltstone with two dominant textures: a light grey/black thinly to thickly laminated siltstone and a light grey generally massive siltstone with wispy, discontinuous, hairline, black laminae. The thinly laminated siltstone is present until 41.36 m. From 35.58m to 41.36m, the silt content of the unit increases as does the width of silty/muddy laminae from <2mm to <5mm. This increase in silt content is coincident with the appearance of hairline to 3mm wide qtz-carb-pyrobitumen veins that cut siltstone laminae at a perpendicular angle. These veins also end at 41.36m where the texture of the rock returns to a more massive light grey siltstone with wavy, discontinuous, hairline black laminae.	6CSS		RRG
7						From 41.36m to 45.65m, sparse <1cm wide qtz-carb veins with white qtz-carb cored by dark grey qtz are present orientated at 130 degrees TCA. The unit is fractured/faulted throughout and where faulting is the heaviest brown/tan surficial alteration is present. The lower contact is gradational with a gradual increase in both the frequency and width of muddy black laminations beginning at 52.80m and continuing to the lower contact at 52.65m.			
8	A-18-145	55.62	59.23	3.61	Moderately hard, black lenticular shale	Moderately hard, black mudstone with 2mm to 1cm wide lenses that pinch out at their ends that are parallel to bedding. Lenses are either light grey, moderately soft, and calcareous with white speckles or grey and very hard (cherty). Blebby <1mm wide by 3mm long pyrite-carbonate blebs occur along cleavage planes throughout they interval. The lower contact is relatively sharp and marked by an increase in silty laminations over the final 10cm of the interval.	6SH		RRG
9	A-18-145	59.23	175.88	116.65	Light to dark grey, variably planar laminated to crenulated, variably calcareous, commonly bioturbated muddy siltstone with minor black lenticular shale	Light to dark grey variably laminated, variably calcareous siltstone with two dominant textures: a light grey/black thinly to thickly laminated siltstone and a light grey generally massive siltstone with wispy, discontinuous, hairline, black laminae. Occasionally the siltstone laminae are crenulated, pinching and swelling parallel to bedding and bioturbation is often present in these areas. The siltstone generally varies on a metre scale. The siltstone is interbedded with 1m to 3m intervals of black lenticular shale with 2mm to 1cm wide lenses that pinch out at their ends that are parallel to bedding. Lenses are either light grey, moderately soft, and calcareous with white speckles or grey and very hard (cherty). The light grey lenses are often cut by <3mm, white carbonate veins that start and end where the lenses contact with the shale.	6CSS	6SH	RRG
10					Contd.	Generally the contacts between the siltstone and shale are relatively sharp marked by an increase of silt content in the final 10cm of the siltstone. The shale is more heavily veined than the siltstone with frequent, variably orientated, discontinuous hairline to <1cm white carb-qtz +/-pyrite veins. 1mm to 4mm, brassy yellow pyrite-carbonate patches are present throughout but are most abundant from 61.85m to 69.07m. From 85.0m to 96.52m the unit is heavily faulted/fracture. Bedding throughout varies from 45 to 60 degrees TCA with the majority of bedding at 50 to 55 degrees TCA. Occassional brassy yellow pyrite forms wispy, discontinuous laminations in both the shale and siltstone. At 87.61m, and angular piece of broken siltstone appears to be depressing siltstone lamina suggests Tops Uphole.			

	A	B	C	D	E	F	G	H	I
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**LITHOLOGY**	**DESCRIPTION**	**PRIM LITHO CODE**	**SEC LITHO CODE**	**GRP/FORM**
11	A-18-145				Contd.	At 94.49m is a minor fault with 5mm dextral displacement of a siltstone lamina. Occassional 5mm to 1cm wide qtz-carb veins with white qtz-carb cored by dark grey qtz are orientated at 90 to 110degrees TCA (e.g. 75.21m and 101.97m). The last occurrence of lenticular shale is a 110.38m. From 128.15m to 131.37m, the siltstone is texturally variable over cm intervals varying from crenulated to planar laminated with frequent mud beds that often contain worm burrows (128.06m and 129.13m). The lithology of the unit continues much the same from 131.7m to 148.13m though the unit is heavily faulted in this zone. Beneath a fault from 147.86m to 148.13m, is a zone of qtz-carb-sphalerite veining from 148.13m to 148.76m. From 148.13m to 148.23m is a 10cm wide vein of red/brown coarse interlocking sphalerite and grey/blue quartz the trends at 50 to 60 degrees TCA.			
12					Contd.	This vein is rimmed at the margins by white carbonate. Extending out from this vein are 1-3mm wide, undulating, carbonate-sphalerite veins orientated at 140 degrees TCA. From 148.42 to 148.76m, are a set of four, 1cm to 2cm wide grey/blue and white qtz + sphalerite veins orientated at 110 to 130 degrees TCA. Sphalerite throughout this mineralized zone is both a deep red and a tan brown with the tan/brown sphalerite often appearing to rim the red sphalerite. Beneath these mineralized veins from 149.30m to 150.62m, are present sparse < 1cm wide, white qtz-carbonate veins orientated at 90 to 110 degrees TCA.			
13	A-18-145				Contd.	From 157.00m towards the lower contact at 175.72m, the overall silt content of the unit increases and there is a slight colour change to a light grey/white silt. The unit continues to be variously calcareous throughout with the carbonate content varying on a metre scale. Red/brown sphalerite veining occurs in a 4cm wide vein orientated at 90 degrees TCA at 159.62m. This vein contains both grey/blue quartz and white carbonate. Other sphalerite veins occur from 163.49m to 163.63m and 163.79m to 163.80m. Of particular note is the vein from 163.49m to 163.63m which is predominantly carbonate material with white and grey carbonate that contains hairline black lines within vein material. This vein has a <2mm wide black margin along its upper and lower contacts with v.f.g. pyrite dusting this black margin.			
14					Contd.	Similar generally unmineralized qtz-carbonate veins with black margins occur from 163.97m to 164.61m, occurring as 3mm to 1cm wide veins orientated at 90 degrees TCA. At the margin of one of these veins at 164.0m are two <2mm patches of red/brown sphalerite. Within a fault from 165.0 to 166.26m, is a 1cm zone of qtz-carbonate vein brecciation that also contains some sporadic <2mm crystals of a light yellow, opaque mineral (sphalerite - a different generation?). A vein occurs at the end of this fault at 166.26m, that is 1cm wide and contains 20% of this same light yellow, opaque sphalerite. From 168.14m to 168.92m, is another zone of qtz-carbonate-sphalerite veining. Sphalerite is red/brown again with the dominant vein mineral being dark grey/blue qtz with a minor amount of white carbonate.			
15	A-18-145				Contd.	Veins are orientated at 90 degrees TCA and generally increase in size to the base of this zone from 1cm to the final interval which is 10cm wide. Again, red sphalerite is dominant with a minor amount of tan/brown sphalerite often riming red sphalerite and occurring within coarse zones of pure sphalerite. Other mineralized veins occur sporadically throughout. From 175.30m to 175.45m is a zone of silica alteration. The upper contact of this zone of silica (?) alteration is sharp and defined by a 2cm wide qtz-carb-sphalerite vein orientated at 90 degrees TCA. The lower boundary is more diffuse with a gradual decrease in alteration intensity over the final 5cm.			
16					Contd.	Within this silica altered zone are four generations of veining. In order from oldest to youngest based on cross cutting relationships they are: 1. White qtz, wavy to planar orientated at 50 degrees TCA, 2. qtz-carbonate-sphalerite veining orientated at 90 degrees TCA, 3. hairline grey qtz veins orientated at 160 degrees TCA, 4. qtz-carbonate veins orientated at 150 degrees TCA. The lower contact of the unit is faulted with a 10cm vein followed by a zone of faulting/veining. Bedding/cleavage steepen towards the base of the unit ending at 65 degrees TCA.			

	A	B	C	D	E	F	G	H	I
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**LITHOLOGY**	**DESCRIPTION**	**PRIM LITHO CODE**	**SEC LITHO CODE**	**GRP/FORM**
17	A-18-145	175.88	198.12	22.24	Moderately soft, black shale with frequent silty laminations/beds	The unit comprises a moderately soft, black shale with frequent light to dark grey silty laminations/beds. From 179.60m to 180.70m, the unit is frequently veined by discontinuous hairline carbonate veins and appears to have some fragments and clasts throughout. The final 10cm towards 180.70m, is a pebble/cobble bed with <4cm sub rounded to rounded clasts in a white-carbonate (altered?) matrix. From 180.70m onwards the frequency of silty laminations and their width begins to increase and by 184.0m the rock forms a banded texture with 1mm to 1cm dark grey silty laminations/beds within the otherwise massive black shale (i.e. 50% light grey laminations/beds and 50% shale). Two large > 10cm concretions are present from 183.04m to 183.18m and from 187.58m to 188.92m. Bedding in the interval is consistently 55 to 60 degrees TCA until 194.00m where it quickly shallows to 23 degrees TCA. From here to the EOH bedding varies on a metre scale with a few broad, open folds visible (e.g. 197.56m).Some silty laminations towards the EOH are replaced by pyrite-carbonate.	3SH		AKF

	A	B	C	D	E	F	G	H	I	J	K
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**PY %**	**SP %**	**GA %**	**BA %**	**CP %**	**PO %**
2	A-18-145	148.13	148.76	0.63	Beneath a fault from 147.86m to 148.13m, is a zone of qtz-carb-sphalerite veining from 148.13m to 148.76m. From 148.13m to 148.23m is a 10cm wide vein of red/brown coarse interlocking sphalerite and grey/blue quartz the trends at 50 to 60 degrees TCA. This vein is rimmed at the margins by white carbonate. Extending out from this vein are 1-3mm wide, undulating, qtz-carbonate-sphalerite veins orientated at 140 degrees TCA. From 148.42 to 148.76m, are set of four, 1cm to 2cm wide grey/blue qtz + sphalerite veins orientated at 110 to 130 degrees TCA. Sphalerite throughout this zone is both a deep red and a tan brown with the tan/brown sphalerite often appearing to rim the red sphalerite as a <1mm wide rim.		10				
3	A-18-145	159.58	159.62	0.04	4cm wide sphalerite vein with both grey/blue qtz and white carbonate. At the margins of the block, coarse, <1cm red/brown sphalerite is v.f.g pyrite. Tan sphalerite in this vein is generally located within what ay be fractures in the red sphalerite and along rims of the red sphalerite.		40				
4	A-18-145	163.49	163.63	0.14	A weakly fractured/weathered sphalerite-qtz-carbonate vein. This vein is distinct from others thus far in that carbonate is the dominant vein mineral forming along the margins of coarse red/brown sphalerite. The sphalerite has a "mottled" colour with patches of tan/brown sphalerite and red sphalerite varying throughout the <2cm wide, interlocking mineral.		35				
5	A-18-145	163.79	163.8	0.01	A minor 1cm wide red/brown sphalerite vein with grey qtz and white carbonate.		50				
6	A-18-145	165.21	165.42	0.21	Brecciated white qtz-carbonate vein zone within a fault structure. Within the vein material is coarse, blocky, <3mm pale yellow sphalerite (?)		2				
7	A-18-145	166.27	166.29	0.02	2cm wide qtz-carbonate veins with 20% pale yellow sphalerite		20				
8	A-18-145	168.14	168.92	0.78	Zone qtz-carbonate-sphalerite veining. Sphalerite is red/brown again with the dominant vein mineral being dark grey/blue qtz with a minor amount of white carbonate. Veins are orientated at 90 degrees TCA and generally increase in size to the base of this zone from 1cm to the final interval which is 10cm wide. Again, red sphalerite is dominant with a minor amount of tan/brown sphalerite often riming red sphalerite and occurring interstitial in zones of red sphalerite. Sphalerite content of individual veins varies through the interval with some being ~20% sphalerite and others ~90%.		15				
9	A-18-145	169.93	170.03	0.1	Another zone of blue/grey qtz-carbonate and red/brown sphalerite with brown sphalerite rimming the red sphalerite.		40				
10	A-18-145	171.36	171.38	0.02	Minor blue/grey qtz vein with red/brown sphalerite.		20				
11	A-18-145	175.12	175.2	0.08	Minor white qtz-carbonate vein with red/brown sphalerite		25				

	A	B	C	D	E	F	G	H	I	J	K
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**PY %**	**SP %**	**GA %**	**BA %**	**CP %**	**PO %**
12	A-18-145	175.31	175.45	0.14	Zone of silica alteration with two 2cm wide grey/blue qtz - carbonate veins with red/brown sphalerite		10				
13	A-18-145	175.7	176.12	0.42	Faulted/veined zone with a trace amount of red/brown sphalerite in a vein breccia near the contact of the siltstone with the underlying shale		Tr				

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**ALT**	**INTENSITY**
2	A-18-145	0	21.7	21.7	Fault/fracture controlled soft tan/brown alteration that occasionally is present in the crenulated siltstone altering the white carbonate patches.	Surficial/Sericit	20
3	A-18-145	175.31	175.45	0.14	Light grey altered zone which is lighter than the surrounding grey siltstone and very hard. The upper contact of this zone of silica (?) alteration is sharp and defined by a 2cm wide qtz-carb-sphalerite vein orientated at 90 degrees TCA. The lower boundary is more diffuse with a gradual decrease in alteration intensity over the final 5cm.	Silica	80

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**% OF VEINING IN INTERVAL**	**CORE ANGLE**
2	A-18-145	14.02	14.25	0.23	White qtz-carb vein	85	150
3	A-18-145	35.58	41.33	5.75	Within the siltstone in this area, thinly to thickly laminated siltstone laminations are cut by hairline to 3mm wide qtz-carb-pyrobitumen veins orientated at 130 degrees TCA which cut perpendicular across laminations starting and terminating at muddy laminations.	3	130
4	A-18-145	70.83	71	0.17	Zone of pinching and swelling, 1 to 5mm carb veins cutting the shale at 90 degrees TCA	30	90
5	A-18-145	148.13	148.76	0.63	Beneath a fault from 147.86m to 148.13m, is a zone of qtz-carb-sphalerite veining from 148.13m to 148.76m. From 148.13m to 148.23m is a 10cm wide vein of red/brown coarse interlocking sphalerite and grey/blue quartz the trends at 50 to 60 degrees TCA. This vein is rimmed at the margins by white carbonate. Extending out from this vein are 1-3mm wide, undulating, carbonate-sphalerite veins orientated at 140 degrees TCA. From 148.42 to 148.76m, are a set of four, 1cm to 2cm wide grey/blue qtz + sphalerite veins orientated at 110 to 130 degrees TCA. Sphalerite throughout this mineralized is both a deep red and a tan brown with the tan/brown sphalerite often appearing to rim the red sphalerite.	20	120
6	A-18-145	149.3	150.62	1.32	Beneath these mineralized veins from 149.30m to 150.62m, are present sparse < 1cm wide white qtz-carbonate veins orientated at 90 to 110 degrees TCA.	3	100
7	A-18-145	159.58	159.62	0.04	4cm wide sphalerite vein with both grey/blue qtz and white carbonate. At the margins of the block, coarse red/brown sphalerite is v.f.g pyrite. Tan sphalerite in this vein is generally located within what ay be fractures in the red sphalerite and along rims of the red sphalerite.	100	90
8	A-18-145	163.49	163.63	0.14	A mildly fractured/weathered sphalerite-qtz-carbonate vein. This vein is distinct from others thus far in that carbonate is the dominant vein mineral forming along the margins of coarse red/brown sphalerite. The carbonate varies from white to grey and has discontinuous, hairline, lines within it. The sphalerite has a "mottled" colour with patches of tan/brown sphalerite and red sphalerite varying throughout the <2cm wide, interlocking mineral.	80	130
9	A-18-145	163.79	163.8	0.01	A minor 1cm wide red/brown sphalerite vein with grey qtz and white carbonate.	100	90
10	A-18-145	165.21	165.42	0.21	Brecciated white qtz-carbonate vein zone within a fault structure. Within the vein material is coarse, blocky, <3mm pale yellow sphalerite (?)	30	
11	A-18-145	166.27	166.29	0.02	2cm wide qtz-carbonate veins with 20% pale yellow sphalerite	100	90
12	A-18-145	168.14	168.92	0.78	qtz-carbonate-sphalerite veining. Sphalerite is red/brown again with the dominant vein mineral being dark grey/blue qtz with a minor amount of white carbonate. Veins are orientated at 90 degrees TCA and generally increase in size to the base of this zone from 1cm to the final interval which is 10cm wide. Again, red sphalerite is dominant with a minor amount of tan/brown sphalerite often riming red sphalerite and occurring interstitial in zones of red sphalerite. Sphalerite content of individual veins varies through the interval with some being ~20% sphalerite and others ~90%.	36	90
13	A-18-145	169.93	170.03	0.1	Another zone of blue/grey qtz-carbonate and red/brown sphalerite with brown sphalerite rimming the red sphalerite.	95	90
14	A-18-145	171.36	171.38	0.02	Minor blue/grey qtz vein with red/brown sphalerite.	100	90

	A	B	C	D	E	F	G
15	A-18-145	173.44	174.34	0.9	Within this area is a red of white carbonate veins with generally discrete margins orientated at 90 degrees TCA and barren of any mineralization.	8	90
16	A-18-145	175.31	175.45	0.14	Within this silica altered zone are four generations of veining. In order from oldest to youngest based on cross cutting relationships they are: 1. White qtz, wavy to planar orientated at 50 degrees TCA, 2. qtz-carbonate-sphalerite veining orientated at 90 degrees TCA, 3. hairline grey qtz veins orientated at 160 degrees TCA, 4. qtz-carbonate veins orientated at 150 degrees TCA	35	
17	A-18-145	175.7	176.12	0.42	Fault/Vein zone with white qtz-carbonate in a massive 10cm sections and some vein brecciation with a minor amount of red sphalerite.	70	60

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
2	A-18-145	8.26	8.27	0.01	Cleavage	CLV	50
3	A-18-145	18.04	18.05	0.01	Mudstone Lamina	BDG	60
4	A-18-145	18.39	18.4	0.01	Cleavage	CLV	55
5	A-18-145	19.75	19.76	0.01	Mudstone Lamina	BDG	60
6	A-18-145	22.74	22.75	0.01	Cleavage	CLV	55
7	A-18-145	23.68	23.69	0.01	Cleavage	CLV	55
8	A-18-145	25.56	25.57	0.01	Mudstone Lamina	BDG	50
9	A-18-145	25.62	25.63	0.01	Cleavage	CLV	55
10	A-18-145	26.48	26.49	0.01	Cleavage	CLV	65
11	A-18-145	27	27.87	0.87	Fault zone with "poker chip" <2cm wide chips with slicks and/or black gouge developed along fracture surfaces.	FLT	70
12	A-18-145	28.15	28.16	0.01	Silty lamina	BDG	60
13	A-18-145	28.3	29.18	0.88	Faulted zone with rubble and minor gouge developed along fracture surfaces.	FLT	60
14	A-18-145	29.29	29.3	0.01	Silty lamina	BDG	58
15	A-18-145	29.7	29.71	0.01	Silty lamina	BDG	62
16	A-18-145	31	31.01	0.01	Cleavage	CLV	70
17	A-18-145	32.44	33.33	0.89	Heavily faulted zone with rubble and a 20cm zone of pure small ships and gouge. Appears to be parallel to bedding.	FLT	70
18	A-18-145	33.75	33.76	0.01	Mudstone Lamina	BDG	55
19	A-18-145	34.17	34.18	0.01	Mudstone lamina	BDG	55
20	A-18-145	34.35	34.42	0.07	faulted zone of chips and black gouge.	FLT	60
21	A-18-145	34.65	34.66	0.01	Mudstone lamina	BDG	55
22	A-18-145	35.3	35.31	0.01	Cleavage	CLV	60
23	A-18-145	35.4	35.41	0.01	Mudstone Lamina	BDG	50
24	A-18-145	35.76	35.77	0.01	Cleavage	CLV	50
25	A-18-145	36.74	36.75	0.01	Mudstone Lamina	BDG	52
26	A-18-145	37	42	5	Generally fault/fracture zone with come 10-20cm intervals of rubble with grey gouge.	FLT	50
27	A-18-145	38.06	38.07	0.01	Cleavage	CLV	65
28	A-18-145	38.8	38.81	0.01	Mudstone Lamina	BDG	50
29	A-18-145	40.04	40.05	0.01	Mudstone Bed	BDG	58
30	A-18-145	40.46	40.47	0.01	Mudstone Lamina	BDG	53
31	A-18-145	41.07	41.34	0.27	Heavily faulted zone with soft brown fractured controlled alteration.	FLT	70
32	A-18-145	41.72	41.73	0.01	Mudstone Lamina	BDG	65
33	A-18-145	42.55	42.56	0.01	Cleavage	CLV	60
34	A-18-145	44.29	44.3	0.01	Cleavage	CLV	62
35	A-18-145	45.26	45.27	0.01	Mudstone Lamina	BDG	61
36	A-18-145	46.31	46.32	0.01	Cleavage	CLV	51

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
37	A-18-145	46.47	46.91	0.44	Heavily faulted zone with rubble and gouge all altered to a soft brown/tan.	FLT	
38	A-18-145	48.11	48.12	0.01	Cleavage	CLV	54
39	A-18-145	49.04	49.1	0.06	Minor fault with black gouge and minor brown/tan alteration	FLT	60
40	A-18-145	49.24	49.25	0.01	Cleavage	CLV	60
41	A-18-145	50.11	50.16	0.05	Heavily fault/fractured zone with brown tan alteration in fracture "Chips"	FLT	60
42	A-18-145	50.47	50.48	0.01	Cleavage	CLV	60
43	A-18-145	51.03	51.67	0.64	Fault/fractured zone with rubble.	FLT	
44	A-18-145	51.75	51.76	0.01	Mudstone Lamina	BDG	58
45	A-18-145	52.41	52.46	0.05	Faulted black gouge zone	FLT	50
46	A-18-145	53.13	53.14	0.01	Mudstone bed	BDG	55
47	A-18-145	53.28	53.29	0.01	Cleavage	CLV	54
48	A-18-145	53.64	53.65	0.01	Mudstone Bed	BDG	56
49	A-18-145	54.53	54.54	0.01	Mudstone Lamina	BDG	50
50	A-18-145	54.79	54.84	0.05	Fault with friable rock and tan/brown gouge	FLT	70
51	A-18-145	55.15	55.16	0.01	Cleavage	CLV	55
52	A-18-145	55.41	55.42	0.01	Mudstone Lamina	BDG	52
53	A-18-145	55.86	55.87	0.01	Silty lamina	BDG	45
54	A-18-145	56.02	56.03	0.01	Cleavage	CLV	52
55	A-18-145	56.94	56.95	0.01	Cleavage	CLV	55
56	A-18-145	57.49	57.5	0.01	Mudstone Lamina	BDG	50
57	A-18-145	57.66	58.42	0.76	Fault zone with rubble and some slick surfaces developed.	FLT	50
58	A-18-145	58.5	58.51	0.01	Cleavage	CLV	50
59	A-18-145	58.77	58.78	0.01	Cleavage	CLV	55
60	A-18-145	59.74	60.81	1.07	Fault zone with some <10cm zone of gouge and chips and rubble with gouge along fracture surfaces.	FLT	50
61	A-18-145	61.25	61.26	0.01	Cleavage	CLV	45
62	A-18-145	61.62	61.63	0.01	Mudstone Lamina	BDG	50
63	A-18-145	62.6	62.61	0.01	Cleavage	CLV	52
64	A-18-145	63.55	63.56	0.01	Mudstone Lamina	BDG	56
65	A-18-145	63.93	63.94	0.01	Cleavage	CLV	50
66	A-18-145	64.4	64.41	0.01	Mudstone Lamina	BDG	48
67	A-18-145	65.38	65.39	0.01	Cleavage	CLV	50
68	A-18-145	67.07	67.08	0.01	Mudstone Lamina	BDG	45
69	A-18-145	68.2	68.21	0.01	Silty Bed	BDG	55
70	A-18-145	69.57	69.58	0.01	Mudstone Lamina	BDG	50
71	A-18-145	70.2	70.21	0.01	Cleavage	CLV	52
72	A-18-145	71.15	71.16	0.01	Silty Lenses	BDG	46
73	A-18-145	73	73.01	0.01	Silty Bed	BDG	50
74	A-18-145	74.07	74.08	0.01	Silty Bed	BDG	52

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
75	A-18-145	74.68	74.69	0.01	Cleavage	CLV	46
76	A-18-145	75.37	75.38	0.01	Cleavage	CLV	55
77	A-18-145	75.75	75.76	0.01	Mudstone Lamina	BDG	54
78	A-18-145	76.69	76.7	0.01	Cleavage	CLV	50
79	A-18-145	76.86	76.87	0.01	Silty lamina	BDG	50
80	A-18-145	78.33	78.34	0.01	Silty lamina	BDG	50
81	A-18-145	78.78	78.79	0.01	Cleavage	CLV	48
82	A-18-145	79.48	79.49	0.01	Mudstone Lamina	BDG	50
83	A-18-145	79.73	79.74	0.01	Cleavage	CLV	50
84	A-18-145	80.43	80.44	0.01	Cleavage	CLV	50
85	A-18-145	81.58	81.59	0.01	Mudstone Lamina	BDG	49
86	A-18-145	82.15	82.16	0.01	Cleavage	CLV	54
87	A-18-145	82.34	82.35	0.01	Silty lamina	BDG	50
88	A-18-145	83.08	83.09	0.01	Silty Bed	BDG	50
89	A-18-145	84.35	84.36	0.01	Mudstone Lamina	BDG	48
90	A-18-145	84.73	84.74	0.01	Cleavage	CLV	47
91	A-18-145	85.08	85.09	0.01	Mudstone Lamina	BDG	55
92	A-18-145	85.17	85.94	0.77	Faulted zone with poker chips and very minor gouge developed along fracture surfaces	FLT	55
93	A-18-145	86.43	86.44	0.01	Mudstone Lamina	BDG	58
94	A-18-145	86.83	86.84	0.01	Cleavage	CLV	50
95	A-18-145	86.92	86.93	0.01	Mudstone Lamina	BDG	48
96	A-18-145	87.88	87.89	0.01	Silty Bed	BDG	50
97	A-18-145	89.21	91.11	1.9	Heavily faulted zone composes of chips and rubble with minor grey gouge and some slick surfaces.	FLT	60
98	A-18-145	92.86	92.87	0.01	Mudstone Lamina	BDG	46
99	A-18-145	94.24	94.25	0.01	Cleavage	CLV	50
100	A-18-145	94.69	94.7	0.01	Mudstone Lamina	BDG	52
101	A-18-145	95.66	96.51	0.85	Heavily faulted zone with chips and grey gouge along fracture surfaces.	FLT	
102	A-18-145	96.6	96.61	0.01	Silty Lamina	BDG	55
103	A-18-145	96.96	96.97	0.01	Cleavage	CLV	55
104	A-18-145	97.44	97.45	0.01	Mudstone Lamina	BDG	53
105	A-18-145	97.83	97.84	0.01	Mudstone Lamina	BDG	55
106	A-18-145	98.35	98.36	0.01	Mudstone Lamina	BDG	50
107	A-18-145	99.59	99.6	0.01	Mudstone Lamina	BDG	51
108	A-18-145	99.85	99.86	0.01	Cleavage	CLV	54
109	A-18-145	100.12	100.67	0.55	Faulted zone with poker chip core and minor grey gouge developed along fracture surfaces.	FLT	60
110	A-18-145	101.27	101.28	0.01	Mudstone Lamina	BDG	60
111	A-18-145	102.34	102.35	0.01	Mudstone Lamina	BDG	46
112	A-18-145	102.93	102.94	0.01	Silty lamina	BDG	50

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
113	A-18-145	103.78	103.79	0.01	Silty lamina	BDG	50
114	A-18-145	104.28	104.29	0.01	Cleavage	CLV	55
115	A-18-145	104.35	104.56	0.21	Fault zone with rubble and grey gouge developed along fracture surfaces	FLT	
116	A-18-145	106.5	106.51	0.01	Mudstone Lamina	BDG	48
117	A-18-145	107.48	107.49	0.01	Mudstone Lamina	BDG	50
118	A-18-145	107.78	107.79	0.01	Silty Lamina	BDG	50
119	A-18-145	108.82	108.83	0.01	Mudstone Lamina	BDG	48
120	A-18-145	109.76	109.77	0.01	Silty Lamina	BDG	50
121	A-18-145	110.48	110.49	0.01	Silty lamina	BDG	50
122	A-18-145	110.72	110.73	0.01	Cleavage	CLV	50
123	A-18-145	111.74	111.75	0.01	Silty lamina	BDG	47
124	A-18-145	113.67	113.68	0.01	Cleavage	CLV	45
125	A-18-145	114.1	114.62	0.52	Fault zone with rubble and grey gouge.	FLT	60
126	A-18-145	115.22	115.23	0.01	Silty lamina	BDG	42
127	A-18-145	115.92	115.93	0.01	Silty Bed	BDG	48
128	A-18-145	118.09	118.1	0.01	Mudstone Lamina	BDG	50
129	A-18-145	119.21	119.22	0.01	Mudstone Lamina	BDG	47
130	A-18-145	121.15	121.16	0.01	Silty lamina	BDG	47
131	A-18-145	121.84	121.85	0.01	Mudstone lamina	BDG	55
132	A-18-145	122.49	122.5	0.01	Mudstone Lamina	BDG	46
133	A-18-145	122.88	122.89	0.01	Cleavage	CLV	45
134	A-18-145	123.48	123.49	0.01	Mudstone lamina	BDG	44
135	A-18-145	123.67	123.68	0.01	Cleavage	CLV	45
136	A-18-145	123.75	123.76	0.01	Fault with rubble and some black gouge developed along fracture surfaces. Fracture surfaces are coated in white carbonate.	FLT	40
137	A-18-145	125.83	125.84	0.01	Mudstone Lamina	BDG	43
138	A-18-145	126.06	126.07	0.01	Cleavage	CLV	44
139	A-18-145	126.49	126.5	0.01	Cleavage	CLV	45
140	A-18-145	127.07	127.08	0.01	Silty Lamina	BDG	56
141	A-18-145	127.57	127.58	0.01	Mudstone lamina	BDG	45
142	A-18-145	128.28	128.29	0.01	Cleavage	CLV	46
143	A-18-145	128.29	128.46	0.17	Fault zone with flaky chips and black graphitic gouge	FLT	50
144	A-18-145	128.65	128.66	0.01	Mudstone Lamina	BDG	50
145	A-18-145	129.19	129.2	0.01	Mudstone Lamina	BDG	47
146	A-18-145	130.13	130.14	0.01	Mudstone Lamina	BDG	50
147	A-18-145	131.33	131.34	0.01	Mudstone Bed	BDG	45
148	A-18-145	131.4	132.46	1.06	Fault zone with rubble, chips, and 20cm interval of pure black gouge in the centre.	FLT	50
149	A-18-145	132.57	132.58	0.01	Silty beds	BDG	54
150	A-18-145	132.71	132.72	0.01	Cleavage	CLV	42
151	A-18-145	133.16	133.17	0.01	Silty Bed	BDG	45

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
152	A-18-145	134.28	134.29	0.01	Mudstone Lamina	BDG	41
153	A-18-145	134.91	134.92	0.01	Mudstone Lamina	BDG	44
154	A-18-145	135.07	135.94	0.87	Faulted zone with rubble and grey graphitic gouge on fracture surfaces.	FLT	55
155	A-18-145	136.3	137.86	1.56	Faulted zone with rubble chips and some black graphitic gouge, at the start is one well healed gouged zone that is competent and gives a very good orientation.	FLT	40
156	A-18-145	138.37	138.38	0.01	Silty Lamina	BDG	45
157	A-18-145	138.45	138.46	0.01	Cleavage	CLV	45
158	A-18-145	138.8	140.87	2.07	Fault/rubble zone with a 3cm interval of healed/partial faulted grey gouge.	FLT	55
159	A-18-145	140.13	140.14	0.01	Mudstone lamina	BDG	55
160	A-18-145	140.21	141.21	1	Heavy rubble zone with moderate development of grey gouge the final approx. 40cm is just developing a crackle texture.	FLT	55
161	A-18-145	141.32	141.33	0.01	Mudstone Lamina	BDG	45
162	A-18-145	141.37	141.62	0.25	Grey rubble with gouge developed along fracture surfaces	FLT	NA
163	A-18-145	142.22	142.23	0.01	Cleavage	CLV	41
164	A-18-145	142.88	142.89	0.01	Silty lamina	BDG	42
165	A-18-145	143.14	143.15	0.01	Mudstone Lamina	BDG	45
166	A-18-145	143.87	144.95	1.08	Faulted zone with cracked rubble and moderate grey gouge development increasing towards the lower contact f the fault.	FLT	45
167	A-18-145	145.33	145.34	0.01	Mudstone bed	BDG	46
168	A-18-145	146.12	146.13	0.01	Silty Lamina	BDG	45
169	A-18-145	146.85	146.86	0.01	Cleavage	CLV	51
170	A-18-145	147.03	147.22	0.19	faulted some with cracked rubble and ships and abundant grey/black gouge.	FLT	60
171	A-18-145	147.37	147.5	0.13	Heavily faulted zone with rubble chips and minor grey gouge	Felt	60
172	A-18-145	147.55	147.56	0.01	Silty lamina	BDG	58
173	A-18-145	147.78	148.13	0.35	Heavily faulted zone with cracked grey rubble, slick surfaces, and grey gouge along fracture planes.	FLT	60
174	A-18-145	150.06	150.07	0.01	Mudstone Bed	BDG	53
175	A-18-145	151.15	151.16	0.01	Mudstone Lamina	BDG	54
176	A-18-145	151.62	151.75	0.13	Faulted zone with rubble and minor black gouge	DLT	NA
177	A-18-145	152.98	152.99	0.01	Mudstone Lamina	BDG	46
178	A-18-145			0			
179	A-18-145	155.61	155.62	0.01	Muddy Bed	BDG	45
180	A-18-145	156.66	156.6	-0.06	Mudstone Lamina	BDG	45
181	A-18-145	157.05	157.06	0.01	Cleavage	CLV	54

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
182	A-18-145	157.6	157.61	0.01	Mudstone Bed	BDG	46
183	A-18-145	158.23	158.24	0.01	Mudstone Bed	BDG	46
184	A-18-145	159.06	159.07	0.01	Silty Lamina	BDG	47
185	A-18-145	159.79	159.8	0.01	Silty Bed	BDG	46
186	A-18-145	160.5	160.51	0.01	Cleavage	CLV	46
187	A-18-145	161.11	161.12	0.01	Muddy Bed	BDG	46
188	A-18-145	161.34	161.35	0.01	Cleavage	CLV	46
189	A-18-145	162.43	162.44	0.01	Cleavage	CLV	53
190	A-18-145	162.96	162.97	0.01	Cleavage	CLV	51
191	A-18-145	165	166.26	1.26	Faulted Zone with rubble and well developed grey gouge. A well developed vein breccia zone is present in the centre.	FLT	45
192	A-18-145	167.05	167.06	0.01	Mudstone Lamina	BDG	43
193	A-18-145	169.03	169.04	0.01	Mudstone Lamina	BDG	55
194	A-18-145	170.4	170.41	0.01	Mudstone Bed	BDG	55
195	A-18-145	170.59	170.6	0.01	Cleavage	CLV	56
196	A-18-145	171.17	171.18	0.01	Cleavage	CLV	65
197	A-18-145	172.46	172.47	0.01	Mudstone Lamina	BDG	60
198	A-18-145	172.66	172.67	0.01	Cleavage	CLV	58
199	A-18-145	172.9	172.91	0.01	Mudstone lamina	BDG	65
200	A-18-145	172.94	173.14	0.2	Faulted zone with minor grey graphitic gouge	FLT	70
201	A-18-145	173.65	173.66	0.01	Mudstone lamina	BDG	60
202	A-18-145	174.39	174.4	0.01	Cleavage	CLV	63
203	A-18-145	174.93	174.94	0.01	Mudstone lamina	BDG	66
204	A-18-145	175.7	176.12	0.42	Heavily faulted and vein healed zone with qtz veining and black/grey graphitic gouge throughout. This fault obscures the lower contact of the siltstone	FLT	60
205	A-18-145	176.37	176.38	0.01	Silty Bed	BDG	64
206	A-18-145	176.74	176.75	0.01	Mudstone Bed	BDG	65
207	A-18-145	177.6	177.61	0.01	Silty Bed	BDG	61
208	A-18-145	178.03	178.04	0.01	Cleavage	CLV	54
209	A-18-145	178.13	178.61	0.48	Fault zone with rubble and grey gouge developed along rubble surfaces.	FLT	65
210	A-18-145	178.68	178.69	0.01	Cleavage	CLV	60
211	A-18-145	178.8	178.81	0.01	Silty Lamina	BDG	55
212	A-18-145	179.17	179.39	0.22	Faulty zone with rubble and well developed slick surfaces	FLT	70
213	A-18-145	180.31	180.32	0.01	Cleavage	CLV	59
214	A-18-145	180.86	180.87	0.01	Cleavage	CLV	56
215	A-18-145	181.02	181.03	0.01	Silty Lamina	BDG	59
216	A-18-145	181.12	183.03	1.91	Faulted zone with rubble and well developed gouge material along surfaces	FLT	60
217	A-18-145	183.21	183.31	0.1	Fault zone with well developed grey gouge.	FLT	75

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
218	A-18-145	183.97	183.98	0.01	Silty Bed	BDG	64
219	A-18-145	184.32	184.33	0.01	Silty Bed	BDG	64
220	A-18-145	184.52	184.53	0.01	Cleavage	CLV	65
221	A-18-145	184.68	184.69	0.01	Silty Bed	BDG	63
222	A-18-145	185.16	185.17	0.01	Silty Bed	BDG	60
223	A-18-145	185.63	185.64	0.01	Silty Bed	BDG	66
224	A-18-145	185.9	185.91	0.01	Silty Lamina	BDG	60
225	A-18-145	186.19	186.2	0.01	Cleavage	CLV	64
226	A-18-145	186.57	186.65	0.08	Fault with minor grey gouge and poker chip rubble.	FLT	60
227	A-18-145	186.75	186.76	0.01	Silty Bed	BDG	60
228	A-18-145	188.1	188.11	0.01	Silty Bed	BDG	58
229	A-18-145	188.48	188.49	0.01	Silty Bed	BDG	56
230	A-18-145	189.13	189.14	0.01	Silty Bed	BDG	47
231	A-18-145	189.3	189.31	0.01	Cleavage	CLV	47
232	A-18-145	189.62	189.63	0.01	Cleavage	CLV	45
233	A-18-145	190.57	190.58	0.01	Silty Bed	BDG	36
234	A-18-145	190.84	191.94	1.1	Heavily faulted zone with some <10cm rubble and well developed black gouge	FLT	70
235	A-18-145	192.13	192.14	0.01	Silty Bed	BDG	60
236	A-18-145	192.87	192.88	0.01	Silt Bed	BDG	57
237	A-18-145	193.22	193.23	0.01	Silty Bed	BDG	66
238	A-18-145	193.35	193.36	0.01	Cleavage	CLV	53
239	A-18-145	193.94	193.95	0.01	Silty Bed	BDG	23
240	A-18-145	194	194.01	0.01	Silty Bed	BDG	23
241	A-18-145	194.2	194.21	0.01	Silty Bed	BDG	28
242	A-18-145	194.47	195.56	1.09	Faulted zone with rubble and black/grey graphitic gouge	FLT	
243	A-18-145	195.72	195.73	0.01	Silty Bed	BDG	10
244	A-18-145	196.22	196.23	0.01	Silty Lamina	BDG	31
245	A-18-145	197.11	197.12	0.01	Silty Bed	BDG	25
246	A-18-145	197.31	197.32	0.01	Silty Bed	BDG	47
247	A-18-145	197.41	197.42	0.01	Silty Bed	BDG	49
248	A-18-145	197.59	197.6	0.01	Fold Axis	FA	105
249	A-18-145	197.77	197.78	0.01	Silty Bed	BDG	16

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1											AQ270	AQ270	AQ270	AQ270	AQ270	LF301
2											Mo	Cu	Pb	Zn	Ag	Ba
3	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**%SULPHIDES**	**%SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM	PPM	PPM	PPM
4	A-18-145	64.00	64.55	0.55	2695832	Rep sample laminate minorly crenulated siltstone	0.00	0.00		VAN18001938	1	12.3	8.9	12	<0.5	1184
5	A-18-145			0.00	2695833				STD CDN-ME-1306	VAN18001938	22	4000.4	15876.5	30748	102.6	667
6	A-18-145	79.38	80.05	0.67	2695834	Rep sample lenticular shale with minor silty lamina	0.00	0.00		VAN18001938	2	45.3	14	100	1	642
7	A-18-145	96.96	97.47	0.51	2695835	Rep Sample laminated siltstone	0.00	0.00		VAN18001938	3.2	12.6	11.2	24	<0.5	534
8	A-18-145	109.56	110.08	0.52	2695836	Rep sample muddy siltstone	0.00	0.00		VAN18001938	1.6	23.4	16.2	67	<0.5	649
9	A-18-145	120.86	121.46	0.60	2695837	Rep of massive siltstone with black, wispy, hairline laminae	0.00	0.00		VAN18001938	0.5	9.2	15.4	28	<0.5	502
10	A-18-145	128.84	129.55	0.71	2695838	Rep of variable texture siltstone with frequent worm burrows	0.00	0.00		VAN18001938	1.7	21	26.3	32	<0.5	585
11	A-18-145	145.20	146.20	1.00	2695839	Massive laminated siltstone	0.00	0.00		VAN18001938	2.2	10.4	20.1	176	<0.5	1125
12	A-18-145	146.20	147.22	1.02	2695840	Variably crenulated siltstone with fault zone in lower 20cm	0.00	0.00		VAN18001938	2.7	17.3	21.1	126	<0.5	1417
13	A-18-145	147.22	148.13	0.91	2695841	Variably laminated silstone with lower zone heavily faulted	0.00	0.00		VAN18001938	5.7	14.5	22.8	422	<0.5	1625
14	A-18-145	148.13	148.76	0.63	2695842	Zone with sphalerite veining and blue/grey qtz - MINERALIZED	10.00	0.00		VAN18001938	1.8	148.6	19.8	75061	1.4	1827
15	A-18-145			0.00	2695843				Blank BL 126	VAN18001938	1.6	50	3.1	39	<0.5	579
16	A-18-145	148.76	149.42	0.66	2695844	Laminated siltstone with barren veining	0.00	0.00		VAN18001938	1.8	22.4	21.5	67	<0.5	2877
17	A-18-145	149.42	150.00	0.58	2695845	Laminated siltstone with barren veining	0.00	0.00		VAN18001938	0.9	16.6	22.2	67	<0.5	2704
18	A-18-145	150.00	151.04	1.04	2695846	Laminated silstone with barren veining	0.00	0.00		VAN18001938	0.7	12	15.2	44	<0.5	2495
19	A-18-145	151.04	151.90	0.86	2695847	Laminated silstone	0.00	0.00		VAN18001938	1.3	16.4	19.3	160	<0.5	2736
20	A-18-145	151.90	152.87	0.97	2695848	Faulted laminated siltstone	0.00	0.00		VAN18001938	<0.5	9.8	14.2	604	<0.5	2449
21	A-18-145	152.87	153.90	1.03	2695849	Laminated Siltstone	0.00	0.00		VAN18001938	<0.5	9.1	15.4	224	<0.5	2202
22	A-18-145	153.90	154.70	0.80	2695850	Siltstone	0.00	0.00		VAN18001938	<0.5	7.8	12.9	77	<0.5	2165
23	A-18-145	154.70	155.65	0.95	2695851	Laminated Siltstone	0.00	0.00		VAN18001938	0.9	16.4	20.3	339	<0.5	2571
24	A-18-145	155.65	156.27	0.62	2695852	Laminated Siltstone	0.00	0.00		VAN18001938	1.3	25.1	24.4	121	0.6	3339
25	A-18-145			0.00	2695853				Pulp Duplicate of 2695852	VAN18001938	1.4	26	25.2	120	0.6	3354
26	A-18-145	156.27	157.28	1.01	2695854	Siltstone	0.00	0.00		VAN18001938	1.1	19.3	20.2	231	<0.5	2905
27	A-18-145	157.28	157.92	0.64	2695855	Siltstone	0.00	0.00		VAN18001938	1	18.1	21.2	367	<0.5	4259
28	A-18-145	157.92	158.63	0.71	2695856	Siltstone	0.00	0.00		VAN18001938	6.5	28.5	31	144	0.8	3681
29	A-18-145	158.63	159.40	0.77	2695857	Siltstone	0.00	0.00		VAN18001938	2.3	23.8	22.8	86	0.7	4617
30	A-18-145	159.40	159.80	0.40	2695858	Siltstone with single 4cm wide qtz-carb-sphalerite vein	4.00	0.00		VAN18001938	0.6	80	17.1	33469	0.8	2735
31	A-18-145	159.80	160.82	1.02	2695859	Siltstone	0.00	0.00		VAN18001938	0.8	14.4	16.1	29	<0.5	2681
32	A-18-145	160.82	161.58	0.76	2695860	Siltstone	0.00	0.00		VAN18001938	0.9	11.5	16.5	34	<0.5	2199
33	A-18-145	161.58	162.44	0.86	2695861	Siltstone	0.00	0.00		VAN18001938	0.9	18.6	15.3	508	<0.5	2846
34	A-18-145	162.44	163.37	0.93	2695862	Siltstone	0.00	0.00		VAN18001938	0.6	12.6	17.8	60	<0.5	2409
35	A-18-145			0.00	2695863				STD CDN-ME-1306	VAN18001938	22.2	3971.3	15584.6	30117	99.9	690
36	A-18-145	163.37	163.83	0.46	2695864	Wide Carbonate - sphalerite vein and one 1cm qtz-carb-sph	6.00	0.00		VAN18001938	0.6	74.5	14.7	46538	0.7	1959
37	A-18-145	163.83	164.80	0.97	2695865	Very minor sph in a vein with black margins	Tr	0.00		VAN18001938	<0.5	6.9	8.2	74	<0.5	1805
38	A-18-145	164.80	165.59	0.79	2695866	Fault zone with vein breccia that has pale yellow sph	Tr	0.00		VAN18001938	0.9	17	11.9	412	<0.5	2934
39	A-18-145	165.59	166.42	0.83	2695867	Siltstone	0.00	0.00		VAN18001938	1.2	19.2	24.9	482	<0.5	3407
40	A-18-145	166.42	167.00	0.58	2695868	Siltstone	0.00	0.00		VAN18001938	<0.5	13.1	13.1	788	<0.5	3281
41	A-18-145	167.00	168.05	1.05	2695869	Siltstone	0.00	0.00		VAN18001938	<0.5	8.8	8.8	182	<0.5	3041
42	A-18-145	168.05	168.91	0.86	2695870	Qtz-carb-sph vein zone	20.00	0.00		VAN18001938	<0.5	202.3	11.3	110945	0.8	2204
43	A-18-145	168.91	169.91	1.00	2695871	Siltstone with single qtz-carb-sph vein	Tr	0.00		VAN18001938	0.5	10.1	11.2	896	<0.5	3277
44	A-18-145	169.91	170.22	0.31	2695872	Veins zone with large qtz-carb-sph zone	7.00	0.00		VAN18001938	<0.5	105.1	23.7	79331	1.1	12009
45	A-18-145			0.00	2695873				Blank BL 126	VAN18001938	1.8	47.9	3.3	47	<0.5	567
46	A-18-145	170.22	171.16	0.94	2695874	Siltstone	0.00	0.00		VAN18001938	1.6	19.1	30.4	58	<0.5	4318
47	A-18-145	171.16	171.55	0.39	2695875	Siltstone with single 1cm wide qtz-carb-sph vein	Tr	0.00		VAN18001938	<0.5	54.9	15.6	23344	<0.5	3008
48	A-18-145	171.55	172.52	0.97	2695876	Siltstone	0.00	0.00		VAN18001938	0.5	8	9.5	437	<0.5	3177
49	A-18-145	172.52	173.39	0.87	2695877	Siltstone	0.00	0.00		VAN18001938	2	14	12.4	871	<0.5	4339
50	A-18-145	173.39	174.32	0.93	2695878	Siltstone with barren veining	0.00	0.00		VAN18001938	<0.5	9.7	9	452	<0.5	4165
51	A-18-145	174.32	175.09	0.77	2695879	Siltstone	0.00	0.00		VAN18001938	1.9	11.8	12.9	85	<0.5	10177
52	A-18-145	175.09	175.69	0.60	2695880	Silica altered and qtz-carb-sph veined zone	4.00	0.00		VAN18001938	0.8	63.5	15.2	23628	<0.5	5560
53	A-18-145	175.69	176.18	0.49	2695881	Faulted contact zone with minor sph in vein breccia	Tr	0.00		VAN18001938	13.7	33.6	38.6	1572	<0.5	4793
54	A-18-145	176.18	177.00	0.82	2695882	Shale	0.00	0.00		VAN18001938	18.7	35.2	32.1	447	0.9	5575
55	A-18-145			0.00	2695883				Coarse Duplicate of 2695882	VAN18001938	17.5	33.5	31.3	493	0.9	5359
56	A-18-145	177.00	178.00	1.00	2695884	Shale	0.00	0.00		VAN18001938	22	33.8	26	750	1.1	5103
57	A-18-145	178.00	179.00	1.00	2695885	Shale	0.00	0.00		VAN18001938	23.2	38.2	19.8	724	1.2	4614
58	A-18-145	179.00	180.00	1.00	2695886	Shale	0.00	0.00		VAN18001938	41.1	42.9	20.7	561	1.2	3714
59	A-18-145	180.00	181.00	1.00	2695887	Shale	0.00	0.00		VAN18001938	17.1	45.4	17.5	397	1.3	3682
60	A-18-145	181.00	182.00	1.00	2695888	Shale	0.00	0.00		VAN18001938	23.5	43.5	12.8	1703	1.2	3232
61	A-18-145	182.00	183.00	1.00	2695889	Shale	0.00	0.00		VAN18001938	53.3	39.8	16.8	133	0.9	2958
62	A-18-145	183.00	184.00	1.00	2695890	Shale	0.00	0.00		VAN18001938	58.1	50.9	16.8	429	0.5	2120
63	A-18-145	184.00	184.71	0.71	2695891	Shale	0.00	0.00		VAN18001938	36	34.5	14.9	68	<0.5	2389
64	A-18-145	184.71	185.03	0.32	2695892	Shale with pyrite layered pebble bed.	0.00	0.00		VAN18001938	30	38.8	14.3	166	<0.5	2230
65	A-18-145			0.00	2695893				STD CDN-ME-1306	VAN18001938	21.2	3932.4	15787.6	30640	103.5	665

	A	B	C	D	E	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU
1						AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
2						Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
3	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
4	A-18-145	64.00	64.55	0.55	2695832	15.9	5.8	288	1.51	<5	0.6	3.4	105	<0.5	0.9	<0.5	<10	8.63	0.042	11.3	6.4	4.02	138	0.004	0.31	<0.01	0.26	<0.5	<0.05	2.8	<0.5	0.64	<5	<2	2.71	2.12
5	A-18-145			0.00	2695833	35.8	26.4	1039	8.86	526	1.3	1.2	39	199.4	159.4	12.9	36	1.6	0.039	7.5	47.7	1.63	246	0.012	1.42	0.01	0.13	0.8	8.2	3.1	9.3	8.08	7	38	I.S.	0.08
6	A-18-145	79.38	80.05	0.67	2695834	38	6.7	232	1.68	<5	2.2	4.7	84	0.7	2	<0.5	32	6.94	0.308	17.6	15	2.39	111	0.007	0.51	<0.01	0.38	<0.5	0.1	3.8	<0.5	1.05	<5	5	2.66	2.68
7	A-18-145	96.96	97.47	0.51	2695835	14.8	6.2	272	1.18	<5	0.7	3.9	104	<0.5	1	<0.5	<10	9.64	0.027	13.6	5.9	3.82	76	0.003	0.3	<0.01	0.26	<0.5	0.08	2.9	<0.5	0.42	<5	<2	2.67	2.07
8	A-18-145	109.56	110.08	0.52	2695836	24.2	6.1	217	1.1	<5	1.1	4.9	73	<0.5	1.3	<0.5	15	6.88	0.094	18.6	7.9	2.72	78	0.004	0.38	<0.01	0.28	<0.5	0.08	4.1	<0.5	0.52	<5	<2	2.66	2.05
9	A-18-145	120.86	121.46	0.60	2695837	10.4	3.8	289	1.14	<5	0.5	4	105	<0.5	<0.5	<0.5	<10	8.04	0.026	16.7	5.2	2.29	69	0.003	0.3	<0.01	0.27	<0.5	<0.05	3	<0.5	0.39	<5	<2	2.73	2.29
10	A-18-145	128.84	129.55	0.71	2695838	24.5	6.9	216	1.36	<5	0.9	5.1	61	<0.5	1.3	<0.5	<10	5.17	0.02	16.3	6.9	1.94	64	0.003	0.32	<0.01	0.27	<0.5	0.07	4.1	<0.5	0.76	<5	<2	2.64	2.78
11	A-18-145	145.20	146.20	1.00	2695839	16.6	4.8	302	1.2	<5	0.7	4.7	99	0.7	1.8	<0.5	10	8.32	0.039	20.7	6.1	2.39	151	0.002	0.33	<0.01	0.26	<0.5	<0.05	3.1	<0.5	0.56	<5	<2	2.69	3.44
12	A-18-145	146.20	147.22	1.02	2695840	15.9	4.4	219	0.96	<5	1	5.6	66	0.7	1.6	<0.5	11	5.34	0.038	19.5	6.7	1.7	162	0.002	0.34	<0.01	0.26	<0.5	<0.05	3	<0.5	0.48	<5	<2	2.63	3.92
13	A-18-145	147.22	148.13	0.91	2695841	18.3	4.6	213	1.05	<5	1.2	5.5	70	2.6	2.6	<0.5	16	5.3	0.033	20.8	6.4	1.56	201	0.002	0.35	<0.01	0.25	<0.5	0.08	2.8	<0.5	0.63	<5	<2	2.65	3.5
14	A-18-145	148.13	148.76	0.63	2695842	17.6	14.3	103	1.03	<5	0.9	3.9	31	609.6	1.6	<0.5	<10	1.47	0.017	8.7	5.3	0.41	307	0.002	0.26	<0.01	0.19	<0.5	12.44	1.2	<0.5	4.48	<5	<2	2.75	2.57
15	A-18-145			0.00	2695843	4.8	8.6	425	2.51	<5	0.8	2.4	82	<0.5	<0.5	<0.5	90	0.93	0.055	7.3	10.5	0.69	122	0.134	1.58	0.19	0.18	2.6	<0.05	2	<0.5	<0.05	<5	<2	I.S.	0.02
16	A-18-145	148.76	149.42	0.66	2695844	31	7.9	156	1.21	7	1.1	6.8	26	<0.5	1.2	<0.5	<10	1.84	0.037	16.9	7.4	0.87	298	0.003	0.4	<0.01	0.29	<0.5	0.07	2.4	<0.5	0.98	<5	<2	2.7	2.42
17	A-18-145	149.42	150.00	0.58	2695845	25.4	8.6	251	1.41	6	0.8	6.3	49	<0.5	0.9	<0.5	<10	4	0.052	17.7	6.7	1.58	323	0.003	0.39	<0.01	0.27	<0.5	0.05	3.5	<0.5	1.05	<5	<2	2.71	2.27
18	A-18-145	150.00	151.04	1.04	2695846	16	4.9	278	1.2	<5	0.6	5.2	54	<0.5	0.6	<0.5	<10	4.24	0.031	17.3	6.5	1.51	417	0.003	0.37	<0.01	0.28	<0.5	<0.05	2.7	<0.5	0.67	<5	<2	2.67	3.75
19	A-18-145	151.04	151.90	0.86	2695847	21.9	6.7	260	1.24	<5	0.7	5.6	45	<0.5	0.9	<0.5	<10	4.05	0.047	14.6	6.5	1.7	288	0.003	0.35	<0.01	0.26	<0.5	<0.05	3.4	<0.5	0.78	<5	<2	2.66	3.12
20	A-18-145	151.90	152.87	0.97	2695848	22.1	7.3	293	1.31	<5	0.7	4.7	70	1.7	0.6	<0.5	<10	5.84	0.033	15.4	5.8	1.69	293	0.002	0.34	<0.01	0.25	<0.5	<0.05	2.8	<0.5	0.73	<5	<2	2.67	3.83
21	A-18-145	152.87	153.90	1.03	2695849	18.3	4.9	324	1.37	<5	0.7	4.9	83	0.6	<0.5	<0.5	<10	6.43	0.033	19.7	5.6	1.69	260	0.002	0.31	<0.01	0.23	<0.5	<0.05	2.9	<0.5	0.83	<5	<2	2.64	3.64
22	A-18-145	153.90	154.70	0.80	2695850	16.3	4.8	339	1.29	<5	<0.5	4.5	96	<0.5	<0.5	<0.5	<10	7.45	0.037	15.8	5.5	1.66	268	0.002	0.33	<0.01	0.24	<0.5	<0.05	3.1	<0.5	0.75	<5	<2	2.65	2.8
23	A-18-145	154.70	155.65	0.95	2695851	30.3	6.6	230	1.35	<5	0.8	5.7	49	0.9	0.6	<0.5	<10	3.83	0.048	15.6	6.5	1.25	289	0.003	0.37	<0.01	0.26	<0.5	<0.05	3.1	<0.5	1	<5	<2	2.66	3.36
24	A-18-145	155.65	156.27	0.62	2695852	39.1	8.6	171	1.33	<5	0.9	7.6	24	<0.5	1	<0.5	<10	2.26	0.04	20.1	6.7	1.09	306	0.003	0.38	<0.01	0.29	<0.5	<0.05	2.9	<0.5	1.16	<5	<2	2.71	2.38
25	A-18-145			0.00	2695853	38	8.4	163	1.31	5	1	7.9	24	<0.5	1.1	<0.5	<10	2.24	0.037	21.5	6.2	1.05	317	0.003	0.38	<0.01	0.28	<0.5	<0.05	2.8	<0.5	1.14	<5	<2	2.7	
26	A-18-145	156.27	157.28	1.01	2695854	29.3	7.7	252	1.27	<5	0.9	6.1	56	1	0.9	<0.5	<10	4.1	0.045	19.2	6.5	1.32	501	0.003	0.4	<0.01	0.28	<0.5	<0.05	3.3	<0.5	0.87	<5	<2	2.66	3.89
27	A-18-145	157.28	157.92	0.64	2695855	30.8	8.4	229	1.28	<5	0.9	4.8	59	1.4	0.8	<0.5	<10	3.9	0.051	16.6	6.3	1.06	1519	0.003	0.35	<0.01	0.24	<0.5	<0.05	3.1	<0.5	0.96	<5	<2	2.62	2.38
28	A-18-145	157.92	158.63	0.71	2695856	41.4	10.8	180	1.47	7	2	6.7	39	0.7	1.9	<0.5	19	2.72	0.095	16.9	10.1	1.19	605	0.004	0.5	<0.01	0.34	<0.5	0.06	2.9	<0.5	1.19	<5	<2	2.62	2.69
29	A-18-145	158.63	159.40	0.77	2695857	36.5	8.8	144	1.25	6	2.3	6.7	36	<0.5	1.5	<0.5	16	2.28	0.102	15.9	8.1	0.9	1591	0.004	0.43	<0.01	0.3	<0.5	0.05	2.6	<0.5	1.13	<5	2	2.68	2.6
30	A-18-145	159.40	159.80	0.40	2695858	14.6	9.5	302	1.34	<5	1	4.9	96	235.7	0.8	<0.5	<10	4.35	0.028	14.4	4.1	1.64	338	0.002	0.29	<0.01	0.22	<0.5	8.69	2.7	<0.5	2.56	<5	<2	2.75	1.67
31	A-18-145	159.80	160.82	1.02	2695859	21.2	5.5	248	1.12	<5	0.9	6.1	49	<0.5	0.7	<0.5	<10	3.8	0.037	17.9	6.6	1.37	317	0.003	0.39	<0.01	0.28	<0.5	<0.05	3.2	<0.5	0.68	<5	<2	2.66	4.06
32	A-18-145	160.82	161.58	0.76	2695860	16.6	6.4	385	1.6	<5	0.9	5.6	83	<0.5	0.7	<0.5	<10	6.08	0.046	17.8	5.3	1.58	303	0.003	0.37	<0.01	0.26	<0.5	<0.05	2.9	<0.5	0.88	<5	<2	2.7	2.99
33	A-18-145	161.58	162.44	0.86	2695861	26.6	8	340	1.54	<5	2.1	6.8	45	2.2	0.8	<0.5	<10	4.16	0.045	20.4	7.4	1.69	346	0.003	0.43	<0.01	0.32	<0.5	<0.05	3.6	<0.5	0.84	<5	<2	2.69	2.84
34	A-18-145	162.44	163.37	0.93	2695862	21.2	5.9	363	1.5	<5	0.8	5.6	57	<0.5	0.7	<0.5	<10	5.16	0.036	18.8	7.5	1.88	327	0.003	0.42	<0.01	0.31	<0.5	<0.05	3.3	<0.5	0.77	<5	<2	2.69	3.54
35	A-18-145			0.00	2695863	33	25	975	8.64	528	1.2	1.2	39	197.1	154.2	12.5	35	1.59	0.04	7.5	47.8	1.61	232	0.011	1.4	0.01	0.14	1	8.3	3.2	8.8	8.08	7	39	I.S.	0.07
36	A-18-145	163.37	163.83	0.46	2695864	12.5	10.9	308	1.18	<5	1.3	3.2	63	457.4	1	<0.5	<10	5.32	0.021	12.9	4	1.4	645	0.002	0.26	<0.01	0.18	<0.5	9.58	2.3	<0.5	2.89	<5	<2	2.76	2.09
37	A-18-145	163.83	164.80	0.97	2695865	9	3.5	273	1.18	<5	0.8	3.9	45	<0.5	<0.5	<0.5	<10	4.08	0.024	17.5	4.5	1.68	275	0.002	0.28	<0.01	0.19	<0.5	<0.05	2.3	<0.5	0.57	<5	<2	2.69	3.41
38	A-18-145	164.80	165.59	0.79	2695866	21.9	5.4	126	0.84	<5	1.4	5.3	32	2.7	0.8	<0.5	<10	3.52	0.037	14.2	5.5	0.85	448	0.002	0.33	<0.01	0.2	<0.5	0.07	2.2	<0.5	0.54	<5	<2	2.65	2.62
39	A-18-145	165.59	166.42	0.83	2695867	31.7	10.2	158	1.82	6	2.2	5.6	40	0.8	1.2	<0.5	11	2.33	0.06	17.6	6.4	1.11	579	0.003	0.46	<0.01	0.27	<0.5	0.05	2.8	<0.5	1.6	<5	<2	2.69	1.92
40	A-18-145	166.42	167.00	0.58	2695868	20.8	5.9	172	1.02	<5	0.8	4.7	39	3.7	0.8	<0.5	<10	2.6	0.018	18.8	3.9	1.33	420	0.002	0.31	<0.01	0.21	<0.5	0.1	2.8	<0.5	0.75	<5	<2	2.7	2.3
41	A-18-145	167.00	168.05	1.05	2695869	12.5	4.2	222	0.97	<5	1	4.5	54	<0.5	<0.5	<0.5	<10	5.16	0.024	21.3	5	1.86	471	0.002	0.31	<0.01	0.2	<0.5	<0.05	2.8	<0.5	0.59	<5	<2	2.7	2.91
42	A-18-145	168.05	168.91	0.86	2695870	8.6	15.9	141	0.85	<5	1.1	2.6	50	870.8	1.4	<0.5	<10	2.55	0.018	11.4	2.9	1.02	363	0.001	0.17	<0.01	0.12	<0.5	20.53	1.2	<0.5	6.16	17	3	2.83	3.25
43	A-18-145	168.91	169.91	1.00	2695871	14.3	3.5	143	0.86	<5	0.8	4.4	53	8.9	0.7	<0.5	<10	2.73	0.03	20.5	4.5	1.26	389	0.002	0.32	<0.01	0.22	<0.5	0.19	2.4	<0.5	0.71	<5	<2	2.66	3.82
44	A-18-145	169.91	170.22	0.31	2695872	10.4	9.8	93	0.64	<5	<0.5	2	44	716.9	1.9	<0.5	<10	3.78	0.01	6.1	3.4	0.71	283	0.001	0.16	<0.01	0.1	<0.5	18.17	1.3	<0.5	4.26	7	<2	2.78	1.35
45	A-18-145			0.00	2695873	4.5	8.2	387	2.47	<5	0.8	2.5	68	<0.5	<0.5	<0.5	88	0.81	0.054	6.5	10.3	0.67	117	0.117	1.43	0.16	0.18	2.4	<0.05	2.1	<0.5	<0.05	<5	<2	I.S.	0.02
46	A-18-145	170.22	171.16	0.94	2695874	34.2	5.6	128	1.02	<5	1.1	6.2	45	<0.5	1	<0.5	10	2.54	0.038	21.4	6.7	1.24	553	0.003	0.38	<0.01	0.25	<0.5	0.07	2.9	<0.5	0.87	<5	<2	2.66	3.4
47	A-18-145	171.16	171.55	0.39	2695875	14.2	7.2	184	0.9	<5	0.6	4.7	147	168.3	1	<0.5	<10	6.74	0.032	17.7	4.8	1.9	501	0.002	0.29	<0.01	0.2	<0.5	5.04	2.6	<0.5	1.82	<5	<2	2.71	2.08
48	A-18-145	171.55	172.52	0.97	2695876	12.4	3.4	190	0.77	<5	0.8	4.9	106	2.8	<0.5	<0.5	<10	6.65	0.055	18.1	5	1.99	572	0.003	0.32	<0.01	0.2	<0.5	0.12	2.9	<0.5	0.52	<5	<2	2.7	3.54
49	A-18-145	172.52	173.39	0.87	2695877	24.6	4.3	129	0.79	<5	0.8	5.3	65	6.4	0.9	<0.5	<10	3.5	0.031	20.5	5	1.39	577	0.002	0.3	<0.01	0.19	<0.5	0.2	2.6	<0.5	0.64	<5	<2	2.65	3.34
50	A-18-145	173.39	174.32	0.93	2695878	15.3	4.6	190	0.81	<5	0.9	4.7	179	2.8	0.6	<0.5	<10	5.16	0.03	18.3	5	1.81	868	0.002	0.3	<0.01	0.18	<0.5	0.1	2.7	<0.5	0.61	<5	<2	2.67	3.44
51	A-18-145	174.32	175.09	0.77	2695879	23.3	4.8	124	0.75	<5	0.8	5.4	86	<0.5	0.8	<0.5	<10	2.74	0.049	19.4	4.6	1.25	3563	0.002	0.29	<0.01	0.18	<0.5	<0.05	2.5	<0.5	0.73	<5	<2	2.65	3.14
52	A-18-145	175.09	175.69	0.60	2695880	19.8	5.2	147	0.72	<5	1.2	4.1	328	207.6	1.2	<0.5	<10	5.7	0.042	16.8	4.6	1.81	2050	0.002	0.38	<0.01	0.15	<0.5	6.19	2.6	<0.5	1.77	<5	<2	2.71	2.45
53	A-18-145	175.69	176.18	0.49	2695881	47.1	5.3	87	1.36	11	2.2	3.9	109	13.5	6.2	<0.5	44	2.07	0.032	9.1	6.1	0.27	600	0.001	0.29	<0.01	0.16	<0.5	0.57	1.8	<0.5	1.41	<5	4	2.6	1.89
54	A-18-145	176.18	177.00	0.82	2695882	65.6	6.4	38	2.18	18	3.1	4.7	34	5.2	11.9	<0.5	64	0.43	0.059	9.5	6.9	0.06	531	0.002	0.42	<0.01	0.25	<0.5	0.24	2.3	0.6	2.42	<5	11	2.61	2.61
55	A-18-145			0.00	2695883	64.6	6.5	41	2.22	17	2.7	4.2	35	5.6	11.9	<0.5	58	0.43	0.057	9.1	6.9	0.05	478	0.002	0.38	<0.01	0.22	<0.5	0.29	1.5	0.7	2.49	<5	9	2.6	<0.01
56	A-18-145	177.00	178.00	1.00	2695884	72.1	6.5	39	1.96	17	2.8	4.5	33	10.2	14.7	<0.5	69	0.34	0.037	9	7.6	0.04	443	0.002	0.39	<0.01	0.24	<0.5	0.17	1.7	0.7	2.23	<5	16	2.61	3.35
57	A-18-145	178.00	179.00	1.00	2695885	74.6	6.8	43	1.86	24	3.4	4.6	42	9.9	14.6	<0.5	66	0.47	0.044	8.9	6.3	0.07	376	0.002	0.39	<0.01	0.23	<0.5	0.17	1.6	0.7	2.12	<5	19	2.57	2.63
58	A-18-145	179.00	180.00	1.00	2695886	97.6	8	59	2.54	27	9.5	4.7	84	7.3	15.4	<0.5	70	1.02	0.213	9.1	8.7	0.08	561	0.003	0.57	<0.01	0.29	<0.5	0.2	2.3	0.9	2.88	<5	9	2.62	3.39
59	A-18-145	180.00	181.00	1.00	2695887	67.2	6.1	151	3.68	19	2.9	4.3	194	4.6	15.4	<0.5	66	2.86	0.064	6.7	8.2	0.14	524	0.002	0.43	<0.01	0.26	<0.5	0.14	2.2	0.7	3.9	<5	13	2.66	3.66
60	A-18-145	181.00	182.00	1.00	2695888	71	6.5	56	2.1	19	3.3	4.4	52	26.4	15.1	<0.5	77	0.62	0.042	8.5	6.5	0.08	374	0.002	0.43	<0.01	0.26	<0.5	0.19	1.9	0.7	2.32	<5	19	2.61	3.66
61	A-18-145	182.00	183.00	1.00	2695889	84.5	8.2	94	2.43	23	6	4.9	100	1.2	12.7	<0.5	36	1.31	0.047	8.7	6.8	0.13	331	0.002	0.42	<0.01	0.26	<0.5	0.14	2.2	0.9	2.62	<5	9	2.6	3.27
62	A-18-145	183.00	184.00	1.00	2695890	91	8.6	288	4.62	25	10.5	3.7	283	3.1	7.5	<0.5	31	4.73	0.037	4.8	4.8	0.59	269	0.002	0.34	<0.01	0.21	<0.5	0.15	3.6	0.9	5.2	<5	6	2.64	3.85
63	A-18-145	184.00	184.71	0.71	2695891	72.6	7.4	74	2.46	20	5.6	5.1	48	<0.5	4.6	<0.5	34	0.6	0.041	9	6.4	0.09	293	0.002	0.41	<0.01	0.26	<0.5	0.15	1.9	0.8	2.6	<5	3	2.6	2.77
64	A-18-145	184.71	185.03	0.32	2695892	87.3	7.4	45	2.36	21	4.5	5.3	30	0.9	4.4	<0.5	38	0.39	0.045	8.3	5.9	0.05	262	0.002	0.42	<0.01	0.26	<0.5	0.12	2.2	0.9	2.6	<5	3	2.6	1.32
65	A-18-145			0.00	2695893	34.6	25.3	950	8.88	556	1.3	1.1	36	200.6	159.3	12.4	35	1.59	0.038	6.7	42.9	1.62	220	0.011	1.37	0.01	0.12	1	8.43	3.4	8.9	8.15	7	35	I.S.	0.08

	A	B	C	D	E	F	G	H	I
1	**Hole ID**	**Depth (m)**	**Azimuth (Mag)**	**Azimuth (True)**	**Dip**	**Magn**	**Survey Type**	**Accepted**	**Comments**
2	A-18-145	0.00		231	-44.1		Survey	Yes	
3	A-18-145	14.02	214.4	232.9	-44.3	5661	Reflex	Yes	
4	A-18-145	59.74	212	230.5	-44.2	5678	Reflex	Yes	
5	A-18-145	105.46	212.3	230.8	-45	5675	Reflex	Yes	
6	A-18-145	151.18	211.2	229.7	-44.6	5675	Reflex	Yes	
7	A-18-145	198.12	212.3	230.8	-44.5	5677	Reflex	Yes	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**RECOVERY (m)**	**RECOVERY %**	**RQD (m)**	**RQD**	**CONCRETIONS**	**0-1**	**1-2**	**2-5**	**5-10**	**10+**
2	A-18-145	7.62	7.92	0.30	0.17	56.67	0	0.00						
3	A-18-145	7.92	10.97	3.05	2.03	66.56	0	0.00						
4	A-18-145	10.97	14.02	3.05	1.23	40.33	0.00	0.00						
5	A-18-145	14.02	17.07	3.05	1.49	48.85	0.14	4.59						
6	A-18-145	17.07	20.12	3.05	2.49	81.64	0.45	14.75						
7	A-18-145	20.12	23.16	3.04	2.47	81.25	0.9	29.61						
8	A-18-145	23.16	26.21	3.05	2.89	94.75	1.69	55.41						
9	A-18-145	26.21	29.26	3.05	2.51	82.30	0.47	15.41	1					1
10	A-18-145	29.26	32.31	3.05	2.44	80.00	0.52	17.05						
11	A-18-145	32.31	35.35	3.04	2.21	72.70	0.58	19.08						
12	A-18-145	35.35	38.40	3.05	2.5	81.97	0.33	10.82						
13	A-18-145	38.40	41.45	3.05	2.7	88.52	0.33	10.82						
14	A-18-145	41.45	44.50	3.05	2.62	85.90	1.23	40.33						
15	A-18-145	44.50	47.55	3.05	2.73	89.51	1.19	39.02						
16	A-18-145	47.55	50.60	3.05	2.95	96.72	1.51	49.51						
17	A-18-145	50.60	53.64	3.04	2.37	77.96	0.86	28.29						
18	A-18-145	53.64	56.69	3.05	2.98	97.70	1.14	37.38						
19	A-18-145	56.69	59.74	3.05	2.47	80.98	0.56	18.36						
20	A-18-145	59.74	62.79	3.05	2.57	84.26	0.97	31.80						
21	A-18-145	62.79	65.84	3.05	2.67	87.54	1.27	41.64						
22	A-18-145	65.84	68.88	3.04	2.93	96.38	1.87	61.51						
23	A-18-145	68.88	71.93	3.05	2.67	87.54	1.6	52.46						
24	A-18-145	71.93	74.98	3.05	2.68	87.87	1.49	48.85						
25	A-18-145	74.98	78.03	3.05	2.39	78.36	0.99	32.46						
26	A-18-145	78.03	81.08	3.05	2.82	92.46	2.14	70.16						
27	A-18-145	81.08	84.12	3.04	2.96	97.37	2.01	66.12						
28	A-18-145	84.12	87.17	3.05	2.66	87.21	0.95	31.15						
29	A-18-145	87.17	90.22	3.05	2.2	72.13	0.68	22.30						
30	A-18-145	90.22	93.27	3.05	2.36	77.38	0.96	31.48						
31	A-18-145	93.27	96.32	3.05	2.82	92.46	0.69	22.62						
32	A-18-145	96.32	99.36	3.04	2.52	82.89	1.07	35.20						
33	A-18-145	99.36	102.41	3.05	2.74	89.84	0.89	29.18						
34	A-18-145	102.41	105.46	3.05	3.02	99.02	1.35	44.26						
35	A-18-145	105.46	108.51	3.05	2.65	86.89	1	32.79						
36	A-18-145	108.51	111.56	3.05	2.94	96.39	2	65.57						
37	A-18-145	111.56	114.60	3.04	2.9	95.39	1.54	50.66						
38	A-18-145	114.60	117.65	3.05	2.97	97.38	2	65.57						
39	A-18-145	117.65	120.70	3.05	2.96	97.05	2.41	79.02						
40	A-18-145	120.70	123.75	3.05	3.05	100.00	2.47	80.98						
41	A-18-145	123.75	126.80	3.05	2.9	95.08	1.92	62.95						
42	A-18-145	126.80	129.84	3.04	2.71	89.14	2.37	77.96						
43	A-18-145	129.84	132.89	3.05	2.45	80.33	1.18	38.69						
44	A-18-145	132.89	135.94	3.05	2.25	73.77	0.32	10.49						
45	A-18-145	135.94	138.99	3.05	2.42	79.34	0.56	18.36						
46	A-18-145	138.99	142.04	3.05	2.72	89.18	0.49	16.07						
47	A-18-145	142.04	145.08	3.04	2.47	81.25	0.87	28.62						
48	A-18-145	145.08	148.13	3.05	2.87	94.10	0.86	28.20						
49	A-18-145	148.13	151.18	3.05	3	98.36	2.79	91.48						
50	A-18-145	151.18	154.23	3.05	3.17	103.93	1.56	51.15						
51	A-18-145	154.23	157.28	3.05	2.94	96.39	1.93	63.28						
52	A-18-145	157.28	160.32	3.04	2.93	96.38	2.43	79.93						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**RECOVERY (m)**	**RECOVERY %**	**RQD (m)**	**RQD**	**CONCRETIONS**	**0-1**	**1-2**	**2-5**	**5-10**	**10+**
53	A-18-145	160.32	163.37	3.05	2.86	93.77	2.86	93.77						
54	A-18-145	163.37	166.42	3.05	2.61	85.57	1.87	61.31						
55	A-18-145	166.42	169.47	3.05	2.83	92.79	2.09	68.52						
56	A-18-145	169.47	172.52	3.05	2.99	98.03	1.93	63.28						
57	A-18-145	172.52	175.56	3.04	2.88	94.74	1.33	43.75						
58	A-18-145	175.56	178.61	3.05	2.7	88.52	0.1	3.28						
59	A-18-145	178.61	181.66	3.05	2.75	90.16	0.56	18.36						
60	A-18-145	181.66	184.71	3.05	2.9	95.08	0.94	30.82	1					1
61	A-18-145	184.71	187.76	3.05	2.65	86.89	1.74	57.05						
62	A-18-145	187.76	190.80	3.04	2.82	92.76	1.31	43.09	1					1
63	A-18-145	190.80	193.85	3.05	2.5	81.97	1.34	43.93						
64	A-18-145	193.85	196.90	3.05	2.7	88.52	1.78	58.36						
65	A-18-145	196.90	198.12	1.22	1.2	98.36	0.69	56.56						

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION	
CS		CASING	
911		Missing core	
2SST	**WARNEFORD FORMATION**	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.	
3SH	**AKIE FORMATION**	Shale	
3RB	**AKIE FORMATION**	Ribbon Bedded Cherts?	Poorly Defined
3BX	**AKIE FORMATION**	Breccia	Poorly Defined
3SS	**AKIE FORMATION**	Sandstone	Poorly Defined
3DSH	**AKIE FORMATION**	Medium/dark grey to black, moderately soft mudstone with wispy, discontinuous, well laminated, fine pyrite	
3BDSH	**AKIE FORMATION**	Black to dark grey, bedded shale with beds convoluted and pinching and swelling at variable orientations TCA.	
3SH	**AKIE FORMATION**	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.	
4SH	**GUNSTEEL FORMATION**	Black, graphitic shales with disseminated vfg pyrite	
4SS	**GUNSTEEL FORMATION**	Dark grey to black fg siltstones	
4FSH	**GUNSTEEL FORMATION**	Fragmental shale with variably sized fragments and clasts composed of shale, siltstone, etc.	
4PYSH	**GUNSTEEL FORMATION**	Laminated pyrite with nodular Barite beds interbedded with black shales	
4BSH	**GUNSTEEL FORMATION**	Nodular barite beds interbedded with black shales and weak-very weak laminated pyrite.	
4MBSH	**GUNSTEEL FORMATION**	Laminated to Massive bedded barite with minor nodular barite	
4CSH	**GUNSTEEL FORMATION**	Laminated chert beds interbedded with black shales	
4MPSH	**GUNSTEEL FORMATION**	Bedded Pyrite with minor Sp and Pb interbedded with black shales	
4CC	**GUNSTEEL FORMATION**	Laminated massive sulphides of steel grey to amber sphalerite, galena and pyrite interbedded with black shales	
4MS	**Gunsteel Formation**	Semi-massive to crudely layered sulphide lens	
4LPSH	**Gunsteel Formation**	Laminar bedded Pyrite, irregular concretions, and interbedded shale	
4LBSH	**Gunsteel Formation**	Nodular to Laminar bedded Barite, irregular concretions, and interbedded shale	

AKIE LITHOLOGY LEGEND

5SS	**Paul River Formation**	Black, carbonaceous to siliceous argillite interbedded with abundant light grey calcareous siltstones & debris flow beds.
5SH	**Paul River Formation**	Black, carbonaceous to siliceous mudstone/shale interbedded with pyritic siltstone beds to abundant debris flow beds.
5LS	**Paul River Formation**	Non fossiliferous limestone
5BLS	**Paul River Formation**	Fossiliferous, bioclastic limestone
5BXLS	**Paul River Formation**	Brecciated limestone, or a debris flow containing limestone, siltstone and or shale fragments
6SS	**ROAD RIVER GROUP**	Siltstone
6CSS	**ROAD RIVER GROUP**	Generally well beddded calcareous to dolomitic siltstone
6SH	**ROAD RIVER GROUP**	Shale/mudstones
6LS	**ROAD RIVER GROUP**	Limestone
7SH	**ROAD RIVER GROUP**	Black Graptolitic Shale

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
FA-UP	Fold Axis-Hinge Uphole
FA-Down	Fold Axis-Hinge Downhole
FA-Z	Fold Axis in apparent z fold
FA-S	Fold Axis in apparent s fold
FA-W	Fold Axis in apparent w fold
FA-M	Fold Axis in apparent m fold
CLV	Cleavage
T-UP	Topping direction uphole
T-DOWN	Topping direction downhole

ALTERATION

SILC	Siliceous alteration
CARB	Carbonate alteration (present in the form of calcite or abundant carbonate veining (stringers and veinlets)

GROUP & FORMATION

WRF	**WARNEFORD FORMATION**
AKF	**AKIE FORMATION**
GSF	**GUNSTEEL FORMATION**
PRF	**PAUL RIVER FORMATION**
RRG	**ROAD RIVER GROUP**

Akie Property

Drill Hole # A-18-146

Date	06-Jul-18	Logger	S. Bartlett

Collar Orientation

Proposed	
Azimuth	51
Dip	-71
Length (m)	600

Actual	
Azimuth	51
Dip	-71.35
Length (m)	151.49

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6359628
Easting (m)	389058
Elevation (m)	1330
Grid Section	3975s

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ
Date Started	06-Jul-18
Date Completed	09-Jul-18
Capped	No
Casing	No
Drilled Units	Imperial (converted to metric)

Goal: Drilling on the SE Extension.

Comments: The magnetic declination for 2018 18.5 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	51	-71
11.28	46.6	-71.3
60.05	46.6	-65.9
105.77	45.2	-62
151.49	40.9	-52.1
151.49	41.1	-51.9

Hole Summary: This hole collars into fragmental black shale of the Gusnteel Formation. The hole generally comprises massive black shale of the gunsteel formation intebredded with <1m beds of hard, grey chert. From 74.56m to EOH at 151.49m, the hole intercepts 2 metre to 20 metre wide units of nadular barite laminated shale, massive black shale, and fragmental balck shale. **The hole was shut down early due harshly shallowing dip (see surveys).**

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-146	0.00	4.57	4.57	CS	Casing/Overburden	CS		CS
A-18-146	4.57	7.55	2.98	Fragmental black shale	Heavily faulted/fractured section of fragmental shale with mm to cm scale, angular to sub-rounded, light to medium grey, variably pyrite-carbonate altered silty fragments within a massive black shale matrix. The lower contact of the unit is gradational with a gradual decrease of fragments in the final approx. 50cm.	4FSH		GSF
A-18-146	7.55	12.02	4.47	Massive, hard, black shale	Generally massive, moderately hard, black shale with v.f.g. brassy yellow pyrite disseminated throughout. Minor generally 1mm to 5mm but up to 2cm, light grey silty laminations/beds are randomly distributed throughout often with 2-5% f.g. brassy yellow pyrite. Recovery throughout the unit is very poor until the sharp contact with the underlying chert bed.	4SH		GSF
A-18-146	12.02	12.20	0.18	Light grey chert	Very hard, fine grained, light grey chert with irregular black fracture laminations.	4CSH		GSF
A-18-146	12.20	43.95	31.75	Massive, hard, black shale	Generally massive, moderately hard, black shale with v.f.g. brassy yellow pyrite disseminated throughout. Minor generally 1mm to 5mm but up to 2cm, light grey silty laminations/beds are randomly distributed throughout often with 2-5% f.g. brassy yellow pyrite. At 14.80m, a fold is present in a silty bed. Occassional, <20cm wide zones with 1mm to 2mm wide concretions are present (7.80m to 8.0m). Bedding shallows towards 29.57m, from 60 to 70 degrees TCA to 45 to 50 degrees TCA. The unit is faulted throughout with faults generally appearing as poker chip rubble with slick surfaces and minor gouge development. Minor <3mm qtz-carbonate-yellow brown sphalerite veins are present at 32.28m and 39.70m. These veins are discontinuous and sph is <2mm in width.	4SH		GSF
A-18-146	43.95	44.75	0.80	Light grey, laminated chert	Very hard, fine grained, light grey laminated chert with some minor qtz-carbonate veining and minor, undulating black fractures throughout	4CSH		GSF
A-18-146	44.75	59.44	14.69	Massive hard black shale	Generally massive, moderately hard, black shale with v.f.g brassy yellow pyrite disseminated throughout. Cleavage through the interval is 50 to 60 degrees TCA. Occasionally brassy yellow pyrite will grow to f.g. (<1mm) and occur in more concentrated patches. At 58.25m, a 1cm wide, interlaminated bed of dull brown pyrite and 1-2mm wide by 2-5mm long, nodular barite weakly altered to carbonate-pyrite is present.	4SH		GSF
A-18-146	59.44	59.57	0.13	Light grey chert	Very hard, light grey chert with texture destroyed by drill chatter marks. The upper and lower contacts of this minor chert bed are sharp.	4CSH		GSF
A-18-146	59.57	74.56	14.99	Massive hard black shale	Generally massive, moderately hard, black shale with v.f.g brassy yellow pyrite disseminated throughout. Beneath the sharp upper contact at 59.57m is a 5cm interlaminated bed of dull brown pyrite. Another similar bed occurs from 60.48 to 60.60m. In the centre of this section is a 1cm bed of strongly carbonate-pyrite altered nodular barite. Cleavage and bedding throughout the unit are consistently 55 to 60 degrees TCA. From 65.98m to 66.64m is a grey calcareous concretion which is internally fractured and brecciated with angular, calcareous concretion clasts contained within a brown/grey carbonate matrix. Sparse <2mm, qtz-carbonate-pyrite veins generally orientated at 40 to 70 degrees TCA are present throughout the unit. The unit becomes heavily faulted from 64.24m onward to the lower contact. The lower contact of the unit is gradational with the underlying 4BSH.	4SH		GSF
A-18-146	74.56	79.45	4.89	Moderately hard, black shale with variably distributed nodular barite	This unit comprises black massive shale with v.f.g brassy yellow pyrite. Throughout the unit are 1mm to 2mm variably carbonate-pyrite altered barite nodules. These barite nodules tend to concentrate in 10 to 30 cm beds throughout (e.g. 76.45m to 76.72m) From the upper contact to 75.45m, there are 1 to 3mm wide, anastomosing qtz-carbonate veins orientated at generally 60 degrees TCA that contain yellow to brown 1mm to 3mm wide sphalerite. Also present are light grey variably crenulated to angular siltstone clasts (e.g. 75.78m). Occasional, < 1cm wide light grey silty beds occur throughout (78.90m). The unit is texturally variable throughout with recessive hairline fractures and colour changes from black to dark grey on a cm scale both parallel and perpendicular to bedding suggesting frequent variation in silt/mud content. There is a large, grey calcareous concretion from 78.45m to 78.70m. Unaltered nodular barite is present from 78.70m to 79.32m.	4BSH		GSF
A-18-146	79.45	82.50	3.05	Moderately hard, massive, black shale	Massive, moderately hard/siliceous, black shale with v.f.g disseminated brassy yellow pyrite. The unit is generally heavily faulted throughout with several sub-metre scale sections of pure black gouge.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-146	82.50	88.54	6.04	Moderately hard, massive, black shale with minor nodular barite beds	Massive, moderately hard/siliceous, black shale with v.f.g disseminated brassy yellow pyrite. Less than 2m intervals of black shale are interbedded with < 10cm wide, beds of laminated, variably carbonate-pyrite altered, < 2mm wide by <4mm long, nodular barite. Occasionally these beds also have a very minor amount of dull brown, laminated pyrite (e.g. 86.06m). A large grey, calcareous concretion is present from 87.26 to 87.55m. The lower contact of the unit is sharp and marked by the first appearance of a limestone fragment.	4SH	4BSH	GSF
A-18-146	88.54	93.03	4.49	Chaotic, clastic debris flow with siltstone and limestone pebbles, cobbles, and boulders within a black, siliceous shale matrix.	This unit is visually distinct with pebbles, cobbles, and boulders of grey laminated siltstone and light grey brecciated limestone within a siliceous black shale matrix. As siltstone boulder is present from 88.60m to 88.90m with its internal thin to thick laminations sitting at an incongruous angle to cleavage/bedding within the shale. From 89.0m to 91.44m, the unit is predominantly composed of angular to sub rounded, variably orientated light grey limestone clasts (generally 10-20cm wide). These limestone clasts appear to be internally brecciated with dark to light grey angular to sub angular grey limestone clasts hosted in a black mud and/or grey granular calcareous matrix (distinct from non-cancerous shale matrix of the overall unit). The limestone clasts are host to frequent hairline to 1cm wide, clotty, discontinuous qtz-carbonate-pyrobitumen veins. At 89.33m, a grey limestone clast is altered by brassy yellow pyrite with the strength of alteration decreasing from strong to weak towards the margins of the clast. Limestone clasts end abruptly at 91.43m and from here until the lower contact the unit comprises a chaotic mix of variably rotated and/or deformed fragmentary shale and nodular barite laminated segments.	4FSH		GSF
A-18-146	93.03	96.93	3.9	Moderately hard, massive, black shale	Massive, moderately hard/siliceous, black shale with v.f.g disseminated brassy yellow pyrite.	4SH		GSF
A-18-146	96.93	103.65	6.72	Massive hard black shale interbedded with laminated nodular barite beds	The unit comprises massive, black, siliceous shale interbedded with <20cm wide laminated beds of nodular barite that are variably altered to carbonate-pyrite. These nodular barite beds are variably orientated throughout with bedding orientated at 30 degrees TCA in some intervals and overturned (105 degrees TCA) relative to cleavage in others. The lower contact is sharp and marked by the last occurring nodular barite bed.	4BSH	4SH	GSF
A-18-146	103.65	105.70	2.05	Fragmental black shale	Variably orientated, grey, silty, variably carbonate-pyrite altered, generally 1 to 3mm wide, fragments within a massive, black siliceous shale. Minor Laminated nodular barite is present from 104.33m to 104.57m. The lower contact of the unit is obscured by a 15cm wide concretion that is preceded by a minor fault.	4FSH		GSF
A-18-146	105.70	118.98	13.28	Hard, siliceous massive black shale.	Massive, moderately hard/siliceous, black shale with v.f.g disseminated brassy yellow pyrite. Minor <1mm laminated, unaltered, nodular barite is present is some <5cm wide beds early in the interval (e.g. 108.09m and 108.57m). Few light grey, 15cm wide, silty, calcareous intervals are present from 110.05m to 110.20m and 116.48m to 116.63m. The lower contact is sharp and marked by the first appearance of a barite bed. Though cleavage is consistently 45 to 60 degrees TCA throughout, nodular barite beds occasionally steepen to 80 to 105 degrees TCA.	4SH		GSF
A-18-146	118.98	140.14	21.16	Fragmental black shale with minor laminated nodular barite beds	The unit varies between massive, black siliceous shale interbedded with a fragmental shale with generally 1mm to 3mm variably orientated, grey, silty fragments that are carbonate-pyrite altered. This fragmental shale occurs in 10cm to 1m wide beds. Minor, < 10cm wide, unaltered nodular barite beds are present (124.12m), occasionally with very minor dull brown pyrite laminations. From 121.87m to 122.35m is a texturally distinct zone that has angular, <1cm wide by 5cm long, black shale clasts within a brassy-yellow pyrite qtz-carbonate matrix. "Clasts" of black shale are generally orientated parallel to cleavage/bedding making this appear to be an "in-situ" brecciated vein zone though a few minor 1cm wide sub-rounded shale clasts are present in the first 10cm along with a grey, muddy calcareous matrix mixed within the carbonate-pyrite-qtz material. Bedding, most evident in minor silty laminations found randomly throughout with f.g. brassy yellow pyrite, varies from 45 to 70 degrees TCA throughout and cleavage from 45 to 70 degrees TCA as well. both beddign and cleavage steepen towards the lower contact. Occassional laminated light grey limestoen clasts are present (e.g. 130.20m). The unit is heaivly fualted from 129.36m to the lower contact. Minor, hairline to 3mm wide, discontinuous, carb-qtz-pyrite veins are present throughout.	4FSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-146	140.14	151.49	11.35	Hard, siliceous massive black shale.	Massive, moderately hard/siliceous, black shale with v.f.g disseminated brassy yellow pyrite. Minor sections are present with pinching and selling silty and cherty lenses (142.34 to 142.67m). The unit has minor fualts throughout and bedding is 60 to 62 degrees TCA and cleavage is 62 to 63 degrees TCA	4SH		GSF
A-18-146	EOH							

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-18-146	73.56	75.38	1.82	Variably distributed, hairline to 3mm wide, anastomosing qtz-carbonate veins with 1mm to 3mm yellow-brown sphalerite	2	60
A-18-146	89	91.44	2.44	Frequent hairline to 1cm wide, clotty, discontinuous qtz-carbonate-pyrobitumen veins.	3	90

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-146	0	12.86	12.86	Fault that the hole collars into with rubble and composite pieces <10cm wide. Zones of chips, black. Grey gouge and slick surfaces are developed throughout.	FLT	NA
A-18-146	13.04	13.05	0.01	Cleavage	CLV	63
A-18-146	13.94	13.95	0.01	Cleavage	CLV	60
A-18-146	14.25	14.26	0.01	Cleavage	CLV	65
A-18-146	14.8	14.81	0.01	Fold Axis in silty laminations	FA	44
A-18-146	15.3	15.31	0.01	Silty laminations	BDG	62
A-18-146	15.94	15.95	0.01	Cleavage	CLV	60
A-18-146	16.81	16.82	0.01	Silty laminations	BDG	66
A-18-146	17.13	17.14	0.01	Cleavage	CLV	50
A-18-146	17.91	17.92	0.01	Silty laminations	BDG	68
A-18-146	18.11	18.2	0.09	Fault zone with rubble and slick surfaces developed	FLT	40
A-18-146	18.53	18.54	0.01	Silty laminations	BDG	70
A-18-146	18.8	18.81	0.01	Silty laminations	BDG	68
A-18-146	19.82	19.83	0.01	Silty laminations	BDG	70
A-18-146	20.07	20.08	0.01	Cleavage	CLV	45
A-18-146	20.17	20.18	0.01	Silty laminations	BDG	75
A-18-146	21.04	21.05	0.01	Cleavage	CLV	55
A-18-146	22.04	23.4	1.36	Faulted zone with frequent rubble and minor slick surfaces development	FLT	65
A-18-146	23.67	24.76	1.09	Faulted zone with chips and black gouge	FLT	55
A-18-146	25.28	25.29	0.01	Silty Lamination	BDG	65
A-18-146	25.28	25.29	0.01	Cleavage	CLV	42
A-18-146	25.77	25.78	0.01	Silty Lamination	BDG	42
A-18-146	27.14	28.13	0.99	Well developed fault with black gouge material, well developed slick surfaces, and minor veining throughout.	FLT	60
A-18-146	28.56	28.57	0.01	Silty Lamination	BDG	58
A-18-146	28.65	29.3	0.65	Faulted interval with poker chip core and minor gouge development along fracture surfaces.	FLT	60
A-18-146	29.56	29.57	0.01	Silty Lamination	BDG	50
A-18-146	29.77	29.78	0.01	Cleavage	CLV	50
A-18-146	30.13	30.14	0.01	Muddy Lamination	BDG	50
A-18-146	31.13	31.14	0.01	Cleavage	CLV	50
A-18-146	32.44	32.45	0.01	Silty lamination	BDG	50
A-18-146	32.86	32.87	0.01	Cleavage	CLV	46
A-18-146	34.04	34.05	0.01	Cleavage	CLV	43
A-18-146	34.74	34.75	0.01	Silty Bed	BDG	57
A-18-146	35.35	35.36	0.01	Cleavage	CLV	46
A-18-146	35.48	35.49	0.01	Silty Bed	BDG	54
A-18-146	35.84	35.85	0.01	Silty Bed	BDG	48
A-18-146	36.11	36.12	0.01	Cleavage	CLV	50

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-146	36.96	37.33	0.37	Fault with rubble chips and frequent black gouge	FLT	47
A-18-146	37.47	37.48	0.01	Silty Lamination	BDG	54
A-18-146	37.86	37.87	0.01	Silty Lamination	BDG	55
A-18-146	38	38.44	0.44	Heavily faulted section with and increase n black gouge towards base of fault	FLT	NA
A-18-146	38.63	38.64	0.01	Silty lamination	BDG	52
A-18-146	39.22	39.23	0.01	Silty Bed	BDG	55
A-18-146	39.92	39.93	0.01	Cleavage	CLV	56
A-18-146	40.03	41.84	1.81	Heavily faulted zone with poker chip core and minor gouge developed along fracture surfaces throughout	FLT	65
A-18-146	41.96	41.97	0.01	Cleavage	CLV	50
A-18-146	42.2	42.83	0.63	Faulted section with rubble and minor grey gouge developed along surfaces.	FLT	55
A-18-146	43	43.01	0.01	Cleavage	CLV	56
A-18-146	45.21	51.08	5.87	Large faulted zone with black gouge and slick surfaces developed along rubble throughout.	FLT	55
A-18-146	51.22	51.23	0.01	Cleavage	CLV	60
A-18-146	51.77	51.78	0.01	Cleavage	CLV	55
A-18-146	52.44	52.45	0.01	Cleavage	CLV	50
A-18-146	53.47	53.48	0.01	Cleavage	CLV	53
A-18-146	53.96	53.97	0.01	Cleavage	CLV	48
A-18-146	54.42	54.91	0.49	Faulted zone with rubble and well developed slick surfaces	FLT	64
A-18-146	56.35	56.36	0.01	Cleavage	CLV	50
A-18-146	56.75	56.82	0.07	Fault	FLT	60
A-18-146	56.95	56.96	0.01	Cleavage	CLV	55
A-18-146	57.57	58	0.43	Faulted section with final 15cm being well developed black gouge.	FLT	50
A-18-146	58.28	58.29	0.01	Pyrite Lamination	BDG	60
A-18-146	59.64	59.65	0.01	Pyrite lamination	BDG	60
A-18-146	60.5	60.51	0.01	Pyrite Lamination	BDG	65
A-18-146	61.65	61.66	0.01	Cleavage	CLV	52
A-18-146	62.31	62.32	0.01	Cleavage	CLV	56
A-18-146	62.89	62.9	0.01	Silty Lamination	BDG	58
A-18-146	63.2	63.21	0.01	Silty Lamination	BDG	58
A-18-146	63.72	63.73	0.01	Silty Bed	BDG	60
A-18-146	64.04	64.05	0.01	Cleavage	CLV	59
A-18-146	64.14	64.15	0.01	Silty Bed	BDG	60
A-18-146	64.24	65.2	0.96	Faulted zone with some <10cm competent sections but some minor intervals of rubble on which slick surfaces and minor grey gouge is developed.	FLT	60
A-18-146	65.5	66	0.5	Fault zone with slick surfaces along poker chip rubble.	FLT	60

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-146	66.66	71.55	4.89	Heavily faulted zone with some poker chip core, some gouge development, and minor angular rubble throughout that is a part of a large fault structure.	FLT	55
A-18-146	67.88	67.89	0.01	Cleavage	CLV	65
A-18-146	68.43	68.44	0.01	Silty Lamination	BDG	70
A-18-146	68.52	68.53	0.01	Cleavage	CLV	60
A-18-146	69.58	69.59	0.01	Silty Lamination	BDG	59
A-18-146	69.71	70.36	0.65	Fault zone with well developed rubble and minor grey gouge.	FLT	60
A-18-146	70.62	70.63	0.01	Silty Laminations	BDG	58
A-18-146	71	71.01	0.01	Cleavage	CLV	55
A-18-146	71.08	71.56	0.48	Faulted zone rubble and well developed black gouge	FLT	70
A-18-146	72.23	73.51	1.28	Faulted zone with rubble and well developed gouge.	FLT	65
A-18-146	74.1	74.54	0.44	Faulted zone with rubble and well developed gouge.	FLT	50
A-18-146	74.84	74.85	0.01	Cleavage	CLV	60
A-18-146	74.85	75.29	0.44	Heavily faulted zone with well developed black gouge and minor slick surfaces.	FLT	55
A-18-146	75.64	75.65	0.01	Cleavage	CLV	54
A-18-146	76.29	76.3	0.01	Cleavage	CLV	52
A-18-146	76.48	76.49	0.01	Silty Lamination	BDG	65
A-18-146	76.89	76.9	0.01	Cleavage	CLV	60
A-18-146	77.31	77.8	0.49	Faulted zone with rubble and well developed slick surfaces.	FLT	55
A-18-146	78.09	78.1	0.01	Cleavage	CLV	56
A-18-146	78.93	78.94	0.01	Silty Bed	BDG	60
A-18-146	79.18	80.65	1.47	Heavily faulted zone with pure black gouge I the final 20 cm.	FLT	65
A-18-146	80.84	81.47	0.63	Moderately faulted zone with grey gouge and well developed slick surfaces.	FLT	60
A-18-146	81.52	81.53	0.01	Cleavage	CLV	55
A-18-146	82.29	82.3	0.01	Cleavage	CLV	64
A-18-146	82.53	82.54	0.01	Fold Axis in silty laminations	FA	46
A-18-146	82.63	84.44	1.81	Heavily faulted zone with grey rubble, slick surfaces, and grey gouge.	FLT	45
A-18-146	84.63	84.64	0.01	Silty Bed	BDG	53
A-18-146	84.88	84.89	0.01	Cleavage	CLV	50
A-18-146	85.29	85.94	0.65	Rubble zone with slick surfaces and very minor grey gouge	FLT	60
A-18-146	86.05	86.06	0.01	Nodular Barite Bed	BDG	35
A-18-146	86.3	86.31	0.01	Cleavage	CLV	50
A-18-146	86.5	86.79	0.29	Faulted zone with poker ship core and minor grey fault gouge.	FLT	60
A-18-146	88.94	88.95	0.01	Cleavage	CLV	54
A-18-146	89.4	89.41	0.01	Cleavage	CLV	42

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-146	91.86	91.87	0.01	Cleavage	CLV	72
A-18-146	91.63	91.64	0.01	Silty Lamina	BDG	75
A-18-146	93	93.01	0.01	Cleavage	CLV	50
A-18-146	94.52	94.53	0.01	Cleavage	CLV	61
A-18-146	97.01	97.02	0.01	Nodular Barite Bed	BDG	100
A-18-146	98.36	98.37	0.01	Cleavage	CLV	55
A-18-146	99.09	99.1	0.01	Cleavage	CLV	45
A-18-146	99.54	99.55	0.01	Nodular Barite Bed	BDG	30
A-18-146	99.77	99.78	0.01	Silty Lamina	BDG	32
A-18-146	100.15	100.16	0.01	Silty Lamina	BDG	38
A-18-146	100.52	101.65	1.13	Heavily faulted zone with pure gouge in final 40cm. Final contact of fault with rock is well defined - good orientation measurement.	FLT	30
A-18-146	102.46	102.61	0.15	Fault zone with poker chip core and some slick surfaces.	FLT	35
A-18-146	102.91	103.42	0.51	Heavily faulted zone with grey graphitic gouge and poker chip core.	FLT	NA
A-18-146	103.53	103.54	0.01	Cleavage	CLV	58
A-18-146	103.6	103.61	0.01	Nodular Barite Bed	BDG	46
A-18-146	103.77	103.78	0.01	Cleavage	CLV	55
A-18-146	104.1	104.11	0.01	Cleavage	CLV	38
A-18-146	104.45	104.46	0.01	Nodular Barite Bed	BDG	6
A-18-146	105.24	105.25	0.01	Cleavage	CLV	65
A-18-146	105.84	106.4	0.56	Fault zone with rubble and moderate gouge development	BDG	
A-18-146	106.91	107.53	0.62	Fault zone with moderate rubble and slick surface development.	FLT	NA
A-18-146	108.1	108.11	0.01	Nodular Barite Bed	BDG	80
A-18-146	108.48	108.49	0.01	Cleavage	CLV	52
A-18-146	108.62	108.63	0.01	Nodular Barite Bed	BDG	105
A-18-146	109.95	109.96	0.01	Cleavage	CLV	45
A-18-146	110.57	110.58	0.01	Cleavage	CLV	60
A-18-146	110.92	110.93	0.01	Cleavage	CLV	45
A-18-146	111.58	112.16	0.58	Fault zone with rubble, minor gouge, and some slick surfaces.	FLT	60
A-18-146	112.71	112.72	0.01	Cleavage	CLV	48
A-18-146	114.67	114.68	0.01	Cleavage	CLV	55
A-18-146	116.22	116.23	0.01	Cleavage	CLV	60
A-18-146	116.47	116.48	0.01	Silty Bed	BDG	56
A-18-146	116.87	116.88	0.01	Silty Lamina	BDG	50
A-18-146	117.12	117.76	0.64	Faulted zone with some gouge material and minor poker chip rubble.	FLT	65
A-18-146	117.87	117.88	0.01	Silty Lamina	BDG	43
A-18-146	119.2	119.21	0.01	Silty Lamina	BDG	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-146	120.05	120.06	0.01	Silty Lamina	BDG	45
A-18-146	120.58	120.59	0.01	Cleavage	CLV	64
A-18-146	120.88	120.89	0.01	Cleavage	CLV	55
A-18-146	121.76	121.77	0.01	Silty lamina	BDG	70
A-18-146	122.03	122.07	0.04	Cleavage	CLV	67
A-18-146	123.53	123.54	0.01	Silty Lamina	BDG	55
A-18-146	124.15	124.16	0.01	Silty Lamina	BDG	55
A-18-146	124.51	124.52	0.01	Fold Axis in nodular barite	FA	95
A-18-146	124.66	124.67	0.01	Cleavage	CLV	65
A-18-146	125.05	125.06	0.01	Silty lamination	BDG	60
A-18-146	125.66	125.67	0.01	Cleavage	CLV	70
A-18-146	126.6	126.61	0.01	Nodular Barite Bed	BDG	65
A-18-146	127.46	127.47	0.01	Cleavage	CLV	60
A-18-146	127.53	127.61	0.08	Minor fault zone with black gouge and slick surfaces on rubble	FLT	60
A-18-146	129.27	129.28	0.01	Cleavage	CLV	70
A-18-146	129.36	129.51	0.15	Fault zoen with rubble and minor blakc gouge	FLT	80
A-18-146	130.08	130.7	0.62	Heavily faulted zone with chips and minor black gouge	FLT	80
A-18-146	131.2	137.9	6.7	Large heavily fualted zone with intervals of chips with grey gouge, poker chip rubble with clisck surfaces, and minor <10cm wide competent sections.	FLT	80
A-18-146	133.05	133.06	0.01	Cleavage	CLV	63
A-18-146	133.52	133.53	0.01	Cleavage	CLV	63
A-18-146	133.59	133.6	0.01	Silty Bed	BDG	65
A-18-146	138.03	138.04	0.01	Cleavage	CLV	70
A-18-146	138.27	138.28	0.01	Silty lamina	BDG	70
A-18-146	138.48	138.49	0.01	Cleavage	CLV	67
A-18-146	138.9	138.91	0.01	Cleavage	CLV	60
A-18-146	139.18	139.29	0.11	Fualted zone with minor black gogue and slick surfaces	FLT	65
A-18-146	139.68	139.69	0.01	Cleavage	CLV	55
A-18-146	140.21	140.22	0.01	Cleavage	CLV	66
A-18-146	140.5	141.1	0.6	Minor Fualted surface with rubble and grey gouge development	FLT	NA
A-18-146	141.46	141.47	0.01	Cleavage	CLV	63
A-18-146	142.25	142.26	0.01	Cleavage	CLV	62
A-18-146	144.01	144.02	0.01	Cleavage	CLV	63
A-18-146	144.96	144.97	0.01	Cleavage	CLV	63
A-18-146	147.34	149.92	2.58	Large faulted zoen with rubble, black gouge, and slick surfaces developed along paker chip rubble.	FLT	75
A-18-146	150.43	150.44	0.01	Silty lamina	BDG	60
A-18-146	150.54	150.55	0.01	Cleavage	CLV	63
A-18-146	150.91	150.92	0.01	Cleavage	CLV	65

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-146	151.11	151.12	0.01	Silty Lamina	BDG	62

HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-18-146	0.00		50	-71.35		Collar	Yes	
A-18-146	11.28	28.1	46.6	-71.3	5754	Reflex	Yes	
A-18-146	60.05	28.1	46.6	-65.9	5690	Reflex	Yes	
A-18-146	105.77	26.7	45.2	-62	5692	Reflex	Yes	
A-18-146	151.49	22.6	41.1	-51.9	5687	Reflex	Yes	
A-18-146	151.49	22.4	40.9	-52.1	5688	Reflex	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-146	4.57	5.18	0.61	1	163.93	0	0.00						
A-18-146	5.18	8.23	3.05	2.29	75.08	0	0.00						
A-18-146	8.23	11.28	3.05	2.14	70.16	0.21	6.89						
A-18-146	11.28	14.33	3.05	2.61	85.57	0.19	6.23						
A-18-146	14.33	17.37	3.04	2.65	87.17	0.84	27.63						
A-18-146	17.37	20.42	3.05	2.69	88.20	1.72	56.39						
A-18-146	20.42	23.47	3.05	2.22	72.79	0.44	14.43						
A-18-146	23.47	26.52	3.05	2.5	81.97	0.67	21.97						
A-18-146	26.52	29.57	3.05	2.56	83.93	0.53	17.38						
A-18-146	29.57	32.61	3.04	2.9	95.39	0.56	18.42						
A-18-146	32.61	35.66	3.05	2.47	80.98	0.6	19.67						
A-18-146	35.66	38.71	3.05	2.77	90.82	0.15	4.92						
A-18-146	38.71	41.76	3.05	1.72	56.39	0.00	0.00						
A-18-146	41.76	44.81	3.05	2.71	88.85	1.43	46.89						
A-18-146	44.81	47.85	3.04	1.89	62.17	0.24	7.89						
A-18-146	47.85	50.90	3.05	1.29	42.30	0.1	3.28						
A-18-146	50.90	53.95	3.05	2.1	68.85	1.17	38.36						
A-18-146	53.95	57.00	3.05	2.3	75.41	1.36	44.59						
A-18-146	57.00	60.05	3.05	2.81	92.13	0.94	30.82						
A-18-146	60.05	63.09	3.04	2.85	93.75	1.1	36.18						
A-18-146	63.09	66.14	3.05	2.52	82.62	0.66	21.64						
A-18-146	66.14	69.19	3.05	2.78	91.15	0.26	8.52	1					1
A-18-146	69.19	72.24	3.05	2.61	85.57	0.00	0.00						
A-18-146	72.24	75.29	3.05	2.12	69.51	0.31	10.16						
A-18-146	75.29	78.33	3.04	2.75	90.46	1.07	35.20						
A-18-146	78.33	81.38	3.05	2.55	83.61	0.36	11.80	1					1
A-18-146	81.38	84.43	3.05	2.19	71.80	0.23	7.54						
A-18-146	84.43	87.48	3.05	2.7	88.52	0.65	21.31	1					1
A-18-146	87.48	90.53	3.05	2.86	93.77	1.61	52.79						
A-18-146	90.53	93.57	3.04	2.68	88.16	1.2	39.47						
A-18-146	93.57	96.62	3.05	2.99	98.03	1.53	50.16						
A-18-146	96.62	99.67	3.05	2.78	91.15	0.67	21.97						
A-18-146	99.67	102.72	3.05	2.58	84.59	1.27	41.64						
A-18-146	102.72	105.77	3.05	2.55	83.61	1.14	37.38	1					1
A-18-146	105.77	108.81	3.04	2.46	80.92	1.12	36.84						
A-18-146	108.81	111.86	3.05	2.86	93.77	1.37	44.92						
A-18-146	111.86	114.91	3.05	2.67	87.54	1.04	34.10						
A-18-146	114.91	117.96	3.05	2.65	86.89	1.68	55.08						
A-18-146	117.96	121.01	3.05	2.6	85.25	1.27	41.64						
A-18-146	121.01	124.05	3.04	2.65	87.17	1.35	44.41						
A-18-146	124.05	127.10	3.05	3.02	99.02	0.34	11.15						
A-18-146	127.10	130.15	3.05	2.84	93.11	1.08	35.41	2					2
A-18-146	130.15	133.20	3.05	2.14	70.16	0.71	23.28						
A-18-146	133.20	136.25	3.05	2.54	83.28	0.12	3.93						
A-18-146	136.25	139.29	3.04	2.18	71.71	0.25	8.22						
A-18-146	139.29	142.34	3.05	2.71	88.85	0.52	17.05						
A-18-146	142.34	145.39	3.05	2.8	91.80	0.88	28.85						
A-18-146	145.39	148.44	3.05	2.68	87.87	1.57	51.48						
A-18-146	148.44	151.49	3.05	2.97	97.38	0.64	20.98						

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION	
CS		CASING	
911		Missing core	
2SST	**WARNEFORD FORMATION**	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.	
3SH	**AKIE FORMATION**	Shale	
3RB	**AKIE FORMATION**	Ribbon Bedded Cherts?	Poorly Defined
3BX	**AKIE FORMATION**	Breccia	Poorly Defined
3SS	**AKIE FORMATION**	Sandstone	Poorly Defined
3DSH	**AKIE FORMATION**	Medium/dark grey to black, moderately soft mudstone with wispy, discontinuous, well laminated, fine pyrite	
3BDSH	**AKIE FORMATION**	Black to dark grey, bedded shale with beds convoluted and pinching and swelling at variable orientations TCA.	
3SH	**AKIE FORMATION**	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.	
4SH	**GUNSTEEL FORMATION**	Black, graphitic shales with disseminated vfg pyrite	
4SS	**GUNSTEEL FORMATION**	Dark grey to black fg siltstones	
4FSH	**GUNSTEEL FORMATION**	Fragmental shale with variably sized fragments and clasts composed of shale, siltstone, etc.	
4PYSH	**GUNSTEEL FORMATION**	Laminated pyrite with nodular Barite beds interbedded with black shales	
4BSH	**GUNSTEEL FORMATION**	Nodular barite beds interbedded with black shales and weak-very weak laminated pyrite.	
4MBSH	**GUNSTEEL FORMATION**	Laminated to Massive bedded barite with minor nodular barite	
4CSH	**GUNSTEEL FORMATION**	Laminated chert beds interbedded with black shales	
4MPSH	**GUNSTEEL FORMATION**	Bedded Pyrite with minor Sp and Pb interbedded with black shales	
4CC	**GUNSTEEL FORMATION**	Laminated massive sulphides of steel grey to amber sphalerite, galena and pyrite interbedded with black shales	
4MS	**Gunsteel Formation**	Semi-massive to crudely layered sulphide lens	
4LPSH	**Gunsteel Formation**	Laminar bedded Pyrite, irregular concretions, and interbedded shale	
4LBSH	**Gunsteel Formation**	Nodular to Laminar bedded Barite, irregular concretions, and interbedded shale	
5SS	**Paul River Formation**	Black, carbonaceous to siliceous argillite interbedded with abundant light grey calcareous siltstones & debris flow beds.	
5SH	**Paul River Formation**	Black, carbonaceous to siliceous mudstone/shale interbedded with pyritic siltstone beds to abundant debris flow beds.	
5LS	**Paul River Formation**	Non fossiliferous limestone	
5BLS	**Paul River Formation**	Fossiliferous, bioclastic limestone	
5BXLS	**Paul River Formation**	Brecciated limestone, or a debris flow containing limestone, siltstone and or shale fragments	
6SS	**ROAD RIVER GROUP**	Siltstone	
6CSS	**ROAD RIVER GROUP**	Generally well beddded calcareous to dolomitic siltstone	
6SH	**ROAD RIVER GROUP**	Shale/mudstones	
6LS	**ROAD RIVER GROUP**	Limestone	
7SH	**ROAD RIVER GROUP**	Black Graptolitic Shale	

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
FA-UP	Fold Axis-Hinge Uphole
FA-Down	Fold Axis-Hinge Downhole
FA-Z	Fold Axis in apparent z fold
FA-S	Fold Axis in apparent s fold
FA-W	Fold Axis in apparent w fold
FA-M	Fold Axis in apparent m fold
CLV	Cleavage
T-UP	Topping direction uphole
T-DOWN	Topping direction downhole

ALTERATION

SILC	Siliceous alteration
CARB	Carbonate alteration (present in the form of calcite or abundant carbonate veining (stringers and veinlets)

GROUP & FORMATION

WRF	**WARNEFORD FORMATION**
AKF	**AKIE FORMATION**
GSF	**GUNSTEEL FORMATION**
PRF	**PAUL RIVER FORMATION**
RRG	**ROAD RIVER GROUP**

ZINCX RESOURCES
TSX.V: ZNX

Akie Property

Drill Hole # A-18-147

Date	25-Jul-18	Logger	S. Bartlett and C. Fish

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6359628
Easting (m)	389058
Elevation (m)	1330
Grid Section	3975s

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ
Date Started	10-Jul-18
Date Completed	21-Jul-18
Capped	Y
Casing	3.05m
Drilled Units	Imperial (converted to metric)

Collar Orientation

Proposed	
Azimuth	51
Dip	-82
Length (m)	600

Actual	
Azimuth	51
Dip	-82
Length (m)	535.53

Goal: Drilling on the SE Extension.

Comments: The magnetic declination for 2018 18.5 deg East. Short run suspected drilling area between 322.17m to 325.22m, 380.09m to 383.13m, 498.96m to 502.01m and 508.1m to 511.15m.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0.00	51	-82
11.28	50.9	-80.6
57.00	44.6	-76.1
90.53	44.5	-73.5
117.96	42	-71.9
151.49	41	-70.6
181.97	38.4	-68.7
209.40	37.6	-67.1
258.17	35.3	-64.3
276.52	34.9	-62.2
303.89	34	-60.3
328.27	33	-53.8
331.32	34	-53.7
361.80	33	-50.6
392.28	31.8	-47.5
431.91	32.9	-46.5
462.39	34.1	-45.5
486.77	34.3	-44.6
508.10	35.7	-44
529.44	33.2	-43.3

Drill hole A-18-147 was collared into black siliceous Gunsteel shale which alternated from massive to fragmented in characteristic, with periodic interbeds of light grey cherty shale until 73.09m. From 73.09m to 97.00m, was an interval of distal type mineralisation characterized by nodular barite laminations and the first presence of a single interlaminated dull brown pyrite bed. This unit grades into a 52.19m unit of distal mineralisation characterised by frequent and concentrated nodular barite laminations with weak interlaminations of dull brown pyrite and shale. From 149.19m to 279.78m, the interval graded back into alternating units of massive, fragmented and cherty siliceous Gunsteel shale with few expressions of distal mineralisation.

A large interval of consistent hybridized proximal/distal mineralization was encountered from 279.78m to 447.81m (168.03m) where >10cm beds dense in laminations of dull brown pyrite and nodular barite with minor silt, were evenly spaced throughout with large shale interbeds throughout (e.g. 305.20m to 327.25m). Structure of the beds were consistently subparallel to cleavage until 368.48m where large scale deformation occurred and 2 dominant bedding orientations of about 35 degrees and 85 degrees TCA were present with fold axis approximately subparallel to bedding at 50 degrees TCA. Evidence of this large-scale deformation implied the core axis intersected the limb of a large-scale fold.

At 479.65m, an interval of more proximal mineralisation was intersected in which beds of massive pyrite and sulphides with rare nodular barite were oriented approximately 90 degrees TCA. Sphalerite laminations if present were small and difficult to distinguish. The beds were banded with some anastomosing texture around the frequent, small and numerous concretions within sulphide beds. It was interpreted that the Cardiac Creek zone was not intersected in this hole.

At 490.07m the massive pyrite interval graded back into massive black siliceous Gunsteel shale with light grey cherty shale interbeds. At 510.92m a large veining interval overprinted former distal mineralisation and was characterised by faint laminations of nodular barite and interbedded dull brown pyrite within anastomosing texture of veining structure. This veining graded through a light grey/blue cherty shale interbed and into a light grey crystalline limestone with large intersecting massive carbonate veins.

Siliceous alteration gradationally transitioned Paul River non-fossiliferous limestone into a calcareous, grey, well banded siltstone of the Road River group, where the hole was shut down. End of hole is 553.35m.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-147	0.00	3.05	3.05	CS	Casing/Overburden	CS		CS
A-18-147	3.05	12.96	9.91	Fragmental black shale	Dark grey to black, hard/siliceous shale with mm to cm scale clasts of grey silt and light grey/white interlaminated limestone. Fragments are irregular in shape often appearing highly angular and broken. The unit itself is heavily faulted/fracture with high amount of gouge and rubble throughout and red/brown surface oxidation until approx. 6.0m.	4FSH		GSF
A-18-147	12.96	62.18	49.22	Massive black siliceous shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. Minor, < 1cm lighter grey silty laminations to beds are present randomly distributed throughout the interval. At 17.37m, is a 10cm wide silty bed that appears to be internally folded/deformed (INTERP: Soft Sediment Deformation). Bedding in the interval varies from 25 to 60 degrees TCA though it is generally 45 to 50 degrees. Cleavage varies 35 to 50 degrees TCA. The unit is heavily faulted throughout with rare intervals of > 10cm wide, well-preserved core. Red/brown sphalerite is found within qtz-carbonate clots at 45.80m and 58.11m. Rare > 10cm grey calcareous concretions are present (58.71m). At 31.0m, a minor 10cm bed with 3-4mm laminations appears to contain very minor dull brown pyrite.	4SH		GSF
A-18-147	62.18	65.38	3.20	Fragmental black shale	Dark grey to black, hard/siliceous shale with mm to cm scale clasts of grey silt and light grey/white interlaminated limestone. Fragments are irregular in shape often appearing highly angular and broken. Silty fragments are generally strongly pyrite-carbonate altered and minor carbonate rims/shadows form around large limestone clasts. The lower contact of the unit is gradational with an immediate decrease in fragment size to sub-mm size fragments at 64.90m. The amount of these fragments gradually decreases towards the lower contact at 65.38m.	4FSH		GSF
A-18-147	65.38	72.64	7.26	Massive black siliceous shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. Minor hairline pyrite-carbonate veins are present throughout generally orientated subparallel to cleavage at ~50 degrees TCA.	4SH		GSF
A-18-147	72.64	73.09	0.45	Hard light grey cherty shale	Very hard, light grey cherty shale with minor qtz-carb veining.	4CSH		GSF
A-18-147	73.09	97.00	23.91	Massive black siliceous shale with minor laminated nodular barite	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. Beneath the sharp upper contact with the overlying cherty shale is a 15cm wide interlaminated bed of 1mm to 5mm wide dull brown pyrite interlaminated with black shale. This dull brown pyrite laminated zone is cut at its lower margin by a 15cm wide qtz-carb + (minor pyrite) vein that forms a brecciated upper contact with clasts of the shale entrained in vein material. The lower contact of this vein is sharp and orientated at 65 degrees TCA. Rare, <10cm wide beds of interlaminated (<5mm laminations) of grey silt/shale are present (78.06m and 93.31m). Beginning at 80.77m and occurring generally every 1-2m from thereon towards the lower contact of the unit are <10cm wide beds of 1-2mm, laminated nodular barite. Barite in these beds is generally altered to brassy yellow pyrite-carbonate. Occasional massive, lighter grey silty intervals are present 84.21m to 84.36m and 88.95m to 89.0m. Carbonate-pyrite veining is often focused in these areas and brassy yellow pyrite is large f.g. to m.g.	4SH	4BSH	GSF
A-18-147	97.00	115.09	18.09	Massive black siliceous shale with minor nodular barite and dull brown pyrite laminated beds	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The black shale is interbedded with <50cm wide beds of interlaminated nodular barite/dull brown pyrite and shale. The laminated beds are rich in laminations of <2mm long by <1mm wide nodular barite. Dull brown pyrite mineralization in the laminated beds is very weak with pyrite laminations ranging from <1mm to 2mm in width and being difficult to distinguish from background black shale. Occasionally only nodular barite is present in these beds. These nodular barite/dull brown pyrite beds are deformed throughout with bedding varying from 10 to 172 degrees TCA and several fold axis present (101.54m, 111.64m). Nodular barite throughout the unit is variably altered to pyrite-carbonate though in many beds alteration is either weakly present or completely absent. The upper and lower contacts of the unit are sharp and marked by the first and last occurrence of laminated nodular barite and dull brown pyrite respectively. Occasional silt rich beds are present such as at 110.57m to 110.68m where an interlaminated, grey silt bed is strongly carbonate-pyrite altered and internally crenulated with possible soft sediment deformation at its margins. An S-Fold is present at 111.33m. Internally fractured (septarian) concretions are present from 110.93m to 117.17m and from 11.95m to 112.05m.	4SH	4PYSH	GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-147	115.09	149.19	34.10	Massive black siliceous shale with minor laminated nodular barite beds	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The shale is generally featureless excepting minor <5cm light grey silty intervals and few, > 10cm wide grey calcareous concretions. Hairline to 3mm wide, carbonate-pyrite veins are randomly distributed throughout. Throughout the unit are 10cm to 40cm wide, interlaminated nodular barite beds. Nodular barites are <1mm wide and <2mm long and spaced apart parallel to laminations with generally 2mm to 4mm between nodules. These barite beds are variably folded with bedding varying from 10 to 170 degrees TCA. Though many nodular barite beds are unaltered, few are heavily carbonate-pyrite altered. One nodular barite bed from 134.34m to 134.60m has a higher content of laminated dull brown pyrite than the otherwise trace pyrite observed in other beds. Rare beds of <5mm, grey calcareous concretions (darker grey than those we track) are present - e.g. 144.33m to 144.50m. One siltier interval at 146.47m shows a graded bed fining Up hole. From 148.06m to 148.45m is a veined zone with an earlier generation of dark grey carbonate-qtz-pyrobitumen veining orientated at 60degrees TCA cut by a later carbonate-qtz generation orientated at 140 degrees TCA. The Lower contact of the unit is sharp and marked by the first appearance of fragments.	4SH	4BSH	GSF
A-18-147	149.19	169.19	20.00	Fragmental black shale interbedded with massive black shale.	This unit comprises fragmental black shale interbedded with massive black shale. The contacts between the fragmental shale and the massive shale are extremely sharp (e.g. 151.68m). Within the fragmental shale, fragments are generally < 1cm, angular, irregularly shaped grey, silty fragments that are moderately or strongly altered to pyrite-carbonate. Occasional, large 2cm to 10cm wide, internally laminated (1-2mm wide laminations), white limestone clasts are present throughout (e.g. 160.80m) INTERP: given irregular spacing of laminations these may be corals. The margins of these limestone clasts are irregularly orientated around clasts and sub rounded to angular. Present at 155.79m155.82m are rounded, brown (pyrite?) 1mm to 3mm wide pebbles. The lower contact of the unit is gradational and marked by a sharp decrease in cm scale fragments at a fault at 162.04m followed by a gradual decrease in both size (from 2mm to < 1mm) and frequency of fragments towards the lower contact at 163.16m. A few, minor rounded light grey calcareous concretions are present in the fragmental intervals. At 158.67m are strongly pyrite-carbonate altered clasts with large cleavage/bedding parallel carbonate pressure shadows. The width of shale interbeds decreases towards 156.14m where the unit becomes entirely fragmental.	4FSH		GSF
A-18-147	160.19	190.20	30.01	Massive, siliceous black shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The unit is generally featureless except where 1mm to 1cm medium grey silty beds concentrate in metre scale intervals (e.g. 183.0m to 184.0m). Discontinuous hairline to 1cm wide carbonate-pyrite veins are variably present and orientated at 25 to 60 degrees TCA.	4SH		GSF
A-18-147	190.20	191.07	0.87	Light grey, hard, siliceous shale	A light grey, extremely hard cherty shale with frequent, variably orientated qtz-carbonate veining throughout.	4CSH		GSF
A-18-147	191.07	200.53	9.46	Massive black, siliceous shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The unit is more siliceous than normal shale with demonstrated by frequent, discontinuous, carbonate-pyrite, veining that occurs along cleavage planes. Heavy faulting is present in the unit and the lower contact with the underlying cherty shale which is sharp.	4SH		GSF
A-18-147	200.53	201.41	0.88	Medium grey cherty shale	The unit comprise medium to dark grey, highly siliceous shale with frequent hairline pyrite-carbonate veining throughout. In the centre of the unit from 200.73m to 200.78m, veining increases in frequency with discontinuous <2mm wide qtz-carbonate veins orientated parallel TCA. Within these veins is brown/red sphalerite. Though the upper contact of the unit is sharp, the lower contact is diffuse with a gradual decrease in chert content over the final approx. 40cm of the unit.	4CSH		GSF
A-18-147	201.41	249.20	47.79	Massive black siliceous shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The unit is entirely featureless excepting hairline cleavage-parallel carbonate veinlets. From 220.34m to the lower contact at 220.56m, the unit is lighter grey and composed of a lighter grey silt to f.g. sand. This silty bed is interlaminated and folded. Strong pyrite-carbonate alteration affects the silty interval. This silty interval ends abruptly at 220.56 forming a sharp lower contact with the underlying unit.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-147				Continued	From 220.57m to 232.44m, the black siliceous shale is interbedded with 10cm wide to 1m wide beds of thin to thickly laminated, dull brown pyrite. The pyrite within these laminations is weakly present and can be difficult to see. Pyrite laminations are heavily deformed with bedding varying from 10 to 110 degrees TCA and some fold axis visible (e.g. 220.71m) trending at 35 to 45 degrees TCA closing both up and downhole. From 226.35m to 226.68m, are clotty, 2cm wide by 4cm wide patches of dull brown pyrite and v.f.g granular carbonate. These patches are elongate, parallel to cleavage, and are followed by a 10cm wide lighter grey silty interval with f.g. to m.g. brassy yellow pyrite disseminated throughout. Veins containing up to 2% f.g. Disseminated sphalerite present from 240.38m to 247.4m. From 247.96m to 248.8m, the black siliceous shale is interbedded with 1cm to 8cm wide beds of thinly laminated dull brown pyrite and light grey silt orientated at 105 degrees TCA. Lower contact is faulted.			
A-18-147	249.20	263.38	14.18	Medium grey cherty shale	The unit comprises of massive, light grey, highly siliceous shale with frequent, discontinuous hairline to 1cm wide qtz-carbonate +/- pyrite veins. The vein orientations vary widely from 0 to 50 degrees TCA. Lower contact of this unit is gradational from 262.20m to 263.38m where it is cut sharply by a fault.	4CSH		GSF
A-18-147	263.38	279.78	16.4	Massive black siliceous shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The unit is entirely featureless excepting hairline to 2cm wide cleavage-parallel qtz-carbonate-pyrite veins. Very thinly to thinly bedded silt laminations interbedded throughout shale (e.g. 271.32m, and 272.38m). Large (approx. 30cm wide) internally brecciated concretion present at 273.87m. At 276.11m to 276.16m there is a 5cm wide band of 3mm by 4mm irregular shaped patches composed of v.f.g brassy yellow pyrite. Lower contact is sharp and marked by the presence of dull brown pyrite beds excluding a 5mm wide dull brown pyrite lamination at 279.47m. Preceding the lower contact from 276.45m to 279.38m the unit is heavily faulted.	4SH		GSF
A-18-147	279.78	291.50	11.72	Massive siliceous shale interbedded with interlaminated dull brown pyrite and nodular barite beds	24% massive black siliceous shale with v.f.g brassy yellow pyrite disseminated throughout and 76% interlaminated sulphides beds with thin to thickly laminated dull brown pyrite with variable nodular barite. Shale is massive excepting hairline carbonate-pyrite veins oriented from 50 to 115 degrees TCA. At some instances shale is variably interlaminated with light grey silt (e.g. 282.45m, 286.19m) Beginning at 286.19m there is a general increase in frequency of silt laminations with occasional <2cm wide silty beds (e.g. 287.48m). The interlaminated sulphide unit is comprised of very thin laminations of dull brown pyrite interbedded with thin laminations of light grey silt, black shale and nodular barite. Nodular barite strongly to completely altered to coarse grained brassy yellow pyrite and carbonate. Brassy yellow v.f.g pyrite disseminated sparsely throughout sulphide beds. Sulphide beds vary in width from 5cm to 1.12m. Bedding is generally consistent at 53 degrees TCA however, beds are internally deformed from 283.08m to 285.87m with a notable near isoclinal fold from 284.55m to 285.87m (Fold axis oriented 57 degrees TCA). Unit is hybrid between 4PYSH and 4MPSH due to intermitted lack of barite nodule laminations and increasingly massive pyrite beds (e.g. 283.15m to 283.59m). Within sulphide beds, there are very thin laminations which appear lighter in colour and distinguishable from the unit-pervasive dull brown pyrite (e.g. 284.61m (INTERP: possible increase in carbonate)). Beginning at 290.77m, pyrite carbonate altered fragments are present to lower contact which is sharp and marked by the last occurrence of sulphide bed.	4PYSH	4MPSH	GSF
A-18-147	291.50	305.20	13.7	Fragmented black siliceous shale	The unit comprises of massive black siliceous shale with v.f.g brassy yellow pyrite disseminated throughout. The shale has pervasive hairline carbonate-pyrite veinlets oriented subparallel to cleavage. 1mm to 2cm irregular shaped carbonate-pyrite altered fragments are dispersed throughout shale. Interspersed within altered fragments are highly calcareous clasts. ~10% of fragments are unaltered and consist of a light grey silt. From beginning of unit to 293.91m, fragments are variably dispersed, highly concentrated, and compose up to 10% of rock content. Below 293.91, fragments become sparse. Interbedded in black shale unit are very thin laminations of dark grey silt (e.g. 299.01m to 299.27m). Lower contact is sharp and noted by the last occurrence of carbonate fragment.	4FSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-147	305.20	327.25	22.05	Massive black siliceous shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The unit contains hairline to 5cm wide qtz-carbonate-pyrite veins oriented from 40 to 90 degrees TCA with an increasing frequency in larger veins displaying stockwork texture from 320.18m to 320.84m. Beds composed of very thinly laminated light grey silts are interbedded within the shale and vary in width from 1cm to 89cm. Silt beds are significantly more concentrated from the beginning of the unit until 309.50m and margins can vary from quite distinct to significantly gradational (e.g. 323.16m to 323.21m). The lower contact is marked sharply by the presence of laminated dull brown pyrite beds.	4SH		GSF
A-18-147	327.25	332.86	5.61	Massive black siliceous shale interbedded with interlaminated dull brown pyrite and nodular barite beds	The unit comprises of 80% black, siliceous, massive shale with v.f.g. brassy yellow pyrite disseminated throughout and 20% 1cm to 24cm sulphide beds of thinly to thickly interlaminated dull brown pyrite, light grey silt and nodular barite. Hairline to 0.5cm veins of qtz-carbonate-pyrite are pervasive throughout and are oriented from 26 degrees to 75 degrees TCA. Interbedded 1cm white silt beds with significant carbonate alteration are present randomly throughout the interval (e.g. 328.94m, 330.82m). Within sulphide beds, nodular barite varies from near massive beds to random patches (e.g. 330.69), and is strongly altered to carbonate and coarse grained brassy-yellow pyrite. Sulphide beds are consistently oriented at about 50 degrees TCA,. Unit is bounded at the upper contact upon the appearance of the first laminated dull brown pyrite bed. Lower contact is sharp and noted by an extended lack of sulphide beds.	4PYSH		GSF
A-18-147	332.86	337.36	4.5	Massive black siliceous shale	The unit comprises black, siliceous massive shale with v.f.g. brassy yellow pyrite disseminated throughout. The unit contains hairline to 5cm wide qtz-carbonate-pyrite veins oriented sub parallel to cleavage. There is an increased zone of stockwork texture veining from 336.37m to 336.54m and 336.85m to 336.99m. Small concretions in this unit display pressure shadows. Lower contact is sharp and denoted by the appearance of interlaminated sulphide beds.	4SH		GSF
A-18-147	337.36	340.25	2.89	Massive black siliceous shale interbedded with interlaminated dull brown pyrite and nodular barite beds	The unit comprises of 75% black, siliceous, massive shale with v.f.g. brassy yellow pyrite disseminated throughout and 25% 1cm to 24cm sulphide beds of thinly to thickly interlaminated dull brown pyrite, light grey silt and nodular barite. Hairline to 0.5cm veins of quartz-carbonate-pyrite veins occur near subparallel to bedding throughout the unit. At 339.76m to 339.80m there is an example of thinly interlaminated white silt beds that have significant carbonate alteration and persist periodically throughout the unit. Sulphide beds are generally oriented at 45 degrees TCA with a mild S-fold at 332.35m (Fold axis 60 degrees TCA) and a near isoclinal fold at 339.12m. Some concretions display pressure shadows and are more small and numerous towards the beginning of the unit.. At 336.18m, cross bedding within the sulphide beds is present and truncated by shale (INTERP: way up indicator pointing down hole). Lower contact is sharp and denoted by presence of blue/grey massive cherty shale.	4PYSH		GSF
A-18-147	340.25	340.46	0.21	Medium grey cherty shale	The unit comprises of massive, light grey, highly siliceous cherty shale with frequent, discontinuous hairline to 3mm wide qtz-carbonate veins. The vein orientations vary widely from 0 to 150 degrees TCA. Lower contact of this unit is sharp and denoted by change in hardness and colour to a massive black siliceous shale	4CSH		GSF
A-18-147	340.46	423.43	82.97	Massive black siliceous shale interbedded with interlaminated dull brown pyrite and nodular barite beds	The unit comprises 80% black, massive, siliceous shale with v.f.g brassy yellow pyrite disseminated throughout and 20% thin to thickly interlaminated beds of dull brown pyrite, light brown/grey sulphide, light grey silt, and nodular barite. Within both shale and sulphide beds occur hairline to 5mm quartz-carbonate +/- pyrite veins with the exception of one 6cm vein (382.88m to 383.94m.) Interlaminated in the sulphide beds are light grey sulphide laminations that are strongly calcareous that begin at 347.77m and generally increase in frequency, and lamination width. Nodular barite is generally not associated with calcareous light grey sulphide laminations and in some instances, beds grade from calcareous light grey sulphide laminations to dull brown pyrite to nodular barite (e.g. 356.46m to 356.52m). Sulphide bed lamination contents vary widely. Some beds are entirely absent of nodular barite and have a more massive appearance of sulphides. Others are evenly interlaminated with alternating nodular barite, dull brown pyrite, and grey silt.	4PYSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
			0	continued	Near top of unit, sulphide beds are generally aligned subparallel to cleavage oriented at 50 degrees TCA, but orientation varies in areas of mild (e.g. 352.88 to 353.07) and severe internal deformation (e.g. 360.37m). Small cm scale faulting is pervasive throughout the unit (e.g. 359.53). Beginning at 368.48m, internal deformation greatly increases and folds become broader. In general, fold axis throughout the unit are oriented at approximately 50 degrees TCA hinging up and down hole, and bedding of sulphides is either subparallel to cleavage or orthogonal to core axis. Distinct lamination patterns in sulphide beds allow for larger scale folds to be identified. For example, at 337.85m to 339.06m, a bed of sulphides massive in appearance, and devoid of nodular barite has bedding oriented at 35 degrees TCA, and from 379.37m to 379.43m the same apparent bed has a bedding of 86 degrees TCA. This implies an out of core fold axis hinging down hole of approximately 50 degrees TCA, which is consistent with the prevailing orientation of fold axis throughout the unit. (INTERP: Core axis oriented along a limb of large scale fold). Width of sulphide beds vary from 1cm to 1.4m, however, further down in the unit internal deformation increases, becomes larger scale, bedding becomes more orthogonal to core axis, and the sulphide bed widths appear larger than true thickness. Shale interbeds throughout the unit range from 1cm to 2m in size (e.g. 400.00m to 401.55m). From 344.36m to 344.89m, and 383.36m to 383.96m there is a general fining up sequence from silt to shale that indicates way-up downhole. Further way up indicators include flame structures at 378.37m and 386.4m that point to way-up down hole. Moving downhole, concretions become large, concentrated and elongate (e.g. 327.21m, 370.36m). From 413.87m to the lower contact, core becomes more regularly fractured and faulted, with an increase in veining that has a stockwork texture (e.g. 417.00m to 418.92m). The lower contact of this unit is sharp and noted by the disappearance of evenly reoccurring laminated sulphide beds.			
A-18-147	423.43	430.04	6.61	Massive black siliceous shale	The unit comprises black, massive siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. The unit is frequently cut by hairline to 4mm carbonate-qtz pyrite veins that are oriented from subparallel to cleavage (50 degrees TCA) to subparallel to a secondary fracture surface pervasive throughout the unit (80 to 110 degrees TCA). Periodically throughout the unit, there are thin beds of interlaminated light grey silt, and nodular barite that is near completely replaced with carbonate and coarse grained brassy yellow pyrite. Beds are irregularly shaped and internally deformed but show approximate orientation of 30 degrees TCA (e.g. 426.91m to 429.67m) Silt laminations are highly calcareous, and some display a notably lighter colour (INTERP: increased amounts of carbonate input). Beginning at 425.57m, v.f.g. brassy yellow pyrite disseminated throughout the unit shows an alteration rim of carbonate around pyrite grains. Lower unit is sharply denoted by the first presence of laminated sulphide beds.	4SH		GSF
A-18-147	430.04	441.50	11.46	Massive black siliceous shale interbedded with interlaminated dull brown pyrite and nodular barite beds	The unit comprises of 83% black, massive siliceous shale with v.f.g. brassy yellow pyrite with carbonate alteration rims disseminated throughout and 17% thinly to thickly interlaminated sulphide beds of dull brown pyrite, light grey calcareous silt, and nodular barite. Regularly occurring hairline veins of qtz-carbonate +/- brassy yellow pyrite are generally oriented subparallel to cleavage (appx. 50 degrees TCA) with few oriented around 90 degrees TCA. Sulphide beds range from 5cm to >10cm in width. Near the top of the unit, sulphide beds are oriented subparallel to cleavage and are regularly spaced. From 435.83m to 439.67m, beds become increasingly deformed and display significant folding and resulting bedding orthogonal TCA. Disseminated v.f.g. brassy yellow pyrite grains show varying amounts of carbonate alteration throughout the unit, and some areas of increased carbonate alteration, rims can be traced along a bedding plane (e.g. 433.35m to 433.39m). From 440.83m to 441.12m, a light grey highly calcareous massive silt bed is interbedded with gradational contacts to adjacent shale. Lower contact is noted by last occurrence of laminated sulphide bed before an extended interbed of shale.	4PYSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-147	441.50	447.18	5.68	Massive black siliceous shale with minor interlaminated dull brown pyrite and nodular barite beds	The unit comprises of black, massive siliceous shale with v.f.g. brassy yellow pyrite with carbonate alteration rims disseminated throughout. Amount of carbonate alteration on pyrite rims varies, and some areas of increased alteration can be seen along apparent bedding (442.99m to 443.35m). The unit is featureless excepting periodic 1mm to 2mm carbonate-quartz +/- brassy yellow pyrite veins oriented from 35 to 60 degrees TCA. From 443.81m to 441.16m there is a >10m wide interlaminated bed of light grey calcareous silt, nodular barite and small amounts of dull brown pyrite. On top of the interlaminated bed is a 2cm thick bed of white, highly calcareous and significantly deformed silt. Small concretions that preserve relict bedding are found throughout (e.g. 444.38m 443.35m). Core in this unit is very competent and well preserved with many sections >30cm in length with no fractures. Lower unit is denoted approximately by the first occurrence of faint laminated sulphides.	4SH	4PYSH	GSF
A-18-147	447.18	447.81	0.63	Massive black siliceous shale interbedded with interlaminated dull brown pyrite and nodular barite beds	This small unit comprises of 55% interlaminated sulphide bed of dull brown pyrite, nodular barite, and light grey calcareous silt and 45% black, massive siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Nodular barite has been near completely altered to carbonate and coarse grained brassy yellow pyrite. From the beginning of the unit to 447.31m there is a small bed of interlaminated light grey calcareous silt, and large, well spaced nodular barite with +/- dull brown pyrite. From 447.84 to 447.81m there is a large >10cm interlaminated sulphide bed with a far more massive appearance of dull brown pyrite and nodular barite oriented from 25 degrees to 60 degrees TCA. Bed has been internally deformed and displays prominent S fold with a fold axis subparallel to cleavage. Lower contact is denoted by the end of the prominent sulphide bed.	4PYSH		GSF
A-18-147	447.81	479.65	31.84	Massive black siliceous shale	This unit comprises black, massive siliceous shale with v.f.g. brassy yellow pyrite +/- carbonate alteration rims disseminated throughout. The unit is pervasively intersected by hairline to 1cm qtz-carbonate-coarse grained brassy yellow pyrite that are oriented from 29 degrees to 85 degrees TCA. Unit is interlaminated with very thin beds of silt and associated v.f.g. disseminated brassy yellow pyrite grains that show small amounts of internal deformation, but generally are aligned subparallel to cleavage. Unit is only calcareous for the intervals of 447.81m to 450.33m and from 464.04m 466.70m. Coarse grained pyrite in veins shows some oxidation to rusty orange colour. Concretions throughout this unit are near spherical and show rims of carbonate and pyrite and occasional pressure shadows. Near the end of the unit, discontinuous veining oriented subparallel to cleavage increases from 498.90m to the end of the unit at 479.65m The lower unit is denoted by the presence of a strong veining event of stockwork texture into massive sulphide beds.	4SH		GSF
A-18-147	479.65	490.07	10.42	Bedded Pyrite with minor Sp and Pb interbedded with black shales	The unit comprises of 85% black, massive, siliceous shale and 15% massive sulphide beds that range from 1cm to 30cm with a general width of 20cm. Beds are oriented uniformly at 75 degrees TCA and are comprised of interlaminated dull brown pyrite, v.f.g. brassy yellow pyrite grains and +/- light grey silt. The unit begins with a 10cm wide band of qtz-carbonate-+/- pyrite veins in a tight stockwork texture with dull brown sulphide and brassy yellow pyrite interbedded in the stockwork texture. Veining of this composition occurs pervasively across the unit from hairline to 1cm widths at 39 to 90 degrees TCA. Sulphide beds range from straight bands of laminations to having an anastomosing texture around concentrated ~2mm concretions. At 435.38m, there is internal deformation that affects adjacent veining system (about 2cm) and surrounding sulphide lamination. Nodular barite is nearly absent or very small grained in the unit until 488.80m where it appears as a very thin bed and has been almost entirely replaced by coarse grained brassy yellow pyrite and carbonate. The lower contact of the unit is noted sharply by the presence of highly fractured, highly siliceous blue/grey cherty shale.	4MPSH		GSF
A-18-147	490.07	490.23	0.16	Medium grey cherty shale	The unit comprises of massive, light grey/blue, highly siliceous cherty shale with frequent, discontinuous hairline to 2mm wide qtz-carbonate veins. The vein orientations are generally 157 degrees TCA, with some veins deforming at the lower contact to an orientation of 30 degrees TCA. Lower contact of this unit is sharp and denoted by change in hardness and colour to a massive black siliceous shale	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-147	490.23	493.70	3.47	Massive black siliceous shale	This unit comprises of massive, black siliceous shale with v.f.g brassy yellow pyrite disseminated throughout. The unit intersected by near evenly spaced 1mm to 3mm quartz-carbonate veins with consistent orientations of 70 to 90 degrees. At 492.1m there is one exception, as a vein with a more irregular shape is oriented at approximately 0 degrees TCA. From top of unit, shale grades into faint silt bedding and becoming increasingly more calcareous, until 492.64m where carbonate content is limited to small alteration rims around v.f.g brassy yellow pyrite grains. Lower contact is sharp and denoted by the presence of highly siliceous blue/grey cherty shale with coarse grained brassy yellow pyrite bands throughout	4SH		GSF
A-18-147	493.70	494.93	1.23	Medium grey cherty shale	The unit comprises of massive, light grey/blue, highly siliceous shale with frequent, discontinuous hairline to 1cm wide qtz-carbonate veins. Orientation of veins is generally from 15 to 30 degrees TCA with two 1cm exceptions at 494.73m and 494.82m displaying near 90 degree orientation TCA. The top of the unit until 493.90m is a brecciated veining system with cherty siliceous shale fractures cut with qtz-carbonate veins and bands of coarse grain brassy yellow pyrite. Lower contact is gradational over a 20cm section in which unit becomes less siliceous, more black, and not cut by discontinuous qtz-carbonate veining.	4CSH		GSF
A-18-147	494.93	510.92	15.99	Massive black siliceous shale	The unit comprises of black, massive siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. occasional laminations of silt are interbedded throughout with an orientation subparallel to cleavage (65 to 70 degrees TCA). Continuous hairline qtz-carbonate veins intersect the unit and at 503.51m, hairline veins increase in frequency greatly while maintaining the same orientation until 509.60m, where the unit is faulted and successive veins become irregular, larger in concentration and width and significantly deformed. Unit is fractured, faulted and has significant brittle deformation.	4SH		GSF
A-18-147	510.92	515.02	4.10	Black siliceous shale with qtz-carbonate-dull brown pyrite veining	This unit is initially distinguished by the presence of sulphides and is visually distinct due to overwhelming qtz-carbonate-brassy yellow pyrite veining pervasive throughout the unit. The host rock comprises of black, massive, siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Veins range from hairline to massive veining structures that are up to 50cm. Veins create brecciated contacts, and entrap fragments of shale. Veins display anastomosing texture with silt, dull brown pyrite and coarse grained brassy yellow pyrite forming ribbons and lenses amongst veining structure. Vein orientation can range from 20 degrees to 90 degrees TCA but is generally massive, irregular, and lacks orientation (e.g. 513.15m to 513.39m). Nodular barite is seen in the unit at 510.92m and 513.39m. (INTERP: indicating prior presence of 4PYSH host unit). Unit is highly siliceous, and faulted displaying significant brittle deformation and lack of regularly oriented cleavage. Lower contact is gradational into a brittle blue/grey cherty shale for the last 8cm.	4SH	4PYSH	GSF
A-18-147	515.02	515.37	0.35	Nodular to Laminar bedded Barite, irregular concretions, and interbedded sulphides	This small 35 cm unit is a gradational boundary between 2 surrounding units and is composed of massive white/grey barite with irregular stringers of dull brown pyrite. Nodules of barite lamina are <1mm and occur in the first 5cm of the unit. Dull brown pyrite stringers are up to 1mm in width and have a general orientation of 60 degrees TCA or subparallel to cleavage. V.f.g. brassy yellow pyrite occurs in patches, lenses and disseminated sparsely throughout. Unit is competent and is mostly contained in one 23cm segment that has very high specific gravity (displays significant mass). Lower contact is gradational and noted by a midway point of when unit becomes less siliceous and more calcareous.	4LBSH		GSF
A-18-147	515.37	517.87	2.50	Non fossiliferous limestone	The unit is gradational from previous unit of massive barite, and grades into a highly calcareous, light blue/grey crystalline limestone. Limestone is intersected by hairline to 2mm veins of carbonate oriented at 25 degrees TCA. At 515.50m and 516.33m, large veins of massive carbonate +/- qtz 20cm to 30cm in width respectively cut across the unit and display a general orientation of 50 degrees TCA. Hairline to 1cm patches and stringers of dull brown pyrite are evenly spaced and occur orthogonal to carbonate veining (approximately 120 degrees TCA) from 517.25m to 517.50m. Beginning at 517.50m, dull brown pyrite stringers fade out, and unit becomes gradationally less crystalline, less calcareous, more siliceous and more uniform in light grey colour.	5LS		PRF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-147	517.87	535.53	17.66	Calcareous silt stone	Well bedded calcareous, light grey to grey siltstone with interbedded pulses of mudstone and variable amounts of bioturbation. Bioturbation is concentrated and disrupts bedding from 525.76m to 526m and 526.30m to 526.80m Bedding is consistent and varies gradationally from 70 degrees to 120 degrees TCA. Very rare 3mm carbonate veins occur throughout varying from 45 to 90 degrees TCA (parallel to bedding). V.f.g. brassy yellow pyrite sparsely disseminated throughout. Mudstone interbed increase in frequency starting at 532.07m until EOH at 535.53m	6CSS		RRG

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-18-147	430.04	493.7	63.66	Carbonate alteration along rims of v.f.g. brassy pyrite grains. Regions of increased rim size seen in bedding planes	CARB	MOD
A-18-147	517.49	517.8	0.31	Hard, light grey silicification of grey crystaline limestone over the contact into calcareous silt stone. Gradational and decreases in colour as it moves into dark grey siltstone. Associated with disappearance of dull brown pyrite stringers in limestone	SILC	MOD

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-18-147	279.81	291.49	11.68	24% massive black siliceous shale with v.f.g brassy yellow pyrite disseminated throughout and 76% interlaminated sulphide beds with thin to thickly laminated dull brown pyrite with variable nodular barite. The interlaminated sulphide unit is comprised of very thin laminations of dull brown pyrite interbedded with thin laminations of light grey silt, black shale and nodular barite. Nodular barite is strongly to completely altered to coarse grained brassy yellow pyrite and carbonate. Sulphide beds vary in width from 5cm to 1.12m. Bedding is generally consistent at 53 degrees TCA however, beds are internally deformed from 283.08m to 285.87m with a notable near isoclinal fold from 284.55m to 285.87m (Fold axis oriented 57 degrees TCA). Unit is hybrid between 4PYSH and 4MPSH due to intermitted lack of barite nodule laminations and increasingly massive pyrite beds (e.g. 283.15m to 283.59m). Within sulphide beds, very thin laminations appear lighter in colour and distinguishable from the unit pervasive dull brown pyrite (e.g. 284.61m (INTERP: possible increase in carbonate)).	26.6	TR		TR		
A-18-147	327.31	332.86	5.55	The unit comprises of 80% black, siliceous, massive shale with v.f.g. brassy yellow pyrite disseminated throughout and 20% 1cm to 24cm sulphide beds of thinly to thickly interlaminated dull brown pyrite, light grey silt and nodular barite. Within sulphide beds, nodular barite varies from near massive beds to random patches (e.g. 330.69), and is strongly altered to carbonate and course grained brassy-yellow pyrite. Sulphide beds are consistently oriented at about 50 degrees TCA.	15	TR		2		
A-18-147	337.41	340.2	2.79	The unit comprises of 75% black, siliceous, massive shale with v.f.g. brassy yellow pyrite disseminated throughout and 25% 1cm to 24cm sulphide beds of thinly to thickly interlaminated dull brown pyrite, light grey silt and nodular barite. At 339.76 to 339.80 there is an example of thinly interlaminated white silt beds that have been highly carbonate altered and persist periodically throughout the unit. Sulphide beds are generally oriented at 45 degrees TCA with mild internal deformation throughout the unit (Fold axis 60 degrees TCA) and a near isoclinal fold at 339.12m that may increase apparent sulphide bed thickness.	12	TR		1		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-18-147	340.46	451.84	111.38	The unit comprises 80 % black, massive, siliceous shale with v.f.g brassy yellow pyrite disseminated throughout and 20% thin to thickly interlaminated beds of dull brown pyrite, light brown/grey sulphide, light grey silt, and nodular barite. Within both shale and sulphide beds occur hairline to 5mm quartz-carbonate +/- pyrite veins with the exception of one 6cm vein (382.88m to 383.94m.) Interlaminated in the sulphide beds are light grey sulphide laminations that are strongly calcareous that begin at 347.77m and generally increase in frequency, and lamination width. Nodular barite is generally not associated with calcareous light grey sulphide laminations and in some instances, beds grade from calcareous light grey sulphide laminations to dull brown pyrite to nodular barite (e.g. 356.46m to 356.52m). Sulphide bed lamination contents vary widely. Some beds are entirely absent of nodular barite and have a more massive appearance of sulphides. Others are evenly interlaminated with alternating nodular barite, dull brown pyrite, and grey silt. Width of sulphide beds vary from 1cm to 1.4m, however, further down in the unit internal deformation increases, becomes larger scale, bedding becomes more orthogonal to core axis, and the sulphide bed widths appear larger than true thickness. From 423.48m to 451.84m there are large shale interbeds, and concentration of thick sulphide beds decreases. After first shale interbed there is an increase in carbonate alteration as seen rimming v.f.g. brassy yellow disseminated pyrite grains.	20	TR		TR		
A-18-147	475.97	492.07	16.1	The unit comprises of 80% black, massive, siliceous shale and 20% massive sulphide beds that range from 1cm to 30cm with a general width of 20cm. Beds are comprised of interlaminated dull brown pyrite, v.f.g. brassy yellow pyrite grains and +/- grey silt and +/- fine grained nodular barite. The unit begins with a 10cm wide band of qtz-carbonate-+/- pyrite veins in a tight stockwork texture with dull brown sulphide and brassy yellow pyrite stringers in the stockwork texture. Qtz-carbonate-course grained brassy yellow pyrite veins occur pervasively across the unit from hairline to 1cm widths at 39 to 90 degrees TCA. Nodular barite is nearly absent or very small grained in the unit until 488.80 where it appears as a very thin bed and has been almost entirely replaced by course grained brassy yellow pyrite and carbonate. Massive sulphide beds have very thin laminations and could contain laminations that are more enriched in zinc	20	TR		TR		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-18-147	507.94	519.92	11.98	The unit encompasses the boundary between Gunsteel shale and Road River Group Silurian silt stone. The unit begins with a pervasive quartz-carbonate veining system with interbedded dull brown pyrite and brassy yellow pyrite (509.94m to 514.98m). From 514.93m to 515.51m there is a unit of massive to laminated barite with some dull brown pyrite forming stringers throughout the highly siliceous host rock. From 515.51m there is a transition into highly calcareous crystalline limestone with an interval of dull brown pyrite stringers regularly spaced throughout (517.25m to 517.49m). Silicification begins at 517.49m and alters host rock gradationally to the dark grey Silurian silt stone of the Road River Group. Calcareous silt stone has v.f.g brassy yellow pyrite disseminated sparsely throughout.	2	TR		TR		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-18-147	73.53	73.68	0.15	Large qtz-carbonate vein with minor <2mm wide brassy yellow pyrite. The vein brecciates the shale at its upper margin - entraining clasts of the shale within vein material., The lower contact is sharp and orientated at 65 degrees TCA.	90	65
A-18-147	148.06	148.45	0.39	Zone of heavy veining with at least two separate generations. The first is a darker grey carbonate-qtz-pyrobitumen vein that is the majority of the interval and orientated at 50 degrees TCA. This generation is cut by 3mm to 1cm wide white qtz-carbonate veins orientated at 140 degrees TCA. The final 10cm of the veined zone towards its lower margin is brecciated shale entrained in qtz-carbonate material.	90	50
A-18-147	232.82	247.4	14.58	Zone of increased quartz-carbonate-pyrite veining ranging in thickness from hairline up to 3cm. Veins are subparallel to bedding and oriented on an average of 45 degrees TCA. From 240.38 to lower margin, f.g. Sphalerite disseminated occupies up to 2% qtz-carbonate-py veins.	30	45
A-18-147	266.28	266.4	0.12	Large qtz-carbonate-pyrite stockwork vein zone with course grained brassy yellow pyrite oriented at approximately 55 degrees TCA	25	55
A-18-147	392.86	392.93	0.07	Qtz-carbonate +/- course grained brassy yellow pyrite. Vein is mostly massive with margins displaying stockwork texture into the host rock. Vein is oriented 67 degrees TCA, or sub parallel to cleavage. Areas of increased hairline veining surround the vein by about 5cm on the margins	90	67
A-18-147	478.9	480.13	1.23	Qtz-carbonate +/- course grained brassy yellow pyrite. Vein displays stock work texture and has a large concentration of discontinuous hairline vein of the same composition with courser grained brassy yellow pyrite along its margins for about 75 cm up hole. Dull brown pyrite and brassy yellow pyrite interbedded in stockwork texture.	60	66
A-18-147	509.94	515	5.06	Interval of pervasive qtz-carbonate veining that varies from hairline to 1cm width veins up to massive 30cm vein systems. Veins are massive to anastomosting in texture and have dull brown pyrite and brassy yellow pyrite lenses and ribbons in between veins.	95	55
A-18-147	516.24	516.74	0.5	White, massive carbonate veins 20cm and 30cm in width sharply cross cutting limestone at about 55 degrees TCA. Vein displays brittle, angular deformation of limestone.	65	55

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**%SULPHIDES**	**%SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
A-18-147	273.00	273.77	0.77	2695989	4SH	0	100		VAN18002153	21.5	43.9	66.2	334	0.6	5694	72.4	9.5	226	1.47	28	6.6
A-18-147	273.77	274.27	0.50	2695990	4SH - Large concretion	0	100		VAN18002153	15.3	37.6	55.5	19	0.5	3696	55.9	7	1007	1.86	24	4.9
A-18-147	274.27	275.00	0.73	2695991	4SH	0	100		VAN18002153	22.6	34.1	57.6	61	0.7	5281	60.9	8.4	79	1.63	30	6.7
A-18-147	275.00	276.00	1.00	2695992	4SH	0	100		VAN18002153	22.2	37.9	81.9	14	0.7	5787	67.1	8.5	57	1.27	34	6.5
A-18-147				2695993				STD CDN-ME-1306	VAN18002153	21.8	3974.4	16209.6	31748	106.3	658	34.1	27.1	997	9	581	1.1
A-18-147	276.00	277.00	1.00	2695994	4SH	0	100		VAN18002153	28.6	40.7	95.5	13	0.8	5989	80.5	10	46	1.36	41	8.1
A-18-147	277.00	278.00	1.00	2695995	4SH - Heavily faulted	0	100		VAN18002153	33.3	38.6	71.7	128	0.6	7576	74.2	7.7	83	1.85	31	9.4
A-18-147	278.00	279.00	1.00	2695996	4SH	0	100		VAN18002153	57.6	43.4	41.9	732	0.8	10184	90.2	9.4	124	4.14	29	14.8
A-18-147	279.00	279.81	0.81	2695997	4SH	TR	99		VAN18002153	33.8	31.2	16.7	826	<0.5	8756	68.7	10.8	197	1.52	15	9.3
A-18-147	279.81	280.81	1.00	2695998	4PYSH	45	55		VAN18002153	44.6	47.9	70.1	138	1.1	14979	51.6	7.1	289	7.8	34	10.3
A-18-147	280.81	281.79	0.98	2695999	4PYSH	44	56		VAN18002153	42.5	32.3	26.4	71	<0.5	19103	52.2	8.2	247	4.7	26	8.8
A-18-147	281.79	282.46	0.67	2696000	4PYSH	50	50		VAN18002153	52.7	36.6	26.2	329	<0.5	19475	53.1	8.6	130	4.15	28	10.9
A-18-147	282.46	282.79	0.33	2696601	4SH	TR	99		VAN18002153	31.8	19.2	10.2	417	<0.5	8155	42.2	6.9	493	2.94	14	6.3
A-18-147	282.79	283.60	0.81	2696602	4PYSH - 4MPSH	80	20		VAN18002153	38.3	30.8	27.1	339	<0.5	16359	39.6	7.5	205	5.56	23	6.9
A-18-147				2696603				COARSE DUPE	VAN18002153	36.8	31.1	26.3	333	<0.5	16635	39.6	7.3	189	5.35	22	6.5
A-18-147	283.60	284.07	0.47	2696604	4PYSH	43	57		VAN18002153	50.6	23.3	27.9	1513	<0.5	17889	41.2	7.9	143	4.56	22	9.8
A-18-147	284.07	284.88	0.81	2696605	4PYSH	84	16		VAN18002153	47.9	32.1	39.8	1429	<0.5	14278	42.9	7.4	196	7.22	30	9.7
A-18-147	284.88	285.60	0.72	2696606	4SH	TR	99		VAN18002153	76.1	13.6	7.6	259	<0.5	13052	36.1	9.7	167	2.16	13	13
A-18-147	285.60	286.05	0.45	2696607	4PYSH	71	29		VAN18002153	43.8	31.2	32.9	653	<0.5	21176	41.7	7.6	334	6.16	28	8.8
A-18-147	286.05	286.94	0.89	2696608	4PYSH	27	73		VAN18002153	39.4	35.9	26.7	692	<0.5	19705	49.3	8.3	160	5.26	26	7.2
A-18-147	286.94	287.84	0.90	2696609	4PYSH	30	70		VAN18002153	35.7	29.7	21.3	331	<0.5	14764	43.9	7.1	193	5.32	22	6.5
A-18-147	287.84	288.26	0.42	2696610	4SH	TR	99		VAN18002153	33.6	24.1	11.6	660	<0.5	27588	56.9	9	105	2.52	16	7.4
A-18-147	288.26	289.05	0.79	2696611	4PYSH	37	63		VAN18002153	32.9	33.6	53.8	2666	<0.5	22058	41	7.7	263	6.48	30	6.3
A-18-147	289.05	289.65	0.60	2696612	4PYSH	27	73		VAN18002153	25.1	24.2	41.7	3065	<0.5	25711	47.7	8	124	4.13	21	6.7
A-18-147				2696613				BLANK - BL126	VAN18002153	1.7	45.7	3.3	34	<0.5	589	5.6	7.6	401	2.61	<5	0.9
A-18-147	289.65	290.69	1.04	2696614	4PYSH	38	63		VAN18002153	30.7	40.9	76	2311	<0.5	24097	42.5	7.8	189	6.59	32	7.2
A-18-147	290.69	291.49	0.80	2696615	4PYSH	8	93		VAN18002153	33.7	26.8	42.9	737	<0.5	19535	49.7	8.3	99	3.46	21	7.4
A-18-147	291.49	292.06	0.57	2696616	4FSH	0	100		VAN18002153	18.4	26.3	23.8	190	<0.5	19786	45.8	8.3	65	2.02	13	4.8
A-18-147	292.06	293.01	0.95	2696617	4FSH	0	100		VAN18002153	41.7	23.6	11.6	379	<0.5	17076	65.8	7	103	1.58	16	12.5
A-18-147	293.01	293.95	0.94	2696618	4FSH	0	100		VAN18002153	43.6	30.4	15.5	16	<0.5	19346	63.9	7.5	173	1.94	19	12
A-18-147	293.95	295.00	1.05	2696619	4FSH	0	100		VAN18002153	45.8	22.9	7	238	<0.5	3899	73	7.4	326	1.18	15	14.1
A-18-147	295.00	295.96	0.96	2696620	4FSH	0	100		VAN18002153	44.9	30.5	8.2	11	<0.5	4495	72.4	7.7	136	1.19	17	12.6
A-18-147	324.00	325.00	1.00	2696621	4SH	0	100		VAN18002153	50.6	31.7	24.3	269	<0.5	4899	68	9	46	1.36	22	14.4
A-18-147	325.00	326.00	1.00	2696622	4SH	0	100		VAN18002153	52.4	44.8	30.5	665	<0.5	5436	74.4	8.8	48	2.01	27	13.4
A-18-147				2696623				STD CDN-ME-1306	VAN18002153	22.1	4071.1	15998.9	30491	105.9	686	35.4	26.4	983	9.16	556	1.2
A-18-147	325.73	326.53	0.80	2696624	4SH	TR	99		VAN18002153	46	32.7	25.9	113	<0.5	4135	71.5	8	219	1.61	22	12.8
A-18-147	326.53	327.31	0.78	2696625	4SH	0	100		VAN18002153	32.1	30.6	27.6	39	<0.5	13813	58.5	6.7	84	1.64	18	7
A-18-147	327.31	328.00	0.69	2696626	4PYSH	29	71		VAN18002153	25.9	53.7	55.3	16	0.6	15185	59.6	9	219	4.94	27	7
A-18-147	328.00	329.00	1.00	2696627	4PYSH	TR	99		VAN18002153	31	37.9	25	25	<0.5	14032	75.7	11.3	59	2.02	20	7.5
A-18-147	329.00	330.00	1.00	2696628	4PYSH	8	92		VAN18002153	22.2	44.2	31.5	66	<0.5	13186	68.1	11.1	111	2.74	21	5.3
A-18-147	330.00	331.00	1.00	2696629	4PYSH	20	80		VAN18002153	24.9	47.2	48.9	64	<0.5	16002	62.4	9.4	184	4.02	25	6.8
A-18-147	331.00	332.00	1.00	2696630	4PYSH	TR	99		VAN18002153	45	31.7	19.2	1023	<0.5	11029	72.6	11.6	96	2.18	24	13.5
A-18-147	332.00	332.86	0.86	2696631	4PYSH	43	57		VAN18002153	18.5	55.8	58.7	19	0.8	13723	44.1	6.7	305	5.8	30	4.9
A-18-147	332.86	333.81	0.95	2696632	4PYSH	0	100		VAN18002153	35.8	36	19.4	359	<0.5	20406	71.7	9	57	2.06	19	9.5
A-18-147				2696633				PULP DUPE	VAN18002153	36.3	36.5	19.2	368	<0.5	20220	70.3	9.1	58	2.06	19	9.6
A-18-147	333.81	334.83	1.02	2696634	4SH	0	100		VAN18002153	36.4	45.7	21.8	192	<0.5	17319	74.8	10.2	58	2.2	23	9.4
A-18-147	334.83	335.87	1.04	2696635	4SH	0	100		VAN18002153	25.9	40.4	16.7	258	<0.5	8991	66.2	9.6	159	2.04	17	6.5
A-18-147	335.87	336.77	0.90	2696636	4SH	0	100		VAN18002153	26.1	38.9	12.9	715	<0.5	7103	77.5	9.8	143	1.98	16	7.6
A-18-147	336.77	337.37	0.60	2696637	4SH	0	100		VAN18002153	26.7	34.4	13.9	15	<0.5	7249	73.7	9	303	1.92	15	7.7
A-18-147	337.37	338.13	0.76	2696638	4PYSH	22	78		VAN18002153	28.4	56.3	36.2	33	0.5	5645	85.5	9.8	264	4.17	24	8.7
A-18-147	338.13	338.61	0.48	2696639	4PYSH	TR	99		VAN18002153	30.1	30.5	15.1	493	<0.5	12960	86.7	10.7	139	1.88	16	8.5
A-18-147	338.61	339.59	0.98	2696640	4PYSH	41	59		VAN18002153	20.7	50.4	27.3	22	<0.5	22611	49.5	8.6	360	6.76	30	6.3
A-18-147	339.59	340.20	0.61	2696641	4PYSH	TR	99		VAN18002153	37.5	35.6	17.6	85	<0.5	26759	70.1	9.8	102	2.66	21	9
A-18-147	340.20	340.46	0.26	2696642	4CSH - Massive cherty shale	TR	99		VAN18002153	8	5.5	1	850	<0.5	7309	10.1	1.3	104	0.45	<5	3.8
A-18-147				2696643				BLANK - BL126	VAN18002153	1.8	55.9	3.4	39	<0.5	571	6.2	8.6	422	2.77	<5	0.9
A-18-147	340.46	341.46	1.00	2696644	4PYSH	25	75		VAN18002153	16.2	36.3	18.4	170	<0.5	19641	56.9	8.5	184	4.74	21	4.5
A-18-147	341.46	342.38	0.92	2696645	4PYSH	27	73		VAN18002153	14.8	37.6	19.4	33	<0.5	23294	41.2	8	289	5.16	25	4.7
A-18-147	342.38	343.41	1.03	2696646	4PYSH	15	85		VAN18002153	17.9	36.1	20.6	201	<0.5	15505	57.1	9.5	285	3.82	19	5
A-18-147	343.41	344.46	1.05	2696647	4PYSH	5	95		VAN18002153	14.6	23	11.4	477	<0.5	12905	55	9.4	323	2.56	12	4
A-18-147	344.36	345.00	0.64	2696648	4PYSH	8	92		VAN18002153	15.6	27.8	16.1	344	<0.5	12819	54.7	7.8	319	3.2	14	4.4
A-18-147	345.00	346.00	1.00	2696649	4PYSH	15	85		VAN18002153	15.6	43	23.6	66	<0.5	21200	47.8	9.1	287	5.39	25	5.3
A-18-147	346.00	347.00	1.00	2696650	4PYSH	35	65		VAN18002153	13.6	47.9	29	148	<0.5	14927	47.5	8.6	448	7.4	26	6.2
A-18-147	347.00	348.00	1.00	2696651	4PYSH	30	70		VAN18002153	15.9	38.5	22.9	194	<0.5	14652	51.2	9.8	325	6.2	22	5
A-18-147	348.00	349.00	1.00	2696652	4PYSH	15	85		VAN18002153	16	39.2	14.9	598	<0.5	21443	54.6	9.3	235	4.45	16	5.6
A-18-147				2696653				STD CDN-ME-1306	VAN18002153	21.5	3864.8	15543.7	29622	99.8	716	35.2	25.3	956	8.79	526	1.2
A-18-147	349.00	350.00	1.00	2696654	4PYSH	10	90		VAN18002153	12.1	32.4	19.3	28	<0.5	19615	45	8.8	213	5.08	16	5
A-18-147	350.00	351.00	1.00	2696655	4PYSH	20	80		VAN18002153	13.8	25.9	16.1	18	<0.5	16109	41.2	8.9	328	4.83	17	6.5
A-18-147	351.00	352.00	1.00	2696656	4PYSH	30	70		VAN18002153	15.9	34.3	17.6	432	<0.5	17181	48.9	8.8	451	5.04	17	4.8
A-18-147	352.00	353.00	1.00	2696657	4PYSH	35	65		VAN18002153	13.1	42.4	23.1	238	<0.5	27151	48.2	7.8	370	6.4	22	3.6
A-18-147	353.00	354.00	1.00	2696658	4PYSH	20	80		VAN18002153	14.9	31.4	15.6	26	<0.5	17163	45.9	8.9	388	4.77	17	5
A-18-147	354.00	355.00	1.00	2696659	4PYSH	30	70		VAN18002153	15.5	40.4	21.4	298	<0.5	14987	54.9	9.4	278	5.78	23	4.9
A-18-147	355.00	356.00	1.00	2696660	4PYSH	24	76		VAN18002153	18.2	33.7	14.6	460	<0.5	18596	63.6	10.5	257	3.89	17	5.5
A-18-147	356.00	357.00	1.00	2696661	4PYSH	33	67		VAN18002153	13.8	43.6	25.5	65	<0.5	16665	45.4	9	537	6.93	23	4.3
A-18-147	357.00	358.00	1.00	2696662	4PYSH	34	66		VAN18002153	14.8	42.6	27.5	28	<0.5	26002	54.8	9.1	475	6.69	26	4.3
A-18-147				2696663				COARSE DUPE	VAN18002153	13.9	41.5	26.5	28	<0.5	26083	52.9	8.8	469	6.64	24	4.2

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-147	273.00	273.77	0.77	2695989	4.3	292	3.3	13.7	<0.5	54	3.32	0.057	13.5	4.7	0.05	990	0.004	0.47	<0.01	0.25	<0.5	0.06	2.8	1.3	1.59	<5	5	2.57	2.85
A-18-147	273.77	274.27	0.50	2695990	2.5	989	<0.5	10.3	<0.5	64	13.51	0.048	8.8	4.7	0.15	1147	0.004	0.4	<0.01	0.21	<0.5	0.08	3.2	0.9	1.72	<5	7	2.56	2.22
A-18-147	274.27	275.00	0.73	2695991	3.9	71	0.7	11.1	<0.5	74	0.65	0.047	16	5.6	0.05	944	0.004	0.48	<0.01	0.29	<0.5	<0.05	1.9	1.9	1.81	<5	8	2.54	2.32
A-18-147	275.00	276.00	1.00	2695992	4	61	<0.5	12.8	<0.5	71	0.37	0.049	15.4	5.8	0.05	1314	0.005	0.5	<0.01	0.28	<0.5	0.08	1.3	1.7	1.44	<5	7	2.54	2.07
A-18-147				2695993	1.1	41	204.2	166.1	11.9	37	1.57	0.044	7.3	42.7	1.59	232	0.011	1.39	0.01	0.14	1.1	8.12	3.2	8.9	8.16	7	39	2.94	0.08
A-18-147	276.00	277.00	1.00	2695994	4.4	53	<0.5	15.7	<0.5	83	0.25	0.045	15.6	6	0.05	1022	0.005	0.49	<0.01	0.29	<0.5	0.06	1.6	2.3	1.52	<5	9	2.52	3.3
A-18-147	277.00	278.00	1.00	2695995	4	209	1.1	12.4	<0.5	81	0.94	0.037	14.9	4.4	0.04	942	0.003	0.39	<0.01	0.2	<0.5	<0.05	1.1	1.9	2.04	<5	11	2.59	2.22
A-18-147	278.00	279.00	1.00	2695996	4.3	183	4.7	22	<0.5	37	1.06	0.069	14.6	3.4	0.04	809	0.003	0.47	<0.01	0.2	<0.5	0.16	1.4	3.9	4.77	<5	3	2.6	0.87
A-18-147	279.00	279.81	0.81	2695997	4.8	478	4.2	11	<0.5	35	2.2	0.071	17.1	3.7	0.05	1975	0.004	0.47	<0.01	0.19	<0.5	<0.05	1.7	1.5	1.74	<5	<2	2.55	2.44
A-18-147	279.81	280.81	1.00	2695998	2.7	333	0.9	25.6	<0.5	29	2.18	0.053	9.2	3.9	0.04	227	0.004	0.71	<0.01	0.18	<0.5	0.31	1.2	9.7	8.82	<5	<2	2.72	3.27
A-18-147	280.81	281.79	0.98	2695999	3.6	231	0.6	14.9	<0.5	21	1.69	0.05	11.4	2.7	0.04	575	0.003	0.81	<0.01	0.16	<0.5	0.21	1.2	5.4	5.09	<5	<2	2.63	3.54
A-18-147	281.79	282.46	0.67	2696000	3.7	62	1.3	8.9	<0.5	20	0.4	0.048	12.1	3.3	0.04	522	0.004	0.91	<0.01	0.18	<0.5	0.23	1.4	4.6	4.51	<5	<2	2.6	2.55
A-18-147	282.46	282.79	0.33	2696601	3.6	831	1.7	3.6	<0.5	21	5.13	0.045	10.7	3.6	0.09	1079	0.004	0.43	<0.01	0.16	<0.5	0.16	1.3	1.9	3.3	<5	<2	2.6	1.35
A-18-147	282.79	283.60	0.81	2696602	4	256	1.2	3.3	<0.5	22	1.63	0.046	12.4	4.1	0.07	460	0.005	0.82	<0.01	0.2	<0.5	0.36	1.4	8.6	6.18	<5	<2	2.63	3.24
A-18-147				2696603	3.8	259	1.3	3.3	<0.5	19	1.62	0.051	10.8	2.9	0.06	406	0.004	0.76	<0.01	0.19	<0.5	0.36	1.5	8.1	5.95	<5	<2	2.7	
A-18-147	283.60	284.07	0.47	2696604	3.8	145	3.5	2.6	<0.5	18	0.89	0.049	11.7	2.5	0.04	515	0.004	0.79	<0.01	0.15	<0.5	0.39	1	9.5	5.14	<5	<2	2.64	1.85
A-18-147	284.07	284.88	0.81	2696605	2.9	189	3	3	<0.5	20	1.3	0.042	9.2	3	0.04	250	0.004	0.67	<0.01	0.16	<0.5	0.54	1.2	13.7	8.2	<5	<2	2.68	3.51
A-18-147	284.88	285.60	0.72	2696606	4.6	200	0.7	1.6	<0.5	17	1.49	0.056	17.1	3.3	0.06	1474	0.005	0.69	<0.01	0.22	<0.5	0.18	1.8	3	2.31	<5	<2	2.51	2.12
A-18-147	285.60	286.05	0.45	2696607	3.3	367	1.2	2.9	<0.5	20	2.87	0.05	12.4	3.3	0.05	347	0.004	1.02	<0.01	0.16	<0.5	0.46	2	10.6	6.62	<5	<2	2.68	1.98
A-18-147	286.05	286.94	0.89	2696608	3.7	162	1.5	3.3	<0.5	21	0.98	0.039	12.8	2.7	0.04	425	0.004	0.93	<0.01	0.16	<0.5	0.41	1.2	7.9	5.75	<5	<2	2.68	2.61
A-18-147	286.94	287.84	0.90	2696609	3.7	309	0.8	3.2	<0.5	26	1.9	0.047	13.6	3.5	0.06	466	0.005	0.8	<0.01	0.19	<0.5	0.32	1.1	8.2	5.78	<5	<2	2.67	3.22
A-18-147	287.84	288.26	0.42	2696610	4.5	125	1.1	2.8	<0.5	26	0.69	0.046	17.8	3.5	0.04	1057	0.005	1.28	<0.01	0.16	<0.5	0.22	1.8	3.5	2.37	<5	<2	2.59	2.01
A-18-147	288.26	289.05	0.79	2696611	2.8	430	3.4	3.4	<0.5	20	2.58	0.054	10	3.2	0.06	307	0.005	1.04	<0.01	0.15	<0.5	0.62	1.2	13.4	7.2	<5	<2	2.71	2.89
A-18-147	289.05	289.65	0.60	2696612	4.2	148	3.6	2.5	<0.5	25	0.87	0.05	15.8	3.7	0.04	542	0.009	1.19	<0.01	0.17	<0.5	0.48	1.3	8.3	4.43	<5	<2	2.62	2.57
A-18-147				2696613	2.5	74	<0.5	<0.5	<0.5	96	0.9	0.045	6.9	8.4	0.7	120	0.139	1.56	0.17	0.19	3	<0.05	1.7	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-147	289.65	290.69	1.04	2696614	2.7	268	3.1	4.2	<0.5	21	1.96	0.035	9.5	2.6	0.04	288	0.009	1.11	<0.01	0.14	<0.5	0.49	1.1	14.1	7.12	<5	<2	2.69	3.94
A-18-147	290.69	291.49	0.80	2696615	5.3	176	1.3	4.1	<0.5	24	0.88	0.055	17	3.4	0.05	768	0.024	0.95	<0.01	0.2	<0.5	0.2	1.3	7	3.71	<5	<2	2.64	3.18
A-18-147	291.49	292.06	0.57	2696616	6	87	<0.5	3.2	<0.5	27	0.6	0.084	25.3	3.8	0.06	1702	0.029	0.99	<0.01	0.21	<0.5	0.15	1.5	2.4	1.98	<5	<2	2.61	2.25
A-18-147	292.06	293.01	0.95	2696617	3.5	236	0.9	4.5	<0.5	52	1.45	0.046	15	2.9	0.04	1873	0.009	0.8	<0.01	0.15	<0.5	0.11	0.8	1.2	1.51	<5	<2	2.52	3.56
A-18-147	293.01	293.95	0.94	2696618	3	305	<0.5	5.8	<0.5	40	2.37	0.051	14.5	2.8	0.04	1540	0.011	0.89	<0.01	0.15	<0.5	0.13	1.2	1.6	1.83	<5	<2	2.54	3.46
A-18-147	293.95	295.00	1.05	2696619	3.4	465	0.9	3.9	<0.5	66	4.1	0.051	16.5	4.2	0.08	842	0.015	0.43	<0.01	0.19	<0.5	0.05	1	1.1	1.29	<5	<2	2.53	3.21
A-18-147	295.00	295.96	0.96	2696620	3.4	284	<0.5	4.2	<0.5	67	1.76	0.042	15.6	3.2	0.05	946	0.024	0.41	<0.01	0.18	<0.5	<0.05	1.6	1	1.3	<5	<2	2.51	4.07
A-18-147	324.00	325.00	1.00	2696621	4	129	2.3	5.6	<0.5	61	0.72	0.041	14.8	4.1	0.04	907	0.005	0.44	<0.01	0.21	<0.5	0.11	0.8	1	1.56	<5	2	2.52	3.91
A-18-147	325.00	326.00	1.00	2696622	3.5	173	5.7	6.1	<0.5	55	0.65	0.045	12.6	4.4	0.03	1124	0.005	0.39	<0.01	0.19	<0.5	0.11	1.2	0.8	2.23	<5	5	2.51	2.83
A-18-147				2696623	1.2	37	200.9	157.5	11.6	34	1.61	0.044	6.8	44.7	1.65	219	0.011	1.4	0.01	0.12	0.9	7.83	3	8.6	8.15	7	39	I.S.	0.08
A-18-147	325.73	326.53	0.80	2696624	3.5	1030	0.9	4.8	<0.5	56	4.34	0.047	11.3	4.5	0.06	831	0.005	0.39	<0.01	0.18	<0.5	0.13	1.3	0.8	1.73	<5	4	2.5	3.26
A-18-147	326.53	327.31	0.78	2696625	4.2	336	<0.5	4.9	<0.5	40	1.05	0.047	16.6	4.5	0.03	2372	0.004	0.7	<0.01	0.18	<0.5	0.09	1.5	1.1	1.61	<5	3	2.54	2.54
A-18-147	327.31	328.00	0.69	2696626	3.8	218	<0.5	5.5	<0.5	28	1.09	0.05	13.5	5.4	0.03	441	0.005	0.77	<0.01	0.18	<0.5	0.14	1.6	2.8	5.24	<5	4	2.6	2.58
A-18-147	328.00	329.00	1.00	2696627	4.8	78	<0.5	4.1	<0.5	31	0.44	0.056	18.6	4.2	0.03	1782	0.005	0.7	<0.01	0.2	<0.5	0.11	1.4	1.5	2.07	<5	3	2.55	3.94
A-18-147	329.00	330.00	1.00	2696628	5	160	0.7	3.7	<0.5	29	0.74	0.054	17.1	4.5	0.04	974	0.005	0.69	<0.01	0.21	<0.5	0.11	1.5	1.9	2.86	<5	2	2.56	4.11
A-18-147	330.00	331.00	1.00	2696629	3.8	358	<0.5	4.3	<0.5	23	1.64	0.05	12	4.1	0.04	502	0.005	0.73	<0.01	0.17	<0.5	0.15	1.6	2.3	4.27	<5	3	2.57	3.12
A-18-147	331.00	332.00	1.00	2696630	4.4	286	8	3.8	<0.5	35	1.16	0.05	15.6	5.4	0.05	1348	0.006	0.66	<0.01	0.19	<0.5	0.08	1.7	1.4	2.29	<5	4	2.47	3.71
A-18-147	332.00	332.86	0.86	2696631	3	580	<0.5	6	<0.5	23	2.5	0.043	10.1	4.6	0.05	356	0.005	0.73	<0.01	0.14	<0.5	0.18	1.7	3.6	6.26	<5	3	2.63	3.22
A-18-147	332.86	333.81	0.95	2696632	4.2	96	2.6	5.7	<0.5	62	0.49	0.058	19.1	6.4	0.05	1802	0.007	1.08	<0.01	0.21	<0.5	0.07	1.9	1.2	1.9	<5	4	2.48	3.54
A-18-147				2696633	4.1	88	2.7	5.8	<0.5	60	0.47	0.057	18.3	6.4	0.05	1764	0.007	1.08	<0.01	0.2	<0.5	0.09	1.8	1.2	1.88	<5	5	2.48	
A-18-147	333.81	334.83	1.02	2696634	4.8	122	1.3	6.9	<0.5	43	0.58	0.062	18.9	4.8	0.04	1636	0.006	0.88	<0.01	0.2	<0.5	0.09	1.9	1.3	2.19	<5	4	2.52	4.13
A-18-147	334.83	335.87	1.04	2696635	4.6	580	1.8	4.8	<0.5	39	2.48	0.05	16.8	5.7	0.06	1792	0.006	0.55	<0.01	0.21	<0.5	0.1	1.7	1	2.17	<5	4	2.52	3.68
A-18-147	335.87	336.77	0.90	2696636	3.8	430	5.7	4	<0.5	42	1.87	0.049	15.1	4.8	0.06	2024	0.006	0.46	<0.01	0.19	<0.5	0.07	1.6	1	2.21	<5	4	2.54	3.15
A-18-147	336.77	337.37	0.60	2696637	3.6	1083	<0.5	4.2	<0.5	47	6.95	0.058	16.4	4.8	0.11	2209	0.005	0.48	<0.01	0.18	<0.5	0.06	1.9	1.1	2.06	<5	4	2.53	2.37
A-18-147	337.37	338.13	0.76	2696638	4.2	543	<0.5	6.3	<0.5	47	2.13	0.051	12.8	5.2	0.07	765	0.006	0.45	<0.01	0.2	<0.5	0.15	2.2	2.3	4.62	<5	5	2.58	3.11
A-18-147	338.13	338.61	0.48	2696639	4.3	216	3.9	3.3	<0.5	40	1.16	0.05	16.5	4.6	0.04	1392	0.004	0.65	<0.01	0.17	<0.5	0.11	2	1.2	1.92	<5	4	2.55	1.86
A-18-147	338.61	339.59	0.98	2696640	3	277	<0.5	4.8	<0.5	21	1.35	0.047	12.1	4.5	0.04	266	0.005	1	<0.01	0.15	<0.5	0.41	1.9	5.1	7.42	<5	3	2.63	3.55
A-18-147	339.59	340.20	0.61	2696641	4.7	230	0.5	5.6	<0.5	38	0.93	0.056	17.8	5.1	0.04	1248	0.005	1.2	<0.01	0.18	<0.5	0.16	1.9	1.9	2.43	<5	3	2.51	2.59
A-18-147	340.20	340.46	0.26	2696642	<0.5	751	5.4	0.7	<0.5	<10	1.75	0.008	2.3	1.8	0.01	3248	<0.001	0.17	<0.01	0.03	<0.5	<0.05	<0.5	<0.5	0.37	<5	<2	2.57	0.64
A-18-147				2696643	2.8	81	<0.5	<0.5	<0.5	96	0.96	0.056	7.4	10.8	0.69	120	0.143	1.65	0.19	0.2	2.5	<0.05	2.4	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-147	340.46	341.46	1.00	2696644	4.2	146	1.1	3.6	<0.5	29	0.57	0.054	15.5	6.1	0.05	503	0.006	0.94	<0.01	0.19	<0.5	0.33	1.8	4.6	4.93	<5	2	2.65	4.1
A-18-147	341.46	342.38	0.92	2696645	3.6	399	<0.5	3.3	<0.5	19	1.91	0.059	12.6	4.3	0.03	470	0.004	1.01	<0.01	0.14	<0.5	0.38	2.4	4.9	5.34	<5	<2	2.64	3.71
A-18-147	342.38	343.41	1.03	2696646	4.5	452	1.5	3.2	<0.5	30	2.08	0.054	15.8	5.7	0.06	658	0.005	0.75	<0.01	0.21	<0.5	0.19	2.4	3.2	4.08	<5	<2	2.62	3.46
A-18-147	343.41	344.46	1.05	2696647	4.8	806	3	2	<0.5	29	4.06	0.057	17.5	5	0.07	1263	0.005	0.56	<0.01	0.19	<0.5	0.12	2.6	1.7	2.76	<5	3	2.57	3.91
A-18-147	344.36	345.00	0.64	2696648	4.6	789	1.9	2.3	<0.5	34	3.98	0.053	16.3	5.7	0.08	847	0.005	0.64	<0.01	0.2	<0.5	0.17	2.6	1.7	3.41	<5	2	2.53	2.33
A-18-147	345.00	346.00	1.00	2696649	4	281	<0.5	3.8	<0.5	20	1.12	0.054	14.4	5	0.05	419	0.004	0.88	<0.01	0.17	<0.5	0.19	1.9	4.7	5.66	<5	2	2.61	3.59
A-18-147	346.00	347.00	1.00	2696650	3.8	549	0.9	3.5	<0.5	19	2.21	0.051	11.3	5.5	0.08	245	0.005	0.67	<0.01	0.17	<0.5	0.47	1.7	8.7	8.23	<5	<2	2.67	3.66
A-18-147	347.00	348.00	1.00	2696651	3.9	273	1.2	2.9	<0.5	19	1.11	0.052	13.3	4.9	0.05	332	0.005	0.66	<0.01	0.18	<0.5	0.37	1.8	6.7	6.69	<5	<2	2.63	4.2
A-18-147	348.00	349.00	1.00	2696652	4.2	246	3.6	2.1	<0.5	24	1.27	0.063	17.3	5.1	0.05	504	0.005	0.91	<0.01	0.19	<0.5	0.33	1.7	4.6	4.69	<5	<2	2.63	3.25
A-18-147				2696653	1.1	35	184.5	149.3	11.4	33	1.53	0.041	7.1	45.4	1.58	228	0.011	1.34	<0.01	0.12	0.9	7.58	2.8	8.3	7.73	7	37	2.93	0.07
A-18-147	349.00	350.00	1.00	2696654	4.9	249	<0.5	2	<0.5	18	1.6	0.071	16.6	4.5	0.06	404	0.004	0.74	<0.01	0.18	<0.5	0.36	2	5.3	5.45	<5	2	2.6	3.74
A-18-147	350.00	351.00	1.00	2696655	4.8	433	<0.5	1.8	<0.5	16	1.85	0.06	14.7	4	0.05	485	0.004	0.61	<0.01	0.18	<0.5	0.27	1.8	4.5	5.23	<5	<2	2.58	3.33
A-18-147	351.00	352.00	1.00	2696656	3.3	604	2.6	2.4	<0.5	20	3.38	0.064	10	4	0.05	408	0.004	0.66	<0.01	0.16	<0.5	0.37	2	5.2	5.48	<5	<2	2.6	3.98
A-18-147	352.00	353.00	1.00	2696657	3	327	1.5	3.6	<0.5	18	1.55	0.051	8.2	3.4	0.04	248	0.003	1.04	<0.01	0.16	<0.5	0.32	2.1	5	7.01	<5	<2	2.67	4.32
A-18-147	353.00	354.00	1.00	2696658	3.6	359	<0.5	2.5	<0.5	16	1.76	0.053	10.6	3.9	0.05	376	0.003	0.72	<0.01	0.17	<0.5	0.21	2.1	3.6	5.22	<5	<2	2.63	3.96
A-18-147	354.00	355.00	1.00	2696659	3.9	168	1.7	3	<0.5	17	0.88	0.063	10.6	3	0.04	280	0.003	0.61	<0.01	0.17	<0.5	0.43	1.8	6.3	6.59	<5	<2	2.64	4.27
A-18-147	355.00	356.00	1.00	2696660	4.1	229	2.3	2.3	<0.5	22	1.14	0.065	12	3.9	0.04	445	0.003	0.75	<0.01	0.17	<0.5	0.24	1.8	4.4	4.23	<5	<2	2.6	3.98
A-18-147	356.00	357.00	1.00	2696661	2.8	411	0.6	3.2	<0.5	16	2.56	0.053	7.4	3.3	0.05	201	0.003	0.67	<0.01	0.15	<0.5	0.48	1.9	9.2	7.71	<5	<2	2.65	4.14
A-18-147	357.00	358.00	1.00	2696662	2.8	240	<0.5	3.4	<0.5	20	1.17	0.056	9.8	3.3	0.04	244	0.004	1.03	<0.01	0.16	<0.5	0.41	1.8	6.7	7.39	<5	<2	2.63	4.4
A-18-147				2696663	3.1	218	<0.5	3.2	<0.5	17	1.11	0.056	9.1	2.9	0.04	266	0.003	1	<0.01	0.15	<0.5	0.34	2.4	6.3	7.33	<5	<2	2.64	

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**%SULPHIDES**	**%SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
A-18-147	358.00	359.00	1.00	2696664	4PYSH	18	82		VAN18002153	12.6	32.2	16.4	17	<0.5	35208	50.6	9.2	281	4.41	19	3.9
A-18-147	359.00	360.00	1.00	2696665	4PYSH	40	60		VAN18002153	12.8	37.3	25.1	41	<0.5	27214	51	8.8	425	6.17	23	4.3
A-18-147	360.00	361.00	1.00	2696666	4PYSH	28	72		VAN18002153	17.8	45.5	22.5	130	<0.5	28220	62.6	9.5	422	6.56	24	4.8
A-18-147	361.00	362.00	1.00	2696667	4PYSH	23	77		VAN18002153	13.3	47.7	30.8	73	<0.5	19862	51.9	9.5	587	8.08	28	4.6
A-18-147	362.00	363.00	1.00	2696668	4PYSH	20	80		VAN18002153	16.1	42.5	26.4	133	<0.5	23750	57.3	9.2	548	6.04	23	4.7
A-18-147	363.00	364.00	1.00	2696669	4PYSH	32	68		VAN18002153	15.8	45.8	27	351	<0.5	19395	52.5	8.7	374	7.11	25	5.2
A-18-147	364.00	365.00	1.00	2696670	4PYSH	30	70		VAN18002153	16.7	52.3	28.6	100	<0.5	26464	56.7	9.5	433	7.41	26	6.1
A-18-147	365.00	366.00	1.00	2696671	4PYSH	21	79		VAN18002153	17.8	41.1	20.9	270	<0.5	29973	60	10	341	6.12	22	5.9
A-18-147	366.00	367.00	1.00	2696672	4PYSH	16	84		VAN18002153	18.4	35.5	16.2	1216	<0.5	30127	59.9	10.3	237	4.25	19	5.6
A-18-147				2696673				Blank - BL126	VAN18002153	1.8	50.7	3.6	38	<0.5	611	5	7.9	400	2.62	<5	0.8
A-18-147	367.00	368.00	1.00	2696674	4PYSH	15	85		VAN18002153	13.9	36.1	16.5	138	<0.5	36609	54.3	12	261	4.53	18	4.6
A-18-147	368.00	369.00	1.00	2696675	4PYSH	45	55		VAN18002153	12.6	58.1	33.5	93	<0.5	21681	47.3	9	461	9.13	31	4.3
A-18-147	369.00	370.00	1.00	2696676	4PYSH	41	59		VAN18002153	13.1	46.3	26.9	30	<0.5	13976	45.2	7.8	562	7.72	24	4.1
A-18-147	370.00	371.00	1.00	2696677	4PYSH	45	55		VAN18002153	12.6	43.7	22.9	141	<0.5	24902	55.2	10.4	354	6.1	24	3.8
A-18-147	371.00	372.00	1.00	2696678	4PYSH	50	50		VAN18002153	11.7	47.6	24.7	75	<0.5	25533	56.2	10	555	6.44	26	3.2
A-18-147	372.00	373.00	1.00	2696679	4PYSH	21	79		VAN18002153	14.5	40.8	22.5	42	<0.5	21205	49.2	8.8	435	5.62	23	4.5
A-18-147	373.00	374.00	1.00	2696680	4PYSH	18	82		VAN18002153	16	34.5	16.4	71	<0.5	20886	54.3	9	198	4.43	21	4.5
A-18-147	374.00	375.00	1.00	2696681	4PYSH	65	35		VAN18002153	17.1	44.9	27.6	27	<0.5	20295	49.5	8.6	240	6.78	29	5.6
A-18-147	375.00	376.00	1.00	2696682	PYSH -20cm bed orthagonal to core ax	61	39		VAN18002153	16.4	63	35.1	29	<0.5	14412	48.2	7.9	358	8.65	36	5
A-18-147			0.00	2696683				STD CDN-ME-1306	VAN18002153	21.7	3986.6	15317.8	31444	105.6	745	34.5	25.7	974	8.9	556	1.2
A-18-147	376.00	377.02	1.02	2696684	4PYSH	33	67		VAN18002153	14.4	49.7	29.2	74	<0.5	14584	49.2	8.3	371	6.93	27	5.1
A-18-147	377.02	378.00	0.98	2696685	4PYSH	22	78		VAN18002153	17	34.3	18.8	46	<0.5	13646	45.7	8.5	396	4.22	22	6.3
A-18-147	378.00	378.96	0.96	2696686	4PYSH	18	82		VAN18002153	13.8	26.1	12.6	27	<0.5	19793	41.7	7.5	300	3.86	15	5.1
A-18-147	378.96	380.09	1.13	2696687	4PYSH	46	54		VAN18002153	12.9	33.9	21.2	29	<0.5	22152	40.8	6.8	485	5.62	24	4.3
A-18-147	380.09	381.01	0.92	2696688	SH - sulphide beding orthoganal to cor	65	35		VAN18002153	13.8	41.7	32.5	37	<0.5	22083	44.6	7.8	419	6.96	34	5.6
A-18-147	381.01	382.01	1.00	2696689	4PYSH	27	73		VAN18002153	14.6	39.9	26.4	18	<0.5	26377	46.6	7.8	214	5.54	26	4.3
A-18-147	382.01	382.99	0.98	2696690	4PYSH	22	78		VAN18002153	20.5	29.9	21.7	19	<0.5	25214	54.2	9.1	231	4.51	21	5.8
A-18-147	382.99	384.01	1.02	2696691	4PYSH	5	95		VAN18002153	16	21.3	8.4	827	<0.5	34776	65.3	12	233	1.84	12	3.7
A-18-147	384.01	384.96	0.95	2696692	4PYSH	14	86		VAN18002153	16.6	25.1	12.6	777	<0.5	29683	53.8	9	229	3.09	14	4.7
A-18-147			0.00	2696693				PULP DUPE	VAN18002153	16.2	24.1	13.2	761	<0.5	29593	54.2	9.6	226	3.07	13	4.8
A-18-147	384.96	386.00	1.04	2696694	4PYSH	41	59		VAN18002153	11.9	49.9	21.6	26	<0.5	28226	39.1	6.2	250	6.74	28	3.8
A-18-147	386.00	387.03	1.03	2696695	4PYSH	31	69		VAN18002153	14.6	30.1	16.8	25	<0.5	24819	42.6	7.8	209	4.74	19	5.1
A-18-147	387.03	388.05	1.02	2696696	4PYSH	28	72		VAN18002153	18	37.1	23.1	26	<0.5	23349	50.2	7.4	273	4.68	21	5
A-18-147	388.05	388.95	0.90	2696697	4PYSH	13	87		VAN18002153	15.6	35.2	20.3	48	<0.5	29456	52.7	8	238	5.04	23	5
A-18-147	388.95	390.03	1.08	2696698	4PYSH	44	56		VAN18002153	15.5	47.4	20.9	26	<0.5	22946	41.7	7.9	253	6.21	27	5.4
A-18-147	390.03	390.99	0.96	2696699	4PYSH	28	72		VAN18002153	15.3	37.1	24.4	29	<0.5	24348	47.4	7.5	277	5.18	26	4.6
A-18-147	390.99	391.93	0.94	2696700	4PYSH - 4SH Interbed	TR	99		VAN18002153	14.5	20.5	7.1	860	<0.5	23931	53	9.4	277	1.51	8	3.4
A-18-147	391.93	393.00	1.07	2696701	4PYSH	10	90		VAN18002153	13	34	18.2	325	<0.5	30082	49.7	8.8	410	4.45	19	4.7
A-18-147	393.00	394.02	1.02	2696702	4PYSH	24	76		VAN18002153	13	39	16.9	17	<0.5	38145	51.8	7.8	194	4.46	25	3.9
A-18-147			0.00	2696703				Blank BL-126	VAN18002153	1.8	48.6	3.1	33	<0.5	602	4.2	8	413	2.64	<5	0.8
A-18-147	394.02	395.02	1.00	2696704	4PYSH	25	75		VAN18002153	14	40.1	20.5	37	<0.5	29253	44.7	7.9	250	5.66	26	5.2
A-18-147	395.02	396.00	0.98	2696705	4PYSH	22	78		VAN18002153	13.3	36.6	23.6	32	<0.5	28474	40.4	6.9	285	5.24	24	3.7
A-18-147	396.00	397.00	1.00	2696706	4PYSH	45	55		VAN18002153	15.7	43.4	32.7	25	<0.5	23726	46.7	7.1	344	5.91	30	4.5
A-18-147	397.00	398.01	1.01	2696707	4PYSH	10	90		VAN18002153	19.8	25.6	13.1	78	<0.5	33597	52	10.1	180	3.25	17	5.9
A-18-147	398.01	398.99	0.98	2696708	4PYSH	13	87		VAN18002153	15.1	26.1	16.7	294	<0.5	31180	49.7	8.5	210	3.67	18	3.7
A-18-147	398.99	400.00	1.01	2696709	4PYSH	35	65		VAN18002153	13.3	26.4	21.4	31	<0.5	18833	51.9	7.9	390	4.35	22	3.3
A-18-147	400.00	400.97	0.97	2696710	4PYSH - 4SH Interbed	TR	99		VAN18002153	14.2	15.8	8.5	161	<0.5	15034	56.2	8.7	400	2.14	11	3.1
A-18-147	400.97	401.96	0.99	2696711	4PYSH	5	95		VAN18002153	14.8	19.3	12	40	<0.5	16678	52	8.3	313	2.87	14	3.3
A-18-147	401.96	402.96	1.00	2696712	4PYSH	12	88		VAN18002153	14.4	40.3	20.2	52	<0.5	20432	49.9	8.6	209	5.59	24	3.8
A-18-147			0.00	2696713				STD CDN-ME-1306	VAN18002153	21.2	4070.9	15784.2	32060	105.7	710	36.3	23.9	1062	9.15	582	1.1
A-18-147	402.96	404.01	1.05	2696714	4PYSH - 4SH Interbed	TR	99		VAN18002153	12.5	16.9	7.2	128	<0.5	31776	55.9	8	39	1.84	12	2.9
A-18-147	404.01	405.00	0.99	2696715	4PYSH	23	77		VAN18002153	11.9	33.5	19	185	<0.5	35749	48.1	8.6	423	4.09	19	3.2
A-18-147	405.00	406.00	1.00	2696716	4PYSH	15	85		VAN18002153	12.6	50.9	28.9	280	<0.5	31244	54.2	10.1	416	5.69	29	3.5
A-18-147	406.00	407.01	1.01	2696717	4PYSH	18	82		VAN18002153	13.9	46.9	24.3	653	<0.5	37048	58.1	10.7	362	5.1	26	4
A-18-147	407.01	407.95	0.94	2696718	4PYSH	26	74		VAN18002153	14.5	44.7	22.8	28	<0.5	17448	47.7	8.5	373	6.12	27	4.5
A-18-147	407.95	408.97	1.02	2696719	4PYSH	28	72		VAN18002153	16.8	30.3	13	16	<0.5	19088	49.1	9.9	370	3.55	17	5
A-18-147	408.97	410.02	1.05	2696720	4PYSH	33	67		VAN18002153	17.8	46.5	19.7	15	<0.5	17991	55	10.1	373	4.84	24	6
A-18-147	410.02	410.96	0.94	2696721	4PYSH	36	64		VAN18002153	14	80.5	37.8	26	0.7	16352	46	8.7	469	9.03	37	4.3
A-18-147	410.96	411.96	1.00	2696722	4PYSH	57	43		VAN18002153	10.5	89.3	45.9	52	0.8	15619	37.2	6.2	658	10.72	42	3.3
A-18-147			0.00	2696723				COARSE DUPE	VAN18002153	10.3	91.6	47	53	0.9	15704	36.5	6.2	623	10.89	45	3.4
A-18-147	411.96	412.97	1.01	2696724	4PYSH	37	63		VAN18002153	15.1	56.1	28.6	36	0.6	22902	51	8.6	338	7.1	30	3.7
A-18-147	412.97	413.82	0.85	2696725	4PYSH - 4SH Interbed	TR	99		VAN18002153	20.1	24.4	7.1	42	<0.5	57555	74.5	9.9	58	1.73	14	4.4
A-18-147	413.82	414.97	1.15	2696726	4PYSH	40	60		VAN18002153	12.2	50.5	27.1	143	<0.5	31144	54.3	8.9	466	6.86	32	10.6
A-18-147	414.97	415.98	1.01	2696727	4PYSH	60	40		VAN18002153	12.1	81.1	45.7	101	0.6	20181	52	8.3	463	9.03	39	4.5
A-18-147	415.98	416.96	0.98	2696728	4PYSH	22	78		VAN18002153	18.6	44.6	20.1	120	<0.5	34689	63.2	10.1	209	4.64	24	6.4
A-18-147	416.96	417.76	0.80	2696729	4PYSH - 4SH Interbed	TR	99		VAN18002153	24.2	21.5	6.5	1396	<0.5	46822	79.6	10.6	204	1.42	14	13.5
A-18-147	417.76	418.91	1.15	2696730	4PYSH - 4SH Interbed	TR	9		VAN18002153	24.4	23.9	9.5	629	<0.5	32180	80.9	9.5	104	2.24	17	6.4
A-18-147	418.91	420.00	1.09	2696731	4PYSH	19	81		VAN18002153	14.5	59.8	35.2	123	<0.5	28784	64.6	9.2	255	6.21	31	5.6
A-18-147	420.00	420.89	0.89	2696732	4PYSH	25	75		VAN18002153	12.6	49.4	23	34	<0.5	41785	56.5	8.6	162	4.67	25	3.3
A-18-147			0.00	2696733				BIANK BL-126	VAN18002153	1.8	53.7	3	36	<0.5	627	4.9	8.6	401	2.54	<5	1
A-18-147	420.89	421.96	1.07	2696734	4PYSH - 4SH Interbed	TR	99		VAN18002153	19.5	23.7	8.4	24	<0.5	26237	65.9	11.8	41	2.13	15	5.8
A-18-147	421.96	422.73	0.77	2696735	4PYSH	13	87		VAN18002153	14.3	24.3	9.8	80	<0.5	38998	63.9	9.8	70	2.08	14	4.9
A-18-147	422.73	423.48	0.75	2696736	4PYSH	45	55		VAN18002153	9.9	113.1	65.2	131	1	18970	49.4	7.8	503	10.93	53	6.6
A-18-147	423.48	424.48	1.00	2696737	4SH	TR	99		VAN18002153	21.8	31.7	12	909	<0.5	34373	83.5	13	111	1.79	14	6.7
A-18-147	424.48	425.57	1.09	2696738	4SH	TR	99		VAN18002153	20.3	31.1	13.7	32	<0.5	30752	70.3	11.8	287	1.97	13	4.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-147	358.00	359.00	1.00	2696664	4.5	129	<0.5	2.3	<0.5	22	0.64	0.072	14.9	3.9	0.05	453	0.004	1.46	<0.01	0.18	<0.5	0.23	2.3	4.3	4.5	<5	<2	2.61	4.06
A-18-147	359.00	360.00	1.00	2696665	3.7	239	<0.5	3.2	<0.5	18	1.1	0.062	12.4	3.1	0.05	250	0.003	1.07	<0.01	0.17	<0.5	0.36	2.2	5.7	6.78	<5	<2	2.61	4.41
A-18-147	360.00	361.00	1.00	2696666	2.8	281	0.9	3.2	<0.5	24	1.57	0.052	8.8	3.3	0.04	239	0.004	1.21	<0.01	0.15	<0.5	0.42	2.2	8.5	7.09	<5	<2	2.67	3.86
A-18-147	361.00	362.00	1.00	2696667	3.2	268	<0.5	4.1	<0.5	17	1.25	0.049	9.4	2.6	0.04	179	0.004	0.73	<0.01	0.16	<0.5	0.45	1.8	8.2	9.2	<5	<2	2.67	3.5
A-18-147	362.00	363.00	1.00	2696668	3.3	518	0.8	3.4	<0.5	20	2.46	0.045	9.9	3.6	0.05	293	0.004	0.85	<0.01	0.15	<0.5	0.36	2.2	6	6.55	<5	<2	2.62	2.66
A-18-147	363.00	364.00	1.00	2696669	3.2	300	1.8	3.4	<0.5	16	1.81	0.053	8.5	2.6	0.05	248	0.003	0.79	<0.01	0.14	<0.5	0.44	1.7	8.7	8	<5	<2	2.61	3.71
A-18-147	364.00	365.00	1.00	2696670	2.9	171	0.6	3.8	<0.5	21	1.23	0.062	8.9	3.5	0.05	214	0.004	1.04	<0.01	0.16	<0.5	0.58	1.9	10.1	8.22	<5	<2	2.64	4.02
A-18-147	365.00	366.00	1.00	2696671	3.1	186	1.6	3	<0.5	21	1.09	0.053	10.2	3.2	0.04	250	0.003	1.13	<0.01	0.16	<0.5	0.49	2.1	7.3	6.65	<5	<2	2.63	4.15
A-18-147	366.00	367.00	1.00	2696672	3.5	162	7.6	2.5	<0.5	25	0.89	0.055	11.1	4	0.04	436	0.004	1.22	<0.01	0.17	<0.5	0.41	2.3	4.8	4.49	<5	<2	2.62	4.29
A-18-147				2696673	2.6	68	<0.5	<0.5	<0.5	92	0.84	0.054	6.8	9.7	0.7	116	0.127	1.47	0.15	0.19	2.4	<0.05	1.9	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-147	367.00	368.00	1.00	2696674	3.9	133	0.8	2.6	<0.5	19	0.74	0.077	13.1	3.6	0.04	395	0.003	1.5	<0.01	0.18	<0.5	0.31	2.3	5	4.57	<5	<2	2.6	4.55
A-18-147	368.00	369.00	1.00	2696675	2.9	431	0.7	4.3	<0.5	16	2.44	0.05	7.7	3.4	0.06	164	0.004	0.88	<0.01	0.18	<0.5	0.54	2.2	12.8	10.07	<5	<2	2.69	4.09
A-18-147	369.00	370.00	1.00	2696676	3.1	623	0.6	3.3	<0.5	16	3.44	0.05	7.8	2.8	0.06	202	0.004	0.51	<0.01	0.15	<0.5	0.45	2	10.1	8.6	<5	<2	2.64	4.01
A-18-147	370.00	371.00	1.00	2696677	3.3	160	0.8	3.4	<0.5	18	1.04	0.057	10.1	3.4	0.05	257	0.004	1.03	<0.01	0.18	<0.5	0.41	2.2	7	6.7	<5	<2	2.66	3.79
A-18-147	371.00	372.00	1.00	2696678	3.1	283	0.7	4.1	<0.5	18	2.47	0.076	8.6	3	0.05	251	0.003	0.97	<0.01	0.15	<0.5	0.37	1.9	7.8	6.99	<5	<2	2.68	4.35
A-18-147	372.00	373.00	1.00	2696679	3.5	311	<0.5	3.6	<0.5	18	1.87	0.059	9.4	3.5	0.05	287	0.004	0.78	<0.01	0.16	<0.5	0.31	2	5.6	6.23	<5	<2	2.54	4.09
A-18-147	373.00	374.00	1.00	2696680	4.1	175	0.5	3.1	<0.5	21	0.91	0.058	12.6	3.5	0.05	414	0.004	0.83	<0.01	0.18	<0.5	0.33	1.9	5.1	4.87	<5	<2	2.56	3.93
A-18-147	374.00	375.00	1.00	2696681	3.1	119	<0.5	4.5	<0.5	19	0.76	0.046	9.3	3.4	0.04	229	0.004	0.73	<0.01	0.16	0.5	0.38	1.5	6.7	7.75	<5	<2	2.61	3.91
A-18-147	375.00	376.00	1.00	2696682	2.8	205	<0.5	6.3	<0.5	17	0.85	0.039	7.5	2.6	0.04	165	0.003	0.47	<0.01	0.14	<0.5	0.57	1.1	9.8	10.17	<5	<2	2.66	4.35
A-18-147			0.00	2696683	1.2	36	197	159.1	12.5	34	1.59	0.038	7.2	44.6	1.62	225	0.011	1.35	<0.01	0.13	1	8.12	3.2	8.9	8.15	7	38	I.S.	0.08
A-18-147	376.00	377.02	1.02	2696684	3.6	526	0.7	5.1	<0.5	21	2.46	0.049	8.8	3.4	0.05	258	0.004	0.52	<0.01	0.16	<0.5	0.51	1.6	8.6	7.89	<5	3	2.64	4.28
A-18-147	377.02	378.00	0.98	2696685	3.5	825	<0.5	3	<0.5	17	4.46	0.058	11.2	3.2	0.04	519	0.003	0.44	<0.01	0.14	<0.5	0.25	1.6	4.7	4.78	<5	<2	2.53	3.81
A-18-147	378.00	378.96	0.96	2696686	3.6	338	<0.5	2.1	<0.5	19	2.11	0.064	11.7	3.5	0.04	475	0.004	0.71	<0.01	0.15	<0.5	0.24	1.6	4.2	4.2	<5	<2	2.53	3.92
A-18-147	378.96	380.09	1.13	2696687	3.2	255	<0.5	3.5	<0.5	19	2.28	0.064	8.7	3.7	0.04	269	0.004	0.71	<0.01	0.14	<0.5	0.3	1.3	5.4	6.19	<5	2	2.58	4.99
A-18-147	380.09	381.01	0.92	2696688	2.6	160	<0.5	4.6	<0.5	17	0.81	0.069	8.5	3.1	0.03	194	0.003	0.56	<0.01	0.12	<0.5	0.25	1.2	5.9	8.06	<5	<2	2.65	3.97
A-18-147	381.01	382.01	1.00	2696689	3.2	121	<0.5	4.1	<0.5	21	0.62	0.056	9.8	3.9	0.03	266	0.004	0.88	<0.01	0.14	<0.5	0.32	1.9	5.8	6.16	<5	<2	2.6	3.86
A-18-147	382.01	382.99	0.98	2696690	3.6	201	<0.5	3.1	<0.5	25	0.73	0.048	11.1	3.7	0.04	408	0.003	0.69	<0.01	0.15	0.5	0.2	1.4	3.7	5.05	<5	<2	2.52	3.21
A-18-147	382.99	384.01	1.02	2696691	5.1	486	5.8	1.4	<0.5	29	2.63	0.061	18.1	4.7	0.06	1670	0.004	1.34	<0.01	0.18	<0.5	0.21	2.4	1.4	1.56	<5	<2	2.61	4.04
A-18-147	384.01	384.96	0.95	2696692	3.9	385	5.7	2	<0.5	20	1.91	0.063	13.3	3.2	0.04	609	0.003	1.05	<0.01	0.15	<0.5	0.25	2.3	2.2	3.17	<5	<2	2.57	3.77
A-18-147			0.00	2696693	4	371	5.3	2	<0.5	19	1.9	0.061	12.5	2.4	0.04	686	0.003	1.03	<0.01	0.15	0.5	0.26	2.1	2.4	3.14	<5	<2	2.58	
A-18-147	384.96	386.00	1.04	2696694	2.5	141	0.5	4.8	<0.5	16	0.71	0.05	7.6	2.6	0.03	238	0.002	0.96	<0.01	0.12	1.2	0.48	1.6	9.3	7.52	<5	<2	2.69	4.37
A-18-147	386.00	387.03	1.03	2696695	3.3	178	<0.5	2.7	<0.5	18	0.91	0.048	9.7	2.6	0.04	369	0.003	0.87	<0.01	0.14	0.6	0.22	1.9	4.7	5.2	<5	<2	2.56	4.28
A-18-147	387.03	388.05	1.02	2696696	3	297	<0.5	3.4	<0.5	25	1.22	0.046	9.4	3.5	0.04	368	0.003	0.7	<0.01	0.15	0.6	0.25	1.6	4.1	5.24	<5	<2	2.58	4.12
A-18-147	388.05	388.95	0.90	2696697	2.9	221	<0.5	3.5	<0.5	21	1.06	0.05	10.2	2.5	0.04	346	0.003	1.02	<0.01	0.14	<0.5	0.29	1.4	5.7	5.46	<5	<2	2.62	3.35
A-18-147	388.95	390.03	1.08	2696698	2.9	208	<0.5	4.4	<0.5	16	1.02	0.05	9.3	2.5	0.03	244	0.003	0.78	<0.01	0.13	0.6	0.41	1.3	9.2	7	<5	<2	2.59	4.57
A-18-147	390.03	390.99	0.96	2696699	3	223	<0.5	3.9	<0.5	21	1.07	0.054	9.8	2.4	0.04	353	0.003	0.84	<0.01	0.13	0.5	0.33	0.9	5.2	5.76	<5	<2	2.62	3.64
A-18-147	390.99	391.93	0.94	2696700	4.9	713	5.5	1.3	<0.5	30	3.93	0.055	18.2	3.3	0.07	1840	0.003	0.9	<0.01	0.19	<0.5	0.22	2.8	1.2	1.49	<5	<2	2.58	3.4
A-18-147	391.93	393.00	1.07	2696701	3.2	938	2.5	3.2	<0.5	21	3.78	0.05	9.4	2.2	0.06	354	0.003	1.12	<0.01	0.14	<0.5	0.3	1.4	4.8	4.58	<5	<2	2.65	4.45
A-18-147	393.00	394.02	1.02	2696702	3.8	101	<0.5	3.5	<0.5	23	0.49	0.052	13.2	4	0.04	505	0.003	1.45	<0.01	0.13	<0.5	0.32	1.3	5.9	4.54	<5	<2	2.65	3.78
A-18-147			0.00	2696703	2.5	71	<0.5	<0.5	<0.5	94	0.85	0.055	6.9	9.1	0.71	124	0.127	1.49	0.15	0.2	2.8	0.05	1.7	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-147	394.02	395.02	1.00	2696704	2.9	210	<0.5	4	<0.5	18	1.05	0.052	9.3	2.6	0.04	274	0.003	0.84	<0.01	0.14	0.5	0.32	1.5	7.5	6.29	<5	<2	2.6	3.72
A-18-147	395.02	396.00	0.98	2696705	3	308	<0.5	3.7	<0.5	20	1.6	0.058	9.7	3	0.06	321	0.003	1.04	<0.01	0.13	<0.5	0.26	1.2	5.1	5.62	<5	<2	2.61	4.21
A-18-147	396.00	397.00	1.00	2696706	3.2	270	0.5	4.4	<0.5	22	1.09	0.048	8.8	3	0.03	281	0.003	0.61	<0.01	0.13	<0.5	0.3	0.6	6	6.74	<5	<2	2.66	3.75
A-18-147	397.00	398.01	1.01	2696707	3.9	206	<0.5	2.2	<0.5	21	1.02	0.061	14.1	2.8	0.04	678	0.003	1.24	<0.01	0.14	0.7	0.17	1.1	3.3	3.21	<5	<2	2.58	3.88
A-18-147	398.01	398.99	0.98	2696708	4	329	2.2	2.7	<0.5	23	1.72	0.042	12.6	2.7	0.04	548	0.003	1.18	<0.01	0.14	<0.5	0.19	2.1	3.6	3.73	<5	<2	2.58	3.92
A-18-147	398.99	400.00	1.01	2696709	3.5	632	<0.5	2.7	<0.5	25	3.55	0.047	10.3	1.9	0.06	385	0.003	0.68	<0.01	0.15	<0.5	0.26	1.2	3.9	4.79	<5	<2	2.58	4.19
A-18-147	400.00	400.97	0.97	2696710	5	1083	1.1	1.2	<0.5	29	5.44	0.051	14.5	3.3	0.08	1232	0.003	0.45	<0.01	0.16	<0.5	0.07	2.5	1.3	2.43	<5	<2	2.58	4.08
A-18-147	400.97	401.96	0.99	2696711	4.3	717	<0.5	1.8	<0.5	31	4.25	0.054	13.4	2.8	0.07	756	0.003	0.55	<0.01	0.18	<0.5	0.15	2.4	2.5	3.16	<5	<2	2.57	4.39
A-18-147	401.96	402.96	1.00	2696712	3.6	214	0.6	4.5	<0.5	18	1.1	0.051	9.8	1.9	0.04	308	0.002	0.77	<0.01	0.14	<0.5	0.31	<0.5	8.1	6.29	<5	<2	2.53	4
A-18-147			0.00	2696713	1.1	37	204.4	164.6	11.7	35	1.63	0.043	6.7	42.7	1.67	218	0.01	1.37	<0.01	0.12	0.9	8.98	2.3	9.6	8.33	8	39	I.S.	0.08
A-18-147	402.96	404.01	1.05	2696714	4.4	42	0.7	1.3	<0.5	24	0.3	0.069	20.2	3.6	0.05	1923	0.003	1.35	<0.01	0.18	<0.5	0.11	1.3	1.5	1.58	<5	<2	2.51	4.29
A-18-147	404.01	405.00	0.99	2696715	4	289	1.5	2.8	<0.5	19	2.02	0.066	12.6	2.6	0.05	412	0.003	1.4	<0.01	0.16	<0.5	0.25	1.8	4.7	4.08	<5	<2	2.55	4.19
A-18-147	405.00	406.00	1.00	2696716	3.3	235	2.1	4.3	<0.5	19	1.91	0.069	10.5	2.7	0.05	288	0.003	1.15	<0.01	0.17	<0.5	0.41	1.7	8.1	6.14	<5	<2	2.63	4.28
A-18-147	406.00	407.01	1.01	2696717	4	165	3.9	4	<0.5	20	1.2	0.094	12.4	3	0.05	349	0.003	1.41	<0.01	0.17	<0.5	0.44	2	7.5	5.38	<5	3	2.64	3.99
A-18-147	407.01	407.95	0.94	2696718	3.2	524	<0.5	3.8	<0.5	14	2.67	0.045	8.6	2.1	0.06	251	0.003	0.53	<0.01	0.14	0.6	0.35	1.4	9.8	6.96	<5	<2	2.54	3.24
A-18-147	407.95	408.97	1.02	2696719	4.7	500	<0.5	2.5	<0.5	22	2.81	0.06	16.9	6.1	0.08	843	0.005	0.67	<0.01	0.19	<0.5	0.18	3.3	4.1	3.85	<5	<2	2.49	3.9
A-18-147	408.97	410.02	1.05	2696720	4.3	367	<0.5	3.5	<0.5	28	2.46	0.085	14.6	6.4	0.08	451	0.006	0.74	<0.01	0.22	0.5	0.31	3	6.4	5.31	<5	<2	2.5	3.9
A-18-147	410.02	410.96	0.94	2696721	3.2	474	0.6	6.9	<0.5	18	2.62	0.045	8.7	4.8	0.07	259	0.004	0.63	<0.01	0.17	<0.5	0.62	3.2	15.7	10.1	<5	2	2.58	4.12
A-18-147	410.96	411.96	1.00	2696722	2.3	772	0.9	8.3	<0.5	14	4.6	0.049	6.4	4	0.07	195	0.003	0.5	<0.01	0.13	<0.5	0.57	2	19.1	12.21	<5	3	2.72	4.59
A-18-147			0.00	2696723	2.6	761	0.9	8.9	<0.5	15	4.36	0.044	6.4	4.4	0.07	195	0.004	0.51	<0.01	0.14	<0.5	0.67	2.1	19.5	12.5	<5	2	2.75	
A-18-147	411.96	412.97	1.01	2696724	2.6	340	0.7	5.2	<0.5	18	1.88	0.044	7.7	2.5	0.05	194	0.002	0.88	<0.01	0.14	<0.5	0.42	1.2	11.7	7.92	<5	<2	2.61	4.13
A-18-147	412.97	413.82	0.85	2696725	4.1	47	<0.5	1.7	<0.5	27	0.21	0.066	19.5	2.9	0.04	4126	0.003	2.43	<0.01	0.13	<0.5	0.15	2.3	2.5	0.85	<5	<2	2.57	3.29
A-18-147	413.82	414.97	1.15	2696726	2.4	217	0.6	5	<0.5	18	1.88	0.052	7.7	2.8	0.06	204	0.002	0.92	<0.01	0.14	<0.5	0.36	1.6	9.1	7.56	<5	<2	2.6	4.14
A-18-147	414.97	415.98	1.01	2696727	2.4	545	0.9	7.1	<0.5	32	2.4	0.034	6.2	5	0.06	197	0.003	0.61	<0.01	0.13	<0.5	0.49	1.9	12.7	10.23	<5	3	2.69	4.22
A-18-147	415.98	416.96	0.98	2696728	3.3	188	0.8	3.3	<0.5	32	0.94	0.049	10.7	5	0.05	407	0.004	1.37	<0.01	0.16	<0.5	0.21	1.7	5	4.68	<5	<2	2.6	3.6
A-18-147	416.96	417.76	0.80	2696729	3.8	109	8.5	1.5	<0.5	30	1.92	0.055	15.6	4.4	0.06	3704	0.003	1.95	<0.01	0.13	<0.5	0.28	2.1	1.6	0.8	<5	<2	2.55	3.63
A-18-147	417.76	418.91	1.15	2696730	3.3	159	3.4	2.1	<0.5	34	0.93	0.049	13.9	4.4	0.04	1096	0.003	1.45	<0.01	0.13	<0.5	0.2	1.6	2.1	1.9	<5	<2	2.52	3
A-18-147	418.91	420.00	1.09	2696731	2.8	290	<0.5	5.8	<0.5	31	1.43	0.043	9.1	4.3	0.05	273	0.003	1.09	<0.01	0.14	<0.5	0.39	1.7	7.3	6.78	<5	3	2.55	3.82
A-18-147	420.00	420.89	0.89	2696732	3.6	215	<0.5	4.1	<0.5	29	1.06	0.067	12.6	5.1	0.05	430	0.004	1.74	<0.01	0.15	<0.5	0.28	2	5.1	4.54	<5	<2	2.58	3.87
A-18-147			0.00	2696733	2.8	70	<0.5	<0.5	<0.5	94	0.79	0.054	7.2	10.4	0.7	119	0.121	1.51	0.16	0.19	2.5	<0.05	2.2	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-147	420.89	421.96	1.07	2696734	5.1	84	<0.5	2.1	<0.5	26	0.48	0.066	18.5	5.2	0.06	1117	0.004	1.08	<0.01	0.2	<0.5	0.06	1.9	1.7	2.05	<5	<2	2.43	3.78
A-18-147	421.96	422.73	0.77	2696735	5.2	93	<0.5	2.1	<0.5	27	0.59	0.075	21.7	5.3	0.05	1359	0.004	1.62	<0.01	0.19	<0.5	0.08	2.2	1.6	1.65	<5	<2	2.44	3.55
A-18-147	422.73	423.48	0.75	2696736	2	782	0.9	12.7	<0.5	28	3.35	0.033	5.1	4	0.05	120	0.003	0.44	<0.01	0.11	<0.5	0.6	1.4	10.7	12.61	<5	4	2.71	3.54
A-18-147	423.48	424.48	1.00	2696737	4.7	211	6.1	2.1	<0.5	32	1.52	0.063	17.6	5.3	0.05	1728	0.004	1.42	<0.01	0.17	<0.5	0.21	2.6	1.5	1.53	<5	2	2.54	4.64
A-18-147	424.48	425.57	1.09	2696738	4.3	518	<0.5	2	<0.5	32	4.56	0.063	18.5	5.1	0.09	1351	0.004	1.27	<0.01	0.16	<0.5	0.08	2.5	1.2	1.71	<5	<2	2.51	3.84

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**%SULPHIDES**	**%SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
A-18-147	425.57	426.57	1.00	2696739	4SH	TR	99		VAN18002153	20.7	26.8	17.3	20	<0.5	10266	68.7	11.8	156	2.75	19	6.6
A-18-147	426.57	427.24	0.67	2696740	4SH	TR	99		VAN18002153	21.1	32	19.1	267	<0.5	13124	67.9	10.7	244	2.41	18	6.6
A-18-147	427.24	428.00	0.76	2696741	4SH	TR	99		VAN18002153	25.2	35.9	16	4006	<0.5	17649	86.9	12.4	99	1.8	15	6.7
A-18-147	428.00	429.05	1.05	2696742	4SH	TR	99		VAN18002153	26.9	35	15.3	180	<0.5	28071	94.3	13	113	1.81	16	6.3
A-18-147			0.00	2696743				STD CDN-ME-1306	VAN18002153	22.5	4025.8	15791.6	31437	105	760	36.1	26.7	970	8.82	550	1.2
A-18-147	429.05	430.01	0.96	2696744	4SH	TR	99		VAN18002153	27.1	34	14.7	27	<0.5	20860	87.6	11.1	179	1.87	17	6.2
A-18-147	430.01	430.97	0.96	2696745	4PYSH	5	95		VAN18002153	27.3	35.2	13	12	<0.5	27873	85.8	11.4	210	1.95	15	7.1
A-18-147	430.97	432.02	1.05	2696746	4PYSH	15	85		VAN18002153	13.5	62	36.5	27	0.6	37016	60.3	8.9	228	5.28	31	3
A-18-147	432.02	433.00	0.98	2696747	4PYSH	5	95		VAN18002153	17.1	30.8	16.6	40	<0.5	20159	59.8	11	138	2.78	19	6.2
A-18-147	433.00	434.00	1.00	2696748	4PYSH	11	89		VAN18002153	16.2	37.2	23.5	29	<0.5	15261	57.1	10	151	3.32	22	6.1
A-18-147	434.00	435.03	1.03	2696749	4PYSH - 4SH Interbed	TR	99		VAN18002153	21.7	27	10.7	1094	<0.5	23272	73.7	11	170	1.94	15	6
A-18-147	435.03	436.00	0.97	2696750	4PYSH	3	97		VAN18002153	19.2	30.3	12.7	54	<0.5	36297	74.8	11	85	2.04	16	4.6
A-18-147	436.00	436.93	0.93	2696751	4PYSH	70	30		VAN18002153	10.9	132.1	75.3	31	1.9	13176	41.9	6.3	333	12.14	65	3.3
A-18-147	436.93	438.01	1.08	2696752	4PYSH	14	86		VAN18002153	19.6	53.8	17.9	24	0.7	29275	69.7	11.1	167	3.58	22	5.5
A-18-147			0.00	2696753				PULP DUPE	VAN18002153	19.3	47	17.2	21	0.6	28966	67.6	10.5	165	3.58	23	5.6
A-18-147	438.01	439.01	1.00	2696754	4PYSH	15	85		VAN18002153	18.5	46.7	13.8	22	0.8	33619	65.9	10.7	222	3.68	21	4.7
A-18-147	439.01	440.01	1.00	2696755	4PYSH	42	58		VAN18002153	13.3	76.4	25.5	31	1.5	23404	50.7	8.6	149	6.51	35	3.5
A-18-147	440.01	440.99	0.98	2696756	4PYSH	17	83		VAN18002153	16.7	48.7	23.8	31	0.9	16642	46.5	9.5	252	4.69	28	4.9
A-18-147	440.99	441.51	0.52	2696757	4PYSH	9	91		VAN18002153	12.2	36.4	18.5	23	0.6	21688	37.8	6.4	701	3.68	19	3.8
A-18-147	441.51	442.48	0.97	2696758	4SH	0	100		VAN18002153	18.5	22.9	10.2	23	<0.5	17336	56	10.4	162	2.53	19	5.3
A-18-147	442.48	443.48	1.00	2696759	4SH	0	100		VAN18002153	18.5	24	10.3	23	<0.5	21186	55.3	10	183	2.59	18	5.1
A-18-147	443.48	444.46	0.98	2696760	4SH	0	100		VAN18002153	11.7	52	27.8	52	0.9	16977	39.6	6.6	381	5.64	27	3.5
A-18-147	444.46	445.42	0.96	2696761	4SH	0	100		VAN18002153	21.3	25.5	10.3	16	<0.5	17374	61.2	11	54	2.48	19	6
A-18-147	445.42	446.30	0.88	2696762	4SH	0	100		VAN18002153	15.8	19.7	7.8	10	<0.5	17493	51.4	8.7	51	2.04	16	4.5
A-18-147			0.00	2696763				BLANK BL-126	VAN18002153	1.7	45.6	2.8	30	<0.5	597	4.4	7.8	427	2.64	<5	0.8
A-18-147	446.30	447.18	0.88	2696764	4SH	0	100		VAN18002153	12.7	18.9	7.3	10	<0.5	22017	48.2	8.4	52	1.93	15	3.5
A-18-147	447.18	447.82	0.64	2696765	4PYSH	82	18		VAN18002153	8.8	88.3	45.6	23	2.1	17792	41.8	5.7	439	8.54	48	2.1
A-18-147	447.82	448.84	1.02	2696766	4SH	0	100		VAN18002153	18.3	26.9	9.5	58	<0.5	45953	70.7	12.1	57	1.44	15	4.9
A-18-147	448.84	449.84	1.00	2696767	4SH	0	100		VAN18002153	20.2	26.5	9.6	290	<0.5	51787	65.2	9.9	82	1.52	15	5.4
A-18-147	449.84	450.82	0.98	2696768	4SH	0	100		VAN18002153	31.5	21.2	10.2	2317	<0.5	43060	68.6	8.4	79	1.46	19	8.5
A-18-147	450.82	451.84	1.02	2696769	4SH	0	100		VAN18002153	30.8	17.9	10.6	530	<0.5	35060	63.1	6.6	118	1.54	21	8.8
A-18-147	475.97	477.02	1.05	2696770	4SH	0	100		VAN18002153	43.8	29.7	14.7	2202	0.7	20705	79.1	8.2	48	1.65	27	11.5
A-18-147	477.02	478.00	0.98	2696771	4SH	0	100		VAN18002153	41.5	32.9	14.7	602	0.7	22130	78.5	7.9	33	1.76	32	11.3
A-18-147	478.00	479.01	1.01	2696772	4SH	0	100		VAN18002153	45	30.4	15.1	1271	0.7	20947	81.2	8.5	49	1.89	30	11.6
A-18-147			0.00	2696773			100	STD CDN-ME-1306	VAN18002153	21	3935	16080.6	31623	105.1	721	35.5	24.3	1003	8.95	562	1.1
A-18-147	479.01	479.66	0.65	2696774	4SH	0	100		VAN18002153	39.4	23.3	16.1	250	0.5	17562	75.6	8.1	45	1.79	26	11.2
A-18-147	479.66	480.35	0.69	2696775	4MPSH	65	35		VAN18002153	9.2	79.5	30.6	29	3.3	7280	60.1	3.8	244	7.23	39	1.7
A-18-147	480.35	481.23	0.88	2696776	4MPSH	10	90		VAN18002153	13	38.2	13.4	651	1.1	7945	66.6	7	203	3.55	23	2.7
A-18-147	481.23	482.23	1.00	2696777	4MPSH	15	85		VAN18002153	16.4	53.9	20.9	1084	1.2	11190	70.3	7.7	90	3.78	29	3.7
A-18-147	482.23	483.29	1.06	2696778	4MPSH - Shale interbed	TR	99		VAN18002153	12.1	24.3	6.6	1662	<0.5	10828	57.2	7	455	1.35	15	2.6
A-18-147	483.29	483.94	0.65	2696779	4MPSH	15	85		VAN18002153	18.6	42.4	18.3	185	0.9	10213	71.2	7.5	106	3.49	31	4.2
A-18-147	483.94	485.04	1.10	2696780	4MPSH	1	99		VAN18002153	24	28.2	8.6	1823	<0.5	11327	83	8.5	129	1.71	17	6.4
A-18-147	485.04	486.08	1.04	2696781	4MPSH	55	45		VAN18002153	11.7	83.9	25.1	12	2	21729	53.9	5.5	126	9.66	36	2.2
A-18-147	486.08	487.06	0.98	2696782	4MPSH - Shale interbed	TR	99		VAN18002153	20.2	24.4	6.4	1281	<0.5	26571	72.6	9.4	326	1.6	15	5
A-18-147			0.00	2696783			100	COARSE DUPE	VAN18002153	21.1	25.5	6.6	1210	<0.5	26076	77.3	9.5	327	1.69	15	5.2
A-18-147	487.06	487.70	0.64	2696784	4MPSH	40	60		VAN18002153	13.9	50.4	19.2	17	0.8	15784	61.7	6.2	134	6.62	34	2.8
A-18-147	487.70	488.43	0.73	2696785	4MPSH	55	45		VAN18002153	11.8	87.5	31.2	18	1.7	38237	56.6	5.4	469	9.78	44	2.2
A-18-147	488.43	489.21	0.78	2696786	4MPSH	TR	99		VAN18002153	12.4	16.4	7.9	141	<0.5	23196	56.5	7.4	172	1.8	15	2.2
A-18-147	489.21	490.08	0.87	2696787	4MPSH - Shale interbed	TR	99		VAN18002153	11.3	16.1	8.7	492	<0.5	33461	52.9	6.8	106	1.64	13	2.2
A-18-147	490.08	491.08	1.00	2696788	4SH	TR	99		VAN18002153	28.4	28.3	19.7	434	<0.5	15258	64.3	7.9	85	2.06	23	8.1
A-18-147	491.08	492.07	0.99	2696789	4SH	TR	99		VAN18002153	34.3	37.8	28.3	27	<0.5	19268	77.3	11	89	2.66	30	9.8
A-18-147	507.94	508.95	1.01	2696790	4SH	TR	99		VAN18002153	40.7	43	58.2	3718	1	22411	73.2	7.6	68	1.66	24	9.8
A-18-147	508.95	509.94	0.99	2696791	4SH	TR	99		VAN18002153	37.6	33.2	69.6	3070	0.8	25064	76.2	8	64	1.77	27	10.2
A-18-147	509.94	510.93	0.99	2696792	4SH	TR	99		VAN18002153	35.2	32.8	135.8	5254	0.9	14940	73	7.4	80	1.81	23	9.2
A-18-147			0.00	2696793			100	BLANK BL-126	VAN18002153	1.7	45.8	3.1	36	<0.5	570	4.4	7.7	430	2.61	<5	0.8
A-18-147	510.93	511.93	1.00	2696794	4SH - 4PYSH	2	98		VAN18002153	34.3	40.7	131.3	2451	1	15205	87.4	7.4	106	2.26	23	8.8
A-18-147	511.93	512.90	0.97	2696795	4SH - 4PYSH	1	99		VAN18002153	28.5	35.2	63.7	1542	0.9	12589	70.7	8.6	192	2.24	20	7.8
A-18-147	512.90	513.94	1.04	2696796	4SH - 4PYSH	4	96		VAN18002153	23.6	31.6	318	1838	1.9	22169	77.2	7.8	196	3.26	27	5.7
A-18-147	513.94	514.98	1.04	2696797	4SH - 4PYSH	1	99		VAN18002153	15.9	48.4	482.6	4143	2.8	37215	68.2	6.4	256	4.26	22	2.7
A-18-147	514.98	515.51	0.53	2696798	4LBSH	2	98		VAN18002153	12.9	27.6	131.2	435	1.1	191286	60.6	4.9	221	3.16	9	3.1
A-18-147	515.51	516.60	1.09	2696799	5LS	2	98		VAN18002153	2.9	6.7	22.4	100	<0.5	202114	9	1	709	0.7	<5	1.3
A-18-147	516.60	517.86	1.26	2696800	5LS	5	95		VAN18002153	10.7	12.9	34.3	48	<0.5	87413	24.3	2.4	874	2.32	<5	3.9
A-18-147	517.86	518.92	1.06	2696801	6CSS	TR	99		VAN18002153	34.2	15.1	35.4	146	<0.5	9857	65.1	5.1	614	1.94	8	9
A-18-147	518.92	519.92	1.00	2696802	6CSS	TR	99		VAN18002153	7.4	13	26.6	16	<0.5	5364	24.8	3.9	570	1.63	<5	2.5
A-18-147				2696803				STD CDN-ME-1306	VAN18002153	23.3	4083.4	16302.1	30811	106.8	687	35.6	27.7	954	9.19	546	1.1

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-147	425.57	426.57	1.00	2696739	4.1	592	<0.5	2.4	<0.5	27	2.69	0.044	14.5	4.5	0.07	924	0.005	0.42	<0.01	0.19	<0.5	0.13	2.4	1.5	3.14	<5	3	2.41	3.9
A-18-147	426.57	427.24	0.67	2696740	4.1	724	1.8	2.5	<0.5	26	3.22	0.045	11.7	4.2	0.06	994	0.004	0.45	<0.01	0.16	<0.5	0.16	2.1	1.8	2.68	<5	<2	2.52	2.63
A-18-147	427.24	428.00	0.76	2696741	4.5	189	28.3	2.4	<0.5	31	1.35	0.058	15.7	4.7	0.05	1303	0.004	0.68	<0.01	0.17	<0.5	0.71	2.3	1.5	2.1	<5	3	2.58	2.92
A-18-147	428.00	429.05	1.05	2696742	4.9	215	1.2	2.4	<0.5	34	1.58	0.052	16.4	5	0.05	1613	0.004	1.09	<0.01	0.17	0.5	0.13	3	1.5	1.7	<5	2	2.54	4.17
A-18-147			0.00	2696743	1.1	35	188.4	147.6	11.5	47	1.56	0.04	6.4	45.6	1.64	226	0.011	1.38	0.01	0.12	0.7	8.04	3.1	8.6	8.14	7	36	I.S.	0.08
A-18-147	429.05	430.01	0.96	2696744	4.1	707	<0.5	2.4	<0.5	32	3.59	0.05	17.3	4.8	0.05	1323	0.004	0.74	<0.01	0.17	<0.5	0.07	2.4	1.4	1.94	<5	3	2.53	3.58
A-18-147	430.01	430.97	0.96	2696745	4	293	<0.5	2.6	<0.5	34	2.63	0.056	14.9	5.1	0.05	1298	0.004	1.1	<0.01	0.15	<0.5	0.1	2.4	1.7	1.81	<5	<2	2.55	3.57
A-18-147	430.97	432.02	1.05	2696746	3.6	312	<0.5	6.9	<0.5	33	1.36	0.047	12.2	5.8	0.04	377	0.004	1.56	<0.01	0.16	<0.5	0.26	2.3	5.4	5.46	<5	3	2.63	4.13
A-18-147	432.02	433.00	0.98	2696747	4.7	301	<0.5	3.1	<0.5	23	1.46	0.05	15.2	4.5	0.05	797	0.004	0.73	<0.01	0.17	<0.5	0.13	2.3	2.3	3.02	<5	2	2.45	4.19
A-18-147	433.00	434.00	1.00	2696748	5	333	<0.5	4	<0.5	25	1.32	0.051	14.3	4.8	0.06	620	0.004	0.56	<0.01	0.18	0.5	0.18	2.3	2.8	3.77	<5	3	2.48	3.81
A-18-147	434.00	435.03	1.03	2696749	4.3	494	7.4	2.3	<0.5	27	2.41	0.053	15.7	4.1	0.05	1239	0.004	0.9	<0.01	0.15	<0.5	0.24	2.3	1.5	1.96	<5	<2	2.5	4.06
A-18-147	435.03	436.00	0.97	2696750	4.6	133	<0.5	2.8	<0.5	35	0.72	0.063	19.8	5.9	0.05	1493	0.004	1.61	<0.01	0.18	<0.5	0.09	2.3	1.9	1.64	<5	<2	2.48	4.08
A-18-147	436.00	436.93	0.93	2696751	2.7	226	1	22.8	<0.5	17	0.81	0.034	8.8	5.1	0.05	257	0.005	0.46	<0.01	0.16	0.5	0.48	1.7	17	13.98	<5	5	2.66	3.88
A-18-147	436.93	438.01	1.08	2696752	4	228	<0.5	6.3	<0.5	31	1	0.053	13.2	5	0.05	621	0.004	1.24	<0.01	0.16	<0.5	0.14	2	4.4	3.65	<5	3	2.58	4.18
A-18-147			0.00	2696753	4.1	238	<0.5	6.1	<0.5	32	0.98	0.055	13	5.1	0.05	637	0.004	1.25	<0.01	0.16	<0.5	0.17	2.2	4.5	3.63	<5	3	2.56	
A-18-147	438.01	439.01	1.00	2696754	4.1	203	<0.5	7.1	<0.5	32	1.74	0.055	13.3	4.7	0.05	551	0.004	1.43	<0.01	0.16	<0.5	0.14	2.7	5.1	3.68	<5	3	2.6	4.09
A-18-147	439.01	440.01	1.00	2696755	3.9	229	0.5	16.6	<0.5	24	0.78	0.046	14.1	6.6	0.06	427	0.005	0.82	<0.01	0.2	<0.5	0.35	2.2	11.2	7.09	<5	2	2.56	4.15
A-18-147	440.01	440.99	0.98	2696756	3.7	769	<0.5	11.6	<0.5	23	2.85	0.047	12.1	6.2	0.1	606	0.005	0.61	<0.01	0.19	<0.5	0.15	2.6	6.4	5.18	<5	<2	2.52	3.84
A-18-147	440.99	441.51	0.52	2696757	2.3	1619	<0.5	8.7	<0.5	32	9.61	0.051	10.4	4.3	0.14	482	0.003	0.76	<0.01	0.12	<0.5	0.15	3.1	3.8	3.98	<5	<2	2.61	2.17
A-18-147	441.51	442.48	0.97	2696758	4.4	383	<0.5	6.1	<0.5	24	1.84	0.048	13.2	4.6	0.08	794	0.004	0.75	<0.01	0.18	<0.5	0.1	2.7	2.3	2.73	<5	<2	2.5	3.81
A-18-147	442.48	443.48	1.00	2696759	4.6	437	<0.5	5.9	<0.5	27	2.02	0.052	13.5	5.1	0.09	836	0.004	0.92	<0.01	0.19	<0.5	0.08	2.7	2.2	2.67	<5	<2	2.5	4.1
A-18-147	443.48	444.46	0.98	2696760	2.9	1178	0.5	16	<0.5	20	4.24	0.043	8.8	5.2	0.09	559	0.004	0.58	<0.01	0.15	<0.5	0.13	1.9	5.6	6.2	<5	<2	2.61	3.56
A-18-147	444.46	445.42	0.96	2696761	4.9	143	<0.5	6.2	<0.5	26	0.52	0.051	16.1	5.2	0.08	1020	0.004	0.77	<0.01	0.21	<0.5	0.12	2.3	2.3	2.68	<5	<2	2.44	3.77
A-18-147	445.42	446.30	0.88	2696762	4.2	118	<0.5	6	<0.5	27	0.41	0.047	16.8	5.1	0.08	1255	0.004	0.76	<0.01	0.21	<0.5	0.12	1.7	2	2.21	<5	<2	2.41	3.3
A-18-147			0.00	2696763	2.3	68	<0.5	<0.5	<0.5	97	0.86	0.053	6.5	9.4	0.7	115	0.136	1.54	0.16	0.18	2.2	<0.05	1.9	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-147	446.30	447.18	0.88	2696764	4.3	98	<0.5	5.2	<0.5	26	0.38	0.047	17.5	5.6	0.06	1269	0.004	0.98	<0.01	0.19	<0.5	0.08	2.2	1.8	1.95	<5	<2	2.42	3.29
A-18-147	447.18	447.82	0.64	2696765	2.7	640	0.7	34.5	<0.5	25	3.02	0.048	9.4	4.1	0.07	207	0.004	0.59	<0.01	0.15	<0.5	0.28	1.8	12.5	9.9	<5	7	2.7	2.76
A-18-147	447.82	448.84	1.02	2696766	4.2	95	<0.5	5.5	<0.5	36	0.38	0.059	20.4	5.1	0.06	4093	0.004	1.91	<0.01	0.19	<0.5	0.07	3.4	1.8	0.9	<5	2	2.51	3.28
A-18-147	448.84	449.84	1.00	2696767	4.2	515	2.3	5.7	<0.5	48	0.8	0.06	20.1	5.2	0.06	>5000	0.004	2.17	<0.01	0.17	<0.5	0.16	2.9	1.7	0.81	<5	<2	2.58	3.99
A-18-147	449.84	450.82	0.98	2696768	3.2	77	20	6.9	<0.5	106	0.25	0.046	15	8.3	0.11	4197	0.004	1.85	<0.01	0.14	<0.5	0.39	3.4	1.5	0.96	<5	5	2.48	3.81
A-18-147	450.82	451.84	1.02	2696769	2.8	111	5	6.9	<0.5	106	0.55	0.047	12.8	6.5	0.15	3664	0.003	1.57	<0.01	0.12	<0.5	0.18	2.3	1.3	1.09	<5	8	2.48	4.26
A-18-147	475.97	477.02	1.05	2696770	3	104	23.3	14	<0.5	94	0.33	0.04	15.3	5.6	0.04	1819	0.004	0.84	<0.01	0.16	0.5	0.35	1.6	1.5	1.7	<5	10	2.44	4.15
A-18-147	477.02	478.00	0.98	2696771	3	47	6.9	17.1	<0.5	83	0.18	0.043	15.8	4.9	0.03	1712	0.004	0.97	<0.01	0.14	<0.5	0.14	1.1	1.4	1.68	<5	8	2.45	3.85
A-18-147	478.00	479.01	1.01	2696772	3.3	85	14.3	13.4	<0.5	91	0.29	0.045	16	5.2	0.04	1669	0.004	0.93	<0.01	0.15	0.6	0.19	1.3	1.5	1.86	<5	9	2.45	4.14
A-18-147			0.00	2696773	1.1	38	203.9	158.8	11.3	38	1.55	0.033	7.5	44.8	1.57	230	0.011	1.39	0.01	0.13	0.9	8.23	2.5	9.5	8.13	6	41	I.S.	0.08
A-18-147	479.01	479.66	0.65	2696774	3.3	137	2.9	10.4	<0.5	82	0.34	0.038	14.6	5.2	0.04	1579	0.004	0.65	<0.01	0.14	0.5	0.16	1.5	1.1	1.84	<5	10	2.44	2.62
A-18-147	479.66	480.35	0.69	2696775	2.3	807	0.9	43.5	<0.5	49	2.02	0.032	9.4	7.1	0.06	397	0.004	0.38	<0.01	0.14	<0.5	0.16	0.8	6	8.23	<5	10	2.67	3.08
A-18-147	480.35	481.23	0.88	2696776	4.7	363	7.4	16.3	<0.5	58	1.81	0.043	16.2	5.2	0.08	916	0.005	0.55	<0.01	0.23	<0.5	0.21	1.6	2.7	4.1	<5	6	2.53	3.57
A-18-147	481.23	482.23	1.00	2696777	4.7	139	12.4	21.3	<0.5	59	0.65	0.049	16.6	7	0.06	632	0.005	0.73	<0.01	0.26	<0.5	0.34	1.9	3	4.38	<5	7	2.55	3.9
A-18-147	482.23	483.29	1.06	2696778	5.4	533	18.4	7.4	<0.5	58	4.13	0.059	20	5.2	0.07	3583	0.005	0.64	<0.01	0.23	<0.5	0.27	2.2	1.3	1.52	<5	3	2.51	4.15
A-18-147	483.29	483.94	0.65	2696779	4.4	270	2.2	17.3	<0.5	60	1.01	0.039	15.3	5.4	0.05	815	0.005	0.57	<0.01	0.21	<0.5	0.18	1.9	2.4	3.89	<5	7	2.54	2.54
A-18-147	483.94	485.04	1.10	2696780	4.8	271	20.2	6.1	<0.5	50	2.11	0.045	18.5	4	0.05	2164	0.004	0.53	<0.01	0.2	<0.5	0.33	1.5	1.6	1.94	<5	6	2.51	4.42
A-18-147	485.04	486.08	1.04	2696781	2.8	256	0.8	39.2	<0.5	54	0.89	0.039	11.7	4.5	0.05	183	0.004	0.75	<0.01	0.17	<0.5	0.42	1.2	8.5	10.84	<5	9	2.72	3.95
A-18-147	486.08	487.06	0.98	2696782	4.9	499	14.8	5	<0.5	50	3.52	0.056	21.7	4.6	0.06	2326	0.004	1.14	<0.01	0.19	<0.5	0.22	2.7	1.4	1.43	<5	<2	2.55	3.62
A-18-147			0.00	2696783	5.1	439	13.1	4.7	<0.5	71	3.31	0.062	22	7.9	0.08	2159	0.006	1.28	<0.01	0.25	<0.5	0.27	2.7	1.5	1.45	<5	3	2.55	
A-18-147	487.06	487.70	0.64	2696784	3.5	266	0.6	21.2	<0.5	62	1.14	0.039	15.6	5.9	0.07	272	0.005	0.83	<0.01	0.21	<0.5	0.33	2.3	4.7	7.48	<5	5	2.58	2.68
A-18-147	487.70	488.43	0.73	2696785	2.4	199	1	34.3	<0.5	62	1.4	0.043	12.3	5.4	0.05	173	0.004	1.58	<0.01	0.15	<0.5	0.42	2.2	9.9	10.42	<5	6	2.76	3.18
A-18-147	488.43	489.21	0.78	2696786	5.8	613	1.7	3.5	<0.5	30	2.81	0.043	22.1	4.1	0.07	1782	0.004	1	<0.01	0.18	<0.5	0.06	2.1	1.2	1.65	<5	<2	2.52	2.68
A-18-147	489.21	490.08	0.87	2696787	4.9	671	5.7	3	<0.5	33	1.65	0.045	21	4.8	0.07	2666	0.004	1.36	<0.01	0.2	<0.5	0.2	2.3	1.1	1.28	<5	2	2.53	3.37
A-18-147	490.08	491.08	1.00	2696788	3.9	485	4.8	6.5	<0.5	28	1.15	0.041	16	3.2	0.05	1513	0.004	0.66	<0.01	0.18	<0.5	0.25	1.1	1.5	2.15	<5	4	2.5	4.19
A-18-147	491.08	492.07	0.99	2696789	4.5	269	<0.5	10	<0.5	38	1.1	0.051	19.3	4.6	0.06	815	0.005	0.9	<0.01	0.2	0.7	0.12	1.9	1.7	2.84	<5	4	2.49	3.86
A-18-147	507.94	508.95	1.01	2696790	3.5	137	26.5	23.1	<0.5	84	0.63	0.044	15.9	3.9	0.04	1719	0.004	0.78	<0.01	0.15	0.7	0.69	1.3	1.8	1.77	<5	11	2.47	3.96
A-18-147	508.95	509.94	0.99	2696791	3.2	140	20.2	16	<0.5	76	0.84	0.035	14.6	4.2	0.04	1910	0.004	0.81	<0.01	0.13	0.6	0.6	1.2	1.8	1.79	<5	8	2.47	2.79
A-18-147	509.94	510.93	0.99	2696792	3.4	258	33	14	<0.5	83	1.01	0.045	14.9	4.2	0.06	1860	0.004	0.47	<0.01	0.17	<0.5	0.95	1.1	2.4	2.13	<5	10	2.47	3.13
A-18-147			0.00	2696793	2.2	74	<0.5	<0.5	<0.5	97	0.9	0.044	6.5	9.2	0.7	123	0.141	1.56	0.17	0.2	2.7	<0.05	1.9	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-147	510.93	511.93	1.00	2696794	4.1	298	16.4	13.3	<0.5	80	1.21	0.053	16.4	5.2	0.09	1736	0.004	0.42	<0.01	0.19	<0.5	0.54	1.3	2.6	2.53	<5	9	2.54	3.89
A-18-147	511.93	512.90	0.97	2696795	4.2	478	15.2	8.7	<0.5	57	2.59	0.068	18.1	5	0.12	1187	0.004	0.39	<0.01	0.21	<0.5	0.31	2.2	2.6	2.46	<5	7	2.52	3.76
A-18-147	512.90	513.94	1.04	2696796	5.3	328	13.4	14.8	<0.5	62	1.39	0.072	20.8	7	0.2	1129	0.004	0.4	<0.01	0.2	<0.5	0.32	1.8	4	3.7	<5	9	2.61	4
A-18-147	513.94	514.98	1.04	2696797	4.7	248	27	16.6	<0.5	54	1.44	0.06	16.2	9.6	0.32	339	0.003	0.34	<0.01	0.16	<0.5	0.68	2.9	8.4	4.73	<5	7	2.69	3.04
A-18-147	514.98	515.51	0.53	2696798	2.5	898	3.3	6.5	<0.5	146	6.48	0.034	11.7	12.1	0.33	>5000	0.037	0.53	<0.01	0.03	<0.5	0.14	3.5	5.9	0.47	<5	5	3.05	2.53
A-18-147	515.51	516.60	1.09	2696799	0.8	2095	<0.5	1.5	<0.5	27	25.92	0.048	9.5	3.6	0.28	>5000	0.007	0.03	<0.01	0.01	<0.5	<0.05	<0.5	<0.5	0.16	<5	<2	2.97	4.44
A-18-147	516.60	517.86	1.26	2696800	1.9	989	<0.5	2.9	<0.5	34	20.36	0.032	8.3	5.2	2.01	2137	0.005	0.08	<0.01	0.06	<0.5	<0.05	2.6	0.5	0.97	<5	<2	2.81	5.31
A-18-147	517.86	518.92	1.06	2696801	4.1	280	1.2	2.5	<0.5	19	11.84	0.037	10.8	6.4	3.44	760	0.003	0.21	<0.01	0.13	<0.5	0.06	4.1	0.8	1.9	<5	<2	2.59	4.37
A-18-147	518.92	519.92	1.00	2696802	3.7	219	<0.5	1.8	<0.5	<10	10.94	0.036	10.5	5	3.64	455	0.003	0.21	<0.01	0.15	<0.5	<0.05	3.3	<0.5	1.56	<5	<2	2.6	3.64
A-18-147				2696803	1.1	36	204.9	154.3	12.3	36	1.6	0.042	7	47.2	1.64	234	0.012	1.38	0.01	0.13	0.9	7.77	3.2	8.7	8.18	7	39	I.S.	0.08

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	6.30	6.31	0.01	Silty lamina	BDG	35
A-18-147	8.08	8.09	0.01	Cleavage	CLV	48
A-18-147	8.89	8.90	0.01	Cleavage	CLV	45
A-18-147	13.61	13.62	0.01	Cleavage	CLV	40
A-18-147	14.79	14.80	0.01	Silty Lamina	BDG	52
A-18-147	15.31	15.32	0.01	Cleavage	CLV	50
A-18-147	16.24	16.25	0.01	Cleavage	CLV	45
A-18-147	16.44	16.45	0.01	Silty lamina	BDG	50
A-18-147	16.56	16.95	0.39	Faulted section with < 1cm wide poker chip ruble with gouge developed along fracture surfaces.	BDG	38
A-18-147	17.46	17.47	0.01	Silty Lamina	BDG	48
A-18-147	17.89	17.90	0.01	Cleavage	CLV	47
A-18-147	18.65	18.66	0.01	Cleavage	CLV	47
A-18-147	19.11	19.12	0.01	Cleavage	CLV	40
A-18-147	20.00	20.01	0.01	Silty lamina	BDG	35
A-18-147	20.23	20.27	0.04	Faulted zone with black gouge	FLT	50
A-18-147	20.42	20.55	0.13	Faulted zone with small chips	FLT	NA
A-18-147	20.84	20.85	0.01	Silty lamina	BDG	65
A-18-147	21.28	21.29	0.01	Silty lamina	BDG	57
A-18-147	23.42	23.43	0.01	Silty lamina	BDG	60
A-18-147	23.95	23.96	0.01	Cleavage	CLV	40
A-18-147	26.18	26.19	0.01	Cleavage	CLV	35
A-18-147	26.88	26.89	0.01	Cleavage	CLV	42
A-18-147	28.07	28.08	0.01	Cleavage	CLV	35
A-18-147	28.50	28.95	0.45	Heavily faulted zone with gouge and minor rubble	FLT	50
A-18-147	29.61	29.62	0.01	Cleavage	CLV	35
A-18-147	30.12	30.13	0.01	Cleavage	CLV	33
A-18-147	31.08	31.09	0.01	Silty lamina	BDG	42
A-18-147	31.73	31.74	0.01	Cleavage	CLV	45
A-18-147	32.50	32.51	0.01	Cleavage	CLV	46
A-18-147	32.81	32.82	0.01	Silty lamina	BDG	45
A-18-147	33.89	33.90	0.01	Cleavage	CLV	40
A-18-147	35.38	35.44	0.06	Faulted zone with black gouge	FLT	55
A-18-147		35.92	35.92	Silty lamina	BDG	42
A-18-147	36.82	36.83	0.01	Cleavage	CLV	44
A-18-147	39.63	39.64	0.01	Cleavage	CLV	47
A-18-147	40.82	40.83	0.01	Cleavage	CLV	47
A-18-147	41.76	42.00	0.24	Faulted zone with rubble pieces and minor grey gouge.	FLT	45
A-18-147	42.18	42.19	0.01	Cleavage	CLV	45
A-18-147	42.19	42.98	0.79	Faulted zone with rubble and moderate slick surface development. Minor to no grey/black gouge.	FLT	35
A-18-147	43.19	43.20	0.01	Cleavage	CLV	45
A-18-147	44.30	44.31	0.01	Cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	45.16	45.17	0.01	Cleavage	CLV	38
A-18-147	45.28	45.29	0.01	Silty lamina	BDG	37
A-18-147	45.78	47.14	1.36	Faulted zone with rubble and moderate gouge development	FLT	55
A-18-147	47.27	47.28	0.01	Silty lamina	BDG	43
A-18-147	49.16	49.63	0.47	Faulted zone with minor gouge	FLT	50
A-18-147	49.73	49.74	0.01	Cleavage	CLV	35
A-18-147	50.18	50.19	0.01	Cleavage	CLV	48
A-18-147	50.85	50.86	0.01	Silty Lamina	BDG	45
A-18-147	51.79	51.80	0.01	Cleavage	CLV	45
A-18-147	52.03	54.28	2.25	Heavily faulted zone with ruble, slick surfaces and moderate grey/black gouge development.	FLT	40
A-18-147	54.72	55.23	0.51	Faulted section with poker chip rubble and grey gouge throughout.	FLT	50
A-18-147	55.66	55.67	0.01	Cleavage	CLV	35
A-18-147	56.90	56.91	0.01	Silty Lamina	BDG	50
A-18-147	57.27	57.28	0.01	Cleavage	CLV	42
A-18-147	57.83	57.84	0.01	Cleavage	CLV	45
A-18-147	58.03	58.33	0.3	Faulted zone with minor sphalerite in carb veining	FLT	55
A-18-147	58.63	58.64	0.01	Silty lamina	BDG	45
A-18-147	59.23	59.24	0.01	Silty Lamina	BDG	40
A-18-147	59.45	59.46	0.01	Cleavage	CLV	40
A-18-147	60.02	60.03	0.01	Cleavage	CLV	45
A-18-147	60.86	60.87	0.01	Silty lamina	BDG	38
A-18-147	61.34	61.35	0.01	Cleavage	CLV	38
A-18-147	61.94	61.95	0.01	Silty lamina	BDG	45
A-18-147	62.58	62.59	0.01	Silty lamina	BDG	38
A-18-147	62.72	62.73	0.01	Cleavage	CLV	40
A-18-147	63.68	63.69	0.01	Cleavage	CLV	42
A-18-147	64.70	64.71	0.01	Cleavage	CLV	45
A-18-147	64.80	64.81	0.01	Silty lamina	BDG	42
A-18-147	65.28	65.29	0.01	Cleavage	CLV	42
A-18-147	66.45	66.46	0.01	Cleavage	CLV	43
A-18-147	68.05	68.06	0.01	Cleavage	CLV	42
A-18-147	69.49	69.50	0.01	Cleavage	CLV	40
A-18-147	71.17	71.18	0.01	Cleavage	CLV	50
A-18-147	72.43	72.44	0.01	Cleavage	CLV	43
A-18-147	73.36	73.37	0.01	Laminated Pyrite Bed	BDG	44
A-18-147	73.91	73.92	0.01	Cleavage	CLV	35
A-18-147	75.27	75.28	0.01	Cleavage	CLV	40
A-18-147	75.36	75.94	0.58	Faulted zone with poke chip core and gouge development increasing towards the base of the fault. Significant core loss MUST have occurred in this fault.	FLT	51

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	76.16	76.17	0.01	Cleavage	CLV	55
A-18-147	76.72	76.73	0.01	Cleavage	CLV	45
A-18-147	78.15	78.16	0.01	Silty lamina	BDG	42
A-18-147	78.57	78.58	0.01	Cleavage	CLV	48
A-18-147	79.26	79.27	0.01	Cleavage	CLV	40
A-18-147	80.61	80.62	0.01	Cleavage	CLV	40
A-18-147	80.84	80.85	0.01	Nodular Barite Lamina	BDG	40
A-18-147	81.56	82.50	0.94	Heavily faulted zone with black gouge/chips with well developed slick surfaces along rubble.	FLT	54
A-18-147	82.96	82.97	0.01	Cleavage	CLV	50
A-18-147	83.56	83.57	0.01	Nodular Barite Lamina	BDG	44
A-18-147	84.68	84.69	0.01	Nodular Barite Lamina	BDG	35
A-18-147	84.70	84.71	0.01	Fold Axis	FA	50
A-18-147	84.82	84.83	0.01	Nodular Barite Lamina	BDG	48
A-18-147	85.20	85.21	0.01	Cleavage	CLV	45
A-18-147	85.27	85.28	0.01	Silty lamina	BDG	50
A-18-147	85.84	85.85	0.01	Cleavage	CLV	52
A-18-147	86.86	86.87	0.01	Nodular Barite Lamina	BDG	50
A-18-147	87.00	87.61	0.61	Faulted zone with gouge and chips throughout.	FLT	60
A-18-147	88.95	88.96	0.01	Silty Bed	BDG	57
A-18-147	89.39	89.40	0.01	Cleavage	CLV	47
A-18-147	90.34	90.35	0.01	Cleavage	CLV	37
A-18-147	90.94	92.72	1.78	Heavily faulted zone with rubble and gouge throughout. Well developed slick surfaces.	FLT	NA
A-18-147	92.76	92.77	0.01	Cleavage	CLV	35
A-18-147	93.35	93.36	0.01	Silty Lamina	BDG	35
A-18-147	93.82	93.83	0.01	Silty Bed	BDG	38
A-18-147	94.21	94.22	0.01	Cleavage	CLV	40
A-18-147	95.45	96.48	1.03	Moderately faulted zone with gouge developed along fracture surfaces.	FLT	45
A-18-147	96.65	96.66	0.01	Cleavage	CLV	43
A-18-147	97.18	97.19	0.01	Nodular Barite Lamina	BDG	22
A-18-147	97.90	97.91	0.01	Silty Bed	BDG	25
A-18-147	98.94	98.95	0.01	Silty lamina	BDG	38
A-18-147	99.23	99.24	0.01	Nodular Barite Lamina	BDG	125
A-18-147	99.31	99.32	0.01	Nodular Barite Lamina	BDG	85
A-18-147	99.48	99.49	0.01	Nodular Barite Lamina	BDG	70
A-18-147	100.17	100.18	0.01	Cleavage	CLV	42
A-18-147	101.14	101.15	0.01	Cleavage	CLV	45
A-18-147	101.40	101.41	0.01	Silty lamina	BDG	60
A-18-147	101.55	101.56	0.01	Fold Axis in nodular barite laminated pyrite bed.	FA	30
A-18-147	101.69	101.70	0.01	Nodular Barite Lamina	BDG	120
A-18-147	102.08	102.09	0.01	Laminated Pyrite Bed	BDG	140
A-18-147	102.16	102.17	0.01	Cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	102.26	102.27	0.01	Nodular Barite Lamina	BDG	150
A-18-147	102.61	102.62	0.01	Nodular Barite Lamina	BDG	172
A-18-147	102.83	102.84	0.01	Nodular Barite Lamina	BDG	4
A-18-147	102.88	102.89	0.01	Cleavage	CLV	40
A-18-147	103.61	103.62	0.01	Cleavage	CLV	38
A-18-147	103.82	103.83	0.01	Nodular Barite Lamina	BDG	20
A-18-147	104.14	104.15	0.01	Cleavage	CLV	45
A-18-147	104.33	104.34	0.01	Nodular Barite Lamina	BDG	21
A-18-147	105.13	105.14	0.01	Cleavage	CLV	36
A-18-147	106.30	106.31	0.01	Cleavage	CLV	41
A-18-147	106.40	107.03	0.63	Heavily faulted zone with black gouge in the first 20cm and rubble with gouge along fracture surfaces throughout.	FLT	40
A-18-147	107.06	107.07	0.01	Silty lamina	BDG	22
A-18-147	107.50	107.51	0.01	Nodular Barite Lamina	BDG	24
A-18-147	108.08	108.09	0.01	Cleavage	CLV	38
A-18-147	108.28	108.29	0.01	Nodular Barite Lamina	BDG	18
A-18-147	108.86	108.87	0.01	Fold Axis in nodular barite laminated pyrite bed.	FA	50
A-18-147	109.11	109.12	0.01	Silty lamina	BDG	35
A-18-147	109.79	109.80	0.01	Cleavage	CLV	40
A-18-147	110.00	110.01	0.01	Silty Bed	BDG	38
A-18-147	110.69	110.70	0.01	Silty Bed	BDG	18
A-18-147	110.82	110.83	0.01	Cleavage	CLV	45
A-18-147	11.32	111.33	100.01	Fold Axis in nodular barite laminated pyrite bed.	FA-S	40
A-18-147	111.64	111.65	0.01	Fold Axis in nodular barite laminated pyrite bed.	FA	50
A-18-147	112.10	112.11	0.01	Cleavage	CLV	40
A-18-147	113.00	113.01	0.01	Silty lamina	BDG	40
A-18-147	113.60	113.61	0.01	Silty Lamina	BDG	68
A-18-147	114.03	114.04	0.01	Nodular Barite Lamina	BDG	93
A-18-147	115.00	115.01	0.01	Nodular Barite Lamina	BDG	83
A-18-147	115.39	115.40	0.01	Nodular Barite Lamina	BDG	83
A-18-147	116.80	117.27	0.47	Faulted interval with grey/black gouge on fractured rubble surfaces.	FLT	50
A-18-147	117.71	117.72	0.01	Cleavage	CLV	32
A-18-147	118.81	118.82	0.01	Cleavage	CLV	43
A-18-147	119.36	119.37	0.01	Cleavage	CLV	40
A-18-147	119.49	119.50	0.01	Cleavage	CLV	50
A-18-147	120.63	120.64	0.01	Cleavage	CLV	30
A-18-147	121.07	121.08	0.01	Cleavage	CLV	38
A-18-147	121.36	122.15	0.79	Faulted zone with slick surfaces and grey gouge along fracture surfaces.	FLT	75
A-18-147	122.29	122.30	0.01	Cleavage	CLV	39
A-18-147	122.44	122.45	0.01	Silty lamina	BDG	44
A-18-147	124.09	124.10	0.01	Cleavage	CLV	45

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	125.21	125.22	0.01	Cleavage	CLV	50
A-18-147	125.63	125.64	0.01	Nodular Barite Lamina	BDG	34
A-18-147	126.08	126.09	0.01	Nodular Barite Lamina	BDG	33
A-18-147	126.86	126.87	0.01	Cleavage	CLV	46
A-18-147	127.45	127.46	0.01	Nodular Barite Lamina	BDG	27
A-18-147	128.00	128.01	0.01	Cleavage	CLV	52
A-18-147	128.22	128.23	0.01	Nodular Barite Lamina	BDG	26
A-18-147	128.96	128.97	0.01	Nodular Barite Lamina	BDG	25
A-18-147	129.17	129.18	0.01	Cleavage	CLV	42
A-18-147	129.30	129.31	0.01	Nodular Barite Lamina	BDG	27
A-18-147	129.63	129.64	0.01	Nodular Barite Lamina	BDG	13
A-18-147	129.70	129.71	0.01	Fold axis aligned with cleavage in nodular barite bed	BDG	50
A-18-147	129.78	129.79	0.01	Nodular Barite Lamina	BDG	170
A-18-147	130.00	130.01	0.01	Nodular Barite Lamina	BDG	75
A-18-147	130.08	130.09	0.01	Cleavage	CLV	54
A-18-147	130.34	130.35	0.01	Nodular Barite Lamina	BDG	52
A-18-147	130.53	130.54	0.01	Cleavage	CLV	54
A-18-147	130.95	130.96	0.01	Nodular Barite Lamina	BDG	60
A-18-147	131.16	131.17	0.01	Cleavage	CLV	57
A-18-147	131.95	131.96	0.01	Cleavage	CLV	57
A-18-147	132.17	132.18	0.01	Nodular Barite Lamina	BDG	60
A-18-147	132.64	132.65	0.01	Cleavage	CLV	50
A-18-147	133.03	133.04	0.01	Cleavage	CLV	54
A-18-147	133.55	133.56	0.01	Cleavage	CLV	48
A-18-147	133.86	133.87	0.01	Nodular Barite Lamina	BDG	57
A-18-147	135.70	135.71	0.01	Fold Axis in nodular barite bed	FA	40
A-18-147	136.14	136.15	0.01	Nodular Barite Lamina	BDG	40
A-18-147	136.17	136.18	0.01	Fold axis in nodular barite bed.	FA	60
A-18-147	136.21	136.22	0.01	Nodular barite lamina	BDG	10
A-18-147	136.67	136.68	0.01	Cleavage	CLV	50
A-18-147	137.20	137.21	0.01	Nodular Barite Lamina	BDG	8
A-18-147	139.07	139.08	0.01	Nodular Barite Lamina	BDG	15
A-18-147	139.20	139.21	0.01	Cleavage	CLV	50
A-18-147	139.31	140.65	1.34	Faulted zone with black gouge, well developed slick surfaces.	FLT	50
A-18-147	140.88	140.89	0.01	Silty Bed	BDG	28
A-18-147	141.40	141.41	0.01	Cleavage	CLV	28
A-18-147	141.61	141.62	0.01	Cleavage	CLV	46
A-18-147	141.65	141.90	0.25	Faulted zone with slick surfaces and minor black gouge.	FLT	45
A-18-147	142.49	142.50	0.01	Nodular Barite Lamina	BDG	35
A-18-147	143.12	143.13	0.01	Silty lamina	BDG	35
A-18-147	143.64	143.65	0.01	Cleavage	CLV	37
A-18-147	144.15	144.16	0.01	Silty Bed	BDG	43

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	145.21	145.22	0.01	Cleavage	CLV	43
A-18-147	145.84	145.85	0.01	Silty lamina	BDG	35
A-18-147	146.22	146.23	0.01	Nodular Barite Lamina	BDG	38
A-18-147	146.46	146.47	0.01	Graded bed of silt, altered by pyrite-carbonate- that grades Uphole	T-UP	35
A-18-147	147.62	147.63	0.01	Cleavage	CLV	45
A-18-147	147.92	147.93	0.01	Silty lamina	BDG	45
A-18-147	148.82	148.83	0.01	Nodular Barite Lamina	BDG	41
A-18-147	150.09	150.66	0.57	Heavily faulted zone with black gouge throughout and slick surfaces on rubble.	FLT	60
A-18-147	150.73	150.74	0.01	Cleavage	CLV	50
A-18-147	151.71	151.72	0.01	Contact between frag shale and massive shale	BDG	53
A-18-147	152.25	152.26	0.01	Cleavage	CLV	46
A-18-147	152.74	152.75	0.01	Cleavage	CLV	48
A-18-147	153.47	153.48	0.01	Silty lamina	BDG	45
A-18-147	153.64	153.65	0.01	Cleavage	CLV	48
A-18-147	154.00	154.01	0.01	Silty lamina	BDG	43
A-18-147	155.08	155.09	0.01	Cleavage	CLV	49
A-18-147	155.51	155.52	0.01	Contact between frag shale and massive shale	BDG	42
A-18-147	156.67	156.68	0.01	Silty lamina	BDG	45
A-18-147	157.14	157.39	0.25	Faulted zone with rubble and minor black gouge along surfaces.	FLT	50
A-18-147	157.58	157.59	0.01	Cleavage	CLV	45
A-18-147	158.27	158.28	0.01	Cleavage	CLV	40
A-18-147	159.48	159.49	0.01	Cleavage	CLV	45
A-18-147	159.56	160.49	0.93	Faulted zone with slick surfaces and minor gouge.	FLT	60
A-18-147	160.91	162.41	1.5	Heavily faulted zone with black gouge and well developed slick surfaces.	FLT	50
A-18-147	162.89	162.90	0.01	Cleavage	CLV	45
A-18-147	163.26	163.27	0.01	Cleavage	CLV	45
A-18-147	163.68	163.69	0.01	Cleavage	CLV	45
A-18-147	164.14	164.15	0.01	Cleavage	CLV	43
A-18-147	164.55	164.56	0.01	Cleavage	CLV	47
A-18-147	165.05	165.06	0.01	Cleavage	CLV	45
A-18-147	165.54	165.55	0.01	Cleavage	CLV	50
A-18-147	166.70	166.74	0.04	Very minor fault with black gouge.	FLT	50
A-18-147	167.94	167.95	0.01	Cleavage	CLV	43
A-18-147	169.26	169.27	0.01	Cleavage	CLV	50
A-18-147	170.07	170.08	0.01	Cleavage	CLV	52
A-18-147	173.08	173.09	0.01	Cleavage	CLV	43
A-18-147	173.63	173.64	0.01	Cleavage	CLV	40
A-18-147	173.76	173.77	0.01	Silty lamina	BDG	40
A-18-147	175.35	175.36	0.01	Cleavage	CLV	40
A-18-147	179.41	179.42	0.01	Cleavage	CLV	47

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	179.69	179.70	0.01	Cleavage	CLV	37
A-18-147	180.81	180.82	0.01	Silty Bed	BDG	52
A-18-147	180.85	180.93	0.08	Faulted interval sigh grey gouge and slick surfaces.	FLT	50
A-18-147	181.06	182.12	1.06	Faulted zone with minor gouge and rubble.	FLT	50
A-18-147	182.43	182.44	0.01	Silty lamina	BDG	45
A-18-147	183.13	183.14	0.01	Silty bed	BDG	43
A-18-147	183.45	183.46	0.01	Cleavage	CLV	43
A-18-147	183.88	183.89	0.01	Silty lamina	BDG	43
A-18-147	184.86	184.87	0.01	Silty lamina	BDG	40
A-18-147	185.43	185.44	0.01	Cleavage	CLV	35
A-18-147	186.40	186.41	0.01	Silty lamina	BDG	44
A-18-147	186.76	186.77	0.01	Cleavage	CLV	42
A-18-147	187.35	187.36	0.01	Silty lamina	BDG	43
A-18-147	187.52	188.40	0.88	Faulted zone with poke chip core, slick surfaces and minor grey gouge developed.	FLT	30
A-18-147	188.90	188.91	0.01	Silty lamina	BDG	34
A-18-147	190.12	190.38	0.26	faulted zone with minor gouge and well developed slick surfaces.	FLT	55
A-18-147	191.08	195.79	4.71	Heavily fractured interval with poker chip rubble, <10cm sections of grey gouge, and slick surfaces throughout.	FLT	50
A-18-147	196.00	196.01	0.01	Cleavage	CLV	49
A-18-147	196.38	196.39	0.01	Silty lamina	BDG	50
A-18-147	197.08	197.09	0.01	Cleavage	CLV	50
A-18-147	197.88	197.89	0.01	Silty Lamina	BDG	55
A-18-147	198.78	198.79	0.01	Cleavage	CLV	52
A-18-147	199.54	199.55	0.01	Cleavage	CLV	48
A-18-147	200.61	200.62	0.01	Cleavage	CLV	21
A-18-147	201.03	201.04	0.01	Cleavage	CLV	40
A-18-147	201.92	201.93	0.01	Cleavage	CLV	49
A-18-147	202.19	202.20	0.01	Silty lamina	BDG	46
A-18-147	202.74	202.75	0.01	Silty lamina	BDG	52
A-18-147	204.73	204.74	0.01	Cleavage	CLV	42
A-18-147	205.00	205.28	0.28	Faulted zone with rubble and minor gouge.	FLT	50
A-18-147	206.47	206.48	0.01	Cleavage	CLV	45
A-18-147	207.10	207.11	0.01	Cleavage	CLV	45
A-18-147	208.51	208.52	0.01	Cleavage	CLV	45
A-18-147	210.25	210.26	0.01	Cleavage	CLV	46
A-18-147	210.87	210.88	0.01	Cleavage	CLV	45
A-18-147	211.66	211.67	0.01	Cleavage	CLV	44
A-18-147	213.33	213.34	0.01	Cleavage	CLV	40
A-18-147	213.77	213.78	0.01	Cleavage	CLV	40
A-18-147	214.47	214.48	0.01	Cleavage	CLV	43
A-18-147	215.91	215.92	0.01	Cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	217.09	217.10	0.01	Cleavage	CLV	44
A-18-147	218.86	218.87	0.01	Cleavage	CLV	41
A-18-147	220.67	220.68	0.01	Laminated Pyrite Bed	BDG	12
A-18-147	220.71	220.72	0.01	Fold axis in laminated pyrite bed	BDG	45
A-18-147	220.73	220.74	0.01	Laminated Pyrite Bed	BDG	105
A-18-147	220.84	220.85	0.01	Laminated Pyrite Bed	BDG	100
A-18-147	220.97	220.98	0.01	Fold axis in laminated pyrite bed	BDG	42
A-18-147	220.97	220.98	0.01	Laminated Pyrite Bed	BDG	70
A-18-147	221.05	221.06	0.01	Laminated Pyrite Bed	BDG	135
A-18-147	221.32	221.33	0.01	Cleavage	CLV	41
A-18-147	221.04	221.05	0.01	Laminated Pyrite Bed	BDG	135
A-18-147	221.91	221.92	0.01	Laminated Pyrite Bed	BDG	125
A-18-147	221.94	221.95	0.01	Laminated Pyrite Bed	BDG	110
A-18-147	222.18	222.19	0.01	Cleavage	CLV	41
A-18-147	222.64	222.65	0.01	Laminated Pyrite Bed	BDG	80
A-18-147	222.64	222.65	0.01	Fold axis in laminated pyrite bed	BDG	35
A-18-147	222.68	222.69	0.01	Laminated Pyrite Bed	BDG	160
A-18-147	223.23	223.24	0.01	Cleavage	CLV	43
A-18-147	223.86	223.87	0.01	Laminated Pyrite Bed	BDG	132
A-18-147	224.45	224.46	0.01	Laminated Pyrite Bed	BDG	137
A-18-147	224.69	224.70	0.01	Cleavage	CLV	40
A-18-147	226.15	226.16	0.01	Cleavage	CLV	35
A-18-147	227.08	227.09	0.01	Cleavage	CLV	35
A-18-147	227.60	227.61	0.01	Cleavage	CLV	38
A-18-147	228.44	228.45	0.01	Cleavage	CLV	35
A-18-147	229.39	229.40	0.01	Cleavage	CLV	40
A-18-147	231.45	231.46	0.01	Cleavage	CLV	36
A-18-147	231.86	231.87	0.01	Cleavage	CLV	32
A-18-147	232.21	232.22	0.01	Laminated Pyrite Bed	BDG	135
A-18-147	232.73	232.74	0.01	Cleavage	CLV	28
A-18-147	243.10	243.11	0.01	Cleavage	CLV	35
A-18-147	235.15	235.16	0.01	Cleavage	CLV	43
A-18-147	236.98	236.99	0.01	Cleavage	CLV	43
A-18-147	237.47	237.48	0.01	Cleavage	CLV	51
A-18-147	238.42	238.43	0.01	Cleavage	CLV	37
A-18-147	238.57	238.65	0.08	Faulted zone with rubble and slick surfaces	FLT	N/A
A-18-147	239.20	239.21	0.01	Cleavage	CLV	31
A-18-147	240.40	240.41	0.01	Laminated Pyrite Bed	BDG	44
A-18-147	240.61	240.62	0.01	Cleavage	CLV	44
A-18-147	241.10	241.11	0.01	Cleavage	CLV	54
A-18-147	241.43	242.76	1.33	Faulted zone with rubble and slick surfaces	FLT	75
A-18-147	242.15	242.16	0.01	Cleavage	CLV	44
A-18-147	243.35	243.67	0.32	Faulted zone with rubble and slick surfaces	FLT	43
A-18-147	243.94	243.95	0.01	Cleavage	CLV	39

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	244.74	244.75	0.01	Cleavage	CLV	45
A-18-147	245.80	245.81	0.01	Cleavage	CLV	42
A-18-147	246.61	246.62	0.01	Cleavage	CLV	41
A-18-147	247.81	247.82	0.01	Cleavage	CLV	37
A-18-147	248.01	248.02	0.01	Laminated Pyrite Bed	BDG	113
A-18-147	248.49	248.50	0.01	Cleavage	CLV	41
A-18-147	248.77	248.78	0.01	Laminated Pyrite Bed	BDG	124
A-18-147	249.10	249.11	0.01	Cleavage	CLV	57
A-18-147	249.21	249.41	0.2	Faulted contact with rubble and slick surfaces	FLT	N/A
A-18-147	249.54	249.55	0.01	Cleavage	CLV	57
A-18-147	250.68	250.69	0.01	Cleavage	CLV	60
A-18-147	251.59	251.60	0.01	Cleavage	CLV	51
A-18-147	253.79	253.80	0.01	Cleavage?	CLV	50
A-18-147	254.16	254.17	0.01	Cleavage?	CLV	55
A-18-147	255.61	255.62	0.01	Cleavage?	CLV	47
A-18-147	258.43	258.44	0.01	Cleavage?	CLV	40
A-18-147	259.71	259.72	0.01	Cleavage?	CLV	55
A-18-147	262.11	262.12	0.01	Cleavage?	CLV	46
A-18-147	262.76	262.92	0.16	Faulted zone with rubble and slick surfaces	FLT	
A-18-147	263.38	264.00	0.62	Faulted contact with rubble and slick surfaces	FLT	
A-18-147	264.76	264.77	0.01	Cleavage	CLV	65
A-18-147	264.85	267.58	2.73	Heavily faulted zone with areas of rubble, and regularly fractured shear zones with slick surfaces throughout	FLT	55
A-18-147	265.18	265.19	0.01	Cleavage	CLV	56
A-18-147	265.25	265.26	0.01	Silty Lamination	BDG	56
A-18-147	267.49	267.50	0.01	Cleavage	CLV	57
A-18-147	268.09	268.10	0.01	Cleavage	CLV	50
A-18-147	268.33	268.34	0.01	Cleavage	CLV	50
A-18-147	268.80	268.81	0.01	Cleavage	CLV	45
A-18-147	269.49	269.50	0.01	Cleavage	CLV	41
A-18-147	269.87	269.88	0.01	Cleavage	CLV	45
A-18-147	270.62	270.63	0.01	Cleavage	CLV	42
A-18-147	271.32	271.33	0.01	Silty Lamination	BDG	45
A-18-147	272.28	272.29	0.01	Cleavage	CLV	45
A-18-147	272.40	272.42	0.02	Silty Lamination	BDG	47
A-18-147	273.31	273.32	0.01	Cleavage	CLV	45
A-18-147	274.96	274.97	0.01	Cleavage	CLV	48
A-18-147	275.20	275.21	0.01	Laminated Pyrite Bed	BDG	116
A-18-147	276.10	276.15	0.05	Pyrite patchy laminations	BDG	60
A-18-147	276.34	276.35	0.01	Cleavage	CLV	52
A-18-147	276.67	279.07	2.4	Heavily faulted zone with areas of rubble, repetitive fractures and slick surfaces.	FLT	10
A-18-147	279.39	279.40	0.01	Cleavage	CLV	61

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	279.46	279.47	0.01	Laminated nodular barite	BDG	65
A-18-147	279.95	279.96	0.01	Cleavage	CLV	66
A-18-147	280.00	280.10	0.1	Laminated pyrite bed	BDG	65
A-18-147	280.30	280.31	0.01	Laminated pyrite bed	BDG	60
A-18-147	280.36	280.37	0.01	Laminated pyrite bed	BDG	67
A-18-147	280.88	280.89	0.01	Cleavage	CLV	65
A-18-147	280.94	280.95	0.01	Laminated pyrite bed	BDG	63
A-18-147	281.59	281.60	0.01	Cleavage	CLV	71
A-18-147	282.26	282.27	0.01	Laminated pyrite bed	BDG	65
A-18-147	282.38	282.39	0.01	Cleavage	CLV	75
A-18-147	282.79	282.80	0.01	Cleavage	CLV	70
A-18-147	282.87	282.88	0.01	Cleavage	CLV	66
A-18-147	282.23	282.24	0.01	Laminated pyrite bed	BDG	76
A-18-147	282.26	282.27	0.01	Fold axis	FA-UP	60
A-18-147	282.29	282.30	0.01	Laminated pyrite bed	BDG	56
A-18-147	283.41	283.42	0.01	Laminated pyrite bed	BDG	53
A-18-147	283.44	283.45	0.01	Sinistral fault (~5mm offset)	FLT	58
A-18-147	283.46	283.47	0.01	Fold Axis	FA-DOWN	56
A-18-147	283.46	283.47	0.01	Laminated pyrite bed	BDG	90
A-18-147	283.54	283.55	0.01	Laminated pyrite bed	BDG	90
A-18-147	283.56	283.57	0.01	Z fold axis	FAZ	70
A-18-147	283.58	283.59	0.01	Laminated pyrite bed	BDG	75
A-18-147	283.70	283.71	0.01	Laminated pyrite bed	BDG	65
A-18-147	284.12	284.13	0.01	Fold axis hinging up hole	FA-UP	70
A-18-147	284.19	284.20	0.01	Cleavage	CLV	63
A-18-147	284.34	284.35	0.01	Laminated nodular barite	BDG	72
A-18-147	284.36	284.37	0.01	Fold axis hinging up hole	FA-UP	64
A-18-147	284.39	284.40	0.01	Laminated pyrite bed	BDG	63
A-18-147	284.62	284.63	0.01	Laminated nodular barite	BDG	66
A-18-147	284.70	284.71	0.01	Laminated nodular barite	BDG	84
A-18-147	284.79	284.80	0.01	Fold axis hinging up hole	FA-UP	67
A-18-147	284.88	284.89	0.01	Laminated nodular barite	BDG	53
A-18-147	285.45	285.46	0.01	Cleavage	CLV	70
A-18-147	285.69	285.70	0.01	Laminated pyrite bed	BDG	65
A-18-147	285.93	285.94	0.01	Cleavage	CLV	71
A-18-147	286.71	286.72	0.01	Cleavage	CLV	65
A-18-147	286.88	286.89	0.01	Laminated pyrite bed	BDG	64
A-18-147	287.28	287.29	0.01	Laminated silt bed	BDG	63
A-18-147	287.46	287.47	0.01	Laminated silt bed	BDG	65
A-18-147	288.05	288.06	0.01	Cleavage	CLV	60
A-18-147	289.36	289.37	0.01	Silt lamina	BDG	58
A-18-147	289.98	289.99	0.01	Fold axis - up hole	FA-UP	65
A-18-147	290.13	290.14	0.01	W fold axis	FAW	65
A-18-147	290.46	290.49	0.03	Laminated silt bed	BDG	68

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	290.89	290.90	0.01	Cleavage	CLV	54
A-18-147	291.04	291.05	0.01	Laminated pyrite bed	BDG	52
A-18-147	291.44	291.45	0.01	Laminated pyrite bed	BDG	65
A-18-147	291.68	291.69	0.01	Cleavage	CLV	56
A-18-147	292.31	292.32	0.01	Cleavage	CLV	65
A-18-147	292.84	292.85	0.01	Cleavage	CLV	60
A-18-147	294.19	294.20	0.01	Laminated pyrite bed	BDG	65
A-18-147	294.92	294.93	0.01	Laminated pyrite bed	BDG	51
A-18-147	295.13	295.14	0.01	Laminated pyrite bed	BDG	48
A-18-147	295.19	295.20	0.01	Cleavage	CLV	58
A-18-147	295.82	295.83	0.01	Cleavage	CLV	60
A-18-147	295.95	295.96	0.01	Laminated pyrite bed	BDG	62
A-18-147	296.47	296.48	0.01	Cleavage	CLV	64
A-18-147	297.00	297.01	0.01	Laminated pyrite bed	BDG	67
A-18-147	297.32	297.33	0.01	Cleavage	CLV	64
A-18-147	298.29	298.30	0.01	Cleavage	CLV	64
A-18-147	299.12	299.13	0.01	Cleavage	CLV	66
A-18-147	299.19	299.20	0.01	Laminated pyrite bed	BDG	70
A-18-147	300.26	300.27	0.01	Silt lamina	BDG	72
A-18-147	300.59	300.6	0.01	Cleavage	CLV	68
A-18-147	301.54	301.55	0.01	Silt lamina	BDG	65
A-18-147	302.11	302.12	0.01	Cleavage	CLV	65
A-18-147	303.02	303.03	0.01	Cleavage	CLV	60
A-18-147	303.42	303.43	0.01	Cleavage	CLV	61
A-18-147	303.69	303.7	0.01	Silt lamina	BDG	62
A-18-147	304.5	304.51	0.01	Cleavage	CLV	70
A-18-147	305.51	305.52	0.01	Silt lamina	BDG	60
A-18-147	305.9	305.91	0.01	Silt lamina	BDG	55
A-18-147	306.29	306.3	0.01	Cleavage	CLV	64
A-18-147	306.93	306.94	0.01	Cleavage	CLV	62
A-18-147	307.9	307.91	0.01	Silt lamina	BDG	46
A-18-147	308.63	308.64	0.01	Silt bed	BDG	52
A-18-147	309.39	309.4	0.01	Cleavage	CLV	65
A-18-147	310.7	310.71	0.01	Cleavage	CLV	62
A-18-147	311.66	311.67	0.01	Cleavage	CLV	62
A-18-147	313.19	313.2	0.01	Cleavage	CLV	61
A-18-147	314.57	314.58	0.01	Cleavage	CLV	65
A-18-147	317.07	317.08	0.01	Cleavage	CLV	65
A-18-147	318.69	318.7	0.01	Cleavage	CLV	62
A-18-147	320.54	320.55	0.01	Cleavage	CLV	60
A-18-147	321.74	321.91	0.17	Fault with highly frequent fracture, rubble and slick sheared surfaces	FLT	62
A-18-147	323.14	323.2	0.06	Silt bed	BDG	75
A-18-147	324.43	324.44	0.01	Cleavage	CLV	65

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	325.49	325.5	0.01	Cleavage	CLV	61
A-18-147	325.91	325.92	0.01	Silt lamina	BDG	65
A-18-147	327.4	327.41	0.01	Laminated dull brown pyrite bed	BDG	60
A-18-147	327.81	327.82	0.01	Silt lamina	BDG	58
A-18-147	329.02	329.03	0.01	Carbonate silt bed	BDG	55
A-18-147	329.19	329.2	0.01	Cleavage	CLV	60
A-18-147	329.83	329.84	0.01	Dull brown pyrite lamina	BDG	59
A-18-147	320.25	320.51	0.26	Faulted zone with area of rubble	FLT	10
A-18-147	331.61	331.62	0.01	Cleavage	CLV	71
A-18-147	332.23	332.24	0.01	Nodular Barite Lamina	BDG	60
A-18-147	332.32	332.36	0.04	S fold axis	FAS	70
A-18-147	332.69	332.7	0.01	Silt lamina	BDG	60
A-18-147	333.23	333.24	0.01	Cleavage	CLV	62
A-18-147	334.84	334.85	0.01	Cleavage	CLV	70
A-18-147	335.69	335.7	0.01	Cleavage	CLV	64
A-18-147	336.17	336.18	0.01	Cleavage	CLV	65
A-18-147	336.81	336.82	0.01	Silt lamina	BDG	61
A-18-147	337.44	337.46	0.02	S fold axis	FAS	66
A-18-147	337.54	337.55	0.01	Dull brown pyrite lamina	BDG	50
A-18-147	337.97	337.98	0.01	Silt lamina	BDG	56
A-18-147	338.48	338.49	0.01	Cleavage	CLV	61
A-18-147	338.37	338.38	0.01	Dull brown pyrite lamina	BDG	70
A-18-147	339.11	339.12	0.01	Dull brown pyrite lamina	BDG	71
A-18-147	339.12	339.13	0.01	Fold axis hinging up hole	FA-UP	65
A-18-147	339.18	339.19	0.01	Nodular Barite Lamina	BDG	58
A-18-147	341.29	341.3	0.01	Dull brown pyrite lamina	BDG	70
A-18-147	341.51	341.52	0.01	Cleavage	CLV	71
A-18-147	342.04	342.05	0.01	Silt bed	BDG	67
A-18-147	342.21	342.22	0.01	Cleavage	CLV	69
A-18-147	343.07	343.08	0.01	Dull brown pyrite lamina	BDG	72
A-18-147	343.51	343.52	0.01	Cleavage	CLV	69
A-18-147	343.68	343.69	0.01	Silt lamina	BDG	74
A-18-147	344.24	344.25	0.01	Cleavage	CLV	66
A-18-147	344.41	344.89	0.48	Graded silt bed	BDG	41
A-18-147	345.86	345.87	0.01	Cleavage	CLV	67
A-18-147	345.16	345.17	0.01	Dull brown pyrite lamina	BDG	65
A-18-147	345.23	345.24	0.01	Dull brown pyrite lamina	BDG	71
A-18-147	345.47	345.48	0.01	Cleavage	CLV	70
A-18-147	346.02	346.03	0.01	Dull brown pyrite lamina	BDG	75
A-18-147	346.63	346.64	0.01	Cleavage	CLV	64
A-18-147	347.02	347.03	0.01	Dull brown pyrite lamina	BDG	72
A-18-147	347.51	347.52	0.01	Dull brown pyrite lamina	BDG	60
A-18-147	347.73	347.74	0.01	Cleavage	CLV	61
A-18-147	348.21	348.22	0.01	Cleavage	CLV	71

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	348.25	348.7	0.45	Faulted zone with rubble	FLT	10
A-18-147	348.5	348.51	0.01	Fold axis hinging down hole	FA-DOWN	77
A-18-147	348.8	348.81	0.01	Dull brown pyrite lamina	BDG	80
A-18-147	349.04	349.05	0.01	Silt lamina	BDG	61
A-18-147	349.46	349.47	0.01	Cleavage	CLV	67
A-18-147	349.54	349.55	0.01	Dull brown pyrite lamina	BDG	76
A-18-147	349.57	349.58	0.01	Fold axis up hole	FA-UP	75
A-18-147	349.62	349.63	0.01	Dull brown pyrite lamina	BDG	58
A-18-147	349.96	349.97	0.01	Cleavage	CLV	65
A-18-147	350.16	350.17	0.01	Dull brown pyrite lamina	BDG	92
A-18-147	351.08	351.09	0.01	Dull brown pyrite lamina	BDG	55
A-18-147	351.64	351.65	0.01	Dull brown pyrite lamina	BDG	52
A-18-147	352.49	352.5	0.01	Cleavage	CLV	60
A-18-147	352.95	352.96	0.01	Silt lamina	BDG	52
A-18-147	353.05	353.08	0.03	S fold axis	FAS	64
A-18-147	353.16	353.17	0.01	Fold axis hinge up hole	FA-UP	54
A-18-147	353.2	353.21	0.01	Nodular Barite Lamina	BDG	52
A-18-147	354.25	354.26	0.01	Dull brown pyrite lamina	BDG	57
A-18-147	354.44	354.45	0.01	Dull brown pyrite lamina	BDG	51
A-18-147	355.11	355.12	0.01	Cleavage	CLV	60
A-18-147	355.36	355.37	0.01	Cleavage	CLV	56
A-18-147	355.64	355.65	0.01	Cleavage	CLV	60
A-18-147	355.77	355.78	0.01	Dull brown pyrite lamina	BDG	64
A-18-147	355.93	355.94	0.01	Cleavage	CLV	60
A-18-147	356.14	356.15	0.01	S fold axis	FAS	60
A-18-147	356.28	356.29	0.01	Fold axis hinge up hole	FA-UP	67
A-18-147	356.53	356.54	0.01	Dull brown pyrite lamina	BDG	60
A-18-147	356.7	356.71	0.01	Dull brown pyrite lamina	BDG	58
A-18-147	356.8	356.81	0.01	Fold axis hinge down hole	FA-DOWN	60
A-18-147	357.34	357.35	0.01	Dull brown pyrite lamina	BDG	55
A-18-147	357.71	357.72	0.01	Nodular Barite Lamina	BDG	65
A-18-147	357.79	357.8	0.01	Cleavage	CLV	68
A-18-147	358.05	358.06	0.01	Cleavage	CLV	55
A-18-147	358.25	358.26	0.01	Dull brown pyrite lamina	BDG	58
A-18-147	358.44	358.45	0.01	Silt lamina	BDG	48
A-18-147	358.66	358.67	0.01	Cleavage	CLV	50
A-18-147	358.9	358.91	0.01	Nodular Barite Lamina	BDG	55
A-18-147	358.96	358.97	0.01	Cleavage	CLV	57
A-18-147	359.31	359.32	0.01	Nodular Barite Lamina	BDG	58
A-18-147	359.58	359.59	0.01	Dull brown pyrite lamina	BDG	75
A-18-147	359.62	359.63	0.01	Cleavage	CLV	76
A-18-147	359.77	359.78	0.01	Nodular Barite Lamina	BDG	75
A-18-147	360.28	360.29	0.01	Dull brown pyrite lamina	BDG	70
A-18-147	360.7	360.71	0.01	Cleavage	CLV	62

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	361.01	361.02	0.01	Dull brown pyrite lamina	BDG	43
A-18-147	361.1	361.12	0.02	Dull brown pyrite lamina	BDG	50
A-18-147	361.21	361.22	0.01	Cleavage	CLV	54
A-18-147	362.15	363.23	1.08	Heavily faulted area with rubble and slick surfaces	FLT	10
A-18-147	363.2	363.21	0.01	Dull brown pyrite lamina	BDG	60
A-18-147	363.42	363.43	0.01	Nodular Barite Lamina	BDG	61
A-18-147	363.58	363.59	0.01	Cleavage	CLV	72
A-18-147	364.06	365.07	1.01	Dull brown pyrite bed	BDG	51
A-18-147	365.34	365.35	0.01	Fold axis hinging down hole	FA-DOWN	67
A-18-147	364.65	364.66	0.01	Nodular Barite Lamina	BDG	70
A-18-147	364.77	364.78	0.01	Dull brown pyrite bed	CLV	71
A-18-147	365.19	365.2	0.01	Cleavage	CLV	72
A-18-147	365.77	365.78	0.01	Nodular Barite Lamina	BDG	56
A-18-147	365.93	365.94	0.01	Nodular Barite Lamina	BDG	56
A-18-147	366.38	366.39	0.01	Nodular Barite Lamina	BDG	76
A-18-147	366.4	366.41	0.01	Fold axis hinging up hole	FA-UP	65
A-18-147	366.46	366.47	0.01	Dull brown pyrite lamina	BDG	55
A-18-147	366.72	366.73	0.01	Cleavage	CLV	65
A-18-147	366.95	366.96	0.01	Dull brown pyrite bed	BDG	64
A-18-147	367.22	367.23	0.01	Fold axis hinging upward	FA-UP	67
A-18-147	367.36	367.38	0.02	S fold axis	FAS	67
A-18-147	367.43	367.44	0.01	Nodular Barite Lamina	BDG	66
A-18-147	367.53	367.54	0.01	Nodular Barite Lamina	BDG	85
A-18-147	367.55	367.56	0.01	Fold axis hinging up hole	FA-UP	71
A-18-147	367.76	367.77	0.01	Cleavage	CLV	69
A-18-147	367.9	367.91	0.01	fold axis hinging down hole	FA-DOWN	66
A-18-147	368.4	368.41	0.01	Cleavage	CLV	67
A-18-147	368.56	368.57	0.01	Dull brown pyrite lamins	BDG	46
A-18-147	368.56	368.64	0.08	S fold axis	FAS	81
A-18-147	368.77	368.78	0.01	Silty lamina	BDG	55
A-18-147	368.95	368.96	0.01	Dull brown pyrite lamina	BDG	51
A-18-147	369.46	369.47	0.01	Cleavage	CLV	64
A-18-147	369.55	369.56	0.01	Fold axis hinging down hole	FA-DOWN	62
A-18-147	369.61	369.65	0.04	Silty lamina	BDG	73
A-18-147	369.8	369.88	0.08	M fold axis	FAM	64
A-18-147	370.1	370.11	0.01	Dull brown pyrite bed	BDG	70
A-18-147	370.3	370.31	0.01	Fold axis hinging up hole	FA-UP	65
A-18-147	370.59	370.6	0.01	Fold axis hinging up hole	FA-UP	70
A-18-147	370.61	370.62	0.01	Cleavage	CLV	67
A-18-147	370.68	370.69	0.01	Fold axis hinging up hole	FA-UP	76
A-18-147	371.04	371.05	0.01	Nodular Barite Lamina	BDG	77
A-18-147	371.18	371.19	0.01	Cleavage	CLV	66
A-18-147	371.52	371.53	0.01	Nodular Barite Lamina	BDG	159
A-18-147	371.61	371.67	0.06	M fold axis	FAM	65

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	371.8	371.81	0.01	Dull brown pyrite lamina	BDG	74
A-18-147	371.84	371.89	0.05	Z fold axis	FAZ	57
A-18-147	372.11	372.12	0.01	Cleavage	CLV	72
A-18-147	372.29	372.3	0.01	Fold axis hinging down hole	FA-DOWN	62
A-18-147	372.87	372.88	0.01	Dull brown pyrite lamina	BDG	74
A-18-147	373.24	373.25	0.01	Cleavage	CLV	68
A-18-147	373.83	373.84	0.01	Fold axis hinging up hole	FA-UP	60
A-18-147	374.2	374.21	0.01	Cleavage	CLV	87
A-18-147	374.23	374.24	0.01	Fold axis hinging up hole	FA-UP	72
A-18-147	374.3	374.31	0.01	Cleavage	CLV	42
A-18-147	374.66	374.67	0.01	Cleavage	CLV	66
A-18-147	374.99	375	0.01	Nodular Barite Lamina	BDG	34
A-18-147	375.42	375.43	0.01	Silty lamina	BDG	41
A-18-147	375.78	375.79	0.01	Cleavage	CLV	64
A-18-147	376.11	376.12	0.01	Dull brown pyrite bed	BDG	34
A-18-147	376.5	376.51	0.01	Cleavage	CLV	69
A-18-147	376.54	376.55	0.01	Nodular Barite Lamina	BDG	76
A-18-147	377.36	377.37	0.01	Cleavage	CLV	67
A-18-147	377.48	377.49	0.01	Nodular Barite Lamina	BDG	70
A-18-147	377.58	377.59	0.01	Dull brown pyrite lamina	BDG	115
A-18-147	377.78	377.79	0.01	Thick grading upward silt bed	BDG	58
A-18-147	378.27	378.28	0.01	Cleavage	CLV	59
A-18-147	378.37	378.38	0.01	Silt lamina	BDG	35
A-18-147	378.93	378.94	0.01	Silt lamina	BDG	34
A-18-147	379.36	379.37	0.01	Cleavage	CLV	66
A-18-147	379.42	379.43	0.01	Silt lamina	BDG	91
A-18-147	379.6	379.61	0.01	Fold axis hinging up hole	FA-UP	59
A-18-147	379.87	379.88	0.01	Fold axis hinging up hole	FA-UP	62
A-18-147	380.09	380.1	0.01	Cleavage	CLV	61
A-18-147	380.26	380.27	0.01	Nodular Barite Lamina	BDG	85
A-18-147	380.29	380.3	0.01	Fold axis hinging up hole	FA-UP	55
A-18-147	380.48	380.49	0.01	Nodular Barite Lamina	BDG	42
A-18-147	380.83	380.84	0.01	silt lamina	BDG	44
A-18-147	381.19	381.2	0.01	Cleavage	CLV	64
A-18-147	381.2	381.21	0.01	Dull brown pyrite lamina	BDG	45
A-18-147	381.29	381.3	0.01	S fold axis	FAS	65
A-18-147	382.05	382.06	0.01	Silt lamina	BDG	40
A-18-147	383.13	383.14	0.01	Cleavage	CLV	66
A-18-147	383.71	383.72	0.01	Silt bed grading upward	BDG	45
A-18-147	384.56	384.57	0.01	Nodular Barite Lamina	BDG	74
A-18-147	384.6	384.61	0.01	Cleavage	CLV	76
A-18-147	384.98	384.99	0.01	Dull brown pyrite lamina	BDG	94
A-18-147	385.09	385.1	0.01	Fold axis hinging up hole	FA-UP	70
A-18-147	385.19	385.2	0.01	Nodular Barite Lamina	BDG	57

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	385.26	385.27	0.01	Fold axis hinging down hole	FA-DOWN	64
A-18-147	385.37	385.38	0.01	Cleavage	CLV	72
A-18-147	387.41	387.42	0.01	Dull brown pyrite lamina	BDG	94
A-18-147	387.9	387.91	0.01	Dull brown pyrite lamina	BDG	48
A-18-147	387.26	387.27	0.01	Silt lamina	BDG	48
A-18-147	387.51	387.52	0.01	Dull brown pyrite lamina	BDG	39
A-18-147	387.02	387.03	0.01	Cleavage	CLV	74
A-18-147	387.11	387.12	0.01	Nodular Barite Lamina	BDG	41
A-18-147	387.92	387.93	0.01	Silt lamina	BDG	28
A-18-147	388.3	388.31	0.01	Fold axis hinging up hole	FA-UP	64
A-18-147	388.4	388.41	0.01	Fold axis hinging down hole	FA-DOWN	69
A-18-147	388.81	388.82	0.01	Dull brown pyrite bed	BDG	75
A-18-147	388.95	388.96	0.01	Cleavage	CLV	71
A-18-147	388.98	388.99	0.01	Nodular Barite Lamina	BDG	80
A-18-147	389.02	389.03	0.01	Fold axis hinging up hole	FA-UP	61
A-18-147	389.1	389.11	0.01	Nodular Barite Lamina	BDG	46
A-18-147	389.51	389.52	0.01	Cleavage	CLV	59
A-18-147	389.71	389.72	0.01	Nodular Barite Lamina	BDG	51
A-18-147	390.53	390.54	0.01	Cleavage	CLV	61
A-18-147	390.68	390.69	0.01	Dull brown pyrite lamina	BDG	48
A-18-147	391.32	391.33	0.01	Cleavage	CLV	49
A-18-147	391.91	392.61	0.7	Faulted zone with areas of rubble, and areas of regularly fractured pieces with slick surfaces	FLT	10
A-18-147	392.72	392.73	0.01	Cleavage	CLV	72
A-18-147	393.28	393.29	0.01	Dull brown pyrite bed	BDG	68
A-18-147	393.3	393.31	0.01	Fold axis hinging up hole	FA-UP	74
A-18-147	393.36	393.37	0.01	Cleavage	CLV	58
A-18-147	393.44	393.45	0.01	Nodular Barite Lamina	BDG	46
A-18-147	393.49	393.5	0.01	Fold axis hinging down hole	FA-DOWN	65
A-18-147	393.81	393.82	0.01	Silt lamina	BDG	55
A-18-147	393.91	393.92	0.01	Cleavage	CLV	54
A-18-147	394.08	394.09	0.01	Dull brown pyrite lamina	BDG	96
A-18-147	394.26	394.27	0.01	Fold axis hinging up hole	FA-UP	63
A-18-147	394.47	394.48	0.01	Dull brown pyrite bed	BDG	55
A-18-147	394.69	394.7	0.01	Cleavage	CLV	51
A-18-147	394.85	394.86	0.01	Silt lamina	BDG	20
A-18-147	395.33	395.34	0.01	Cleavage	CLV	61
A-18-147	395.59	395.6	0.01	S		10
A-18-147	395.78	395.79	0.01	Nodular Barite Lamina	BDG	42
A-18-147	396.13	396.14	0.01	dull brown pyrite lamina	BDG	10
A-18-147	396.48	396.49	0.01	dull brown pyrite lamina	BDG	41
A-18-147	396.82	396.83	0.01	Cleavage	CLV	64
A-18-147	396.87	396.88	0.01	Silt lamina	BDG	47
A-18-147	397.45	397.46	0.01	Dull brown pyrite lamina	BDG	80

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	397.72	397.73	0.01	Cleavage	CLV	72
A-18-147	398.03	398.04	0.01	Dull brown pyrite bed	BDG	61
A-18-147	398.09	398.1	0.01	Cleavage	CLV	66
A-18-147	398.61	398.62	0.01	Nodular Barite Lamina	BDG	10
A-18-147	398.66	398.67	0.01	Cleavage	CLV	69
A-18-147	399.58	399.59	0.01	Cleavage	CLV	62
A-18-147	399.63	399.64	0.01	Nodular Barite Lamina	BDG	73
A-18-147	399.77	399.78	0.01	Fold axis hinging down hole	FA-DOWN	62
A-18-147	399.91	399.92	0.01	Fold axis hinging up hole	FA-UP	61
A-18-147	399.97	399.98	0.01	Fold axis hinging down hole	FA-DOWN	63
A-18-147	400.47	400.48	0.01	Cleavage	CLV	53
A-18-147	401.07	401.08	0.01	Cleavage	CLV	62
A-18-147	401.66	401.67	0.01	Dull brown pyrite lamina	BDG	56
A-18-147	401.78	401.79	0.01	Cleavage	CLV	53
A-18-147	402.17	402.18	0.01	Dull brown pyrite lamina	BDG	51
A-18-147	402.74	402.75	0.01	Cleavage	CLV	64
A-18-147	403.19	403.2	0.01	Cleavage	CLV	71
A-18-147	404.16	404.17	0.01	Cleavage	CLV	61
A-18-147	404.2	404.21	0.01	Nodular Barite Lamina	BDG	41
A-18-147	404.43	404.44	0.01	Dull brown pyrite lamina	BDG	50
A-18-147	404.73	404.74	0.01	Dull brown pyrite lamina	BDG	64
A-18-147	404.93	404.94	0.01	Cleavage	CLV	57
A-18-147	405.37	405.43	0.06	W fold axis	FAW	70
A-18-147	405.54	405.55	0.01	Cleavage	CLV	69
A-18-147	405.59	405.6	0.01	Dull brown pyrite lamination	BDG	59
A-18-147	405.68	405.69	0.01	Fold axis hinging down hole	FA-DOWN	64
A-18-147	405.71	405.72	0.01	Nodular Barite Lamina	BDG	101
A-18-147	405.88	405.89	0.01	Nodular Barite Lamina	BDG	35
A-18-147	406.17	406.28	0.11	M fold axis	FAM	65
A-18-147	406.15	406.16	0.01	Nodular Barite Lamina	BDG	89
A-18-147	406.22	406.23	0.01	Nodular Barite Lamina	BDG	46
A-18-147	406.25	406.26	0.01	Fold axis hinging down hole	FA-DOWN	70
A-18-147	406.33	406.34	0.01	Dull brown pyrite lamina	BDG	89
A-18-147	406.36	406.37	0.01	Fold axis hinging up hole	FA-UP	75
A-18-147	406.4	406.41	0.01	Silt lamina	BDG	51
A-18-147	406.83	406.84	0.01	Cleavage	CLV	63
A-18-147	406.88	406.89	0.01	Nodular Barite Lamina	BDG	47
A-18-147	407.59	407.6	0.01	Silt lamina	BDG	54
A-18-147	407.81	407.86	0.05	W fold axis	FAW	55
A-18-147	408.1	408.11	0.01	Cleavage	CLV	56
A-18-147	408.18	408.19	0.01	Nodular Barite Lamina	BDG	44
A-18-147	408.64	408.65	0.01	Nodular Barite Lamina	BDG	33
A-18-147	408.83	408.84	0.01	Dull brown pyrite lamina	BDG	81
A-18-147	409.23	409.24	0.01	Dull brown pyrite lamina	BDG	35

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	409.44	409.45	0.01	Cleavage	CLV	65
A-18-147	409.7	409.71	0.01	Dull brown pyrite lamination	BDG	46
A-18-147	409.72	409.78	0.06	W fold axis	FAW	64
A-18-147	410.12	410.13	0.01	Nodular Barite Lamina	BDG	67
A-18-147	410.16	410.17	0.01	Cleavage	CLV	66
A-18-147	410.4	410.41	0.01	Cleavage	CLV	62
A-18-147	410.53	410.54	0.01	Dull brown pyrite lamina	BDG	79
A-18-147	410.77	410.78	0.01	Dull brown pyrite lamina	BDG	54
A-18-147	410.98	410.99	0.01	Dull brown pyrite lamina	BDG	96
A-18-147	411.11	411.12	0.01	Dull brown pyrite lamina	BDG	42
A-18-147	411.44	411.45	0.01	Cleavage	CLV	62
A-18-147	411.57	411.58	0.01	Dull brown pyrite lamina	BDG	39
A-18-147	411.79	411.8	0.01	Nodular Barite Lamina	BDG	51
A-18-147	412.2	412.27	0.07	S fold axis	FAS	75
A-18-147	412.26	412.27	0.01	Cleavage	CLV	69
A-18-147	412.4	412.41	0.01	Silt lamina	BDG	39
A-18-147	412.51	412.52	0.01	Dull brown pyrite lamina	BDG	97
A-18-147	412.53	412.58	0.05	M fold axis	FAM	70
A-18-147	412.68	412.69	0.01	Silt lamina	BDG	66
A-18-147	413.45	413.46	0.01	Cleavage	CLV	58
A-18-147	413.81	413.82	0.01	Cleavage	CLV	63
A-18-147	414.1	414.11	0.01	Nodular Barite Lamina	BDG	38
A-18-147	414.45	414.46	0.01	Nodular Barite Lamina	BDG	49
A-18-147	415.15	415.16	0.01	Dull brown pyrite bed	BDG	28
A-18-147	415.69	415.7	0.01	Nodular Barite Lamina	BDG	99
A-18-147	415.77	415.78	0.01	Nodular Barite Lamina	BDG	126
A-18-147	415.81	415.82	0.01	Fold Axis hinge up hole	FA-UP	101
A-18-147	415.88	415.89	0.01	Nodular Barite Lamina	BDG	71
A-18-147	416.29	416.3	0.01	Dull brown pyrite lamina	BDG	46
A-18-147	416.41	416.42	0.01	Cleavage	CLV	64
A-18-147	417.76	417.77	0.01	Cleavage	CLV	65
A-18-147	418.2	418.21	0.01	Cleavage	CLV	65
A-18-147	417.87	418.1	0.23	Faulted zone with rublble	FLT	10
A-18-147	418.51	418.52	0.01	Dull brown pyrite lamina	BDG	53
A-18-147	418.97	418.98	0.01	Silt lamina	BDG	51
A-18-147	419.3	419.31	0.01	Cleavage	CLV	65
A-18-147	419.54	419.66	0.12	Faulted zone of rubble	FLT	10
A-18-147	419.85	419.96	0.11	Faulted zone of rubble	FLT	10
A-18-147	420.15	420.16	0.01	Nodular Barite Lamina	BDG	190
A-18-147	420.19	420.23	0.04	S fold axis	FAS	56
A-18-147	420.58	420.59	0.01	Cleavage	CLV	56
A-18-147	421.45	421.46	0.01	Cleavage	CLV	62
A-18-147	421.59	421.6	0.01	Cleavage	CLV	63
A-18-147	423.09	423.14	0.05	Faulted zone of rubble	FLT	10

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	423.32	423.33	0.01	Dull brown pyrite lamination	BDG	34
A-18-147	423.76	423.77	0.01	Cleavage	CLV	64
A-18-147	424.06	424.07	0.01	Cleavage	CLV	64
A-18-147	424.97	424.98	0.01	Cleavage	CLV	62
A-18-147	425.81	425.82	0.01	Cleavage	CLV	66
A-18-147	426.83	426.84	0.01	Cleavage	CLV	57
A-18-147	426.94	426.95	0.01	Silt lamina	BDG	55
A-18-147	427.05	427.06	0.01	Silt lamina	BDG	37
A-18-147	427.33	427.34	0.01	Cleavage	CLV	63
A-18-147	428.85	428.86	0.01	Cleavage	CLV	69
A-18-147	429.46	429.47	0.01	Cleavage	CLV	73
A-18-147	429.63	429.64	0.01	Deformed Silt lamina	BDG	41
A-18-147	429.8	429.81	0.01	Deformed Silt lamina	BDG	42
A-18-147	429.94	429.95	0.01	Silt lamina	BDG	51
A-18-147	430.15	430.16	0.01	Silt lamina	BDG	48
A-18-147	430.77	430.78	0.01	Cleavage	CLV	54
A-18-147	430.98	430.99	0.01	Nodular Barite Lamina	BDG	58
A-18-147	431.11	431.12	0.01	Nodular Barite Lamina	BDG	28
A-18-147	431.27	431.28	0.01	Dull brown pyrite lamina	BDG	39
A-18-147	431.32	431.33	0.01	Dull brown pyrite lamina	BDG	57
A-18-147	431.38	431.39	0.01	Cleavage	CLV	64
A-18-147	432.18	432.19	0.01	Cleavage	CLV	59
A-18-147	432.59	432.6	0.01	Cleavage	CLV	61
A-18-147	433.07	433.08	0.01	Dull brown pyrite lamina	BDG	44
A-18-147	433.32	433.33	0.01	Silt lamina	BDG	51
A-18-147	433.54	433.55	0.01	Cleavage	CLV	62
A-18-147	434.23	434.24	0.01	Deformed Silt lamina	BDG	60
A-18-147	434.25	434.26	0.01	Cleavage	CLV	64
A-18-147	434.61	434.62	0.01	Silt lamina	BDG	49
A-18-147	434.75	434.76	0.01	Deformed Silt lamina	BDG	46
A-18-147	434.91	434.92	0.01	Deformed Silt lamina	BDG	54
A-18-147	435.05	435.06	0.01	Cleavage	CLV	69
A-18-147	435.92	435.93	0.01	Dull brown pyrite lamina	BDG	55
A-18-147	436.16	436.36	0.2	W fold axis	FAW	71
A-18-147	436.45	436.46	0.01	Dull brown pyrite lamina	BDG	134
A-18-147	436.72	436.73	0.01	Dull brown pyrite lamina	BDG	45
A-18-147	436.86	436.87	0.01	Nodular Barite Lamina	BDG	56
A-18-147	436.94	436.95	0.01	Fold axis hinging down hole	FA-DOWN	70
A-18-147	437.11	437.12	0.01	Dull brown pyrite lamina	BDG	45
A-18-147	437.24	437.25	0.01	Cleavage	CLV	64
A-18-147	438.16	438.17	0.01	Cleavage	CLV	67
A-18-147	438.72	438.73	0.01	Dull brown pyrite lamina	BDG	57
A-18-147	438.74	438.76	0.02	S fold axis	FAS	70
A-18-147	438.83	438.84	0.01	Nodular Barite Lamina	BDG	62

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	438.94	438.95	0.01	Fold axis hinging up hole	FA-UP	72
A-18-147	439.02	439.03	0.01	Cleavage	CLV	65
A-18-147	439.1	439.11	0.01	Fold axis hinging up hole	FA-UP	85
A-18-147	439.22	439.23	0.01	Cleavage	CLV	56
A-18-147	439.47	439.48	0.01	Dull brown pyrite lamina	BDG	34
A-18-147	439.65	439.66	0.01	Silt lamina	BDG	37
A-18-147	440.11	440.12	0.01	Nodular Barite Lamina	BDG	61
A-18-147	440.16	440.17	0.01	Cleavage	CLV	62
A-18-147	440.25	440.26	0.01	S fold axis	FAS	69
A-18-147	440.34	440.35	0.01	Dull brown pyrite lamina	BDG	38
A-18-147	441.05	441.06	0.01	Cleavage	CLV	72
A-18-147	441.38	441.39	0.01	Dull brown pyrite lamina	BDG	60
A-18-147	441.47	441.48	0.01	Silt lamina	BDG	54
A-18-147	441.78	441.79	0.01	Cleavage	CLV	57
A-18-147	442.48	442.49	0.01	Cleavage	CLV	52
A-18-147	442.98	442.99	0.01	Silt lamina with brassy yellow pyrite	BDG	126
A-18-147	443.07	443.08	0.01	Silt lamina with brassy yellow pyrite	BDG	171
A-18-147	443.31	443.32	0.01	Silt lamina with brassy yellow pyrite	BDG	32
A-18-147	443.96	443.97	0.01	Dull brown pyrite lamina	BDG	162
A-18-147	444.11	444.12	0.01	Dull brown pyrite lamina	BDG	32
A-18-147	444.4	444.41	0.01	Silt lamina	BDG	44
A-18-147	444.44	444.46	0.02	S fold axis	FAS	51
A-18-147	444.5	444.51	0.01	Cleavage	CLV	22
A-18-147	445.42	445.43	0.01	Cleavage	CLV	53
A-18-147	445.64	445.65	0.01	Cleavage	CLV	50
A-18-147	446.83	446.84	0.01	Cleavage	CLV	47
A-18-147	447.05	447.06	0.01	Cleavage	CLV	44
A-18-147	447.2	447.21	0.01	Nodular Barite Lamina	BDG	14
A-18-147	447.3	447.31	0.01	Cleavage	CLV	56
A-18-147	447.44	447.45	0.01	Dull brown pyrite	BDG	24
A-18-147	447.58	447.59	0.01	Nodular Barite Lamina	BDG	31
A-18-147	447.64	447.67	0.03	S fold axis	FAS	55
A-18-147	447.73	447.74	0.01	Dull brown pyrite lamina	BDG	44
A-18-147	448.08	448.09	0.01	Cleavage	CLV	44
A-18-147	449.3	449.31	0.01	Cleavage	CLV	50
A-18-147	449.71	449.72	0.01	Silt lamina	BDG	34
A-18-147	450.02	450.03	0.01	Cleavage	CLV	37
A-18-147	450.53	450.54	0.01	Silt lamina	BDG	31
A-18-147	451.24	451.25	0.01	Cleavage	CLV	49
A-18-147	452.06	452.07	0.01	Silt Lamina	CLV	41
A-18-147	452.77	452.78	0.01	Fold axis hinging down hole	FA-DOWN	77
A-18-147	452.93	452.94	0.01	Silt lamina	BDG	18
A-18-147	453.13	453.14	0.01	Cleavage	CLV	48
A-18-147	453.53	453.54	0.01	Silt lamina	BDG	27

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	453.7	453.71	0.01	Cleavage	CLV	48
A-18-147	454.32	454.33	0.01	Silt lamina	BDG	28
A-18-147	454.88	454.89	0.01	Silt lamina	BDG	30
A-18-147	455.29	455.3	0.01	Cleavage	CLV	49
A-18-147	455.85	455.86	0.01	Cleavage	CLV	53
A-18-147	456.23	456.24	0.01	Silt lamina	BDG	25
A-18-147	456.54	456.55	0.01	Cleavage	CLV	49
A-18-147	457.17	457.18	0.01	Cleavage	CLV	43
A-18-147	457.35	457.36	0.01	Silt lamina	BDG	21
A-18-147	457.58	457.59	0.01	Silt lamina	BDG	15
A-18-147	458.66	458.67	0.01	Cleavage	CLV	35
A-18-147	459.25	459.26	0.01	Cleavage	CLV	26
A-18-147	459.35	459.36	0.01	Silt lamina	BDG	127
A-18-147	459.61	459.62	0.01	Cleavage	CLV	53
A-18-147	460.42	460.43	0.01	Cleavage	CLV	47
A-18-147	460.67	460.68	0.01	Cleavage	CLV	55
A-18-147	461.14	461.15	0.01	Cleavage	CLV	45
A-18-147	461.29	461.3	0.01	Cleavage	CLV	52
A-18-147	462.23	462.24	0.01	Cleavage	CLV	54
A-18-147	462.96	462.97	0.01	Cleavage	CLV	58
A-18-147	463.45	463.46	0.01	Cleavage	CLV	52
A-18-147	465.86	465.87	0.01	Cleavage	CLV	44
A-18-147	464.5	464.58	0.08	Fault zone with small rubble	FLT	
A-18-147	464.85	464.86	0.01	Cleavage	CLV	50
A-18-147	465.21	465.22	0.01	Cleavage	CLV	54
A-18-147	465.63	465.64	0.01	Silt lamina	BDG	58
A-18-147	466.06	466.07	0.01	Silt lamina	BDG	47
A-18-147	466.6	466.61	0.01	Silt lamina	BDG	50
A-18-147	466.68	466.69	0.01	Cleavage	CLV	51
A-18-147	467.27	467.28	0.01	Cleavage	CLV	57
A-18-147	467.34	467.35	0.01	Silt lamina	BDG	46
A-18-147	468.3	468.31	0.01	Cleavage	CLV	43
A-18-147	469.51	469.52	0.01	Cleavage	CLV	51
A-18-147	469.82	469.83	0.01	Silt lamina	BDG	51
A-18-147	470.93	470.94	0.01	Cleavage	CLV	49
A-18-147	471.87	471.88	0.01	Cleavage	CLV	51
A-18-147	472.21	472.22	0.01	Silt lamina	BDG	41
A-18-147	472.81	472.82	0.01	Cleavage	CLV	54
A-18-147	473.6	473.61	0.01	Silt lamina with brassy yellow pyrite	BDG	60
A-18-147	473.94	473.95	0.01	Silt lamina with brassy yellow pyrite	BDG	54
A-18-147	474.27	474.28	0.01	Cleavage	CLV	54
A-18-147	474.58	474.59	0.01	Cleavage	CLV	54
A-18-147	474.92	474.93	0.01	Cleavage	CLV	57
A-18-147	475.79	475.8	0.01	Cleavage	CLV	57

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	475.97	475.98	0.01	Cleavage	CLV	62
A-18-147	476.59	476.6	0.01	Cleavage	CLV	53
A-18-147	477.67	477.68	0.01	Cleavage	CLV	56
A-18-147	477.78	477.79	0.01	Silt lamina	BDG	49
A-18-147	478.47	478.48	0.01	Cleavage	CLV	56
A-18-147	479.01	479.02	0.01	Cleavage	CLV	54
A-18-147	479.777	479.78	0.003	Dull brown pyrite lamina	BDG	64
A-18-147	479.94	479.95	0.01	Dull brown pyrite lamina	BDG	75
A-18-147	480.2	480.21	0.01	Silt lamina	BDG	71
A-18-147	480.51	480.52	0.01	Cleavage	CLV	65
A-18-147	480.58	480.59	0.01	Nodular Barite Lamina	BDG	76
A-18-147	480.93	480.94	0.01	Cleavage	CLV	49
A-18-147	481.08	481.09	0.01	Dull brown pyrite lamina	BDG	79
A-18-147	481.68	481.69	0.01	Cleavage	CLV	57
A-18-147	481.93	481.94	0.01	Dull brown pyrite lamina	BDG	76
A-18-147	482.12	482.13	0.01	Dull brown pyrite lamina	BDG	12
A-18-147	482.29	482.3	0.01	Cleavage	CLV	53
A-18-147	483.32	483.33	0.01	Cleavage	CLV	54
A-18-147	483.67	483.68	0.01	Dull brown pyrite lamina	BDG	70
A-18-147	483.95	483.96	0.01	Cleavage	CLV	61
A-18-147	484.88	484.89	0.01	Cleavage	CLV	67
A-18-147	485.02	485.03	0.01	Dull brown pyrite lamina	BDG	49
A-18-147	485.11	485.12	0.01	Dull brown pyrite lamina	BDG	74
A-18-147	485.27	485.28	0.01	Cleavage	CLV	61
A-18-147	485.49	485.5	0.01	Dull brown pyrite lamina	BDG	77
A-18-147	486.03	486.04	0.01	Dull brown pyrite lamina	BDG	77
A-18-147	486.2	486.21	0.01	Cleavage	CLV	70
A-18-147	487.06	487.07	0.01	Cleavage	CLV	61
A-18-147	487.12	487.13	0.01	Dull brown pyrite lamina	BDG	76
A-18-147	487.53	487.57	0.04	Faulted area with small rubble	FLT	
A-18-147	487.66	487.67	0.01	Dull brown pyrite lamina	BDG	74
A-18-147	487.88	487.89	0.01	Dull brown pyrite lamina	BDG	77
A-18-147	488.04	488.05	0.01	Dull brown pyrite lamina	BDG	85
A-18-147	488.2	488.21	0.01	Sulphide lamina	BDG	70
A-18-147	488.36	488.37	0.01	Dull brown pyrite lamina	BDG	67
A-18-147	488.51	488.52	0.01	Cleavage	CLV	57
A-18-147	488.74	488.75	0.01	Nodular Barite Lamina	BDG	75
A-18-147	489.21	489.22	0.01	Cleavage	CLV	57
A-18-147	489.36	489.37	0.01	Cleavage	CLV	59
A-18-147	489.61	489.62	0.01	Nodular Barite Lamina	BDG	68
A-18-147	489.82	489.83	0.01	Cleavage	CLV	61
A-18-147	490.56	490.57	0.01	Cleavage	CLV	64
A-18-147	490.77	490.78	0.01	Cleavage	CLV	65
A-18-147	491.26	491.27	0.01	Cleavage	CLV	63

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	491.91	491.92	0.01	Cleavage	CLV	61
A-18-147	492.19	492.2	0.01	Cleavage	CLV	58
A-18-147	492.42	492.43	0.01	Silt lamina	BDG	54
A-18-147	492.7	492.71	0.01	Cleavage	CLV	64
A-18-147	493.33	493.34	0.01	Cleavage	CLV	60
A-18-147	493.61	493.62	0.01	Cleavage	CLV	61
A-18-147	494.4	494.41	0.01	Cleavage	CLV	63
A-18-147	494.86	494.87	0.01	Cleavage	CLV	58
A-18-147	495.05	495.06	0.01	Cleavage	CLV	64
A-18-147	495.12	495.13	0.01	Silt lamina	BDG	69
A-18-147	495.43	495.44	0.01	Silt lamina	BDG	66
A-18-147	495.56	495.9	0.34	Heavily faulted zone with significant fine rubble and poker chip fragments.	FLT	
A-18-147	495.94	495.95	0.01	Cleavage	CLV	65
A-18-147	496.39	496.4	0.01	Cleavage	CLV	63
	496.95	496.96	0.01	Cleavage	CLV	64
A-18-147	497.66	497.67	0.01	Cleavage	CLV	69
A-18-147	498.14	498.15	0.01	Cleavage	CLV	62
A-18-147	498.95	498.96	0.01	Cleavage	CLV	61
A-18-147	499.15	499.16	0.01	Cleavage	CLV	60
A-18-147	499.49	499.5	0.01	Silt lamination	BDG	65
A-18-147	499.52	499.53	0.01	Cleavage	CLV	64
A-18-147	499.59	499.73	0.14	Faulted area with poker chip fractures, slick surfaces, and rubble	FLT	
A-18-147	500.25	500.26	0.01	Cleavage	CLV	60
A-18-147	500.31	500.32	0.01	Cleavage	CLV	63
A-18-147	501	501.15	0.15	Heavily faulted area with angular chips, rubble, slick surfaces, and minor gauges	FLT	67
A-18-147	501.24	501.25	0.01	Silt bed	BDG	69
A-18-147	501.51	501.52	0.01	Cleavage	CLV	63
A-18-147	501.97	501.98	0.01	Cleavage	CLV	69
A-18-147	502.49	502.5	0.01	Cleavage	CLV	61
A-18-147	502.9	502.91	0.01	Cleavage	CLV	62
A-18-147	503.7	503.71	0.01	Cleavage	CLV	63
A-18-147	503.84	503.85	0.01	Silt lamina	BDG	52
A-18-147	504.39	504.4	0.01	Cleavage	CLV	61
A-18-147	505.12	505.13	0.01	Silt lamina	BDG	54
A-18-147	505.36	505.37	0.01	Cleavage	CLV	62
A-18-147	505.92	505.93	0.01	Cleavage	CLV	63
A-18-147	506.3	506.31	0.01	Cleavage	CLV	58
A-18-147	506.6	506.61	0.01	Cleavage	CLV	60
A-18-147	507.11	507.12	0.01	Cleavage	CLV	66
A-18-147	507.65	507.66	0.01	Cleavage	CLV	64
A-18-147	507.86	507.87	0.01	Cleavage	CLV	66

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	508.69	508.7	0.01	Cleavage	CLV	62
A-18-147	508.94	508.95	0.01	Cleavage	CLV	66
A-18-147	509.66	509.98	0.32	Heavily faulted area with angular rubble, small dust, and slick gouged surfaces at 509.90. Prior 20cm showing increased fracturing	FLT	
A-18-147	510.86	510.87	0.01	Cleavage (poorly defined)	CLV	53
A-18-147	510.97	510.98	0.01	Nodular barite lamina	BDG	69
A-18-147	512.04	512.05	0.01	Cleavage	CLV	36
A-18-147	512.74	512.75	0.01	Cleavage	CLV	55
A-18-147	512.89	512.9	0.01	Cleavage	CLV	49
A-18-147	513.06	513.07	0.01	Cleavage	CLV	47
A-18-147	513.38	513.39	0.01	Dull brown deformed pyrite lamina	BDG	65
A-18-147	513.89	513.9	0.01	Cleavage (poorly defined)	CLV	32
A-18-147	514.44	514.71	0.27	Highly fractured fault zone with angular rubble, brittle deformationm and development of slick surfaces	FLT	
A-18-147	514.94	514.95	0.01	Cleavage	CLV	55
A-18-147	515.05	515.06	0.01	Cleavage	CLV	57
A-18-147	516.03	516.04	0.01	Cleavage (poorly defined)	CLV	31
A-18-147	516.88	516.89	0.01	Cleavage (poorly defined)	CLV	51
A-18-147	517.55	517.65	0.1	Highly fractured fault zone of angular rubble	FLT	
A-18-147	517.78	517.79	0.01	Cleavage	CLV	71
A-18-147	518.59	518.6	0.01	Silt bedding	BDG	86
A-18-147	519.12	519.13	0.01	Cleavage	CLV	57
A-18-147	519.38	519.39	0.01	Cleavage	CLV	42
A-18-147	520.04	520.05	0.01	Silt bedding	BDG	91
A-18-147	520.51	520.52	0.01	Silt bedding	BDG	87
A-18-147	521.07	521.08	0.01	Silt bedding	BDG	93
A-18-147	521.13	521.14	0.01	Cleavage	CLV	65
A-18-147	521.51	521.52	0.01	Silt bedding	BDG	84
A-18-147	522.44	522.45	0.01	Silt bedding	BDG	91
A-18-147	522.77	522.78	0.01	Cleavage	CLV	57
A-18-147	523.26	523.27	0.01	Silt bedding	BDG	96
A-18-147	523.43	523.54	0.11	Faulted area with angular brittle rubble,	FLT	
A-18-147	523.85	523.86	0.01	Silt bedding	BDG	95
A-18-147	524.09	524.1	0.01	Cleavage	CLV	53
A-18-147	524.5	524.51	0.01	Silt bedding	BDG	104
A-18-147	524.87	524.88	0.01	Silt bedding	BDG	94
A-18-147	524.99	525.08	0.09	Faulted area with small angular rubble and slick surfaces	FLT	90
A-18-147	525.14	525.15	0.01	Cleavage (poorly defined)	CLV	81
A-18-147	525.38	525.39	0.01	Silt bedding	BDG	110
A-18-147	525.56	525.57	0.01	Cleavage	CLV	80
A-18-147	526.13	526.14	0.01	Silt bedding	BDG	116
A-18-147	526.59	526.6	0.01	Cleavage	CLV	57

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-147	526.72	526.73	0.01	Cleavage	CLV	52
A-18-147	526.98	526.99	0.01	Cleavage	CLV	61
A-18-147	527.23	527.24	0.01	Silt bedding	BDG	109
A-18-147	527.81	527.82	0.01	Silt bedding	BDG	100
A-18-147	528.42	528.43	0.01	Silt bedding	BDG	106
A-18-147	528.71	528.72	0.01	Cleavage	CLV	54
A-18-147	528.85	528.86	0.01	Wavy silt bedding	BDG	105
A-18-147	528.93	528.94	0.01	Cleavage	CLV	49
A-18-147	529.65	529.66	0.01	Silt bedding	BDG	95
A-18-147	529.72	529.73	0.01	Silt bedding	BDG	113
A-18-147	530.07	530.08	0.01	Cleavage	CLV	44
A-18-147	530.8	530.81	0.01	Silt bedding	BDG	95
A-18-147	531.21	531.22	0.01	Cleaavage	CLV	55
A-18-147	531.62	531.63	0.01	Silt bedding	BDG	84
A-18-147	531.76	531.77	0.01	Cleavage	CLV	56
A-18-147	532.24	532.25	0.01	Cleavage	CLV	61
A-18-147	532.53	532.54	0.01	Silt bedding	BDG	94
A-18-147	532.62	532.63	0.01	Small scale sinstral fault	FLT	27
A-18-147	532.84	532.85	0.01	Silt bedding	BDG	94
A-18-147	532.98	532.99	0.01	Cleavage	CLV	55
A-18-147	533.41	533.42	0.01	Silt bedding	BDG	93
A-18-147	533.84	533.85	0.01	Cleavage	CLV	49
A-18-147	533.88	533.89	0.01	Silt bedding	BDG	65
A-18-147	534.18	534.19	0.01	Silt bedding	BDG	76
A-18-147	534.28	534.29	0.01	Silt bedding	BDG	46
A-18-147	534.35	534.36	0.01	Cleavage	CLV	48
A-18-147	534.61	534.62	0.01	Wavy silt bedding	BDG	99
A-18-147	535.22	535.23	0.01	Silt bedding	BDG	76

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-18-147	0.00		51	-82		Collar	Yes	
A-18-147	11.28	32.4	50.9	-80.6	5739	Reflex	Yes	
A-18-147	57.00	26.1	44.6	-76.1	5689	Reflex	Yes	
A-18-147	90.53	26	44.5	-73.5	5689	Reflex	Yes	
A-18-147	117.96	23.5	42	-71.9	5687	Reflex	Yes	
A-18-147	151.49	22.5	41	-70.6	5694	Reflex	Yes	
A-18-147	181.97	19.9	38.4	-68.7	5691	Reflex	Yes	
A-18-147	209.40	19.1	37.6	-67.1	5691	Reflex	Yes	
A-18-147	258.17	16.8	35.3	-64.3	5692	Reflex	Yes	
A-18-147	276.52	16.4	34.9	-62.2	5690	Reflex	Yes	
A-18-147	303.89	15.5	34	-60.3	5691	Reflex	Yes	
A-18-147	328.27	14.5	33	-53.8	5694	Reflex	Yes	
A-18-147	331.32	15.5	34	-53.7	5688	Reflex	Yes	
A-18-147	361.80	14.5	33	-50.6	5689	Reflex	Yes	
A-18-147	392.28	13.3	31.8	-47.5	5686	Reflex	Yes	
A-18-147	431.91	14.4	32.9	-46.5	5684	Reflex	Yes	
A-18-147	462.39	15.6	34.1	-45.5	5689	Reflex	Yes	
A-18-147	486.77	15.8	34.3	-44.6	5683	Reflex	Yes	
A-18-147	508.10	17.2	35.7	-44	5689	Reflex	Yes	
A-18-147	529.44	16.7	33.2	-43.3	5681	Reflex	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-147	3.05	5.18	2.13	1.26	59.15	0.16	7.51						
A-18-147	5.18	8.23	3.05	2.50	81.97	0.6	19.67						
A-18-147	8.23	11.28	3.05	1.87	61.31	0.29	9.51	1					1
A-18-147	11.28	14.33	3.05	2.26	74.10	0.78	25.57						
A-18-147	14.33	17.37	3.04	2.67	87.83	1.28	42.11						
A-18-147	17.37	20.42	3.05	2.81	92.13	1.3	42.62						
A-18-147	20.42	23.47	3.05	2.56	83.93	0.78	25.57						
A-18-147	23.47	26.52	3.05	2.34	76.72	0.60	19.67						
A-18-147	26.52	29.57	3.05	2.24	73.44	0.72	23.61						
A-18-147	29.57	32.61	3.04	2.38	78.29	0.52	17.11						
A-18-147	32.61	35.66	3.05	2.07	67.87	0.1	3.28						
A-18-147	35.66	38.71	3.05	2.04	66.89	0.31	10.16						
A-18-147	38.71	41.76	3.05	2.17	71.15	0.32	10.49	1					1
A-18-147	41.76	44.81	3.05	1.96	64.26	0.23	7.54						
A-18-147	44.81	47.85	3.04	2.27	74.67	0.45	14.80						
A-18-147	47.85	50.90	3.05	2.04	66.89	0.38	12.46						
A-18-147	50.90	53.95	3.05	2.22	72.79	0	0.00						
A-18-147	53.95	57.00	3.05	2.43	79.67	0.41	13.44						
A-18-147	57.00	60.05	3.05	2.38	78.03	0.47	15.41	1					1
A-18-147	60.05	63.09	3.04	2.81	92.43	1.45	47.70						
A-18-147	63.09	66.14	3.05	2.35	77.05	0.57	18.69	1				1	
A-18-147	66.14	69.19	3.05	2.46	80.66	1.69	55.41						
A-18-147	69.19	72.24	3.05	2.46	80.66	1.33	43.61						
A-18-147	72.24	75.29	3.05	2.22	72.79	0.76	24.92						
A-18-147	75.29	78.33	3.04	2.14	70.39	0.1	3.29						
A-18-147	78.33	81.38	3.05	2.55	83.61	0.94	30.82						
A-18-147	81.38	84.43	3.05	2.40	78.69	0.57	18.69						
A-18-147	84.43	87.48	3.05	2.20	72.13	0.40	13.11						
A-18-147	87.48	90.53	3.05	2.67	87.54	1.65	54.10						
A-18-147	90.53	93.57	3.04	2.01	66.12	0.53	17.43						
A-18-147	93.57	96.62	3.05	2.76	90.49	1.62	53.11						
A-18-147	96.62	99.67	3.05	2.89	94.75	1.56	51.15						
A-18-147	99.67	102.72	3.05	2.81	92.13	1.36	44.59						
A-18-147	102.72	105.77	3.05	3.04	99.67	2.34	76.72						
A-18-147	105.77	108.81	3.04	2.71	89.14	1.61	52.96						
A-18-147	108.81	111.86	3.05	2.75	90.16	1.92	62.95	1					1
A-18-147	111.86	114.91	3.05	2.45	80.33	1.16	38.03	1					1
A-18-147	114.91	117.96	3.05	3.04	99.67	2.53	82.95						
A-18-147	117.96	121.01	3.05	2.97	97.38	2.65	86.89						
A-18-147	121.01	124.05	3.04	2.69	88.49	1.46	48.03						
A-18-147	124.05	127.10	3.05	2.82	92.46	2.43	79.67	1					1
A-18-147	127.10	130.15	3.05	2.60	85.25	1.2	39.34						
A-18-147	130.15	133.20	3.05	3.00	98.36	1.63	53.44						
A-18-147	133.20	136.25	3.05	2.48	81.31	1.30	42.62	4					1
A-18-147	136.25	139.29	3.04	2.70	88.82	2.04	67.11						
A-18-147	139.29	142.34	3.05	2.66	87.21	0.94	30.82						
A-18-147	142.34	145.39	3.05	2.95	96.72	2.19	71.80						
A-18-147	145.39	148.44	3.05	2.67	87.54	2.11	69.18	1				1	
A-18-147	148.44	151.49	3.05	2.62	85.90	1.19	39.02						
A-18-147	151.49	154.53	3.04	2.89	95.07	0.98	32.24	6		5	1		
A-18-147	154.53	157.58	3.05	2.77	90.82	1.29	42.30						
A-18-147	157.58	160.63	3.05	2.27	74.43	0.3	9.84	1		1			

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-147	160.63	163.68	3.05	2.61	85.57	0.79	25.90						
A-18-147	163.68	166.73	3.05	2.87	94.10	2.01	65.90						
A-18-147	166.73	169.77	3.04	2.83	93.09	2.21	72.70						
A-18-147	169.77	172.82	3.05	2.90	95.08	1.36	44.59						
A-18-147	172.82	175.87	3.05	2.92	95.74	2.64	86.56						
A-18-147	175.87	178.92	3.05	3.00	98.36	2.53	82.95						
A-18-147	175.87	178.92	3.05	3.00	98.36	2.53	82.95						
A-18-147	178.92	181.97	3.05	2.59	84.92	1.29	42.30						
A-18-147	181.97	185.01	3.04	2.68	88.16	1.71	56.25						
A-18-147	185.01	188.06	3.05	2.66	87.21	1.74	57.05						
A-18-147	188.06	191.11	3.05	2.88	94.43	2.19	71.80						
A-18-147	191.11	194.16	3.05	1.96	64.26	0.2	6.56						
A-18-147	194.16	197.21	3.05	2.42	79.34	0.43	14.10						
A-18-147	197.21	200.25	3.04	2.37	77.96	0.61	20.07						
A-18-147	200.25	203.30	3.05	3.05	100.00	2.16	70.82						
A-18-147	203.30	206.35	3.05	2.65	86.89	1.76	57.70						
A-18-147	206.35	209.40	3.05	2.89	94.75	2.68	87.87						
A-18-147	209.40	212.45	3.05	2.87	94.10	2.27	74.43						
A-18-147	212.45	215.49	3.04	2.74	90.13	2.35	77.30						
A-18-147	215.49	218.54	3.05	2.64	86.56	1.86	60.98						
A-18-147	218.54	221.59	3.05	3.05	100.00	2.33	76.39	1					1
A-18-147	221.59	224.64	3.05	2.83	92.79	2.19	71.80						
A-18-147	224.64	227.69	3.05	2.76	90.49	1.88	61.64						
A-18-147	227.69	230.73	3.04	2.73	89.80	2.17	71.38						
A-18-147	230.73	233.78	3.05	2.72	89.18	1.96	64.26						
A-18-147	233.78	236.83	3.05	2.73	89.51	1.13	37.05						
A-18-147	236.83	239.88	3.05	2.70	88.52	1.37	44.92						
A-18-147	239.88	242.93	3.05	2.74	89.84	0.51	16.72						
A-18-147	242.93	245.97	3.04	2.85	93.75	1.42	46.71						
A-18-147	245.97	249.02	3.05	2.94	96.39	1.22	40.00						
A-18-147	249.02	252.07	3.05	2.86	93.77	1.87	61.31						
A-18-147	252.07	255.12	3.05	2.74	89.84	1.31	42.95						
A-18-147	255.12	258.17	3.05	2.87	94.10	1.37	44.92						
A-18-147	258.17	261.21	3.04	2.73	89.80	1.63	53.62						
A-18-147	261.21	264.26	3.05	2.83	92.79	1.35	44.26	2			1		1
A-18-147	264.26	267.31	3.05	2.91	95.41	0.24	7.87						
A-18-147	267.31	270.36	3.05	3.08	100.98	0.93	30.49	1					1
A-18-147	270.36	273.41	3.05	2.56	83.93	0.33	10.82						
A-18-147	273.41	276.45	3.04	2.77	91.12	1.08	35.53	2			1		1
A-18-147	276.45	279.50	3.05	2.25	73.77	0.2	6.56	1			1		
A-18-147	279.50	282.55	3.05	2.72	89.18	0.91	29.84	7	5		1	1	
A-18-147	282.55	285.60	3.05	2.88	94.43	1.8	59.02	6	4		2		
A-18-147	285.60	288.65	3.05	2.80	91.80	0.91	29.84	12	11			1	
A-18-147	288.65	291.69	3.04	2.96	97.37	2.14	70.39	4	4				
A-18-147	291.69	294.74	3.05	2.86	93.77	1.05	34.43	12	6		4	1	1
A-18-147	294.74	297.79	3.05	3.12	102.30	1.57	51.48						
A-18-147	297.79	300.84	3.05	2.76	90.49	1.2	39.34						
A-18-147	300.84	303.89	3.05	2.89	94.75	1.1	36.07						
A-18-147	303.89	306.93	3.04	2.95	97.04	1.85	60.86						
A-18-147	306.93	309.98	3.05	2.88	94.43	1.95	63.93						
A-18-147	309.98	313.03	3.05	3.00	98.36	2.78	91.15						
A-18-147	313.03	316.08	3.05	2.93	96.07	2.71	88.85						

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-147	316.08	319.13	3.05	3.04	99.67	2.44	80.00						
A-18-147	319.13	322.17	3.04	3.02	99.34	1.79	58.88	1				1	
A-18-147	322.17	325.22	3.05	2.68	87.87	1.99	65.25						
A-18-147	325.22	328.27	3.05	2.95	96.72	1.22	40.00						
A-18-147	328.27	331.32	3.05	2.93	96.07	2.19	71.80	2	1	1			
A-18-147	331.32	334.37	3.05	2.92	95.74	1.52	49.84	3	2			1	
A-18-147	334.37	337.41	3.04	2.93	96.38	1.51	49.67	8	4		3		1
A-18-147	337.41	340.46	3.05	3	98.36	1.13	37.05	6	4	2			
A-18-147	340.46	343.51	3.05	2.94	96.39	1.38	45.25	1	1				
A-18-147	343.51	346.56	3.05	2.9	95.08	1.21	39.67	6	4	1	1		
A-18-147	346.56	349.61	3.05	2.99	98.03	1.11	36.39	1				1	
A-18-147	349.61	352.65	3.04	2.88	94.74	1.41	46.38	2				2	
A-18-147	352.65	355.70	3.05	3.01	98.69	2.43	79.67	6	5		1		
A-18-147	355.70	358.75	3.05	3.09	101.31	1.76	57.70	5	3		2		
A-18-147	358.75	361.80	3.05	2.94	96.39	1.88	61.64	2					
A-18-147	361.80	364.85	3.05	2.97	97.38	1.08	35.41	3	2		1		
A-18-147	364.85	367.89	3.04	3.18	104.61	2.32	76.32	13	11		2		
A-18-147	367.89	370.94	3.05	2.93	96.07	1.91	62.62	4	1		2	1	
A-18-147	370.94	373.99	3.05	3.06	100.33	2.57	84.26	21	15	1	2	2	1
A-18-147	373.99	377.04	3.05	2.98	97.70	2.34	76.72	2	2				
A-18-147	377.04	380.09	3.05	3.08	100.98	2.14	70.16	10	6		3	1	
A-18-147	380.09	383.13	3.04	2.75	90.46	2.53	83.22	5	5				
A-18-147	383.13	386.18	3.05	3.03	99.34	2.00	65.57	4	1	2	1		
A-18-147	386.18	389.23	3.05	2.9	95.08	2.47	80.98	3	3				
A-18-147	389.23	392.28	3.05	2.88	94.43	1.92	62.95	3	3				
A-18-147	392.28	395.33	3.05	3	98.36	1.06	34.75	1	1				
A-18-147	395.33	398.37	3.04	2.91	95.72	1.72	56.58	6	6				
A-18-147	398.37	401.42	3.05	3.06	100.33	1.40	45.90						
A-18-147	401.42	404.47	3.05	3.01	98.69	1.93	63.28	16	8	4	3	1	
A-18-147	404.47	407.52	3.05	2.9	95.08	1.45	47.54	16	16				
A-18-147	407.52	410.57	3.05	2.99	98.03	2.11	69.18	5			2	3	
A-18-147	410.57	413.61	3.04	2.98	98.03	2.23	73.36	2	1				1
A-18-147	413.61	416.66	3.05	2.91	95.41	1.41	46.23	11	11				
A-18-147	416.66	419.71	3.05	2.84	93.11	1.36	44.59	4	4				
A-18-147	419.71	422.76	3.05	2.97	97.38	1.29	42.30						
A-18-147	422.76	425.81	3.05	2.92	95.74	1.95	63.93	9	8				1
A-18-147	425.81	428.85	3.04	3.05	100.33	2.49	81.91	10	8	1	1		
A-18-147	428.85	431.90	3.05	2.93	96.07	2.16	70.82	5	4				1
A-18-147	431.90	434.95	3.05	3.04	99.67	2.10	68.85	7	3	4			
A-18-147	434.95	438.00	3.05	3.03	99.34	2.18	71.48						
A-18-147	438.00	441.05	3.05	3	98.36	2.78	91.08	1				1	
A-18-147	441.05	444.09	3.04	2.94	96.71	2.92	96.05	42	40	1		1	
A-18-147	444.09	447.14	3.05	3.03	99.34	2.81	92.13	2	1		1		
A-18-147	447.14	450.19	3.05	2.88	94.43	1.69	55.41	4		1	3		
A-18-147	450.19	453.24	3.05	3.19	104.59	3.13	102.62	38	38				
A-18-147	453.24	456.29	3.05	3	98.36	2.59	84.92	11	4	5	2		
A-18-147	456.29	459.34	3.05	2.87	94.10	1.82	59.67	2	1	1			
A-18-147	459.34	462.38	3.04	2.97	97.70	1.57	51.64	1		1			
A-18-147	462.38	465.43	3.05	2.88	94.43	2.18	71.48	2		2			
A-18-147	465.43	468.48	3.05	2.9	95.08	2.45	80.33	4			4		
A-18-147	468.48	471.53	3.05	3.03	99.34	1.71	56.07	2				2	
A-18-147	471.53	474.58	3.05	3.18	104.26	2.38	78.03	3		1		2	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-147	474.58	477.62	3.04	3.04	100.00	2.74	90.13						
A-18-147	477.62	480.67	3.05	3.1	101.64	3.1	101.64	1			1		
A-18-147	480.67	483.72	3.05	2.8	91.80	2.56	83.93	32	25	4	2		1
A-18-147	483.72	486.77	3.05	2.92	95.74	2.25	73.77	21	16	2	1	2	
A-18-147	486.77	489.82	3.05	2.97	97.38	1.66	54.43	71	63	7	1		
A-18-147	489.82	492.86	3.04	3.11	102.30	2.03	66.78						
A-18-147	492.86	495.91	3.05	3.03	99.34	1.78	58.36	2				1	1
A-18-147	495.91	498.96	3.05	2.85	93.44	1.35	44.26	1					1
A-18-147	498.96	502.01	3.05	2.81	92.13	0.77	25.25						
A-18-147	502.02	505.06	3.04	3	98.68	1.24	40.79	1		1			
A-18-147	505.06	508.10	3.04	3.04	100.00	1.47	48.36						
A-18-147	508.1	511.15	3.05	2.7	88.52	0.98	32.13	1	1				
A-18-147	511.15	514.20	3.05	2.96	97.05	1.59	52.13						
A-18-147	514.2	517.25	3.05	2.81	92.13	1.16	38.03						
A-18-147	517.25	520.29	3.04	3	98.68	1.09	35.86						
A-18-147	520.29	523.34	3.05	3.03	99.34	2.97	97.38						
A-18-147	523.34	526.39	3.05	2.95	96.72	2.29	75.08						
A-18-147	526.39	529.44	3.05	2.96	97.05	2.21	72.46						
A-18-147	529.44	532.49	3.05	3.02	99.02	0.92	30.16						
A-18-147	532.49	535.53	3.04	2.97	97.70	2.83	93.09						

	AKIE LITHOLOGY LEGEND			
LITHO CODE	**GROUP/FORMATION**	DESCRIPTION		
CS		CASING		
911		Missing core		VAN18002153
;	**WARNEFORD FORMATION**	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.		VAN18002153
				VAN18002153
3SH	**AKIE FORMATION**	Shale		VAN18002153
3RB	**AKIE FORMATION**	Ribbon Bedded Cherts?	Poorly Defined	VAN18002153
3BX	**AKIE FORMATION**	Breccia	Poorly Defined	VAN18002153
3SS	**AKIE FORMATION**	Sandstone	Poorly Defined	VAN18002153
3DSH	**AKIE FORMATION**	Medium/dark grey to black, moderately soft mudstone with wispy, discontinuous, well laminated, fine pyrite		VAN18002153
3BDSH	**AKIE FORMATION**	Black to dark grey, bedded shale with beds convoluted and pinching and swelling at variable orientations TCA.		VAN18002153
3SH	**AKIE FORMATION**	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.		VAN18002153
				VAN18002153
4SH	**GUNSTEEL FORMATION**	Black, graphitic shales with disseminated vfg pyrite		VAN18002153
4SS	**GUNSTEEL FORMATION**	Dark grey to black fg siltstones		VAN18002153
4FSH	**GUNSTEEL FORMATION**	Fragmental shale with variably sized fragments and clasts composed of shale, siltstone, etc.		VAN18002153
4PYSH	**GUNSTEEL FORMATION**	Laminated pyrite with nodular Barite beds interbedded with black shales		VAN18002153
4BSH	**GUNSTEEL FORMATION**	Nodular barite beds interbedded with black shales and weak-very weak laminated pyrite.		VAN18002153
4MBSH	**GUNSTEEL FORMATION**	Laminated to Massive bedded barite with minor nodular barite		VAN18002153
4CSH	**GUNSTEEL FORMATION**	Laminated chert beds interbedded with black shales		VAN18002153
4MPSH	**GUNSTEEL FORMATION**	Bedded Pyrite with minor Sp and Pb interbedded with black shales		VAN18002153
4CC	**GUNSTEEL FORMATION**	Laminated massive sulphides of steel grey to amber sphalerite, galena and pyrite interbedded with black shales		VAN18002153
4MS	**Gunsteel Formation**	Semi-massive to crudely layered sulphide lens		VAN18002153
4LPSH	**Gunsteel Formation**	Laminar bedded Pyrite, irregular concretions, and interbedded shale		VAN18002153
4LBSH	**Gunsteel Formation**	Nodular to Laminar bedded Barite, irregular concretions, and interbedded shale		VAN18002153
				VAN18002153

AKIE LITHOLOGY LEGEND

5SS	**Paul River Formation**	Black, carbonaceous to siliceous argillite interbedded with abundant light grey calcareous siltstones & debris flow beds.	VAN18002153
5SH	**Paul River Formation**	Black, carbonaceous to siliceous mudstone/shale interbedded with pyritic siltstone beds to abundant debris flow beds.	VAN18002153
5LS	**Paul River Formation**	Non fossiliferous limestone	VAN18002153
5BLS	**Paul River Formation**	Fossiliferous, bioclastic limestone	VAN18002153
5BXLS	**Paul River Formation**	Brecciated limestone, or a debris flow containing limestone, siltstone and or shale fragments	VAN18002153
			VAN18002153
			VAN18002153
6SS	**ROAD RIVER GROUP**	Siltstone	VAN18002153
6CSS	**ROAD RIVER GROUP**	Generally well beddded calcareous to dolomitic siltstone	
			VAN18002153
6SH	**ROAD RIVER GROUP**	Shale/mudstones	VAN18002153
6LS	**ROAD RIVER GROUP**	Limestone	VAN18002153
			VAN18002153
7SH	**ROAD RIVER GROUP**	Black Graptolitic Shale	VAN18002153
			VAN18002153
STRUCTURES			VAN18002153
FOL		Foliation plane	VAN18002153
BDG		Bedding plane	VAN18002153
FLT		Fault	VAN18002153
BRX		Breccia	VAN18002153
FA		Fold Axis-general	VAN18002153
FA-UP		Fold Axis-Hinge Uphole	VAN18002153
FA-Down		Fold Axis-Hinge Downhole	VAN18002153
FA-Z		Fold Axis in apparent z fold	VAN18002153
FA-S		Fold Axis in apparent s fold	VAN18002153
FA-W		Fold Axis in apparent w fold	VAN18002153
FA-M		Fold Axis in apparent m fold	VAN18002153
CLV		Cleavage	VAN18002153
T-UP		Topping direction uphole	VAN18002153
T-DOWN		Topping direction downhole	VAN18002153
			VAN18002153
ALTERATION			VAN18002153
SILC		Siliceous alteration	VAN18002153
CARB		Carbonate alteration (present in the form of calcite or abundant carbonate veining (stringers and veinlets)	VAN18002153
			VAN18002153
GROUP & FORMATION			VAN18002153
WRF	**WARNEFORD FORMATION**		VAN18002153
AKF	**AKIE FORMATION**		VAN18002153
GSF	**GUNSTEEL FORMATION**		VAN18002153
PRF	**PAUL RIVER FORMATION**		VAN18002153
RRG	**ROAD RIVER GROUP**		VAN18002153

Akie Property

Drill Hole # A-18-148

Date	22-Aug-18	Logger	C. Fish

Collar Orientation

Proposed	
Azimuth	50
Dip	-75
Length (m)	775m

Actual	
Azimuth	48
Dip	-65.3
Length (m)	721.46m

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6362068
Easting (m)	386247
Elevation (m)	1584
Grid Section	375S

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ
Date Started	22-Jul-18
Date Completed	21-Aug-18
Capped	Yes
Casing	Yes
Drilled Units	Imperial (converted to metric)

Goal: Drilling on the NW Extension.

Comments: Magnetic declination is 18.5 degrees for 2018. Offset in blocks at 669.65m due to one foot stick up. One piece of casing left in hole with casing cap on top.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0.00	50	-65.3
23.47	48.8	-66.2
53.95	47.9	-64.3
99.67	45.9	-64.8
139.29	57.1	-65.4
178.92	45.9	-64.9
221.59	42.9	-64.5
227.69	43.6	-63.9
255.73	44.4	-63.5
282.55	40.7	-61.4
313.03	39.4	-60.7
343.51	37.9	-58.4
373.99	35.9	-56.8
413.62	36.1	-56.4
444.10	34.8	-55.4
474.60	35.3	-54.7
505.05	34.1	-53.5
535.54	35.7	-53.8
569.06	35.3	-51.9
614.78	36.5	-50
660.51	37.9	-49.3

Drill hole A-18-148 was collared into black weakly graptolitic Ordivician shale of the Road River Group which grades down sequence into Road River interbedded limestone and then into densely laminated to massive Road River siltstone with interbedded black, moderately soft mudstone. Silt stone displayed shearing textures before approaching a large fault zone and transitioning into footwall rocks of Akie formation soapy massive black moderately hard shale.

Gunsteel unit begins at 256.53m and at 301.50 after a minor zone of disrupted silty shale, hole undergoes 291m of consistent and weak distal mineralization in which interval alternated from large beds of near laminar nodular barite to large beds of densely laminated pyrite. Mineralization is only disrupted by shale interbeds on the order of a few meters, small cherty shale beds or one unit of fragmented shale.

Mineralization continues until 588.58m, where laminar dull brown pyrite disappears, and unit grades into Paul River shale through a minor fragmental unit. The Paul River Formation shale with interbedded sandy chert continues until 625.18m, where a minor debris flow with sub-rounded limestone entrained separates Paul River rocks from Road River Group silt stone which begins at 626.07m and continues until EOH.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	0.00	22.95	22.95	CS	Casing/Overburden	CS		CS
A-18-148	22.95	54.12	31.17	Black graptolitic siliceous shale	Incompetent massive, black siliceous shale with v.f.g. disseminated brassy yellow pyrite and minor graptolite fossils (47.98m). Veins of quartz carbonate +/- course grained brassy yellow pyrite intersect shale regularly and vary from hairline to 5mm. Beginning at ~41.50m, veins contain coarse grain pyrobitumen. Very calcareous beds of silt with light grey silt laminations are interbedded sparsely throughout (e.g. ~33.5m to ~34.8). From 50.90m, a 5cm wide carbonate vein intersects the unit followed immediately by a 12cm wide interbed of siliceous limestone with discontinuous carbonate hairline veins. From approximately 53.00m onward, shale becomes increasingly calcareous until it approaches contact into next unit, which is denoted by a distinct colour change into light grey at the end of a large significantly faulted zone.	7SH		RRG
A-18-148	54.12	109.07	54.95	Regularly bedded grey limestone with planar interbedded light grey silt and black mudstone	Generally incompetent interbedded light grey/blue massive limestone, light grey calcareous silt, dark grey weakly calcareous mudstone and +/- laminations of brassy yellow pyrite with v.f.g. brassy yellow pyrite disseminated throughout. Beds vary in thickness from very thin laminations to large beds on the order of 10's of cms. (e.g. large shale interbed at 57.40 to 58.92m, and large limestone bed at 68.96 to 69.37m) Beds are generally planar and display graded bedding. From beginning of interval until 55.8m are light grey tightly bedded laminations of significantly calcareous siltstone and larger interbeds of shale indicating a gradational hybrid contact with the previous shale unit. From 55.8m to 64.69m the interval is intersected by a large-scale veining complex in which Qtz-carbonate +/- brassy yellow pyrite veins range from concentrated discontinuous hairline veins oriented generally at 145 degrees TCA to infrequent, thick ~10cm massive veins with irregular margins and orientation varying from 50 to 120 degrees TCA. From 55.06m to 55.17m, intersects a large qtz-carbonate vein at an orientation of approximately 35 degrees TCA with brecciated margins, entraining some host rock within the vein. From 55.17m onward, thinly interlaminated limestone is silicified and contains fractures regularly throughout that are oriented subparallel to cleavage. Brassy yellow pyrite stringers infill limestone fractures from 55.65m to 57.32m. From 64.09m to 64.69m interbedded limestone, and calcareous silt stone and shale are significantly brecciated with quartz-carbonate +/- pyrobitumen veins.	7LS		RRG
A-18-148			0.00	Continued	Beginning at 64.69m, the brecciated veining complex ends, core becomes slightly more competent and interbeds of calcareous silt stone, mudstone and limestone become more planar, distinct, and regular. Bedding is remarkably consistent between 45 degrees and 50 degrees TCA from 64.50m to 96.65m. Discontinuous hairline qtz/carbonate/pyrite veining greatly decreases and is rare but has a general orientation of 160 degrees TCA. Interval is generally incompetent and displays graphitic surfaces on cleavage planes until 64.69m. Moving downhole, mudstone interbeds become less frequent. Qtz-carbonate +/- brassy yellow pyrite veining begins to intersect the unit frequently again at 104.43m and is characterised by hairline to 3cm veins with general orientation subparallel to cleavage. Veins are irregular, anastomosing, and are generally brecciated with fragments of host rock entrained within. Throughout interval are large scale fault gauge areas (e.g. 58.02m 85.96m, 97.00m) and the entire unit can be considered as faulted (INTERP: entire unit is part of larger scale fault zone). Bottom of the unit is vague and distinguished by a large scale fault as well as the presence of consistent planar lamina, and lack of carbonate.			
A-18-148	109.07	253.00	143.93	Interlaminated Ordovician siltstone	Light grey planar thinly laminated and weakly calcareous silt stone with very thin black interlaminations of shale/mudstone and minor v.f.g. brassy yellow pyrite laminations (e.g. 153.40m, 214.76m). Siltstone laminations alternate between planar and bioturbated, and are generally consistently bedded subparallel to bedding with instances of mild internal deformation associated with faulting and veining (e.g.148.75). Beginning of unit until 125.32m is heavily faulted and consists of almost entirely gouge and small blocky angular fragments. Unit is generally incompetent until 163.90m, where faulted zones decrease in size. Rubble is near black in colour, and any remnant larger fragments display planar laminations of silt and mud, mild internal deformation, qtz-carbonate-coarse grained brassy yellow pyrite veins, and interlaminations of limestone indicating a gradational contact between the two. Some areas in fault gouge area show organic material (e.g. 114.91m), and remnant cleavage faces are graphitic. Siltstone regularly alternates between light grey silt dominated segments and dark grey mud dominated intervals (transition zones e.g. 125.57, 155.7m).	7SS		RRG

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148			0.00	Continued	Qtz-carb veins intersect unit regularly creating large brecciated intervals (e.g. 140.04m, 236.36m), as well as regularly intersecting as hairline to 6mm massive planar veins with orientations varying from subparallel to cleavage to 160 Degrees TCA. Sparsely distributed throughout the unit from 139.21m onward are brassy yellow pyrite nodules ranging from 1mm to 3cm with quartz +/- carbonate pressure shadows. Moving further down unit, nodules become smaller, and more frequent. Pyrite nodules can concentrate in one bedding plane and shadows appear more massive. A secondary cleavage begins to develop at 188.06m, generally orthogonal to primary cleavage (approximately 130 degrees TCA). From 214.94m to 215.07m and 221.97m to 222.04m are limestone beds with <1mm to 3mm clasts of mudstone entrained (Interp: Limestone debris flow). Beginning at 216.36m until 230.98m, regularly spaced ~2cm anastomosing qtz-carbonate veining structures intersect unit at an orientation subparallel to cleavage. These veining structures are generally immediately followed by a small scale fault gouge (e.g. 216.37m, 218.83m, 219.94m, 222.74m, 229.59m). Very fine grained siliceous black cherty shale nodule at 226.36m.			
A-18-148			0.00	Continued	At 235.91m, together, while bedding slowly steepens relative to core axis. (INTERP: Thinning shear texture associated with close proximity to large fault). From 242.96m to 243.28m is a large internally laminated limestone bed with different bedding from surrounding silt laminations and truncated on either end by qtz-carbonate veins. From 234.70m thin lamination texture continues and core becomes less competent and fractures regularly along cleavage planes creating and poker chip to 6cm cleavage delineated fragments with interspersed periods of fault gouge. In this interval are some examples of cross bedding within silt laminations (e.g. 246.86m, 247.65m, 248.73m). Lower contact is sharp and is separated from footwall by one 6cm qtz-carbonate vein.			
A-18-148	253.00	256.53	3.53	Massive black shale with brassy yellow pyrite veins and nodules	Massive, dark grey/black, generally incompetent shale with significant brassy yellow pyrite occurring as disseminated in very fine grains, as frequent <1mm to 3cm nodules +/- qtz-carbonate pressure shadows, and in discontinuous lenses parallel to cleavage. Unit is intersected with hairline to 5cm massive anastomosing qtz-carbonate veins oriented from 55 to 140 degrees TCA that increase in frequency towards the lower contact. Unit has irregular cleavage towards lower unit and has a soapy feel on cleavage faces. Lower contact is denoted by presence of disrupted silt lenses and is separated by a 15 cm anastomosing vein structure oriented subparallel to cleavage.	3SH		AF
A-18-148	256.53	260.72	4.19	Disrupted silty shale	Massive, black, siliceous shale with frequent discontinuous irregular wavy lenses of grey silt. V.f.g. brassy yellow pyrite is sparsely disseminated throughout unit as well as densely concentrated in some discontinuous/disrupted silt lenses. Unit intersected by in frequent massive ~2cm qtz-carbonate veins with orientation ranging from 35 to 75 degrees TCA. Cleavage is low angle and irregular but unit is generally quite competent. Lower contact is distinct and noted by presence of laminated barite nodule beds.	4DSS		GSF
A-18-148	260.72	261.54	0.82	Laminar nodular barite beds interbedded with black shale	<1mm to 3mmx9mm nodular barite laminated near massively in beds that range from 1 to 10cm in width interbedded with massive black siliceous shale. Nodular beds have irregular orientation but generally trend subparallel to cleavage, and make up 20% of the interval. V.f.g. brassy yellow pyrite disseminated throughout. Unit is regularly fractured along planar cleavage surfaces. Lower contact distinguished by last pulse of nodular barite and is separated from successive unit by a fault zone.	4LBSH		GSF
A-18-148	261.54	268.36	6.82	Massive black shale with disrupted interbedded silt lenses	Massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Minor, <1cm discontinuous silt lenses +/- densely disseminated brassy yellow pyrite occur frequently throughout. Unit is faulted throughout along consistent planar cleavage beds with graphitic faces. Core is generally incompetent with poker chip fragments and very few segments larger than 10cm. Large irregular shaped concretions become frequent. Rare, 1 to 5mm pyrite nodules with qtz-carbonate pressure shadows occur at 264.91m Unit is sparsely intersected by hairline to 1cm qtz-carbonate veins oriented subparallel to cleavage and displaying Reidel shear structures. Unit ends with presence of nodular barite beds.	4SH	4DSS	GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	268.36	269.41	1.05	Nodular barite beds interbedded with black shale	Massive black siliceous shale interbedded in 2 to 10 cm beds of <1mm nodular barite beds with v.f.g. brassy yellow pyrite disseminated throughout. Nodes of barite are disseminated within beds and don't show distinct bedding planes. Barite comprises 1-2% of the unit and has significantly altered to coarse grained brassy yellow pyrite and carbonate. Lower contact of unit is denoted by last presence of barite.	4BSH		GSF
A-18-148	269.41	1584.00	1314.59	Massive black siliceous shale interbedded disrupted silty shale	Massive black siliceous shale with minor interbedded silty shale interlaminated in discontinuous lenses and comprising 2-5% of the interval. Interval contains v.f.g. brassy yellow pyrite disseminated throughout. Unit is frequently intersected by hairline qtz-carbonate-brassy yellow pyrite veins along cleavage planes. At 274.24m is a 4cm thick massive light grey silt bed with v.f.g. brassy yellow pyrite densely disseminated throughout and is oriented approximately 70 degrees TCA. Core is incompetent with poker chip fragments breaking along consistent, planar, graphitic cleavage faces and very few segments greater than 10cm in length. Concretions increase in frequency moving downhole. Gradationally, towards the end of the unit are infrequent 2 to 3 cm beds of sparsely disseminated nodular barite with brassy yellow pyrite-carbonate replacement. Additionally towards the end of the unit are silt lenses/fragments dense with disseminated brassy yellow pyrite. Lower contact is gradational and distinguished by nodular barite beds becoming dominant in shale.	4SH	4DSS	GSF
A-18-148	279.50	282.45	2.95	Nodular barite beds interbedded with black shale	V.f.g. nodular barite forms sparsely disseminated 2 to 15 cm beds orientated subparallel to cleavage and interbedded with massive black siliceous shale. Barite comprises 1-2% of the interval. Unit contains v.f.g. brassy yellow pyrite disseminated throughout. Most nodular barite has altered to brassy yellow pyrite and carbonate. Unit is incompetent with no segments greater than 10cm, but fragments break along regular planar cleavage surfaces. Minor discontinuous silt laminations/lenses comprise ~5% of the interval. Cleavage fractures can be seen densely throughout segments. Intersecting the unit are hairline to brecciated qtz-carbonate veins with irregular orientation ranging from subparallel to cleavage to 140 degrees TCA. Unit is separated from successive unit by a large fault gouge.	4BSH		GSF
A-18-148	282.45	301.50	19.05	Massive black siliceous shale with interbedded disrupted silty shale	Unit is entirely incompetent and heavily fractured and faulted. Remnant segments display ~35% 1 to 15cm beds of discontinuous calcareous silt +\- densely disseminated brassy yellow pyrite lenses. Lenses can be near planar or have anastomosing texture (e.g. 293.13m). Unit has gradational contact to upper unit as it comprises minor 5 cm beds of nodular barite near the top of the unit (e.g. 286.36m and 286.55m). Significant qtz-carbonate veining occurs throughout the unit, and remnants of 5 to 10cm veins can be seen in the faulted areas. Veining creates brecciated texture elsewhere in the unit (e.g. 297.16m, 297.59m). Randomly dispersed throughout unit are fragments and clasts of silt and shale. Fragments are rounded, <1cm, and comprise <1% of the interval. From 295.64 onward, core is increasingly incompetent, and cleavage faces are significantly graphitic. At 294.20m, there is a lone 2cm bed of densely disseminated nodular barite altered to brassy yellow pyrite and carbonate.	4SH	4DSS	GSF
A-18-148	301.50	314.43	12.93	Very weak laminated pyrite with nodular barite beds interbedded with black shales	Beds of 1mm to 3x7mm nodular barite interbedded with massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Barite beds range in width from 1 to 85cm and are oriented subparallel to cleavage, but show mild internal deformation and folding (e.g. 304.96 to 305.27m). Barite beds range from sparely disseminated nodular barite to near massive laminations up to 2cm in width. Barite beds comprise 70% of the unit, and shale interbeds are frequent and range from 2-5cm in width. Entire interval is interlaminated with hairline to 0.5cm grey silt laminations, minor hairline laminations of dull brown pyrite and irregular lenses of brassy yellow pyrite densely disseminated and up to 3cm in width. Unit is intersected by minor, up to 2mm wide qtz-carbonate veins that are widely oriented from 8 to 120 degrees TCA. Very large concretions are present, up to 1m in length, and in total comprising 8% of the interval. Unit is competent and breaks along low angle cleavage planes. Near lower contact are minor, rounded mm scale shale and silt fragments that in total occupy <1% of the unit. Lower contact is distinguished sharply by last presence of nodular barite	4PYSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	314.43	319.19	4.76	Dark grey siltstone	Dark grey siliceous silt stone with interlaminated black shale and hairline to 3cm discontinuous massive lenses of brassy yellow pyrite. Minor dull brown pyrite is thinly interlaminated throughout unit and occupies <1%. Unit has prevalent hairline to 2cm qtz-carbonate veining with orientation varying from subparallel to orthogonal to cleavage (30 to 175 degrees TCA). Unit is competent and internally deformed with gentle folding and wavy laminations. Last 5cm of the unit are significantly deformed and qtz-carbonate veins display Riedel shearing. Lower contact is sharply denoted by presence of nodular barite	4SS		GSF
A-18-148	319.19	327.45	8.26	Very weak laminated pyrite with nodular barite beds interbedded with black shales	Incompetent unit of 10% black massive siliceous shale with 90% interbedded weakly mineralized nodular barite beds. Within beds, laminar barite nodules are interlaminated with hairline to 5mm wide light grey silt and weak, hairline to 1mm dull brown pyrite. Shale interbeds are 1 to 4cm and comprise about 5% of the interval. Unit is faulted and displays areas of major internal deformation (e.g. 321.36m to 322m). Qtz-carbonate veins throughout the unit occur as irregular hairline to 3cm massive veins oriented 15 to 175 degrees TCA. In internally deformed and faulted areas, qtz-carbonate veins display brecciated texture with some host rock entrained within veins (e.g. 321.85m and 322.22m). Cleavage faces throughout unit are mildly graphitic. Some mm scale rounded fragments of silt shale and limestone present sparsely towards the end of the unit. Lower contact is gradational and is distinguished by when fragments become concentrated and form beds.	4PYSH		GSF
A-18-148	327.45	347.33	19.88	Fragmented black shale	Dark grey to black siliceous shale with mm to cm scale clasts of light grey silt, dark grey shale and limestone. Clasts are rounded to sub rounded and are elongated subparallel to cleavage. Interval is dense in disseminated v.f.g. brassy yellow pyrite that concentrates as laminations. Massive shale interbeds range from 1cm to 20cm. Clasts are numerous, form bedding and comprise 20% of the unit. Unit is incompetent, as it regularly breaks along planar cleavage with few segments >10cm in width, but unit is not heavily faulted. Bedding is consistent throughout the unit with the exception of a gentle s-fold at 328.48m. Shale interbeds are small and average 1-2cm with the exception of one 22cm shale interbed at 331.32m. From 332m onwards, clasts begin to decrease in size, become sparsely disseminated and lack definitive bedding orientation (INTERP: Fining downward sequence indicating way up down hole). Minor beds of discontinuous silt lenses are randomly interspersed throughout (e.g. 339.80m to 340.10m). Beginning at 335.03, there is the first presence of sparsely disseminated nodular barite beds with sub mm size nodules forming 2 to 40cm beds that occupy a total of 8% of the unit. From 340.71m to 341.23m is a highly fractured light grey silty interbed that remains relatively free of fragments. Beginning at 341.59m are intersecting qtz-carbonate veins that are entirely irregular and create a breccia with the host rock with no obvious orientation. Veining interval is followed by small fault gouge and continues back into fragmental black shale with minor hairline qtz-carbonate veins oriented subparallel to cleavage. Fragments continue to decrease in size and become more sparsely entrained, with shale interbeds increasing in size. Lower contact is therefore gradational and is denoted by the beginning of a heavily faulted zone with no fragments.	4FSH		GSF
A-18-148	347.33	352.21	4.88	Massive black shale	Heavily faulted and incompetent massive black shale with thinly interlaminated light grey silt. From the beginning of the unit, angular fragments, poker chip fragments, gouge, and compressed gouge are found throughout the unit with few segments >10cm in length. Segments of interval with more competency include 2 veining systems. From 350.17m to 350.26m is a significantly brecciated qtz-carbonate vein, and from 350.88m to 350.98m is a system of hairline to 1cm banded ribbon veins. Both veining systems are adjacent to small fault gouges with highly graphitic cleavage faces and sub angular to sub rounded fragments. Entire unit is further intersected by hairline to 1cm wide massive qtz-carbonate veins with irregular orientation. Lower contact is denoted by presence of laminated dull brown pyrite.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	352.21	355.34	3.13	Massive black shale with interbedded nodular barite and weak pyrite interlaminations	Massive black siliceous shale is interbedded with sparse 1-2mm dull brown pyrite laminations which comprises 1-2% of the total unit. Nodular barite beds occur as sub mm sized nodules sparsely disseminated in massive shale. However, beginning at 353.47m, unit is intersected by large qtz-carbonate veining system that comprises 35% of the unit. Veins are hairline to 1cm in width, and display massive texture ranging in orientation from 35 to 155 degrees TCA. Portions are brecciated with the host rock and lack orientation. Large 2mm barite nodules, and hairline laminations of dull brown pyrite are interlaminated in veining system and are heavily internally deformed. Lower contact is noted by the disappearance of pyrite laminations	4PYSH		GSF
A-18-148	355.34	358.85	3.51	Massive black siliceous shale	Massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Unit is featureless excepting minor, hairline qtz-carbonate veins and <1cm dark grey silt laminations sparsely interbedded throughout the unit. Unit is incompetent and breaks regularly along irregular cleavage faces. Small, rounded clasts altered to brassy yellow pyrite are rare and comprise <1% of the unit. Bottom contact is denoted by first presence of nodular barite and dull brown pyrite laminations.	4SH		GSF
A-18-148	358.89	368.72	9.83	Weak laminated pyrite with nodular barite beds interbedded with black shales	Large, 7x4mm off-white nodular barite forms 1 to 18cm wide beds with interbedded massive black siliceous shale, and laminations of hairline dull brown pyrite, and light grey silt. V.f.g. brassy yellow pyrite is disseminated evenly throughout. Nodular barite have acicular texture, have minor brassy yellow pyrite alteration, and form thick laminations, frequently appearing near massive (e.g. 361.34m, 367.80m). Mineralized planar barite beds comprise 30% of the unit and are oriented subparallel to cleavage with weak laminar pyrite spaced evenly within. Shale interbeds range from a few cm in width to 50cm and have minor 2mm dull brown pyrite nodules disseminated throughout. Within large shale interbeds is minor sub-mm sized nodular barite as well as a 2cm bed of silty shale and limestone fragments. Hairline to 1cm qtz-carbonate +/- pyrobitumen veins intersect the unit irregularly at orientations between 30 to 140 degrees TCA with the majority displaying ribbon texture subparallel to cleavage. Unit also contains large concretions up to 70cm that comprise 15% of the unit.	4LBSH		GSF
A-18-148	368.72	379.19	10.47	Massive black siliceous shale with weak interlaminated dull brown pyrite	Massive black siliceous shale with 2% dull brown pyrite lamina frequently intersecting unit and v.f.g. brassy yellow pyrite disseminated throughout. From beginning of unit until 370.08m, is a large featureless shale interbed with faint very thin laminations of grey silt. At 370.08m is the first example of laminated pyrite which continues throughout the unit and increases in density down hole. Nodular barite is almost entirely absent from the unit with the exception of rare 1-2cm beds of coarse grained lamina (e.g. 371m) indicating a gradational contact from previous unit. Unit is incompetent and heavily faulted as well as regularly fracturing along consistent low angle cleavage planes. Intersecting the unit is hairline qtz-carbonate veins that are generally oriented subparallel to cleavage. There is an additional veining segment from 373.54m to 373.75m which displays hairline to 6mm wide qtz-carbonate veins forming irregular ribbon to anastomosing texture with some feathering. End of unit is gradational and determined by the first presence of a bed of laminated dull brown pyrite that exceeds 5cm in width.	4SH	4LPSH	GSF
A-18-148	379.19	385.46	6.27	Laminar bedded pyrite, and interbedded shale	Unit displays 50% massive black siliceous shale interbedded between 50% planar densely laminated weak to very weak dull brown pyrite with v.f.g. brassy yellow pyrite disseminated throughout. Pyrite beds vary in width from 2 to 45 cm, and have rare thin interlaminations of grey silt. Interval is generally incompetent, regularly fracturing along cleavage planes and at times along a secondary cleavage axis. Unit is rarely intersected by qtz-carbonate veins that are generally hairline and subparallel to cleavage, with one instance of irregular ribbon veining with a feathered texture at 381m. Interbedded at 382.72m is a 5cm bed of thickly interlaminated light grey calcareous silts. At 384.08m is a bed of more densely disseminated brassy yellow pyrite grains with carbonate alteration rims (?) that display a subtle fining downward texture indicating way up downhole. Lower contact is denoted by last presence of laminated pyrite bed.	4LPSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	385.46	392.92	7.46	Massive black siliceous shale	Massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Unit is moderately incompetent with segments averaging around 15cm and fracturing regularly along planar cleavage faces. The beginning of the unit is a 20cm bed of interlaminated light grey calcareous silt +/- brassy yellow pyrite and shale. Further down hole, silt laminations are very rare and unit is featureless except hairline to 3mm qtz-carbonate-coarse grained brassy yellow pyrite veins oriented subparallel to cleavage. A large qtz-carbonate veining system intersects interval from 390.88m to 392.05m where veins range from anastomosing hairline veins with feathering texture to massive brecciated vein segment with surrounding siliceous alteration and small fault gouges. Unit contains several small fault gouges evenly spaced throughout. End of unit is denoted by the first presence of a thick bed of interlaminated very weak dull brown pyrite.	4SH		GSF
A-18-148	392.92	402.00	9.08	Massive black siliceous shale with weak interlaminated dull brown pyrite	Heavily faulted and incompetent unit of massive black siliceous shale with 5mm to 60cm beds of very weak laminar bedded pyrite that comprise 6% of the total unit. Rare hairline to 3cm light grey calcareous laminar silt beds intersect the unit subparallel to cleavage and comprise 2% of the unit (e.g. 393.15m and 397.42m). The largest laminated pyrite bed occurs from beginning of the unit until 393.45m, and frequency and size of pyrite beds decrease moving down hole. Entire unit is intersected by hairline to 3mm qtz-carbonate veins that range in orientation from 35 to 135 degrees TCA. Veins display minor brecciation with small fragments of host rock entrained and at 399.28m is a 5mm qtz-carbonate vein with feathered texture and Riedell shears. End of unit is sharply denoted by presence of large ~1m concretion followed immediately by a unit of hard blue/grey siliceous cherty shale.	4SH	4LPSH	GSF
A-18-148	402.00	402.10	0.1	Hard blue/grey cherty shale	Small interval of very hard, light grey cherty shale with minor qtz-carbonate veining.	4CSH		GSF
A-18-148	402.10	417.27	15.17	Massive black siliceous shale	This unit is heavily faulted, and areas of complete gouge or small angular rubble account for 50% of the interval. Core that is not gouge is either heavily fractured poker chip fragments, or crumbling to the touch. Remnant intervals that display characteristics of host rock display massive black siliceous shale with v.f.g. disseminated pyrite throughout. Frequently intersecting the unit are hairline to 3mm laminations of d.grey weakly calcareous silt, that comprise a total of 20% of distinguishable core. Unit is also intersected by hairline to 3mm qtz-carb veins that have brecciated texture with the host rock, and are oriented subparallel to cleavage. Lower contact of the unit is denoted by the first presence of laminar dull brown pyrite beds immediately following a zone of densely laminated calcareous silts.	4SH		GSF
A-18-148	417.27	423.52	6.25	Massive black siliceous shale with interbedded laminar pyrite	Competent massive black siliceous shale interbedded with 3cm to 20cm beds of interlaminated weak planar dull brown pyrite and grey silt. Mineralized beds comprise 30% of the unit, and dull brown pyrite laminations become stronger moving downhole. Shale is weakly disseminated with v.f.g. disseminated brassy yellow pyrite that rarely concentrates along bedding planes as coarse grained with mild carbonate rims (e.g. 418.22m, 420.23m). Unit is intersected sporadically by hairline to 2mm qtz-carb veins with subtle wavy to feathered texture that are oriented either subparallel to cleavage or at 150 degrees TCA. Additionally, rarely intersecting interval towards the bottom of the unit are 4cm gradational beds of v.f.g. disseminated nodular barite (e.g. 420.35m, 420.69m, 422.19m). From 422.40 to 422.76m, shale displays moderate silicification characterized by graphitic cleavage faces, and an increase in hardness and qtz-carb veining. Additionally, lower 10 cm of unit displays mild silicification grading into cherty shale unit.	4SH	4LPSH	GSF
A-18-148	423.52	425.57	2.05	Hard blue/grey cherty shale	Unit of blue/grey siliceous cherty shale that is moderately competent and breaks along irregular wavy graphitic cleavage faces. Unit is densely intersected by qtz+/-carb+/-coarse grained brassy yellow pyrite veins that range from hairline to 3cm and are oriented widely from parallel TCA to 160 degrees TCA. Veins create breccias with host cherty shale (e.g. 423.63m, 423.93m) as well as intersect in a massive texture (e.g. 423.70) .	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	425.57	430.63	5.06	Massive black siliceous shale	Massive black siliceous shale with v.f.g. brassy yellow pyrite with mild carbonate rims disseminated throughout. Light grey discontinuous variably calcareous silt lenses are regularly interbedded throughout oriented parallel to cleavage and increase in concentration and strength at 428.70m. Unit is competent, and the breaks intermittently along a secondary cleavage plane, which develops at 425.7m. Unit is intersected rarely by hairline qtz-carb veins oriented orthogonal to bedding. Additional <10cm intervals of qtz-carb+/- coarse grained brassy yellow pyrite veins up to 3mm in width intersect unit and display irregular feathered character (e.g. 428.17m, 429.64m, 430.52m). Smaller, <5cm concretions become more regular and display carbonate rims around margins. Lower contact is denoted by the first presence of mineralized bed with laminar dull brown pyrite and nodular barite.	4SH		GSF
A-18-148	430.63	435.17	4.54	Massive black shale with interbedded nodular barite and pyrite interlaminations	75% massive black siliceous shale with 25% interbedded 1cm to 15cm mineralized beds of nodular barite, and thinly laminated dull brown pyrite. Nodular barite is up to 4mm in size and generally completely replaced with coarse grained brassy yellow pyrite and carbonate. Unit is additionally intersected by hairline to 3cm beds of wavy light grey calcareous silt lamina and one 20cm interval of discontinuous silt lenses from previous unit (431.94m to 432.1m). V.f.g. brassy yellow pyrite is disseminated throughout the unit, at times concentrating along bedding planes and has minor carbonate alteration rims. Minor hairline qtz-carb+/coarse grained brassy yellow pyrite veins intersect unit subparallel to cleavage with rare feathering texture. At beginning of unit however is a 4cm thick veining interval of laminated ribbon qtz-carb veins that display mild deformation in the form of an s-fold.	4PYSH		GSF
A-18-148	435.17	441.33	6.16	Massive black siliceous shale interbed	Massive black siliceous shale interbed with minor wavy dull brown pyrite lamina. 3 to 20cm intervals of shale with mm scale discontinuous grey silt+/- replacement pyrite lenses intersect unit at 436.04m. Unit is competent at the start of the interval but becomes more heavily fractured downhole until 439.18m where it becomes a series of poker chip fragments. Unit is regularly intersected by hairline to 1cm qtz-carb+/- coarse grained brassy yellow pyrite veins that are aligned subparallel to cleavage and at 437.20m align in a 5cm band of ribbon veining. Some veins display shearing characteristics in the form of feathering and Riedell shears.	4PYSH		GSF
A-18-148	441.33	449.78	8.45	Massive black siliceous shale interbedded with nodular barite and pyrite interlaminations	Same unit as at 460.63 but gradationally beginning at 441.05m, mineralized beds of dull brown pyrite increase in frequency, and nodular barite laminations are present again. Core becomes generally more incompetent, faulted and regularly fracturing along cleavage planes. Beds of medium grained laminations of nodular barite, thinly laminated dull brown pyrite and rare d.grey silt are 1cm to 12cm in width and comprise 35% of the unit in massive black siliceous shale. Some pyrite laminations appear lighter in colour (higher silt content?). about 30% of mineralized beds are free of nodular barite and are more densely laminated with pyrite and minor silt laminations (e.g. 447.09m, 448.92m), and at 442.25m and 442.86m beds display intense internal deformation and resulting tight undulations. 5mm to 3cm beds of light grey calcareous silt intersect the interval in planar laminations and comprise <2% of the interval. Interval is also rarely intersected by hairline to 2mm planar to irregular and discontinuous qtz-carb+/- brassy yellow pyrite veins. At 449.24m is a 15cm qtz-carb vein breccia. Nodular barite size increases downhole and at 448.04m to 448.30m is contained in a significantly deformed bed with graphitic cleavage faces. Lower contact is denoted by last instance of laminated pyrite bed.	4PYSH		GSF
A-18-148	449.78	457.16	7.38	Massive black siliceous shale	Massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout in competent core which fractures along regular planar cleavage faces. Frequently interbedded in the unit are ~1cm rounded, discontinuous silt lenses that have been near entirely replaced by secondary pyrite are disseminated densely in beds that range from 2 to 25cm which comprise 20% of the unit. Intersecting veins are either hairline to 2mm qtz-carb-coarse grained brassy yellow pyrite planar veins with an orientation ranging from 50 to 110 degrees TCA or larger 0.5 to 4cm qtz-carb veins that lack pyrite and display a far more irregular ribbon or brecciated texture (e.g. 450.02m and 452.14m respectively). Mild silicification of shale present along margins of larger veins. Concretions are more numerous than previous intervals and are generally round with minor carbonate+/-pyrite rims.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	457.16	459.88	2.72	Hard blue/grey cherty shale	Very hard siliceous blue/grey cherty shale with dense qtz-carb veins intersecting throughout. Gradational top contact from previous shale unit denoted by beginning of dense irregular fracturing. Unit is fairly competent and fractures along irregular cleavage planes. Large concretion (~50cm) bisects unit and displays significant massive hairline to 15cm carbonate +/-qtz veins intersecting throughout. Lower contact is denoted gradationally by lack of veining and irregular fracturing	4CSH		GSF
A-18-148	459.88	480.18	20.30	Massive black siliceous shale with dense silt interlaminations	Black siliceous shale with densely interlaminated light grey silt and weak dull brown pyrite and v.f.g. brassy yellow pyrite disseminated throughout. Mineralized beds are 2 to 20cm in width and comprise 40% of the interval. Silt and pyrite laminations are generally planar and oriented subparallel to cleavage, but at times display internal deformation and folding (e.g. 460.08m, 460.56m, 463.66m) and cross bedding (e.g. 475.41m, 476.86m). Minor f.g. nodular barite that has been near entirely replaced by coarse grained brassy yellow pyrite and carbonate is interlaminated in beds from 1 to 7cm width, and at times displays boudined deformation. Unit is intersected with hairline to 5mm qtz-carb-coarse grained brassy yellow pyrite planar veins oriented widely from 35 to 140 degrees TCA. Unit also intersected by heavily deformed irregular qtz-carbonate ribbon veining that contains minor rusty brown surface staining (weathered py? sph?), contains minor f.g. sphalerite and breaks along graphitic cleavage planes. Beginning at about 468.60m, Interval becomes increasingly incompetent down section and breaks frequently into angular fragments along cleavage. Mineralized sulphide beds and silt lamina decrease in frequency and bed width with larger segments of interbedded shale. Interval is also intersected with qtz-carb veining system that creates ribbon and brecciated textures from 472.44m to 472.85m.	4SH	4PYSH	GSF
A-18-148	480.18	491.96	11.78	Massive black siliceous shale with interbedded nodular barite, silt and pyrite	Same unit as above, but this interval has a distinct increase in nodular barite size and lamination frequency with a lack of densely laminated dull brown pyrite beds. Barite laminations comprise 4% of the interval, and dull brown pyrite exists as sparse interlaminations that comprise <2% of the interval. Interval is also intersected by frequent planar and at times discontinuous 2mm to 1cm light grey silt laminations with f.g. brassy yellow pyrite densely concentrated in or near entirely replacing silt lamina. Silt/pyrite lamina consist of about 4% of unit. Unit is quite competent breaking along regular cleavage planes with minor faulting that displays significantly graphitic faces. A secondary cleavage develop at 487.05m. Concretions also become numerous in this interval and become irregular in shape. Lower contact is denoted sharply by change in colour, and start of cherty irregular fracturing and heavy veining.	4SH	4PYSH	GSF
A-18-148	491.96	493.96	2.00	Hard blue/grey cherty shale	Hard, siliceous blue grey cherty shale with frequent irregular fracturing and dense qtz-carb veining throughout. Veins are hairline to 5mm wide, are massive and are generally oriented orthogonal to cleavage with a massive and planar texture. Unit is competent until 492.87m where if becomes much faulted, brecciated with host shale, crumbly, faulted, and folded with significantly graphic cleavage faces. Lower contact is gradational and distinguished by a lack in silica content and the start of regular planar cleavage faces	4CSH		GSF
A-18-148	493.96	502.46	8.50	Massive black siliceous shale	Massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Unit contains sparse hairline to 7mm laminations of light grey, planar, weakly calcareous silt+/-densely concentrated secondary pyrite oriented subparallel to cleavage. Silt laminations comprise <1% of the interval. Unit is competent but breaks along inconsistent cleavage planes. Hairline to 6mm qtz-cab+/- coarse grained brassy yellow pyrite veins intersect the unit sparsely with the exception of a concentrated veining interval from 498.24m to 498.80m in which hairline qtz-carbonate veins are densely laminated and display heavily deformed tightly undulating characteristic.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	502.46	504.45	1.99	Massive black siliceous shale with interbedded nodular barite	90% Massive black siliceous shale with 10% 2mm to 2cm laminations of coarse grained at times near massive nodular barite. Nodular barite is replaced by coarse grained brassy yellow pyrite and carbonate. Interval is incompetent and breaks along irregular inconsistent cleavage planes with small scale faults throughout. Unit is also intersected by rare hairline to 3mm laminations of light grey weakly calcareous silt with concentrated v.f.g. diss brassy yellow pyrite that comprises ~2% of the interval as well as isolated very thin laminations of dull brown pyrite. Also rarely intersecting the unit are planar hairline to 2mm qtz-carbonate veins with orientations from 45 to 70 degrees TCA. Lower contact is designated by a small fault gouge with indistinguishable lithology and following competent section of cherty shale	4PYSH		GSF
A-18-148	504.45	504.69	0.24	Hard blue/grey cherty shale	Small interval of very hard, light grey cherty shale with irregular fracturing and significant minor qtz-carbonate veining ranging from 30 to 140 degrees TCA. Lower contact is gradational and denoted by darkening of colour, and lack of irregular fractures and silica content	4CSH		GSF
A-18-148	504.69	524.14	19.45	Massive black siliceous shale with interbedded nodular barite	Same unit as above, with increased silt and qtz-carb vein content. Nodular barite laminations range in width from 1mm to 5cm, and comprise 10% of the interval. Barite beds are generally planar and oriented subparallel to cleavage, but show some instances of mild interval deformation (e.g. 504.78m, 521.23m) in the form of mild undulations associated qtz-carbonate veining. Within nodular beds are hairline to 1cm dull brown pyrite laminations that comprise <1% of the interval and disappear from the core at 514.87m. In this interval, weakly calcareous silt beds range from hairline to 3cm in width, comprise 4% of the interval and show more internal deformation than nodular barite laminations (e.g. 510.94m). V.f.g. brassy yellow pyrite is disseminated throughout unit and beginning at 516.33m has varying amounts of carbonate alteration that forms beds of speckled white appearance. Some beds of altered v.f.g. secondary pyrite have a graded appearance and suggest a fining upward sequence downhole (e.g. 516.37m, 521.61m). Unit is intersected by frequent hairline to 15cm qtz-carb+/-coarse grained brassy yellow pyrite veins with a wide variety of textures. Veins range from planar, massive and subparallel to cleavage, to intervals of thinly laminated irregular ribbon veins (e.g. 509.46m). Concretions are more frequent, smaller, and have carbonate+/-pyritic rims. Lower contact is distinguished by last occurrence of nodular barite lamina.	4PYSH		GSF
A-18-148	524.14	538.67	14.53	Massive black siliceous shale	Massive black siliceous shale with v.f.g. brassy yellow pyrite+/- carbonate alteration rims disseminated throughout. Unit is incompetent, and breaks along inconsistent cleavage planes with variably graphitic faces and becomes increasingly incompetent towards the end of the unit where it becomes poker chip fragments and gouge. Unit is featureless save hairline to 1cm massive qtz-carbonate veins intersecting the unit at orientations from 25 to 78 degrees TCA. From 353.66m to 536.12m is a qtz-carbonate veining interval where irregular disrupted veins create a subtle brecciation of host rock (silty debris flow?). Unit has frequent spherical concretions with carbonate pyrite rims throughout. Lower contact is denoted sharply by first presence of laminated nodular barite.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	538.67	547.84	9.17	Massive black siliceous shale with interbedded nodular barite	Massive black siliceous shale with 5% interbedded coarse grained internally deformed nodular barite. Nodular barite has been significantly altered to coarse grained brassy yellow pyrite and carbonate and occurs independently with associated layers of concentrated disseminated secondary pyrite and minor silt laminations. V.f.g. brassy yellow pyrite is disseminated throughout and periodically displays carbonate alteration rims. Carbonate alteration rims appear in bands with generally gradational margins. However, there are some instances of sharp contacts between altered and non altered disseminated secondary pyrite (e.g. 541.81m where contact is undulating and deformed). Carbonate alteration rims end at 544.44m. Weakly calcareous hairline to 2mm wavy silt laminations are rarely interbedded throughout and consist of <1% of the interval. Very rare isolated hairline to 2mm laminations of dull brown pyrite are present, and associated with qtz-carbonate veining in the interval. Minor discontinuous calcareous silt nodules with secondary pyrite replacement rarely present throughout (e.g. 543.97m). Qtz-carbonate+/- coarse grained brassy yellow pyrite veins are generally hairline to 1.5cm and are massive, planar, and discontinuous. Some veins are densely laminated in ribbon texture associated with small fault zones (e.g. 543.53m). Unit is relatively incompetent, faulted and breaks along inconsistent cleavage planes. Cleavage faces at times are highly graphitic (e.g. 542.65m, 546.81m). Lower contact is denoted sharply by first presence of dense dull brown pyrite interlaminated beds	4SH	4PYSH	GSF
A-18-148	547.84	551.87	4.03	Massive black siliceous shale with interbedded nodular barite and laminar pyrite	20% 0.5cm to 8cm regularly spaced mineralized beds of coarse grained nodular barite and hairline to 3mm laminations of dull brown pyrite interbedded in massive black siliceous shale. Nodular barite significantly altered to carbonate and brassy yellow pyrite, and v.f.g. brassy yellow pyrite is disseminated throughout the unit. Mineralized beds range from evenly interlaminated nodular barite with dull brown pyrite, to near massive beds of weak densely laminated dull brown pyrite absent of nodular barite. Minor hairline silt laminations interlaminated in barite beds. Beds are generally oriented subparallel to cleavage, but are irregular and display mild internal deformation and gentle folding (e.g. 549.23m, 549.49m). Concretions are numerous, small and spherical. Unit also intersected by sparse hairline to 2mm mildly brecciated and discontinuous qtz-carb+/- brassy yellow pyrite veins oriented subparallel to cleavage. Unit is incompetent, heavily faulted and displays significant sections of poker chip fragments. Lower contact is distinguished by last occurrence of nodular barite lamination.	4PYSH		GSF
A-18-148	551.87	552.94	1.07	Massive black siliceous shale	Massive black siliceous shale with discontinuous hairline qtz-carb+/-coarse grained brassy yellow pyrite veins densely intersecting at all angles TCA. From 552.92m to 552.60m is a mildly silicified segment of shale displaying a d.grey colour and irregular fractures. Entire unit is incompetent and faulted with highly graphitic cleavage faces. One instance of intersecting light grey weakly calcareous silt bed with irregular wavy margins occurs at 551.95m. End of unit is distinguished by a distinct increase in veining and hardness and lighter grey colour.	4SH		GSF
A-18-148	552.94	553.54	0.60	Hard blue/grey cherty shale	Hard blue/grey cherty shale with dense laminated qtz-carb veins oriented approximately at 5 degrees TCA. Unit is competent and highly internally fractured, but breaks rarely along irregular cleavage planes. End of unit is distinguished by darkening of colour, decrease in hardness and increase in competence.	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	553.54	586.18	32.64	Massive black siliceous shale	Same unit as above at 551.87. Massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Pulses of hairline to 2mm light grey weakly calcareous silt lamina with concentrated disseminated brassy yellow pyrite are heavily internally deformed, wavy and comprise <2% of the unit. Fold axis of undulations are subparallel to cleavage. Minor laminations of coarse grained nodular barite are planar replaced by coarse grained brassy yellow pyrite and carbonate, and comprise <1% of the unit (e.g. 556.49m, 577.10m). Also found very rarely are 0.5cm discontinuous silt lenses replaced with secondary pyrite (e.g. 599.82m, 566.75m, 577.96m). Unit is frequently intersected by hairline to 3cm planar discontinuous qtz-carb+/- coarse grained brassy yellow pyrite that at times becomes larger (up to 94cm) intervals of irregular brecciated veining associated with incompetent core and graphitic cleavage faces. At 568.56m, and 576.31m few 3mm dull brown pyrite stringers are interlaminated in ribbon veining of a larger vein interval. Unit is incompetent and fractures along consistent cleavage planes and frequently spaced intervals of heavily faulted material that comprises of crumbling core, gouge, and poker chip fragments. Beginning at 580m, unit develops a densely laminated planar silt texture (shearing?) with disseminated v.f.g. brassy yellow pyrite with carbonate alteration rims throughout. From 576.48m to 576.82m and 548.46m to 584.71m are small intervals of shale with mm scale sub rounded clasts disseminated throughout indicating a gradational contact to the successive unit.	4SH		GSF
A-18-148	586.18	588.53	2.35	Fragmented black shale	Massive black siliceous shale with 20% 1 to 6mm sub rounded to subangular clasts of unknown origin that have been replaced with qtz, carbonate, and brassy yellow pyrite. Clasts are elongated subparallel to cleavage. Unit is competent and breaks along consistent cleavage planes. Minor hairline to 4mm feathered qtz-carb+/-brassy yellow pyrite interact the unit subparallel to cleavage. Lower unit is gradational and separated from successive unit by a faulted zone with a lack of fragments on the downhole side	4FSH		GSF
A-18-148	588.53	592.30	3.77	Black siliceous shale interbedded with pyritic sandy chert beds	Massive moderately hard black shale with 40% discontinuous blocky angular fragments entrained within. Fragments are predominantly light grey weakly calcareous matrix supported cherty sandstone with brassy yellow pyrite disseminated throughout. Clasts are planar and elongated in tabular shapes subparallel to cleavage, but display minor internal deformation characteristics (e.g. 591.19m). Minor qtz-carb veining intersect the unit irregularly with fragments of host shale entrained, and at times creating a breccia between shale and sandy-silt fragments (e.g. 591.30m). from 594.22 to 594.56m are fragmented pinstripe laminations of silt that display minor crossbedding.	5SH		PRF
A-18-148	592.30	596.72	4.42	Massive black siliceous shale with minor cherty sandstone fragments	Same unit as above with a notable decrease in concentration of tabular sandy chert fragments. Fragments intersect randomly and comprise 8% of the interval. A large veining interval begins at 596.03m and continues through the end of the interval. End of unit is characterised by the last presence of sandy chert fragment.	5SH		PRF
A-18-148	596.72	609.15	12.43	Massive black siliceous shale	Massive black siliceous shale with 2% discontinuous pyritic silt lenses disseminated throughout. Lenses are elongate subparallel to cleavage and range in size from 1mm to 1cm. Minor hairline wavy silt laminations intersect unit towards lower contact. Unit is increasingly competent, displays minor fault gouges and fractures regularly along consistent cleavage planes. Minor hairline to 1cm vein breccias occur throughout unit. Lower contact is denoted by first presence of cherty sandstone bed.	4SH	?	GSF
A-18-148	609.15	625.18	16.03	Black siliceous shale interbedded with pyritic sandy chert beds	Evenly interbedded black siliceous shale and matrix supported cherty sandstone beds. Cherty beds are 2mm to 2cm in width, are massive with distinct margins , and are consistently oriented approximately 70 degrees TCA. regularly intersecting the unit are mm scale irregularly oriented lenses of chert, carbonate +/- pyrobitumen. Nearer to the top of the unit, some beds are disrupted creating tabular fragments of cherty sandstone, and some show mild internal deformation (e.g. 610.84m). Brassy yellow pyrite laminations and nodules intersect the unit regularly and beginning at 616.38m are fragmented pinstripe laminations of pyritic silt which continues until the end of the interval. End of unit is denoted by last presence of sandy chert bed.	5SH		PRF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-18-148	625.18	626.07	0.89	Debris flow containing limestone, and shale fragments	Small interbed of limestone debris flow within massive black siliceous shale. Shale contains minor 2mm to 3cm angular to sub-rounded limestone fragments. Unit has disseminated 1mm to 4mm angular pyrite fragments throughout as well as some minor hairline wavy pyritic silt laminations. Few crinoid fossils can be seen within limestone fragments. Unit is further intersected by irregular and fragmented hairline qtz-carb veins. Lower contact is sharp and denoted by a sudden colour change into densely interlaminated light grey.	5BXLS		PRF
A-18-148	626.07	721.46	95.39	Well bedded calcareous siltstone	Competent light grey densely laminated weakly calcareous silt stone with minor pyritic interlaminations and v.f.g. pyrite disseminated throughout. From top of the unit until 634.36m, some angular tabular fragments of bleached siltstone are oriented subparallel to bedding and comprise ~30% of the interval. Unit fractures along inconsistent and wavy irregular cleavage planes. Unit is intersected by qtz-carb veins which range from mm scale massive planar veins subparallel to cleavage to large up to 95cm qtz-carb breccia zones until 647.44m. After this point, veining is entirely absent except very minor instances of cm scale ribbon veining (e.g. 649.03). From 634.36m, silt stone loses bleached fragments and laminations become dense and planar. Beginning at 641.27m are signs of bioturbation. Unit alters between a darker grey/black mudstone, planar laminated silt stone, and bioturbated silt stone with a pattern emerging in some spots (e.g. 647.73). Some significant bioturbation tunnels present throughout (e.g. 702.47m) and increasing from 702m until end of hole. Pyrite lamina and 1mm to 9mm pyrite nodules with carbonate alteration rims are more concentrated from 696.80m onward.	6SS		RRG

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-18-148	268.36	269.41	1.05	Nodular barite forming 2-10 cm beds that have been near completely altered to coarse grained brassy yellow pyrite with carbonate rims	CARB	MOD
A-18-148	390.88	392.05	1.17	Silicification surrounding 30cm wide brecciated qtz-carbonate vein. Silicification extends to about 7cm on either side of vein and is intersected by small fault gouges	SIL	MOD
A-18-148	422.4	422.76	0.36	Mild silicification of massive black siliceous shale characterized by increased irregular veining, hardness and transition to a lighter colour	SIL	MOD
A-18-148	450.50	450.74	0.24	Mild silicification of massive black siliceous shale on the margins of a large qtz-carb veining system	SIL	MILD
A-18-148	596.91	597.26	0.35	Mild silicification of massive black siliceous shale creating lighter colour and irregular fracturing	SIL	MILD

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-18-148	301.75	327.45	25.7	Beds of 1mm to 3x7mm nodular barite interbedded with massive black siliceous shale with v.f.g. brassy yellow pyrite disseminated throughout. Barite beds range in width from 1 to 85cm and range from sparely disseminated to near massive laminations up to 2cm in width. Barite beds comprise 80 percent of the unit, and shale interbeds are frequent and range from 2-5cm in width. Entire interval is interlaminated with hairline to 0.5cm grey silt laminations, minor hairline laminations of dull brown pyrite and irregular lenses of brassy yellow pyrite densely disseminated and up to 3cm in width. Unit is intersected by minor, up to 2mm wide qtz-carbonate veins that are widely oriented from 8 to 120 degrees TCA. Very large concretions are present, up to 1m in length, and in total comprising 8% of the interval. Near lower contact are minor, rounded mm scale shale and silt fragments that in total occupy <1% of the unit.	3			10		
A-18-148	350.17	386.01	35.84	Weak to very weak thin laminations of dull brown pyrite interlaminated with sparse grey silts in beds of nodular barite. Mineralized barite beds are interbedded with massive black siliceous shale. Barite beds consist of 15% of the total interval, with a large shale interbeds between mineralized units. Barite nodules initially are very small and sparsely disseminated, but become up to 8mmx4mm in size and are acicular in habit at times. Nodular barite beds can also coalesce to form up to 1cm massive appearing laminations. From 368.72m onward, Nodular barite is almost entirely absent from the unit with the exception of rare 1-2cm beds of coarse grained lamina (e.g. 371m). Unit becomes massive black siliceous shale with 2% dull brown pyrite lamina frequently intersecting unit and v.f.g. brassy yellow pyrite disseminated throughout. At 370.08m is the first example of planar laminated pyrite which continues throughout the unit and increases in density up to 45 cm beds down hole.	8			7		
A-18-148	386.01	395.48	9.47	Massive black siliceous shale with 5mm to 60cm beds of very weak laminar bedded pyrite that comprise 6% of the total unit. Rare hairline to 3cm light grey calcareous laminar silt beds comprise 2% of the unit (e.g. 393.15m and 397.42m). The largest laminated pyrite bed occurs from beginning of the unit until 393.45m, and frequency and size of pyrite beds decrease moving down hole. Entire unit is intersected by hairline to 3mm qtz-carbonate veins that range in orientation from 35 to 135 degrees TCA. End of unit is sharply denoted by presence of large ~1m concretion followed immediately by a unit of hard blue/grey siliceous cherty shale.	6			TR		
A-18-148	417.27	420.21	2.94	Competent massive black siliceous shale interbedded with 3cm to 20cm beds of interlaminated weak planar dull brown pyrite and grey silt. Mineralized beds comprise 30% of the unit, and dull brown pyrite laminations become stronger moving downhole Shale is weakly disseminated with v.f.g. disseminated brassy yellow pyrite that rarely concentrate in coarse grains with mild carbonate rims along bedding planes (e.g. 418.22m, 420.23m). Unit is intersected sporadically by hairline to 2mm qtz-carb veins and ~4cm gradational beds of v.f.g. disseminated nodular barite (e.g. 420.35m, 420.69m 422.19m).	5			1		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-18-148	430.63	451.83	21.2	75% massive black siliceous shale with 25% interbedded 1cm to 15cm mineralized beds of nodular barite, and thinly laminated dull brown pyrite. Nodular barite is up to 4mm in size and generally completely replaced with coarse grained brassy yellow pyrite and carbonate. Unit is additionally intersected by hairline to 3cm beds of wavy light grey calcareous silt lamina and one 20cm interval of discontinuous silt lenses from previous unit (431.94m to 432.1m). Minor hairline qtz-carb+/coarse grained brassy yellow pyrite veins intersect unit subparallel to cleavage with rare feathering texture. At beginning of unit however is a 4cm thick veining interval of laminated ribbon qtz-carb veins that display mild deformation in the form of an s-fold.	10	TR		5		
A-18-148	457.86	482.51	24.65	Black siliceous shale with densely interlaminated light grey silt and weak to very weak dull brown pyrite and v.f.g. brassy yellow pyrite disseminated throughout. Mineralized beds are 2 to 20cm in width and comprise 40% of the interval. Minor f.g. nodular barite that has been near entirely replaced by coarse grained brassy yellow pyrite and carbonate is interlaminated in beds from 1 to 7cm width, and at times displays boudined deformation. Unit is intersected with hairline to 5mm qtz-carb-coarse grained brassy yellow pyrite planar veins oriented widely from 35 to 140 degrees TCA. Unit also intersected by heavily deformed irregular qtz-carbonate ribbon veining that contains minor rusty brown surface staining (weathered py? sph?), contains minor f.g. sphalerite and breaks along graphitic cleavage planes.	20	TR		5		
A-18-148	502.46	504.45	1.99	90% Massive black siliceous shale with 10% 2mm to 2cm laminations of coarse grained at times near massive nodular barite. Nodular barite is replaced by coarse grained brassy yellow pyrite and carbonate. Unit is also intersected by rare hairline to 3mm laminations of light grey weakly calcareous silt with concentrated v.f.g. diss brassy yellow pyrite that comprises ~2% of the interval as well as isolated very thin laminations of dull brown pyrite. Minor intersections of planar hairline to 2mm qtz-carbonate veins.	10					
A-18-148	504.69	524.14	19.45	Same unit as above, with increased silt and qtz-carb vein content. Nodular barite laminations range in width from 1mm to 5cm, and comprise 10% of the interval. Within nodular beds are hairline to 1cm dull brown pyrite laminations that comprise <1% of the interval and disappear from the core at 514.87m. In this interval, weakly calcareous silt beds range from hairline to 3cm in width, comprise 4% of the interval and show more internal deformation than nodular barite laminations (e.g. 510.94m). V.f.g. brassy yellow pyrite is disseminated throughout unit and beginning at 516.33m has varying amounts of carbonate alteration that forms beds of speckled white appearance. Unit is intersected by frequent hairline to 15cm qtz-carb+/-coarse grained brassy yellow pyrite veins with a wide variety of textures.	10					
A-18-148	546.45	551.98	5.53	20% 0.5cm to 8cm regularly spaced mineralized beds of coarse grained nodular barite and hairline to 3mm laminations of dull brown pyrite interbedded in massive black siliceous shale. Nodular barite significantly altered to carbonate and brassy yellow pyrite, and v.f.g. brassy yellow pyrite is disseminated throughout the unit. Mineralized beds range from evenly interlaminated nodular barite with dull brown pyrite, to near massive beds of weak densely laminated dull brown pyrite absent of nodular barite. Minor hairline silt laminations interlaminated in barite beds. Concretions are numerous, small and spherical. Unit also intersected by sparse hairline to 2mm mildly brecciated and discontinuous qtz-carb+/- brassy yellow pyrite veins.	5	TR		15		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-18-148	618.98	626.09	7.11	Contact zone between 5SH, grading through 5BXLS into 6SS. Black siliceous shale with sandy chert beds in large tabular fragments with last meter of unit a weak limestone debris flow with minor sub rounded limestone fragments. At 620m, there is a large 3cm pyrite nodule with potential radial habit (millerite?). Mm scale angular pyrite nodules disseminated throughout. Limestone contains crinoid stems and potential millerite in debris flow.	TR					

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-18-148	55.08	64.69	9.61	Veining complex of discontinuous hairline qtz-carbonate +/- brassy yellow pyrite, cm scale massive qtz/carbonate veins, and one large 20cm section of veining that forms a breccia with much of the host rock entrained within as angular fragments	5	
A-18-148	140.04	141.48	1.44	Veiling interval of 10cm to 35cm massive qtz-carbonate veins with irregular orientation and brecciated contacts with host rock	50	
A-18-148	236.36	243.79	7.43	Interval of irregular, massive qtz-carbonate veins in sheared area of siltstone. Planar to brecciated texture and deforming host rock around veining.	10	
A-18-148	279.58		-279.58	Interval of qtz-carbonate veining intersecting incompetent massive black siliceous shale. Frequent, and randomly interspersed, orientation is random and texture varies from massive, to brecciated and feathered	5	
A-18-148	341.75	342.05	0.3	Brecciated qtz-carbonate vein intersecting fragmented black shale.	20	34
A-18-148	348.65	351	2.35	Interval of increased qtz-carbonate veining. Vein patterns range from hairline irregular qtz-carbonate veins with varying orientation. Veining also present as 1-2cm massive ribbon veining. At 350.17m, vein is creates a host rock breccia. Separated by a large concretion, vein segment displays laminar hairline to 1cm ribbon veins.	15	
A-18-148	353.44	355.2	1.76	Significant interval of qtz-carbonate veining in which hairline to 1cm massive veins form ribbon veining that has been significantly internally deformed and shows no orientation. Larger up to 13cm veins create a breccia with host shale entrained. Laminations of nodular barite, grey silt and dull brown pyrite can be found interlaminated with ribbon veins	50	
A-18-148	364.33	364.85	0.52	Large 50cm qtz-carbonate breccia with 1mm to 4cm angular fragments of massive black siliceous shale entrained in veining complex and comprising 60% of the unit.	40	15
A-18-148	373.48	373.75	0.27	Small veining complex of hairline qtz-carbonate veins densely laminated to create a beds with ribbon to anastomosing texture. Orientation subparallel to cleavage with the first 5 cm displaying feathered texture orthogonal to cleavage	30	33
A-18-148	390.88	392.05	1.17	Large qtz-carbonate vein system which ranges from hairline irregular veins with feathered texture to large massive breccia with host rock shale entrained. Minor silicification and small fault gouges surround the system.	30	
A-18-148	457.7	459.9	2.2	Concentrated laminar qtz-carb veining forming planar to irregular ribbons intersecting cherty shale unit. Mild silicification in surrounding 5-10cm of host rock.	40	125
A-18-148	472.44	472.84	0.4	Small veining interval of qtz-carb veining in faulted and internally deformed shale. Veins are hairline to 20cm and range from irregular densely laminated ribbons to large brecciated zones	75	
A-18-148	491.96	1584	1092.04	Laminar planar hairline to 1cm massive qtz-carbonate veins intersecting cherty shale unit regularly orthogonal to cleavage	35	138
A-18-148	492.87	494.82	1.95	Heavily faulted interval with large qtz-carb breccias within cherty shale unit. Veins display significant deformation and have large folds that break along graphitic cleavage faces	75	

A-18-148	506.28	518.84	12.56	Frequent qtz-carbonate veining in nodular barite unit. Veins rarely contain coarse grained brassy yellow pyrite. Veins range in width from hairline to 13cm, and predominantly show irregular ribbon texture. Veins generally are somewhat planar and subparallel to cleavage but range from 20 to 90 degrees TCA. Some larger veining segments have pyrite stringers interlaminated throughout. Some veins display brecciated texture	15	35
A-18-148	353.68	356.11	2.43	Hairline discontinuous fractured ribboning hairline to 8mm qtz-carb veining sequence.	15	38
A-18-148	542.6	543.23	0.63	Thickly interlaminated ribbon qtz-carbonate vein in a heavily graphitic faulted area. Interlaminated stringers of brassy yellow pyrite	75	
A-18-148	552.93	553.53	0.6	Repetitive hairline to 5mm massive planar qtz-carb veins with variable orientation in irregular fractured cherty shale	35	
A-18-148	568.58	572.26	3.68	hairline to 3cm qtz-carbonate veins that display ribbon, feathered and brecciated texture. Associated with a heavily faulted zone	30	
A-18-148	576.31	576.93	0.62	2cm massive qtz-carb veins deformed and anastomosing in texture. Associated with a faulted zone and contains dull brown pyrite stringers	40	
A-18-148	583.2	583.41	0.21	Large qtz-carbonate vein breccia	40	
A-18-148	596.03	596.88	0.85	Large veining interval of qtz-carb+/-minor med grained honey brown sphalerite veins creating a breccia with host shale and cherty sandstone fragments entrained within. Vein displays some irregular ribbon texture	65	
A-18-148	634.83	645.83	11	Large veining interval in Silurian silt stone. Qtz-carb veins create breccia with large angular fragments of silt stone entrained and internally deformed on vein margins. Some hairline to 5cm veins create small segments of laminated ribbon veining, but generally veins lack orientation and form breccias. Very minor interlaminated pyrite.	20	
A-18-148	649.02	649.1	0.08	Small densely laminated interval of ribbon veining	85	65

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	%SULPHIDES	%SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
A-18-148	299.03	300.70	1.67	2696835	4SH - Mostly fault gouge	0	100		VAN18002382	26.2	42.9	182.8	1934	0.7	20014	78	6.5	89	1.72	39	7.4
A-18-148	300.70	301.75	1.05	2696836	4SH	0	100		VAN18002382	30.9	43.8	113.6	887	0.8	9609	97.1	8.4	60	2.29	39	6.9
A-18-148	301.75	302.80	1.05	2696837	4PYSH - Large ~30cm concretion	TR	99		VAN18002382	31	41.3	86.5	1051	0.6	32038	86.7	5.1	343	1.32	29	10.4
A-18-148	302.80	303.84	1.04	2696838	4PYSH	3	97		VAN18002382	34.4	40.7	98.6	1345	0.7	47406	101.4	6.6	115	1.52	34	12.9
A-18-148	303.84	304.97	1.13	2696839	4PYSH	5	95		VAN18002382	46.3	34.9	77.5	1121	0.6	47732	122.7	7	99	1.57	34	14.1
A-18-148	304.97	306.03	1.06	2696840	4PYSH	5	95		VAN18002382	51	57.2	149	811	1	50276	159.7	8.9	96	2.74	69	16
A-18-148	306.03	307.07	1.04	2696841	Large 1m concretion (entire sample)	0	100		VAN18002382	8.7	32.1	42.3	147	<0.5	34682	23.8	1.6	1325	0.54	16	2.9
A-18-148	307.07	308.05	0.98	2696842	4PYSH	TR	99		VAN18002382	32.4	41.8	84.9	1072	0.6	48389	99.6	6.4	117	1.67	33	10.7
A-18-148			0.00	2696843				STD CDN-ME-1306	VAN18002382	21.4	3947.2	15200.4	31688	106.3	694	36.7	26.1	868	8.98	538	1.1
A-18-148	308.05	309.00	0.95	2696844	4PYSH	2	98		VAN18002382	39.4	47.7	111.2	1142	0.7	50384	114.4	6.9	100	1.97	44	12.9
A-18-148	309.00	1584.00	1275.00	2696845	4PYSH	1	99		VAN18002382	39.5	45.1	87.8	1260	0.6	59311	100.7	6.7	104	1.37	30	13.2
A-18-148	309.98	311.03	1.05	2696846	4PYSH	2	98		VAN18002382	35.7	41.3	89.2	1133	0.6	50573	109	6.5	103	1.59	34	12.4
A-18-148	311.03	311.88	0.85	2696847	4PYSH	3	97		VAN18002382	33.9	42.1	85.4	1723	0.6	43093	93.7	6.1	109	1.4	32	11.3
A-18-148	311.88	312.97	1.09	2696848	Large 45cm concretion	TR	99		VAN18002382	20.1	30.3	84.2	821	<0.5	40600	63.1	4.1	771	1.16	26	5.9
A-18-148	312.97	313.96	0.99	2696849	4PYSH	TR	99		VAN18002382	24.6	41.9	128.2	1254	0.6	23609	90.5	6.1	84	1.83	38	7.4
A-18-148	313.96	315.04	1.08	2696850	4SS	TR	99		VAN18002382	12.8	44.9	95.5	884	<0.5	12865	85.5	13.5	173	3.09	30	4.2
A-18-148	315.04	316.08	1.04	2696851	4SS	TR	99		VAN18002382	2.4	22.5	22	224	<0.5	14335	56.4	19.1	230	3.59	16	0.9
A-18-148	316.08	317.05	0.97	2696852	4SS	TR	99		VAN18002382	2.7	32.8	23	169	<0.5	12860	66.3	21.6	746	4.74	20	1
A-18-148			0.00	2696853				COARSE DUPE	VAN18002382	2.7	31.5	23.8	175	<0.5	12974	61.8	21.8	705	4.78	19	1
A-18-148	317.05	318.06	1.01	2696854	4SS	TR	99		VAN18002382	2.2	25	17.3	152	<0.5	9197	54.1	20.1	189	3.28	18	0.6
A-18-148	318.06	319.17	1.11	2696855	4SS	TR	99		VAN18002382	4.7	35.3	28.3	243	<0.5	12366	75.9	17	234	4.4	20	1.2
A-18-148	319.17	320.17	1.00	2696856	4PYSH	2	98		VAN18002382	36	40.5	94.4	1217	0.8	16704	120.4	7.1	146	2.14	35	11.2
A-18-148	320.17	321.20	1.03	2696857	4PYSH	4	96		VAN18002382	43	44.1	117.8	1029	0.8	18318	129.8	7.7	90	2.19	46	12.1
A-18-148	321.20	322.09	0.89	2696858	4PYSH	TR	99		VAN18002382	38.1	47.7	114.9	1189	0.8	30254	113.9	8.2	113	1.85	36	11.8
A-18-148	322.09	323.07	0.98	2696859	4PYSH	2	98		VAN18002382	34.8	47.2	113.5	1022	0.7	41078	104.2	7	104	1.93	39	12.3
A-18-148	323.07	324.07	1.00	2696860	4PYSH	6	94		VAN18002382	40.8	41.8	117.8	1233	0.7	32457	118.8	6.9	96	1.89	42	13.3
A-18-148	324.07	325.11	1.04	2696861	4PYSH	5	95		VAN18002382	41.3	47.6	131.4	899	0.8	32989	119.3	7.9	95	2	46	12.5
A-18-148	325.11	326.16	1.05	2696862	4PYSH	5	95		VAN18002382	32.4	45	90.9	1106	0.6	44062	89.8	6.6	108	1.55	30	10.5
A-18-148			0.00	2696863				BLANK BL-126	VAN18002382	1.9	55.5	3.2	37	<0.5	594	5.5	8.8	406	2.56	<5	0.8
A-18-148	326.16	326.60	0.44	2696864	4PYSH	7	93		VAN18002382	34.3	86.8	91.7	1546	0.7	53931	98.6	6.3	115	1.48	33	12.2
A-18-148	326.60	327.45	0.85	2696865	4PYSH	5	95		VAN18002382	31.1	43.6	85.6	1138	0.7	29647	101.2	6.6	105	2.05	31	9.8
A-18-148	327.45	328.41	0.96	2696866	4FSH	TR	99		VAN18002382	9.7	38.6	21.4	299	<0.5	16043	64.1	8.4	193	2.31	18	2.8
A-18-148	328.41	329.39	0.98	2696867	4FSH	TR	99		VAN18002382	6.1	39.8	16.3	226	<0.5	19460	54.3	8.8	277	2.49	15	1.9
A-18-148	329.39	330.31	0.92	2696868	4FSH	TR	99		VAN18002382	8.2	42.5	16.7	284	0.6	8783	61.7	8.9	156	2.36	17	2.1
A-18-148	330.31	331.32	1.01	2696869	4FSH	TR	99		VAN18002382	8.1	46.4	15.2	285	0.5	7175	60.4	8.2	164	2.44	16	2.1
A-18-148	331.32	332.23	0.91	2696870	4FSH	TR	99		VAN18002382	11	49.2	15.5	281	0.6	6112	74.5	8.1	161	2.39	19	2.8
A-18-148	350.17	351.29	1.12	2696871	4SH	TR	99		VAN18002382	35.4	49.6	133.2	1291	0.7	11323	106.1	5.8	445	1.9	48	17.7
A-18-148	351.29	352.22	0.93	2696872	4SH	TR	99		VAN18002382	45.9	35.7	97.5	1339	0.6	8974	122.7	7.8	68	1.61	29	14.4
A-18-148			0.00	2696873				STD CAN-ME-1306	VAN18002382	23.5	3930.7	17019.8	32169	106.7	728	38.6	25	1029	9.6	561	1.1
A-18-148	352.22	353.30	1.08	2696874	4PYSH	3	97		VAN18002382	29.5	50.6	231	2596	1.1	13788	117.3	6.9	43	2.49	57	11.1
A-18-148	353.30	354.26	0.96	2696875	4PYSH	1	99		VAN18002382	39.2	50.6	222.9	1417	0.9	57031	132	7	138	2.59	51	11
A-18-148	354.26	355.34	1.08	2696876	4PYSH	2	98		VAN18002382	34.5	44	168.5	1081	0.8	44105	124	7.3	128	2.72	47	10.3
A-18-148	355.34	356.28	0.94	2696877	4SH	TR	99		VAN18002382	45	33.4	112.5	1109	0.6	11935	124.8	8.3	48	1.98	33	13.2
A-18-148	356.28	357.26	0.98	2696878	4SH	TR	99		VAN18002382	48.3	37.5	131.2	1201	0.6	16265	132	7.5	57	2.16	38	15.1
A-18-148	357.26	357.85	0.59	2696879	4SH	TR	99		VAN18002382	49	38.5	130.9	1240	0.7	17249	132.5	7.2	40	2.18	38	14.6
A-18-148	357.85	358.87	1.02	2696880	4SH	TR	99		VAN18002382	46.9	39.7	150.6	1310	0.6	27364	130.5	8	70	2.18	38	14.7
A-18-148	358.87	359.74	0.87	2696881	4LBSH	5	95		VAN18002382	39.7	79.6	204.3	1271	0.8	108155	142.2	5.7	89	3.02	65	8.8
A-18-148	359.74	360.57	0.83	2696882	4LBSH - Shale interbed	TR	99		VAN18002382	39.9	30	103.9	1046	0.5	48552	109.6	7.9	94	1.67	30	10.2
A-18-148			0.00	2696883				PULP DUPE	VAN18002382	37.9	26.1	100.8	1042	0.6	47985	106.5	8.2	94	1.66	29	9.6
A-18-148	360.57	361.61	1.04	2696884	4LBSH - Large 20cm concretion	5	95		VAN18002382	22.7	28.9	110	1295	0.6	150992	83.2	5.2	266	1.59	31	6.6
A-18-148	361.61	362.57	0.96	2696885	4LBSH - 2 large 30cm concretions	TR	99		VAN18002382	14.9	22.5	76.4	478	<0.5	133606	48.4	4.2	517	1.2	20	4.5
A-18-148	362.56	362.99	0.43	2696886	4LBSH	TR	99		VAN18002382	18.8	57.7	146.6	250	0.7	38859	83.3	10.7	148	3.12	46	3.9
A-18-148	362.99	364.00	1.01	2696887	4LBSH	2	98		VAN18002382	18.3	47.6	117.5	174	0.6	29265	79.5	9.9	83	2.73	34	3.3
A-18-148	364.00	364.95	0.95	2696888	4LBSH - Large qtz-carbonate vein	TR	99		VAN18002382	16.3	25.2	118.8	682	<0.5	47603	56.5	5	94	1.37	18	4.5
A-18-148	364.95	365.77	0.82	2696889	4LBSH - Large ~50cm concretion	TR	99		VAN18002382	14.8	17.4	40.8	171	<0.5	22550	48	3.1	715	0.91	10	4.8
A-18-148	365.77	366.89	1.12	2696890	4LBSH	6	94		VAN18002382	28.2	40.8	184.7	1572	0.7	27240	96.9	7.4	84	1.96	49	8.7
A-18-148	366.89	367.89	1.00	2696891	4LBSH	7	93		VAN18002382	36.5	43.9	150	1178	0.8	126783	119.8	7.1	101	2.27	40	9.7
A-18-148	367.89	368.72	0.83	2696892	4LBSH	5	95		VAN18002382	40.7	45.5	147.6	1100	0.7	130501	115.9	5.9	85	2.33	44	9
A-18-148			0.00	2696893				BLANK BL-126	VAN18002382	1.6	52.9	3.6	36	<0.5	703	6.2	8.4	422	2.81	<5	0.8
A-18-148	368.72	369.70	0.98	2696894	4SH/4PYSH	TR	99		VAN18002382	46	43.3	158.6	1165	0.8	33673	128.5	7.4	64	2.13	43	13.1
A-18-148	369.70	370.80	1.10	2696895	4SH/4PYSH	1	99		VAN18002382	39.9	54.7	199.3	1711	1.2	50797	123.2	6.4	134	2.66	57	10
A-18-148	370.80	371.94	1.14	2696896	4SH/4PYSH	2	98		VAN18002382	34.9	55	183.4	1915	1.1	36956	133.2	8.3	91	2.74	52	9.6
A-18-148	371.94	372.95	1.01	2696897	4SH/4PYSH	1	99		VAN18002382	19.4	29.3	55.9	629	<0.5	18288	71.1	4.8	108	1.72	20	6.4
A-18-148	372.95	373.99	1.04	2696898	4SH/4PYSH - Large 20cm concretion and 20cm qtz carbonate vein	TR	99		VAN18002382	27.7	41	74.3	621	0.6	16829	93.5	6.4	107	2.2	26	7.6
A-18-148	373.99	374.96	0.97	2696899	4SH/4PYSH	2	98		VAN18002382	38.2	52.4	250.3	2841	1.5	10226	113.4	7.3	91	2.37	65	11.4
A-18-148	374.96	376.08	1.12	2696900	4SH/4PYSH - Shale interbed	TR	99		VAN18002382	30.2	42.9	155.2	1623	1.4	11563	85.2	5.6	521	2.09	52	10.2
A-18-148	376.08	377.17	1.09	2696901	4SH/4PYSH	4	96		VAN18002382	38.3	44.9	160.2	1995	1.2	6593	101.2	6.9	87	2.06	49	13.4
A-18-148	377.17	378.18	1.01	2696902	4SH/4PYSH - Shale interbed	TR	99		VAN18002382	28.6	26.5	91	725	0.5	6888	66.9	5.7	294	1.57	28	11.1
A-18-148			0.00	2696903				STD CDN-ME-1306	VAN18002382	22.3	3907.2	15552.5	31439	105	718	32.3	24.3	919	8.92	586	1.3
A-18-148	378.18	379.20	1.02	2696904	4SH/4PYSH	4	96		VAN18002382	31.7	40.2	178.6	1263	1	7819	111.7	8.1	60	2.28	53	9.4
A-18-148	379.20	380.15	0.95	2696905	4LPSH	9	91		VAN18002382	31.4	32	151.1	1170	0.8	6370	96.8	6.6	62	2.05	45	9.7
A-18-148	380.15	381.08	0.93	2696906	4LPSH	25	75		VAN18002382	40.2	45.2	289.3	2341	1.1	4951	133.2	7.2	95	2.75	78	12.7
A-18-148	381.08	382.18	1.10	2696907	4LPSH	30	70		VAN18002382	43.7	48.2	305	1872	1.3	4890	144.3	6.8	58	3.08	87	14.6
A-18-148	382.18	383.13	0.95	2696908	4LPSH	30	70		VAN18002382	35.2	49.4	367.2	1415	1.5	4424	133.3	6.4	103	3.31	86	12.1
A-18-148	383.13	384.14	1.01	2696909	4LPSH	20	80		VAN18002382	40.5	42.3	237.4	1226	1.2	5929	141.5	7.2	45	2.89	74	14.2
A-18-148	384.14	384.94	0.80	2696910	4LPSH	7	93		VAN18002382	39.5	46.5	254	1485	1.1	6916	128.3	7	65	2.7	69	15

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-148	299.03	300.70	1.67	2696835	2.8	83	13.7	15.2	<0.5	92	0.72	0.027	12.8	7.5	0.18	1045	0.003	0.36	<0.01	0.16	<0.5	0.64	1.9	1.7	1.91	<5	12	2.57	6.72
A-18-148	300.70	301.75	1.05	2696836	3.6	58	5.5	11.8	<0.5	69	0.3	0.029	13.4	7.1	0.14	1058	0.002	0.36	<0.01	0.16	<0.5	0.38	2.1	2.8	2.6	<5	8	2.58	2.7
A-18-148	301.75	302.80	1.05	2696837	3	835	8.4	14.9	<0.5	155	4.73	0.041	10.4	8.4	0.35	3895	0.002	0.47	<0.01	0.1	<0.5	0.33	3.1	1.6	0.91	<5	9	2.57	4.01
A-18-148	302.80	303.84	1.04	2696838	3.3	222	10.2	15	<0.5	131	0.99	0.036	13.9	8	0.27	3022	0.003	0.61	<0.01	0.11	0.5	0.45	2.8	1.9	0.95	<5	10	2.61	3.84
A-18-148	303.84	304.97	1.13	2696839	3.1	123	6.9	11.6	<0.5	141	0.66	0.037	13.6	8.9	0.33	3278	0.003	0.63	<0.01	0.11	<0.5	0.26	3	2.2	0.96	<5	8	2.61	4.43
A-18-148	304.97	306.03	1.06	2696840	3.4	108	5.2	20.4	<0.5	71	0.59	0.045	14.1	8.2	0.28	1084	0.002	1.3	<0.01	0.1	1	0.33	3.8	5.6	2.21	<5	8	2.61	4.18
A-18-148	306.03	307.07	1.04	2696841	0.8	4028	1	5.4	<0.5	56	27.13	0.093	3.9	4.5	0.59	>5000	0.001	0.14	0.02	0.02	<0.5	0.07	1.6	1.3	0.38	<5	<2	2.74	3.96
A-18-148	307.07	308.05	0.98	2696842	3.3	188	7	13.2	<0.5	131	0.76	0.043	13.4	7.8	0.34	3441	0.003	1.51	<0.01	0.1	<0.5	0.21	3.7	2.1	1	<5	10	2.62	3.94
A-18-148			0.00	2696843	1	34	197.5	143.1	10.9	38	1.55	0.041	6.6	45.8	1.59	221	0.011	1.38	<0.01	0.12	0.9	7.75	3.3	8.2	8.1	7	37	2.96	0.08
A-18-148	308.05	309.00	0.95	2696844	3.4	216	7.6	15.1	<0.5	124	0.64	0.044	14.9	10.1	0.29	1934	0.003	1.22	<0.01	0.11	0.5	0.23	3.2	3	1.32	<5	10	2.64	4.87
A-18-148	309.00	1584.00	1275.00	2696845	3.5	586	9.2	14.1	<0.5	157	0.88	0.056	16.3	9.6	0.3	>5000	0.003	1.49	<0.01	0.1	0.5	0.2	4.1	1.9	0.58	<5	10	2.62	4.11
A-18-148	309.98	311.03	1.05	2696846	3.2	154	8.6	13	<0.5	178	0.72	0.05	14.8	12.1	0.32	4052	0.004	1.54	<0.01	0.11	<0.5	0.18	3.9	2.2	0.84	<5	8	2.64	4.15
A-18-148	311.03	311.88	0.85	2696847	3.3	162	13.3	13.8	<0.5	158	0.75	0.055	15.2	9.9	0.35	3730	0.004	1.32	<0.01	0.1	0.5	0.26	3.2	1.8	0.9	<5	11	2.6	3.24
A-18-148	311.88	312.97	1.09	2696848	2.5	1521	5.9	9.9	<0.5	128	13.19	0.063	11	7.3	0.64	>5000	0.002	0.83	<0.01	0.07	<0.5	0.17	2.7	1.5	0.71	<5	7	2.6	4.55
A-18-148	312.97	313.96	0.99	2696849	4.3	134	7.5	12.5	<0.5	94	0.69	0.053	16.7	7.1	0.18	1259	0.004	0.7	<0.01	0.13	0.6	0.17	2	2	1.79	<5	10	2.55	3.59
A-18-148	313.96	315.04	1.08	2696850	5.6	363	5.1	9	<0.5	56	2.11	0.051	20.4	6.9	0.13	676	0.004	0.5	<0.01	0.23	<0.5	0.16	1.9	2.2	3.5	<5	7	2.59	3.98
A-18-148	315.04	316.08	1.04	2696851	8.3	295	0.8	3.8	<0.5	14	1.24	0.05	28.2	4.9	0.19	514	0.003	0.5	<0.01	0.28	<0.5	0.07	2.8	1.1	4.05	<5	<2	2.6	4.1
A-18-148	316.08	317.05	0.97	2696852	7.6	437	0.8	4.6	<0.5	16	2.44	0.039	25.2	6.3	0.83	352	0.003	0.55	<0.01	0.29	<0.5	0.08	4.3	1.4	5.27	<5	2	2.6	4.29
A-18-148			0.00	2696853	7.7	435	0.8	4.9	<0.5	13	2.38	0.035	24.1	4.4	0.81	359	0.003	0.46	<0.01	0.27	<0.5	0.06	3.8	1.4	5.3	<5	3	2.68	
A-18-148	317.05	318.06	1.01	2696854	7.9	207	<0.5	4	<0.5	11	0.85	0.047	27.1	5.9	0.18	809	0.004	0.56	<0.01	0.33	<0.5	0.05	2.8	1.6	3.8	<5	<2	2.68	4.21
A-18-148	318.06	319.17	1.11	2696855	6.5	355	1.2	5.1	<0.5	22	1.48	0.037	21.4	5.3	0.25	347	0.003	0.43	<0.01	0.25	<0.5	0.05	3.1	1.5	5.12	<5	4	2.61	5.15
A-18-148	319.17	320.17	1.00	2696856	3.3	219	7	11.8	<0.5	101	0.98	0.038	15.3	7	0.36	917	0.003	0.4	<0.01	0.14	0.7	0.18	2	2.7	2.39	<5	10	2.48	3.32
A-18-148	320.17	321.20	1.03	2696857	3.8	130	6.6	14.4	<0.5	89	0.61	0.048	15.5	5.8	0.27	1093	0.003	0.41	<0.01	0.13	0.7	0.22	1.8	3.6	2.35	<5	9	2.51	4.04
A-18-148	321.20	322.09	0.89	2696858	3.5	151	7.6	12.4	<0.5	94	0.68	0.017	14.8	7.2	0.37	892	0.002	0.37	<0.01	0.13	0.6	0.29	2.3	2.9	1.88	<5	9	2.51	3.56
A-18-148	322.09	323.07	0.98	2696859	2.9	158	6.9	13	<0.5	91	1.18	0.029	11.8	5.1	0.61	818	0.002	0.6	<0.01	0.1	0.6	0.25	2.3	3	1.9	<5	9	2.54	4.11
A-18-148	323.07	324.07	1.00	2696860	3.4	124	7.7	14.1	<0.5	144	0.58	0.062	15.4	10.5	0.26	1624	0.004	0.9	<0.01	0.14	0.7	0.21	2.9	3.5	1.7	<5	10	2.52	4.01
A-18-148	324.07	325.11	1.04	2696861	3.9	104	5	15.1	<0.5	87	0.6	0.05	15.8	7.7	0.31	1327	0.003	0.81	<0.01	0.13	0.7	0.19	2.8	4.1	1.92	<5	6	2.53	4.26
A-18-148	325.11	326.16	1.05	2696862	3.1	441	7.4	11.3	<0.5	149	0.78	0.053	14.6	10.1	0.32	2891	0.004	0.95	<0.01	0.12	0.5	0.2	2.6	2	1	<5	8	2.56	4.51
A-18-148			0.00	2696863	2.6	68	<0.5	<0.5	<0.5	95	0.86	0.054	6.8	12.4	0.69	117	0.133	1.51	0.16	0.18	2.6	<0.05	2.8	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-148	326.16	326.60	0.44	2696864	3.4	586	11.5	17.1	<0.5	190	0.98	0.051	15.9	10.1	0.36	>5000	0.004	1.47	<0.01	0.1	<0.5	0.26	5.9	1.9	0.74	<5	10	2.53	1.69
A-18-148	326.60	327.45	0.85	2696865	3.8	130	8.5	13.9	<0.5	111	0.8	0.052	15.3	7.7	0.33	1726	0.004	0.75	<0.01	0.13	0.6	0.2	3	2.4	1.86	<5	7	2.49	2.99
A-18-148	327.45	328.41	0.96	2696866	5.1	663	2.3	5.6	<0.5	56	4.21	0.066	17.5	10.2	0.55	1615	0.005	0.45	<0.01	0.18	<0.5	<0.05	4.4	1.3	2.45	<5	5	2.51	3.88
A-18-148	328.41	329.39	0.98	2696867	5.4	772	1.7	5.1	<0.5	37	5.7	0.053	17.1	7.7	0.54	1133	0.003	0.41	<0.01	0.16	<0.5	<0.05	5	1.3	2.48	<5	5	2.54	4.28
A-18-148	329.39	330.31	0.92	2696868	6.2	443	2.3	5.7	<0.5	46	2.75	0.094	19.8	9.8	0.39	1425	0.006	0.48	0.01	0.2	<0.5	0.07	4.2	1.7	2.52	<5	4	2.51	4.01
A-18-148	330.31	331.32	1.01	2696869	6.1	531	2.3	5.7	<0.5	37	3.1	0.079	19.7	7.2	0.34	1467	0.004	0.43	0.01	0.17	<0.5	<0.05	4.2	1.8	2.63	<5	4	2.54	3.88
A-18-148	331.32	332.23	0.91	2696870	7	445	2	6.1	<0.5	49	2.29	0.079	22.6	10.5	0.37	1079	0.006	0.49	0.01	0.22	<0.5	0.09	3.2	2	2.55	<5	3	2.48	3.85
A-18-148	350.17	351.29	1.12	2696871	3.5	703	8.2	13.2	<0.5	119	6.11	0.043	14	6.1	0.19	1590	0.004	0.36	<0.01	0.13	0.9	0.19	1.8	5.3	2.13	<5	13	2.5	4.92
A-18-148	351.29	352.22	0.93	2696872	4.1	103	8.9	10.1	<0.5	131	0.59	0.041	16.5	6.4	0.12	1068	0.005	0.42	<0.01	0.16	0.6	0.15	1.9	3.1	1.77	<5	11	2.42	2.61
A-18-148			0.00	2696873	1	39	199.6	164.9	12.5	36	1.66	0.044	7	47.8	1.68	236	0.012	1.4	0.01	0.13	0.8	7.98	4	8.5	8.25	7	40	2.85	0.08
A-18-148	352.22	353.30	1.08	2696874	4.8	59	16.7	19.5	<0.5	130	0.35	0.052	19.6	8.6	0.06	1074	0.005	0.54	<0.01	0.18	0.6	0.37	1.4	8	2.77	<5	17	2.47	4.49
A-18-148	353.30	354.26	0.96	2696875	4.3	756	9.7	16.1	<0.5	213	1.41	0.048	19	14.4	0.35	1133	0.016	0.36	<0.01	0.13	0.8	0.24	4	8.8	2.16	<5	12	2.53	3.78
A-18-148	354.26	355.34	1.08	2696876	5.4	436	7.2	14.1	<0.5	201	2.66	0.056	17.5	17.3	0.14	689	0.009	0.48	<0.01	0.17	0.6	0.21	3.2	8.4	2.67	<5	9	2.56	4.92
A-18-148	355.34	356.28	0.94	2696877	4.8	54	7.2	9.6	<0.5	135	0.19	0.055	19.1	7.8	0.09	1551	0.005	0.47	<0.01	0.19	0.8	0.24	2.3	5.1	2.22	<5	8	2.47	4.5
A-18-148	356.28	357.26	0.98	2696878	4.9	68	8	11.2	<0.5	166	0.54	0.06	20.3	10.7	0.1	1227	0.006	0.56	<0.01	0.21	0.7	0.26	3.1	5.4	2.4	<5	8	2.5	4.56
A-18-148	357.26	357.85	0.59	2696879	4.7	44	7.7	11.4	<0.5	146	0.18	0.061	19	8.3	0.07	1515	0.005	0.55	<0.01	0.18	0.6	0.23	2.1	5.8	2.41	<5	11	2.51	2.81
A-18-148	357.85	358.87	1.02	2696880	4.6	73	7.9	13.5	<0.5	187	0.37	0.052	19.2	12	0.13	1894	0.006	0.79	<0.01	0.18	0.6	0.2	3.3	6.1	2.26	<5	8	2.57	3.32
A-18-148	358.87	359.74	0.87	2696881	3.3	514	7.7	17.9	<0.5	262	1.3	0.049	14.5	14.6	0.24	1238	0.004	1.92	<0.01	0.09	0.6	0.26	9.1	10.2	1.56	<5	10	2.77	4.01
A-18-148	359.74	360.57	0.83	2696882	4.2	104	7.3	12.2	<0.5	198	0.61	0.045	17.4	14.2	0.24	2793	0.005	1.41	<0.01	0.16	<0.5	0.2	5.9	3.1	1.23	<5	10	2.63	3.93
A-18-148			0.00	2696883	4.1	121	7	11.5	<0.5	195	0.61	0.04	16.7	13.3	0.24	2594	0.005	1.4	<0.01	0.16	<0.5	0.13	5.6	2.9	1.22	<5	8	2.63	
A-18-148	360.57	361.61	1.04	2696884	3.2	813	8.1	14.2	<0.5	383	4.11	0.045	14.2	22.8	0.27	>5000	0.005	1.74	<0.01	0.07	<0.5	0.15	10.1	3.9	0.16	<5	7	2.87	4.78
A-18-148	361.61	362.57	0.96	2696885	2.5	1274	3.2	8.2	<0.5	137	14.42	0.055	10.4	10.4	0.35	>5000	0.003	0.53	<0.01	0.04	<0.5	<0.05	5	2.7	0.15	<5	5	2.85	3.98
A-18-148	362.56	362.99	0.43	2696886	6.3	125	1.6	12.1	<0.5	70	0.72	0.07	24	19.8	0.39	688	0.006	0.48	<0.01	0.24	<0.5	<0.05	5.6	6.8	3.28	<5	4	2.67	2.06
A-18-148	362.99	364.00	1.01	2696887	7	89	1	9.9	<0.5	85	0.4	0.075	24.9	14.9	0.19	861	0.007	0.58	<0.01	0.27	<0.5	0.09	4.1	5.3	2.9	<5	5	2.67	4.61
A-18-148	364.00	364.95	0.95	2696888	3.7	407	4.2	5.4	<0.5	101	1.2	0.049	15	16.2	0.26	3849	0.007	0.36	<0.01	0.14	0.5	<0.05	3	2.2	1.01	<5	4	2.64	4.36
A-18-148	364.95	365.77	0.82	2696889	2.3	1714	0.7	3.8	<0.5	137	17.05	0.098	10.8	6.4	0.58	4379	0.003	0.3	<0.01	0.09	<0.5	<0.05	3.4	1.2	0.93	<5	2	2.63	3.57
A-18-148	365.77	366.89	1.12	2696890	4.7	83	9.5	13.2	<0.5	132	0.5	0.051	19.9	11.6	0.24	1318	0.005	0.59	<0.01	0.18	0.5	0.12	3.5	4.6	2.08	<5	9	2.57	4.21
A-18-148	366.89	367.89	1.00	2696891	4	832	7.6	17.9	<0.5	579	0.49	0.045	18.7	32.3	0.32	>5000	0.011	2.54	<0.01	0.1	<0.5	0.17	12.8	5.1	0.33	5	10	2.79	4.2
A-18-148	367.89	368.72	0.83	2696892	3.5	792	6.6	16.6	<0.5	482	0.98	0.047	16.6	29.6	0.33	>5000	0.011	2.62	<0.01	0.07	<0.5	0.14	11.4	6.5	0.31	<5	7	2.81	3.56
A-18-148			0.00	2696893	2.8	80	<0.5	<0.5	<0.5	95	0.97	0.054	7.4	10.1	0.71	123	0.144	1.59	0.18	0.19	2.3	<0.05	2.7	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-148	368.72	369.70	0.98	2696894	4.3	71	7.3	16.5	<0.5	177	0.31	0.052	18.8	10.8	0.14	1719	0.006	1.4	<0.01	0.17	0.6	0.16	5.8	6.2	1.78	<5	10	2.6	4.13
A-18-148	369.70	370.80	1.10	2696895	3.6	303	10	18.6	<0.5	161	1.36	0.045	16.5	13.9	0.38	906	0.004	1.4	<0.01	0.14	0.7	0.23	5.1	9.4	2.25	<5	11	2.64	5
A-18-148	370.80	371.94	1.14	2696896	4.5	147	12.8	21.4	<0.5	139	0.75	0.052	18.5	9.8	0.17	913	0.005	1.47	<0.01	0.17	0.6	0.23	4.9	9.1	2.42	<5	11	2.61	3.7
A-18-148	371.94	372.95	1.01	2696897	4.7	183	5.1	8.5	<0.5	91	0.93	0.041	17.3	9.1	0.18	2488	0.005	0.73	<0.01	0.18	<0.5	0.11	2.8	2.9	1.6	<5	5	2.6	4.55
A-18-148	372.95	373.99	1.04	2696898	5.8	290	5	10.6	<0.5	101	1.65	0.049	22.3	8.3	0.12	1750	0.005	0.71	<0.01	0.21	0.5	0.08	3	3.8	2.27	<5	6	2.55	5.51
A-18-148	373.99	374.96	0.97	2696899	4.5	138	21.1	22.4	<0.5	159	0.68	0.05	18.6	8.7	0.08	802	0.006	0.54	<0.01	0.23	1	0.27	2.2	8.3	2.65	<5	19	2.53	3.81
A-18-148	374.96	376.08	1.12	2696900	3.4	555	13.8	18.8	<0.5	150	7.56	0.051	12.6	7.4	0.26	956	0.005	0.42	<0.01	0.17	2.5	0.22	1.9	6	2.22	<5	12	2.56	4.53
A-18-148	376.08	377.17	1.09	2696901	5.5	93	15.7	19.5	<0.5	141	0.55	0.051	17.3	6.6	0.06	920	0.006	0.53	<0.01	0.22	1.4	0.22	1.6	6.6	2.38	<5	15	2.51	4.42
A-18-148	377.17	378.18	1.01	2696902	6.5	301	6.2	9.5	0.5	92	2.14	0.049	15.7	3.7	0.07	1554	0.005	0.57	<0.01	0.22	1.4	0.09	1.8	3.9	1.67	<5	6	2.55	4.52
A-18-148			0.00	2696903	1.3	38	214.1	167.7	12.7	36	1.54	0.045	8	41.3	1.58	238	0.012	1.39	0.01	0.12	0.9	8.84	3.3	9.5	7.92	6	38	2.9	0.08
A-18-148	378.18	379.20	1.02	2696904	6	108	10	16.9	<0.5	109	0.62	0.053	21.1	6.3	0.05	1283	0.005	0.52	<0.01	0.21	0.9	0.18	2.2	7.3	2.65	<5	12	2.55	4.58
A-18-148	379.20	380.15	0.95	2696905	4.9	74	7.6	12.6	<0.5	139	0.37	0.053	19.5	7.4	0.07	1337	0.007	0.6	<0.01	0.23	0.7	0.15	1.8	7.4	2.28	<5	9	2.53	3.32
A-18-148	380.15	381.08	0.93	2696906	4.6	162	14.7	19.6	<0.5	134	0.77	0.047	17.8	6.5	0.06	1012	0.006	0.49	<0.01	0.2	0.8	0.27	2.2	11.1	3.18	<5	13	2.5	3.45
A-18-148	381.08	382.18	1.10	2696907	4.8	55	10.1	18.6	<0.5	158	0.3	0.041	17.2	6.5	0.06	880	0.007	0.52	<0.01	0.2	0.8	0.21	2.1	13.8	3.54	<5	13	2.55	5.24
A-18-148	382.18	383.13	0.95	2696908	4.7	146	7	20.4	<0.5	134	0.9	0.069	18.1	7.1	0.22	832	0.007	0.51	<0.01	0.2	0.7	0.2	1.9	13.9	3.78	<5	12	2.55	3.6
A-18-148	383.13	384.14	1.01	2696909	4.8	37	5.5	16.5	<0.5	125	0.2	0.045	18.6	5.9	0.05	906	0.006	0.52	<0.01	0.2	0.8	0.21	1.8	10.4	3.26	<5	9	2.5	3.54
A-18-148	384.14	384.94	0.80	2696910	4.9	124	7.6	19.3	<0.5	123	0.68	0.045	18.6	6.4	0.05	1090	0.006	0.5	<0.01	0.19	0.8	0.27	1.9	11	3.08	<5	9	2.53	3.32

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	%SULPHIDES	%SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
A-18-148	384.94	385.35	0.41	2696911	4LPSH	8	92		VAN18002382	38.9	53.3	284.6	910	1.8	8908	144.6	6.7	59	3.08	86	13.2
A-18-148	385.35	386.01	0.66	2696912	4SH	1	99		VAN18002382	45.9	35.5	103.2	1966	0.9	8647	95.4	6.9	107	1.7	38	20.2
A-18-148				2696913				COARSE DUPE	VAN18002382	48.5	38.7	110.1	1936	0.9	9365	102.5	6.8	94	1.71	40	23.2
A-18-148	386.01	386.99	0.98	2696914	4SH	TR	99		VAN18002382	58.7	43.2	97.7	877	0.9	10254	122.9	8.4	35	1.98	35	24.3
A-18-148	390.87	391.87	1.00	2696915	4SH	TR	99		VAN18002382	28.3	64.4	72.1	649	0.6	11454	54.3	4.3	193	0.92	18	15.3
A-18-148	391.87	392.87	1.00	2696916	4SH	TR	99		VAN18002382	42.8	49.6	212.7	1210	1.4	8527	144	7.4	66	2.99	74	13.9
A-18-148	392.87	393.70	0.83	2696917	4PYSH	50	50		VAN18002382	37.2	48.3	278.4	1102	1.3	5281	141.2	6.3	97	3.43	91	11.2
A-18-148	393.70	394.50	0.80	2696918	4PYSH	2	98		VAN18002382	42.1	38.5	275.2	2483	1	5901	132.2	6.8	78	2.96	74	12.6
A-18-148	394.50	395.48	0.98	2696919	4PYSH - entirely rubble	TR	99		VAN18002382	36.6	46.5	263.9	1175	1.2	7736	138.5	6.2	106	3.45	98	10.3
A-18-148	417.25	418.27	1.02	2696920	4SH/4LPSH	1	99		VAN18002382	35.1	51.4	227.8	4319	1.4	7845	112.1	7.7	47	2.14	71	11.1
A-18-148	418.27	419.26	0.99	2696921	4SH/4LPSH	15	85		VAN18002382	32.5	63.2	221.6	2076	1.7	6199	113.5	6.4	42	2.25	87	9.7
A-18-148	419.26	420.21	0.95	2696922	4SH/4LPSH	5	95		VAN18002382	33.6	55.9	177.8	2807	1.5	7272	111.2	6.5	49	2.28	73	11
A-18-148			0.00	2696923				BLANK BL-126	VAN18002382	1.7	50.5	3.4	38	<0.5	579	4.9	8.3	404	2.59	<5	0.7
A-18-148	429.64	430.63	0.99	2696924	4SH	TR	99		VAN18002382	46.6	44.5	70.1	1967	0.7	11363	103.9	7.2	79	1.64	37	15.2
A-18-148	430.63	431.68	1.05	2696925	4PYSH	20	80		VAN18002382	45	51.5	197.8	606	1.2	9202	141.8	7.2	78	3.73	83	12.5
A-18-148	431.68	432.35	0.67	2696926	4PYSH	25	75		VAN18002382	44.9	42.9	162.1	1710	0.7	9752	122.2	8.3	47	2.87	63	13.5
A-18-148	432.35	433.33	0.98	2696927	4PYSH	10	90		VAN18002382	37.3	37.6	155.2	1572	0.7	7090	118.3	7.3	163	2.87	62	10.8
A-18-148	433.33	434.17	0.84	2696928	4PYSH	30	70		VAN18002382	41.8	54.5	220.9	769	1.1	11303	140.1	7.1	66	3.64	83	11.4
A-18-148	434.17	435.17	1.00	2696929	4PYSH	15	85		VAN18002382	45.8	48.3	189.6	705	1	9043	126.2	7.7	57	3.14	68	11.8
A-18-148	435.17	436.14	0.97	2696930	4PYSH - Shale interbed	1	99		VAN18002382	28.9	34.1	89.4	1269	<0.5	9259	92.9	8	49	1.72	27	8.9
A-18-148	436.14	437.14	1.00	2696931	4PYSH - Shale interbed	2	98		VAN18002382	35.7	46.1	110.8	2329	0.8	7827	106.9	7.6	64	2	37	9.5
A-18-148	437.14	438.15	1.01	2696932	4PYSH - Shale interbed	TR	99		VAN18002382	29.8	46.1	93.7	2555	0.8	7819	99.7	7.5	118	1.87	34	8.8
A-18-148			0.00	2696933			100	STD CDN-ME-1306	VAN18002382	21.1	3727.6	16236.4	29978	102.7	691	35.2	24.5	997	9.07	536	1.2
A-18-148	438.15	439.22	1.07	2696934	4PYSH - Shale interbed	1.00	99		VAN18002382	35.3	45.7	113.2	1582	0.9	6704	99.1	7.3	132	2.17	40	8.8
A-18-148	439.22	440.13	0.91	2696935	4PYSH - Shale interbed	TR	99		VAN18002382	38.9	45.5	112.8	1876	0.7	7014	101.8	8.2	98	2.28	39	8.3
A-18-148	440.13	441.05	0.92	2696936	4PYSH - Shale interbed	5.00	95		VAN18002382	41.4	39	131.4	1129	0.7	7417	104.3	7.9	65	2.59	43	11.2
A-18-148	441.05	442.08	1.03	2696937	4PYSH	30.00	70		VAN18002382	44.9	43.8	204.3	1137	0.8	8412	126.4	7.2	149	3.39	74	12
A-18-148	442.08	443.11	1.03	2696938	4PYSH	35.00	65		VAN18002382	41.8	48.6	283.2	2008	1	5126	143.9	7.1	154	4.12	93	10.9
A-18-148	443.11	444.11	1.00	2696939	4PYSH	10.00	90		VAN18002382	35.3	39.7	202.9	1485	0.8	7299	113.5	6.2	182	3.22	63	10.4
A-18-148	444.11	445.11	1.00	2696940	4PYSH	15.00	85		VAN18002382	51.5	37.2	163.9	1746	0.7	11883	119.3	7.7	155	2.89	55	13.8
A-18-148	445.11	446.11	1.00	2696941	4PYSH - 2 large concretions	10.00	90		VAN18002382	30.5	38.5	141	1302	0.7	7832	106.6	6.8	817	2.66	53	9.7
A-18-148	446.11	447.08	0.97	2696942	4PYSH	3.00	97		VAN18002382	41.3	40.1	153.4	62	0.7	6185	133.9	7.8	52	2.98	56	12.3
A-18-148			0.00	2696943				PULP DUPE	VAN18002382	43.9	42.9	158.1	64	0.8	5875	132.6	7.9	51	3.01	61	13.5
A-18-148	447.08	448.18	1.10	2696944	4PYSH	30.00	70		VAN18002382	44.9	48	207.4	462	1.1	5084	132.8	7.3	347	3.87	82	10.6
A-18-148	448.18	448.96	0.78	2696945	4PYSH	40.00	60		VAN18002382	47.7	46.1	231.2	1484	0.9	4516	131.9	7.2	59	3.77	81	12.2
A-18-148	448.96	449.80	0.84	2696946	4PYSH	10.00	90		VAN18002382	37	36.2	169.6	834	0.8	4031	103.8	6.5	356	2.85	58	10.2
A-18-148	449.80	450.74	0.94	2696947	4SH - large veining interval	1.00	99		VAN18002382	56.6	59.2	81.6	2411	1.1	6925	120.8	9.5	193	1.99	41	18.7
A-18-148	450.74	451.83	1.09	2696948	4SH	TR	99		VAN18002382	66.2	63.4	68.5	2264	1.2	7295	125.2	9.5	89	2.11	45	20.9
A-18-148	457.86	458.89	1.03	2696949	4CSH	TR	99		VAN18002382	10.6	7	8.1	193	<0.5	2267	16.7	1.5	1350	0.56	<5	3
A-18-148	458.89	459.90	1.01	2696950	4CSH	2.00	98		VAN18002382	18.1	21.9	49	492	<0.5	5942	41.3	2.3	227	1.91	17	4.7
A-18-148	459.90	461.05	1.15	2696951	4SH/4PYSH	10.00	90		VAN18002382	44.7	45.6	179.5	991	1	6026	122.8	7.5	59	3.21	65	12.6
A-18-148	461.05	462.08	1.03	2696952	4SH/4PYSH	15.00	85		VAN18002382	42.2	47.5	172.9	1250	1.1	4709	117.4	6.8	54	2.77	61	12.5
A-18-148			0.00	2696953				BLANK BL-126	VAN18002382	1.9	51.8	3.4	34	<0.5	548	4.6	8.3	420	2.79	<5	0.7
A-18-148	462.08	463.05	0.97	2696954	4SH/4PYSH	25.00	75		VAN18002382	39.5	56	221.8	2768	1.5	5435	112.1	7.2	51	2.59	64	11.1
A-18-148	463.05	464.09	1.04	2696955	4SH/4PYSH	25.00	75		VAN18002382	44.8	49	225	2248	1.2	6224	109.1	7.4	79	2.57	63	12
A-18-148	464.09	465.08	0.99	2696956	4SH/4PYSH	25.00	75		VAN18002382	44.5	45.5	222.5	1749	1	5906	114.7	7.2	110	2.73	67	11.4
A-18-148	465.08	466.09	1.01	2696957	4SH/4PYSH	45.00	55		VAN18002382	38.2	42.5	218.2	1316	1	6429	124.8	7.7	43	2.99	72	12.1
A-18-148	466.09	467.17	1.08	2696958	4SH/4PYSH	35.00	65		VAN18002382	35	47	209.6	1299	0.9	10533	129.2	7.7	40	2.92	65	10.5
A-18-148	467.17	468.00	0.83	2696959	4SH/4PYSH	15.00	85		VAN18002382	33.3	41.2	194.9	1308	0.7	7213	118.3	9.9	51	2.78	62	10.7
A-18-148	468.00	469.01	1.01	2696960	4SH/4PYSH	70.00	30		VAN18002382	33.9	41	258.7	1709	0.9	6021	126.9	7.9	42	3.13	78	11.3
A-18-148	469.01	470.02	1.01	2696961	4SH/4PYSH	30.00	70		VAN18002382	32.4	41.1	226.2	1100	0.9	4868	110.7	7.2	36	2.76	70	9.4
A-18-148	470.02	471.01	0.99	2696962	4SH/4PYSH	15.00	85		VAN18002382	30.5	41.9	231.7	1067	1	4167	109.3	7.7	1327	2.61	75	9.6
A-18-148			0.00	2696963				STD CDN-ME-1306	VAN18002382	22.1	3766	15105.4	30527	104.4	683	35.9	23.6	987	9.25	542	1.1
A-18-148	471.01	472.05	1.04	2696964	4SH/4PYSH	20.00	80		VAN18002382	34.8	52.5	260.1	1417	1.3	5198	122.2	7.2	44	2.67	79	11.7
A-18-148	472.05	473.04	0.99	2696965	4SH/4PYSH	15.00	85		VAN18002382	29.5	54.6	290.7	1882	1.4	4466	113.7	7.9	80	2.79	80	8.1
A-18-148	473.04	473.96	0.92	2696966	4SH/4PYSH - Shale interbed	3.00	97		VAN18002382	36	35.2	206.8	1714	0.6	4790	94.3	8.1	66	2.16	55	10.3
A-18-148	473.96	475.01	1.05	2696967	4SH/4PYSH	35.00	65		VAN18002382	34.8	48	303.9	1498	0.9	4954	120.4	7.2	52	3.64	78	8.8
A-18-148	475.01	476.04	1.03	2696968	4SH/4PYSH	15.00	85		VAN18002382	35.9	36.5	236.3	1821	0.6	4224	111.9	8	206	2.69	67	9.7
A-18-148	476.04	477.01	0.97	2696969	4SH/4PYSH	25.00	75		VAN18002382	35.3	47.8	305.3	1181	0.9	4174	136.9	7.9	110	3.97	86	10.2
A-18-148	477.01	478.02	1.01	2696970	4SH/4PYSH	30.00	70		VAN18002382	36.4	40.6	252.2	1615	0.7	4681	119.8	8	60	3.46	71	10.9
A-18-148	478.02	479.00	0.98	2696971	4SH/4PYSH	7.00	93		VAN18002382	30.3	46.4	194	863	0.5	6359	108.4	10.7	66	2.77	46	7.8
A-18-148	479.00	480.00	1.00	2696972	4SH/4PYSH	10.00	90		VAN18002382	38	49.7	228.3	1201	0.7	6324	126.9	11.2	88	3.23	63	11
A-18-148			0.00	2696973				COARSE DUPE	VAN18002382	38	42.9	220.5	1144	0.6	6325	123.4	10.4	83	3.24	62	10.6
A-18-148	480.00	480.86	0.86	2696974	4SH/4PYSH	13.00	87		VAN18002382	43.3	41.7	243.6	1019	0.8	5557	128.5	7.3	108	3.89	72	11.4
A-18-148	480.86	481.56	0.70	2696975	4SH/4PYSH	5.00	95		VAN18002382	40.1	46.6	224.8	406	0.9	5728	126.9	8.2	87	3.75	72	10.3
A-18-148	481.56	482.51	0.95	2696976	4SH/4PYSH - Shale interbed	TR	99		VAN18002382	33.6	46	151.3	2174	0.7	8693	109.1	7.9	51	2.41	49	8.9
A-18-148	502.46	503.20	0.74	2696977	4PYSH - SPOT SAMPLE	30.00	70		VAN18002382	25.7	64	43.2	14	0.7	20159	65.6	10.7	188	4.91	31	7.4
A-18-148	513.06	514.06	1.00	2696978	4PYSH - SPOT SAMPLE	15.00	85		VAN18002382	16.6	44.4	20.8	161	<0.5	19164	58.7	10.1	231	4.21	25	5.4
A-18-148	546.45	547.08	0.63	2696979	4SH/4PYSH	4.00	96		VAN18002382	19.8	39.4	19.7	161	<0.5	35613	60.8	10.7	134	3.33	23	5.9
A-18-148	547.08	547.83	0.75	2696980	4SH/4PYSH - shale interbed	TR	99		VAN18002382	26.1	26.4	11.4	477	<0.5	31111	78.8	9.5	83	1.85	19	6.6
A-18-148	547.83	548.80	0.97	2696981	4PYSH	25.00	75		VAN18002382	19.7	43.6	16.9	230	<0.5	21573	58.5	10.1	227	4.02	22	5.7
A-18-148	548.80	549.86	1.06	2696982	4PYSH	12.00	88		VAN18002382	13.2	37.9	20.1	170	<0.5	21349	54.1	9.3	292	3.72	22	3.9
A-18-148			0.00	2696983			100	BLANK BL-126	VAN18002382	1.8	51.4	3.2	40	<0.5	636	5.5	8.2	434	2.79	<5	0.9

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-148	384.94	385.35	0.41	2696911	4.6	174	6.2	30.8	<0.5	124	0.76	0.04	17.9	5.4	0.05	826	0.006	0.6	<0.01	0.18	0.7	0.3	1.9	13.5	3.41	<5	12	2.54	2.28
A-18-148	385.35	386.01	0.66	2696912	4	310	17.5	16.3	<0.5	165	1.73	0.045	16.1	6.1	0.06	2147	0.006	0.49	<0.01	0.15	0.6	0.34	1.6	3.7	1.88	<5	12	2.49	2.24
A-18-148				2696913	4.4	267	17.9	16.5	<0.5	180	1.56	0.046	16.9	7.3	0.06	2168	0.006	0.54	<0.01	0.17	0.7	0.32	2	3.2	1.91	<5	12	2.5	
A-18-148	386.01	386.99	0.98	2696914	4.8	33	10.1	20.7	<0.5	221	0.42	0.04	18.1	6.5	0.05	1452	0.006	0.64	<0.01	0.19	0.8	0.19	1.8	3.6	2.22	<5	15	2.43	3.21
A-18-148	390.87	391.87	1.00	2696915	2.1	697	7	31.5	<0.5	96	3.64	0.024	9.3	9.7	0.05	4110	0.004	0.27	<0.01	0.07	<0.5	0.09	1.2	1.6	0.86	<5	6	2.52	3.89
A-18-148	391.87	392.87	1.00	2696916	4.6	103	6.9	21.9	<0.5	117	0.69	0.045	17.2	5.8	0.05	843	0.005	0.53	<0.01	0.18	0.7	0.24	1.3	9.5	3.41	<5	11	2.24	3.65
A-18-148	392.87	393.70	0.83	2696917	4.2	145	5.3	17.3	<0.5	135	0.91	0.064	15.1	7.1	0.15	782	0.007	0.51	<0.01	0.21	0.7	0.27	1.7	12.2	4	<5	13	2.54	3.49
A-18-148	393.70	394.50	0.80	2696918	4.2	103	10.7	13.5	<0.5	153	0.69	0.044	15.5	7.5	0.07	1034	0.007	0.55	<0.01	0.21	0.6	0.38	1.9	10.4	3.47	<5	12	2.52	3.17
A-18-148	394.50	395.48	0.98	2696919	3.2	187	5.5	15.1	<0.5	133	1.19	0.044	12	6.9	0.06	639	0.006	0.5	0.02	0.2	0.6	0.25	1.4	11.4	3.97	<5	15	2.37	2.43
A-18-148	417.25	418.27	1.02	2696920	3.7	50	28.9	29.4	<0.5	134	0.38	0.037	15.2	7	0.05	1317	0.004	0.52	<0.01	0.21	<0.5	0.42	1.7	7.7	2.68	<5	23	2.51	3.98
A-18-148	418.27	419.26	0.99	2696921	3.4	45	14.4	34.7	<0.5	136	0.28	0.039	15.2	7.3	0.05	1084	0.004	0.49	<0.01	0.2	0.5	0.29	1.2	8.1	2.64	<5	27	2.5	3.11
A-18-148	419.26	420.21	0.95	2696922	3.6	50	19.1	32.4	<0.5	148	0.42	0.041	14.1	7.5	0.05	1155	0.006	0.5	<0.01	0.21	0.5	0.35	1.5	7.5	2.64	<5	24	2.49	3.74
A-18-148			0.00	2696923	2.5	76	<0.5	<0.5	<0.5	95	0.91	0.058	6.6	9.5	0.69	116	0.142	1.57	0.17	0.19	2.5	<0.05	2.9	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-148	429.64	430.63	0.99	2696924	3.4	107	13	21.1	<0.5	141	1.05	0.047	13.5	7	0.05	1373	0.005	0.49	<0.01	0.16	0.6	0.35	1.4	2.7	1.88	<5	15	2.45	3.83
A-18-148	430.63	431.68	1.05	2696925	3.8	96	3.2	24.3	<0.5	126	0.74	0.054	14	8	0.05	613	0.01	0.55	<0.01	0.21	<0.5	0.32	1.4	9.9	4.22	<5	14	2.51	4.01
A-18-148	431.68	432.35	0.67	2696926	4.1	25	7.9	11.9	<0.5	104	0.23	0.048	16.2	7.4	0.04	868	0.018	0.53	<0.01	0.19	0.8	0.33	1.6	7.4	3.37	<5	9	2.45	2.78
A-18-148	432.35	433.33	0.98	2696927	4.8	148	8.8	10.5	<0.5	155	1.25	0.076	16.8	9.5	0.17	986	0.012	0.72	<0.01	0.28	0.7	0.28	2.1	7.2	3.26	<5	10	2.5	3.49
A-18-148	433.33	434.17	0.84	2696928	4	52	5.3	16.2	<0.5	119	0.48	0.051	14.8	7.7	0.06	493	0.005	0.7	<0.01	0.21	0.8	0.32	1.6	9.5	4.08	<5	14	2.47	3.4
A-18-148	434.17	435.17	1.00	2696929	4.2	39	5.1	18.9	<0.5	151	0.31	0.052	14.5	8.6	0.06	786	0.007	0.64	<0.01	0.22	0.9	0.3	1.4	8	3.59	<5	15	2.43	3.96
A-18-148	435.17	436.14	0.97	2696930	6	47	8.8	10.7	<0.5	103	0.4	0.066	19.5	6.6	0.06	1517	0.032	0.54	<0.01	0.22	0.6	0.25	1.7	3.3	2.03	<5	10	2.44	3.46
A-18-148	436.14	437.14	1.00	2696931	4.8	40	16	17.4	<0.5	145	0.4	0.06	17.2	8.1	0.06	1339	0.013	0.6	<0.01	0.25	0.8	0.39	1.6	4.2	2.46	<5	13	2.42	3.85
A-18-148	437.14	438.15	1.01	2696932	5.6	153	18.7	17.8	<0.5	110	1.12	0.059	17.6	7.7	0.06	1042	0.007	0.53	<0.01	0.23	0.9	0.38	1.6	3.5	2.27	<5	11	2.48	5.19
A-18-148			0.00	2696933	1.1	39	190.6	149.6	11.9	34	1.6	0.044	7	43.3	1.58	224	0.011	1.33	0.01	0.12	0.6	7.68	3.6	7.9	7.98	6	37	2.87	0.08
A-18-148	438.15	439.22	1.07	2696934	4.5	216	12.3	17.2	<0.5	130	1.76	0.051	18.4	7.6	0.06	1259	0.005	0.54	<0.01	0.22	0.9	0.23	2.4	4.5	2.41	<5	12	2.49	4.56
A-18-148	439.22	440.13	0.91	2696935	4.3	109	13.7	16.6	<0.5	133	1.02	0.054	17	8.6	0.06	1181	0.004	0.58	<0.01	0.23	1	0.22	1.9	4	2.49	<5	12	2.45	2.91
A-18-148	440.13	441.05	0.92	2696936	4.5	52	7.7	13.7	<0.5	119	0.45	0.05	16.2	7.6	0.05	1141	0.006	0.51	<0.01	0.18	0.5	0.2	2.4	5.3	2.84	<5	8	2.44	3.52
A-18-148	441.05	442.08	1.03	2696937	4.2	132	6.9	12.5	<0.5	142	1.19	0.052	16.3	11.9	0.11	769	0.007	0.66	<0.01	0.24	1	0.22	2.2	8.1	3.66	<5	9	2.48	3.86
A-18-148	442.08	443.11	1.03	2696938	4.6	123	10.7	13.6	<0.5	122	1.18	0.061	15.1	11	0.14	713	0.006	0.53	<0.01	0.22	0.9	0.31	2.4	9.9	4.55	<5	13	2.5	4.26
A-18-148	443.11	444.11	1.00	2696939	3.7	142	7.8	12.3	<0.5	127	1.83	0.066	13.2	9.9	0.13	797	0.006	0.62	<0.01	0.21	0.6	0.26	2.3	7.6	3.49	<5	11	2.49	3.59
A-18-148	444.11	445.11	1.00	2696940	4.3	158	11.2	12.1	<0.5	123	1.42	0.045	15.1	7.6	0.05	895	0.019	0.67	<0.01	0.17	0.9	0.23	1.9	6	3.03	<5	9	2.45	4.17
A-18-148	445.11	446.11	1.00	2696941	3.9	437	8.8	13.1	<0.5	123	5.94	0.084	15.8	8.9	0.07	1013	0.006	0.58	<0.01	0.21	0.6	0.21	2.3	5.9	2.93	<5	13	2.51	3.78
A-18-148	446.11	447.08	0.97	2696942	5.2	44	0.5	17.2	<0.5	123	0.41	0.054	20.4	7.3	0.06	1138	0.005	0.48	<0.01	0.21	0.7	0.12	2	7	3.19	<5	13	2.53	2.86
A-18-148			0.00	2696943	5.6	51	0.7	17.1	<0.5	123	0.43	0.058	21	7.6	0.06	1153	0.005	0.5	<0.01	0.22	<0.5	0.14	2.9	7.1	3.21	<5	14	2.54	
A-18-148	447.08	448.18	1.10	2696944	3.8	236	2.9	18.2	<0.5	130	3.38	0.049	14.1	8.5	0.06	728	0.003	0.46	<0.01	0.18	0.6	0.2	2	7.8	4.31	<5	15	2.56	3.57
A-18-148	448.18	448.96	0.78	2696945	4.1	34	6.8	12.1	<0.5	116	0.33	0.052	16.5	8.3	0.06	732	0.003	0.48	<0.01	0.18	0.8	0.32	1.8	9.1	4.09	<5	10	2.5	3.53
A-18-148	448.96	449.80	0.84	2696946	3.3	1027	3.7	15.3	<0.5	118	8.8	0.047	12.3	8.2	0.07	887	0.004	0.45	<0.01	0.17	<0.5	0.11	2.2	6.7	3.17	<5	7	2.52	3.37
A-18-148	449.80	450.74	0.94	2696947	4.6	361	19.6	30.3	<0.5	177	2.9	0.056	17	6.9	0.06	991	0.004	0.47	<0.01	0.18	0.5	0.35	2	2.8	2.21	<5	19	2.47	3.73
A-18-148	450.74	451.83	1.09	2696948	4.7	98	22.3	35.4	<0.5	221	0.82	0.053	19.7	9.5	0.06	1773	0.007	0.64	<0.01	0.23	0.6	0.33	2.2	2.9	2.3	<5	18	2.42	4.14
A-18-148	457.86	458.89	1.03	2696949	0.6	1631	1.7	4.3	<0.5	76	19.13	0.024	4.5	2.5	0.16	755	0.001	0.15	<0.01	0.04	<0.5	<0.05	1.1	0.6	0.53	<5	<2	2.58	4.25
A-18-148	458.89	459.90	1.01	2696950	1.2	246	3.5	9.1	<0.5	73	1.77	0.017	6.9	5.2	0.03	1048	0.003	0.21	<0.01	0.08	<0.5	<0.05	1.4	1.4	1.66	<5	7	2.57	4.38
A-18-148	459.90	461.05	1.15	2696951	4.2	52	6.5	22.4	<0.5	98	0.42	0.046	16.9	7.5	0.05	885	0.005	0.47	<0.01	0.17	0.6	0.16	1.1	5.5	3.37	<5	10	2.52	4.58
A-18-148	461.05	462.08	1.03	2696952	4.4	35	8.5	23.3	<0.5	125	0.31	0.051	19.3	9.5	0.06	740	0.005	0.52	<0.01	0.19	0.5	0.15	2.4	4.7	2.92	<5	12	2.52	4.08
A-18-148			0.00	2696953	2.5	79	<0.5	<0.5	<0.5	92	0.93	0.055	7.2	9.9	0.7	115	0.139	1.54	0.18	0.2	2.9	<0.05	2.8	<0.5	<0.05	<5	<2	I.S.	0.02
A-18-148	462.08	463.05	0.97	2696954	4	27	19	30	<0.5	127	0.29	0.055	18.4	7.8	0.04	793	0.004	0.45	<0.01	0.18	0.6	0.29	1.4	6	2.85	<5	23	2.48	4.01
A-18-148	463.05	464.09	1.04	2696955	4.5	82	14.2	25.9	<0.5	136	0.71	0.056	18.2	8.2	0.04	914	0.004	0.48	<0.01	0.19	<0.5	0.2	1.9	5.8	2.75	<5	17	2.49	3.75
A-18-148	464.09	465.08	0.99	2696956	4.2	150	10.4	22.5	<0.5	117	1.28	0.046	16.3	7.7	0.04	997	0.003	0.46	<0.01	0.17	<0.5	0.3	1.9	5.7	2.91	<5	17	2.54	3.41
A-18-148	465.08	466.09	1.01	2696957	4.6	30	7.8	20.3	<0.5	115	0.29	0.052	12.4	7.1	0.05	1287	0.014	0.53	<0.01	0.19	<0.5	0.17	1.9	5.4	3.18	<5	12	2.52	3.82
A-18-148	466.09	467.17	1.08	2696958	4.3	26	6.8	16.5	<0.5	103	0.33	0.052	17.8	6.6	0.04	1113	0.01	0.69	<0.01	0.21	<0.5	0.18	2.2	5	3.04	<5	12	2.54	4.32
A-18-148	467.17	468.00	0.83	2696959	5.7	47	7.1	12.3	<0.5	86	0.46	0.058	19.2	6.8	0.05	1145	0.015	0.57	<0.01	0.23	<0.5	0.11	2.8	4.5	2.98	<5	4	2.56	3.01
A-18-148	468.00	469.01	1.01	2696960	4.5	44	8.4	13.4	<0.5	94	0.4	0.047	14.9	5.6	0.04	1013	0.013	0.48	<0.01	0.2	<0.5	0.16	1.5	6.8	3.44	<5	9	2.53	4.22
A-18-148	469.01	470.02	1.01	2696961	4.2	32	6.1	15.2	<0.5	95	0.28	0.044	16.6	5.8	0.03	751	0.003	0.44	<0.01	0.19	<0.5	0.16	1.6	6	2.97	<5	10	2.57	3.51
A-18-148	470.02	471.01	0.99	2696962	3.7	362	7.1	22.6	<0.5	98	6.66	0.048	17.7	6.3	0.06	601	0.004	0.42	<0.01	0.18	<0.5	0.23	1.7	5.8	2.89	<5	10	2.53	3.54
A-18-148			0.00	2696963	1.1	34	185.6	154.6	11.7	34	1.62	0.04	6.8	43	1.62	218	0.011	1.36	0.01	0.11	0.7	7.48	3.3	8.1	7.92	6	37	2.88	0.15
A-18-148	471.01	472.05	1.04	2696964	4.8	53	9.1	30.9	<0.5	98	0.43	0.049	18.7	5	0.04	751	0.004	0.43	<0.01	0.18	<0.5	0.29	1.9	6.8	2.92	<5	18	2.55	4.18
A-18-148	472.05	473.04	0.99	2696965	3.9	98	12.9	26.8	<0.5	90	0.9	0.047	17.9	7.2	0.05	581	0.003	0.42	<0.01	0.17	<0.5	0.29	1.5	7.1	2.92	<5	18	2.54	3.89
A-18-148	473.04	473.96	0.92	2696966	4	114	8.9	11.8	<0.5	91	1.08	0.056	25	6.2	0.04	946	0.003	0.45	<0.01	0.22	<0.5	0.21	1.6	4.7	2.37	<5	7	2.53	3.89
A-18-148	473.96	475.01	1.05	2696967	4.4	30	7.5	14.2	<0.5	89	0.26	0.051	19.6	7	0.04	846	0.003	0.48	<0.01	0.22	<0.5	0.28	1.6	8.4	3.96	<5	9	2.56	4.24
A-18-148	475.01	476.04	1.03	2696968	4.1	165	9.2	11.5	<0.5	89	2.34	0.057	18.2	6.6	0.04	799	0.004	0.45	<0.01	0.24	0.5	0.32	1.5	7.3	3.03	<5	10	2.51	3.66
A-18-148	476.04	477.01	0.97	2696969	4.7	161	5.5	13	<0.5	94	2.01	0.055	20.6	7.8	0.04	645	0.004	0.48	<0.01	0.24	<0.5	0.21	1.6	9.6	4.4	<5	10	2.56	3.93
A-18-148	477.01	478.02	1.01	2696970	4.5	34	7	10.5	<0.5	98	0.24	0.053	20.9	7.1	0.04	673	0.004	0.47	<0.01	0.24	<0.5	0.24	2.1	7.3	3.77	<5	8	2.52	4.36
A-18-148	478.02	479.00	0.98	2696971	5.6	30	4.1	7.8	<0.5	71	0.41	0.055	23.1	8	0.04	1072	0.007	0.54	<0.01	0.28	<0.5	0.23	2.2	4.8	3.04	<5	7	2.55	4.28
A-18-148	479.00	480.00	1.00	2696972	5.5	74	5.5	9.1	<0.5	82	0.86	0.055	23.1	8	0.04	993	0.01	0.51	<0.01	0.27	<0.5	0.21	1.5	5.6	3.55	<5	9	2.54	4.19
A-18-148			0.00	2696973	5.7	72	5.1	9.2	<0.5	82	0.88	0.053	23.1	7.4	0.05	1067	0.01	0.52	<0.01	0.26	<0.5	0.11	1.8	5.3	3.55	<5	9	2.53	
A-18-148	480.00	480.86	0.86	2696974	4.7	70	4.6	11.7	<0.5	115	0.56	0.05	20.2	8.1	0.04	926	0.004	0.5	<0.01	0.24	<0.5	0.39	1.8	6.6	4.26	<5	9	2.51	3.42
A-18-148	480.86	481.56	0.70	2696975	5	45	1.8	14.2	<0.5	106	0.6	0.054	21.8	8.4	0.05	932	0.005	0.49	<0.01	0.26	<0.5	0.29	1.8	6.4	4.01	<5	11	2.52	2.93
A-18-148	481.56	482.51	0.95	2696976	5.6	34	11.2	13.6	<0.5	95	0.37	0.064	23.4	8.5	0.04	1617	0.004	0.58	<0.01	0.24	<0.5	0.22	2.1	4.2	2.67	<5	11	2.52	3.79
A-18-148	502.46	503.20	0.74	2696977	4.5	143	<0.5	6.7	<0.5	31	0.83	0.042	17.2	5.9	0.04	432	0.004	0.87	<0.01	0.2	<0.5	0.31	2.2	3.1	4.94	<5	3	2.53	2.34
A-18-148	513.06	514.06	1.00	2696978	5.5	242	0.9	4.3	<0.5	27	1.14	0.054	21.4	6	0.08	524	0.005	0.84	<0.01	0.22	<0.5	0.23	2.8	3.4	4.31	<5	2	2.56	3.9
A-18-148	546.45	547.08	0.63	2696979	4.4	203	0.9	4.3	<0.5	33	1.85	0.027	20.5	7.1	0.3	608	0.003	0.54	<0.01	0.21	<0.5	0.26	2.4	2.2	3.25	<5	3	2.56	2.73
A-18-148	547.08	547.83	0.75	2696980	4.6	162	2.8	2.8	<0.5	41	0.89	0.052	20.5	5.7	0.07	2091	0.004	1.38	<0.01	0.18	<0.5	0.11	2.5	1.6	1.46	<5	3	2.51	3.56
A-18-148	547.83	548.80	0.97	2696981	4.8	261	1.3	3.6	<0.5	30	1.69	0.052	20.5	6.3	0.13	418	0.004	0.8	<0.01	0.23	<0.5	0.17	2.8	3.4	4.19	<5	3	2.53	4.33
A-18-148	548.80	549.86	1.06	2696982	5.2	357	1.1	3.5	<0.5	27	1.97	0.05	22.1	6	0.12	635	0.004	0.82	<0.01	0.23	<0.5	0.13	3	2.6	3.76	<5	<2	2.52	4.25
A-18-148			0.00	2696983	2.9	82	<0.5	<0.5	<0.5	93	0.96	0.053	7.6	10.5	0.71	119	0.141	1.57	0.18	0.2	3	<0.05	2.5	<0.5	<0.05	<5	<2	I.S.	0.02

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**%SULPHIDES**	**%SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
A-18-148	549.86	550.92	1.06	2696984	4PYSH	15.00	85		VAN18002382	21.2	43.1	22.8	51	<0.5	19169	52	10.2	196	3.6	23	6.5
A-18-148	550.92	551.98	1.06	2696985	4PYSH	TR	99		VAN18002382	16.8	26.1	11.9	91	<0.5	22654	54	9	509	2.17	16	4.6
A-18-148	618.88	619.94	1.06	2696986	5SH - Potential Nick mineralization	TR	99		VAN18002382	48.9	78.1	17.2	394	1.2	1523	84.7	9.4	85	1.85	18	14.6
A-18-148	619.94	621.00	1.06	2696987	5SH - Potential Nick mineralization	TR	99		VAN18002382	39.5	97.7	30.6	117	1.1	1666	81.8	15.4	84	4.61	20	20.3
A-18-148	621.00	621.99	0.99	2696988	5SH - Potential Nick mineralization	TR	99		VAN18002382	55.3	51.8	16	170	<0.5	1642	71.4	12.3	138	2.2	13	10.7
A-18-148	621.99	622.95	0.96	2696989	5SH - Potential Nick mineralization	TR	99		VAN18002382	42.3	53.3	17.1	184	<0.5	1462	63	12.6	232	2.34	13	7.1
A-18-148	622.95	623.98	1.03	2696990	5SH - Potential Nick mineralization	TR	99		VAN18002382	34.5	70.1	25.5	100	<0.5	1793	78	16.1	238	2.81	19	6.9
A-18-148	623.98	625.17	1.19	2696991	5SH - Potential Nick mineralization	TR	99		VAN18002382	19.9	54.9	24.8	84	<0.5	1371	64.2	16.2	270	3.09	20	5.4
A-18-148	625.17	626.07	0.90	2696992	5BXLS - Potential Nick mineralization	TR	99		VAN18002382	35	98.3	46	16	0.5	1972	101	21.7	152	3.29	23	5.5
A-18-148				2696993				STD-CDN-ME-1306	VAN18002382	23.1	3872.1	16827	31229	105.5	683	34.7	25.5	1010	9.47	558	1.2
A-18-148	626.07	627.01	0.94	2696994	6SS	TR	99		VAN18002382	16.6	25.3	8.4	91	<0.5	804	44	2.9	325	0.83	8	7.9

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-18-148	549.86	550.92	1.06	2696984	5.1	281	<0.5	4.4	<0.5	29	1.59	0.036	20.4	6.8	0.1	594	0.004	0.8	<0.01	0.23	<0.5	0.24	2.5	2.5	3.62	<5	2	2.45	4.43
A-18-148	550.92	551.98	1.06	2696985	4.3	1025	0.7	2.4	<0.5	40	7.73	0.02	18.3	6.7	0.13	1211	0.002	0.55	<0.01	0.23	<0.5	0.15	2.7	1.2	2	<5	<2	2.52	3.8
A-18-148	618.88	619.94	1.06	2696986	4.5	50	4.7	9.8	<0.5	102	1.11	0.114	19.2	9.5	0.07	310	0.005	0.5	<0.01	0.32	<0.5	0.11	1.9	0.6	1.89	<5	11	2.48	2.42
A-18-148	619.94	621.00	1.06	2696987	5.2	71	0.9	8.8	<0.5	28	1.01	0.063	24.5	6.4	0.09	378	0.004	0.48	<0.01	0.34	<0.5	0.21	2.7	0.9	4.92	<5	11	2.49	1.93
A-18-148	621.00	621.99	0.99	2696988	4.7	121	1.3	3.4	<0.5	13	2.23	0.025	19.9	5.7	0.1	466	0.003	0.47	<0.01	0.33	<0.5	0.14	2.5	0.8	2.34	<5	2	2.43	2.29
A-18-148	621.99	622.95	0.96	2696989	4.5	227	1.6	1.7	<0.5	13	6.97	0.033	17.5	6.5	0.17	572	0.004	0.49	<0.01	0.33	<0.5	0.14	3.1	0.9	2.53	<5	4	2.45	2.58
A-18-148	622.95	623.98	1.03	2696990	5.4	248	0.7	2.1	<0.5	10	7.13	0.043	19.3	7.1	0.26	597	0.004	0.5	<0.01	0.36	<0.5	0.16	4.1	1.5	3.07	<5	3	2.49	2.55
A-18-148	623.98	625.17	1.19	2696991	5.4	282	0.7	2.9	<0.5	<10	8.66	0.046	19.8	6.5	0.31	255	0.003	0.51	<0.01	0.35	<0.5	0.27	4.3	1.4	3.39	<5	3	2.53	2.84
A-18-148	625.17	626.07	0.90	2696992	7.6	172	<0.5	4	<0.5	<10	5.03	0.049	22.4	5.9	0.14	279	0.003	0.59	<0.01	0.44	<0.5	0.27	4.1	1.4	3.64	<5	5	2.52	2.15
A-18-148				2696993	1.1	39	203	169.3	13.6	36	1.66	0.042	8	46.4	1.65	251	0.012	1.41	0.01	0.13	1	7.79	3.8	9.2	8.23	7	39	2.86	0.08
A-18-148	626.07	627.01	0.94	2696994	4.4	224	0.7	1.6	<0.5	39	11.76	0.075	13.7	6.7	4.45	231	0.004	0.32	<0.01	0.21	<0.5	<0.05	2.9	<0.5	0.46	<5	<2	2.58	2.41

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	33.60	33.61	0.01	Silt lamina	BDG	44
A-18-148	33.86	33.87	0.01	Silt lamina	BDG	47
A-18-148	35.43	35.44	0.01	Silt lamina	BDG	54
A-18-148	35.87	35.88	0.01	Silt lamina	BDG	47
A-18-148	35.45	35.46	0.01	Silt lamina	BDG	46
A-18-148	38.19	38.20	0.01	Silt lamina	BDG	39
A-18-148	38.40	38.41	0.01	Silt lamina	BDG	48
A-18-148	38.76	38.77	0.01	Silt lamina	BDG	43
A-18-148	40.55	40.56	0.01	Silt bedding	BDG	43
A-18-148	41.29	41.30	0.01	Silt lamina	BDG	41
A-18-148	41.70	41.71	0.01	Silt bedding	BDG	39
A-18-148	42.56	42.57	0.01	Silt bedding	BDG	41
A-18-148	43.05	44.06	1.01	Silt bedding	BDG	44
A-18-148	46.18	46.19	0.01	Silt lamina	BDG	40
A-18-148	46.60	46.61	0.01	Carbonate pyrite bed	BDG	45
A-18-148	47.22	47.23	0.01	Silt lamina	BDG	45
A-18-148	48.15	48.16	0.01	Silt lamina	BDG	40
A-18-148	49.05	49.06	0.01	Calcareous silt lamina	BDG	37
A-18-148	54.09	54.10	0.01	Silt lamina	BDG	35
A-18-148	54.27	54.28	0.01	Calcareous silt bed	BDG	33
A-18-148	54.48	54.49	0.01	Calcareous silt bed	BDG	43
A-18-148	54.85	54.86	0.01	Shale lamina	BDG	38
A-18-148	55.32	55.33	0.01	Calcareous silt lamina	BDG	38
A-18-148	55.81	55.82	0.01	Shale lamina	BDG	39
A-18-148	57.41	57.42	0.01	Shale lamina	BDG	56
A-18-148	60.07	60.08	0.01	Calcareous silt bed	BDG	45
A-18-148	60.83	60.84	0.01	Calcareous silt bed	BDG	67
A-18-148	61.09	61.10	0.01	Shale lamina	BDG	62
A-18-148	61.18	61.19	0.01	Calcareous silt lamina	BDG	62
A-18-148	61.51	61.52	0.01	Shale bed	BDG	78
A-18-148	61.76	61.77	0.01	Calcareous silt bed	BDG	68
A-18-148	62.45	62.46	0.01	Calcareous silt lamina	BDG	53
A-18-148	63.19	63.20	0.01	Calcareous silt lamina	BDG	39
A-18-148	63.46	63.47	0.01	Calcareous silt lamina	BDG	45
A-18-148	63.54	63.55	0.01	Shale lamina	BDG	61
A-18-148	63.63	63.64	0.01	Calcareous silt lamina	BDG	61
A-18-148	63.91	63.92	0.01	Shale interbed	BDG	63
A-18-148	64.07	64.08	0.01	Calcareous silt bed	BDG	60
A-18-148	64.22	64.23	0.01	Calcareous silt lamina	BDG	98
A-18-148	64.50	64.51	0.01	Calcareous silt lamina	BDG	40
A-18-148	65.40	65.41	0.01	Limestone bed	BDG	43
A-18-148	65.55	65.56	0.01	Mudstone lamina	BDG	49
A-18-148	65.63	65.64	0.01	Mudstone lamina	BDG	42
A-18-148	65.69	65.70	0.01	Limestone bed	BDG	47

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	66.10	66.11	0.01	Silt bedding	BDG	44
A-18-148	66.74	66.75	0.01	Silt lamina	BDG	43
A-18-148	67.10	67.11	0.01	Silt lamina	BDG	49
A-18-148	67.78	67.79	0.01	Silt lamina	BDG	49
A-18-148	68.61	68.62	0.01	Silt lamina	BDG	45
A-18-148	68.79	68.80	0.01	Limestone bed	BDG	45
A-18-148	69.11	69.12	0.01	Silt lamina	BDG	47
A-18-148	69.43	69.44	0.01	Silt lamina	BDG	48
A-18-148	69.70	69.71	0.01	Silt lamina	BDG	50
A-18-148	70.11	70.12	0.01	Silt lamina	BDG	47
A-18-148	70.56	70.57	0.01	Silt lamina	BDG	48
A-18-148	70.82	70.83	0.01	Limestone bed	BDG	47
A-18-148	71.31	71.32	0.01	Limestone bed	BDG	49
A-18-148	71.87	71.88	0.01	Mudstone lamina	BDG	49
A-18-148	72.10	72.11	0.01	Silt lamina	BDG	48
A-18-148	72.82	72.83	0.01	Silt lamina	BDG	46
A-18-148	73.14	73.15	0.01	Limestone bed	BDG	46
A-18-148	73.67	73.68	0.01	Silt bedding	BDG	47
A-18-148	74.07	74.08	0.01	Mudstone bed	BDG	45
A-18-148	74.61	74.62	0.01	Silt lamina	BDG	44
A-18-148	74.68	74.69	0.01	Limestone bed	BDG	45
A-18-148	75.01	75.02	0.01	Silt bed	BDG	47
A-18-148	75.59	75.60	0.01	Silt lamina	BDG	44
A-18-148	75.98	75.99	0.01	Mudstone bed	BDG	47
A-18-148	76.43	76.44	0.01	Mudstone Bed	BDG	46
A-18-148	76.78	76.79	0.01	Silt lamina	BDG	44
A-18-148	77.06	77.07	0.01	Silt lamina	BDG	46
A-18-148	77.51	77.52	0.01	Mudstone lamina	BDG	46
A-18-148	77.92	77.93	0.01	Mudstone bed	BDG	47
A-18-148	78.61	78.62	0.01	Silt bed	BDG	50
A-18-148	79.45	79.46	0.01	Limestone bed	BDG	49
A-18-148	79.58	79.59	0.01	Mudstone bed	BDG	48
A-18-148	79.99	80.00	0.01	Siltstone bed	BDG	46
A-18-148	80.46	80.47	0.01	Limestone bed	BDG	45
A-18-148	80.78	80.79	0.01	Silt lamina	BDG	46
A-18-148	81.23	81.24	0.01	Silt lamina	BDG	47
A-18-148	82.16	82.17	0.01	Limestone bed	BDG	47
A-18-148	82.59	82.60	0.01	Mudstone lamina	BDG	45
A-18-148	82.80	82.81	0.01	Mudstone bed	BDG	49
A-18-148	83.14	83.15	0.01	Siltstone bed	BDG	47
A-18-148	83.21	83.22	0.01	Limestone bed	BDG	50
A-18-148	83.88	83.89	0.01	Limestone bed	BDG	45
A-18-148	84.19	84.20	0.01	Mudstone bed	BDG	50
A-18-148	84.45	84.46	0.01	Silt lamina	BDG	50

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	85.06	85.07	0.01	Silt lamina	BDG	50
A-18-148	85.46	85.47	0.01	Limestone bed	BDG	47
A-18-148	85.82	85.83	0.01	Silt lamina	BDG	47
A-18-148	87.04	87.05	0.01	Limestone bed	BDG	53
A-18-148	87.56	87.57	0.01	Silt bed	BDG	45
A-18-148	88.04	88.05	0.01	Mudstone bed	BDG	49
A-18-148	88.29	88.30	0.01	Mudstone bed	BDG	50
A-18-148	88.88	88.89	0.01	Limestone bed	BDG	46
A-18-148	89.25	89.26	0.01	Silt bed	BDG	49
A-18-148	89.74	89.75	0.01	Limestone bed	BDG	45
A-18-148	90.25	90.26	0.01	Mudstone bedding	BDG	48
A-18-148	90.97	90.98	0.01	Mudstone lamina	BDG	50
A-18-148	91.20	91.21	0.01	mudstone lamina	BDG	44
A-18-148	91.68	91.69	0.01	Mudstone lamina	BDG	46
A-18-148	92.24	92.25	0.01	Mudstone lamina	BDG	47
A-18-148	92.40	92.41	0.01	Silt lamina	BDG	50
A-18-148	93.08	93.09	0.01	Silt lamina	BDG	46
A-18-148	93.95	93.96	0.01	Mudstone bed	BDG	47
A-18-148	94.76	94.77	0.01	Mudstone lamina	BDG	51
A-18-148	95.45	95.46	0.01	Limestone bed	BDG	43
A-18-148	95.91	95.92	0.01	Mudstone lamina	BDG	40
A-18-148	96.65	96.68	0.03	Silt bed	BDG	53
A-18-148	98.60	98.61	0.01	Silt lamina	BDG	48
A-18-148	99.11	99.12	0.01	Bedding	BDG	37
A-18-148	99.71	99.72	0.01	Silt lamina	BDG	50
A-18-148	100.36	100.37	0.01	Mudstone lamina	BDG	51
A-18-148	100.84	100.85	0.01	Mudstone lamina	BDG	44
A-18-148	101.21	101.22	0.01	Silt lamina	BDG	49
A-18-148	101.58	101.59	0.01	Silt lamina	BDG	50
A-18-148	101.81	101.82	0.01	Silt lamina	BDG	55
A-18-148	102.50	102.51	0.01	Mudstone lamina	BDG	55
A-18-148	102.55	102.56	0.01	Silt lamina	BDG	55
A-18-148	102.99	103.00	0.01	Mudstone lamina	BDG	60
A-18-148	103.82	103.84	0.02	Mudstone bed	BDG	63
A-18-148	103.84	103.87	0.03	Silt bed	BDG	75
A-18-148	104.40	104.45	0.05	Limestone bed	BDG	63
A-18-148	105.91	105.92	0.01	Mudstone lamina	BDG	60
A-18-148	105.84	105.85	0.01	Silt lamina	BDG	45
A-18-148	106.15	106.16	0.01	Silt lamina	BDG	49
A-18-148	106.98	106.99	0.01	Silt bed	BDG	45
A-18-148	107.53	107.54	0.01	Silt lamina	BDG	33
A-18-148	109.11	109.12	0.01	Mudstone bed	BDG	59
A-18-148	111.60	111.61	0.01	Mudstone lamina on poker chip fragment	BDG	60
A-18-148	124.44	124.45	0.01	Silt lamina	BDG	58

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	125.99	126.00	0.01	Silt lamina	BDG	51
A-18-148	126.60	126.61	0.01	Silt lamina	BDG	51
A-18-148	127.86	127.87	0.01	Silt lamina	BDG	53
A-18-148	128.50	128.51	0.01	Silt lamina	BDG	50
A-18-148	129.30	129.31	0.01	Silt lamina	BDG	49
A-18-148	130.05	130.06	0.01	Silt lamina	BDG	48
A-18-148	135.35	135.36	0.01	Silt lamina	BDG	28
A-18-148	136.49	136.50	0.01	Silt lamina	BDG	39
A-18-148	137.70	137.71	0.01	Silt lamina	BDG	54
A-18-148	138.73	138.74	0.01	Shale lamina	BDG	61
A-18-148	139.51	139.52	0.01	Bedding	BDG	75
A-18-148	140.01	140.02	0.01	Silt lamina	BDG	85
A-18-148	140.39	140.40	0.01	Silt lamina	BDG	55
A-18-148	140.60	140.61	0.01	Shale lamina	BDG	51
A-18-148	140.70	140.71	0.01	Silt lamina	BDG	14
A-18-148	141.66	141.67	0.01	Silt lamina	BDG	13
A-18-148	142.25	142.26	0.01	Silt lamina	BDG	25
A-18-148	143.18	143.19	0.01	Silt lamina	BDG	45
A-18-148	145.08	145.09	0.01	Silt lamina	BDG	48
A-18-148	146.70	146.71	0.01	Silt lamina	BDG	50
A-18-148	147.42	147.43	0.01	Silt lamina	BDG	42
A-18-148	148.22	148.23	0.01	Silt lamina	BDG	48
A-18-148	149.10	149.11	0.01	Silt bedding	BDG	28
A-18-148	149.56	149.57	0.01	Silt bedding	BDG	39
A-18-148	150.51	151.52	1.01	Shale lamina	BDG	41
A-18-148	151.09	151.10	0.01	Silt lamina	BDG	37
A-18-148	152.59	152.60	0.01	Silt lamina	BDG	40
A-18-148	153.62	153.63	0.01	Silt lamina	BDG	33
A-18-148	154.72	154.73	0.01	Silt lamina	BDG	41
A-18-148	155.37	155.38	0.01	Silt bedding	BDG	39
A-18-148	155.75	155.76	0.01	Silt lamina	BDG	30
A-18-148	156.97	156.98	0.01	Shale lamina	BDG	56
A-18-148	157.79	157.80	0.01	Silt lamina	BDG	54
A-18-148	158.58	158.59	0.01	Shale lamina	BDG	50
A-18-148	159.08	159.09	0.01	Silt lamina	BDG	50
A-18-148	160.22	160.23	0.01	Silt lamina	BDG	50
A-18-148	161.20	161.21	0.01	Silt lamina	BDG	48
A-18-148	162.73	162.74	0.01	Silt lamina	BDG	52
A-18-148	163.60	163.61	0.01	Shale lamina	BDG	52
A-18-148	164.81	164.82	0.01	Silt lamina	BDG	50
A-18-148	165.55	165.56	0.01	Silt lamina	BDG	49
A-18-148	166.05	166.06	0.01	Shale lamina	BDG	47
A-18-148	166.16	166.26	0.1	Small fault gouge	BDG	65
A-18-148	166.86	166.87	0.01	Shale lamina	BDG	51

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	167.63	167.64	0.01	Shale lamina	BDG	46
A-18-148	168.70	168.71	0.01	Silt lamina	BDG	49
A-18-148	169.80	169.81	0.01	Silt lamina	BDG	47
A-18-148	171.02	171.03	0.01	Silt lamina	BDG	51
A-18-148	171.78	171.79	0.01	Silt lamina	BDG	50
A-18-148	172.87	172.88	0.01	Silt lamina	BDG	50
A-18-148	174.20	174.21	0.01	Silt lamina	BDG	49
A-18-148	175.50	175.51	0.01	Shale lamina	BDG	50
A-18-148	176.58	176.59	0.01	Silt lamina	BDG	51
A-18-148	177.50	177.51	0.01	Shale lamina	BDG	53
A-18-148	178.47	178.48	0.01	Silt lamina	BDG	48
A-18-148	180.38	180.39	0.01	Silt lamina	BDG	51
A-18-148	181.19	181.20	0.01	Silt lamina	BDG	49
A-18-148	182.14	182.15	0.01	Silt lamina	BDG	43
A-18-148	182.88	182.89	0.01	Shale lamina	BDG	57
A-18-148	183.06	183.07	0.01	Silt lamina	BDG	37
A-18-148	183.53	183.54	0.01	Silt bedding	BDG	27
A-18-148	183.60	183.61	0.01	Silt bedding	BDG	56
A-18-148	184.97	184.98	0.01	Silt bedding	BDG	56
A-18-148	186.65	186.66	0.01	Silt lamina	BDG	56
A-18-148	188.23	188.24	0.01	Silt bedding	BDG	51
A-18-148	189.55	189.56	0.01	Silt bedding	BDG	48
A-18-148	190.42	190.43	0.01	Silt bedding	BDG	51
A-18-148	191.52	191.53	0.01	Silt bedding	BDG	50
A-18-148	192.49	192.50	0.01	Limestone bed	BDG	49
A-18-148	193.46	193.47	0.01	Silt lamina	BDG	46
A-18-148	195.08	195.09	0.01	Silt lamina	BDG	47
A-18-148	195.89	195.90	0.01	Silt bed	BDG	47
A-18-148	196.91	196.92	0.01	Cleavage	CLV	46
A-18-148	197.89	197.90	0.01	Secondary Cleavage	BDG	111
A-18-148	198.54	198.55	0.01	Silt lamina	BDG	45
A-18-148	200.06	200.07	0.01	Silt lamina	BDG	40
A-18-148	201.06	201.07	0.01	Silt lamina	BDG	49
A-18-148	203.85	203.86	0.01	Silt lamina	BDG	48
A-18-148	204.65	204.66	0.01	Silt lamina	BDG	46
A-18-148	205.95	205.96	0.01	Silt lamina	BDG	51
A-18-148	206.96	206.97	0.01	Silt lamina	BDG	45
A-18-148	207.6	207.61	0.01	Limestone lamination	BDG	49
A-18-148	208.57	208.58	0.01	Shale lamina	BDG	50
A-18-148	208.62	208.63	0.01	Silt lamina	BDG	42
A-18-148	209.44	209.45	0.01	Silt lamina	BDG	45
A-18-148	210.56	210.57	0.01	Silt lamina	BDG	48
A-18-148	211.94	211.95	0.01	Silt lamina	BDG	46
A-18-148	213.24	213.25	0.01	Shale bed	BDG	48

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	214.59	214.6	0.01	Silt lamina	BDG	50
A-18-148	214.95	214.96	0.01	Limestone debris flow	BDG	55
A-18-148	215.73	215.74	0.01	Secondary Cleavage	CLV	145
A-18-148	216.7	216.71	0.01	Silt lamina	BDG	51
A-18-148	217.57	217.58	0.01	Silt lamina	BDG	53
A-18-148	218.73	218.74	0.01	Shale lamina	BDG	52
A-18-148	219.9	219.91	0.01	Silt lamina	BDG	55
A-18-148	220.98	220.99	0.01	Shale lamina	BDG	50
A-18-148	222.05	222.06	0.01	Limestone debris flow	BDG	60
A-18-148	224.32	224.33	0.01	Silt lamina	BDG	53
A-18-148	225.43	225.44	0.01	Shale lamina	BDG	51
A-18-148	226.46	226.47	0.01	Silt lamina	BDG	53
A-18-148	227.75	227.76	0.01	Silt lamina	BDG	58
A-18-148	228.91	228.92	0.01	Silt lamina	BDG	53
A-18-148	229.48	229.49	0.01	Shale lamina	BDG	53
A-18-148	230.63	230.64	0.01	Shale lamina	BDG	54
A-18-148	232.19	232.2	0.01	Silt lamina	BDG	56
A-18-148	233.62	233.63	0.01	Silt lamina	BDG	53
A-18-148	234.51	234.52	0.01	Shale lamina	BDG	55
A-18-148	236.11	236.12	0.01	Shale lamina	BDG	60
A-18-148	236.41	236.42	0.01	Silt lamina	BDG	71
A-18-148	238.91	238.92	0.01	Silt lamina	BDG	33
A-18-148	239.4	239.41	0.01	Silt bedding	BDG	44
A-18-148	239.54	239.55	0.01	Silt bedding	BDG	55
A-18-148	240.35	240.36	0.01	Silt lamina	BDG	65
A-18-148	240.94	240.95	0.01	Silt lamina	BDG	74
A-18-148	241.34	241.35	0.01	Silt lamina	BDG	68
A-18-148	241.68	241.69	0.01	Silt lamina	BDG	83
A-18-148	242.48	242.49	0.01	Silt lamina	BDG	50
A-18-148	242.5	242.51	0.01	Silt lamina	BDG	55
A-18-148	242.92	242.93	0.01	Silt lamina	BDG	65
A-18-148	243.45	243.46	0.01	Silt lamina	BDG	70
A-18-148	243.88	243.89	0.01	Silt lamina	BDG	69
A-18-148	246.55	246.56	0.01	Shale lamina	BDG	57
A-18-148	247.33	247.34	0.01	Silt lamina	BDG	65
A-18-148	247.61	247.62	0.01	Cross bedded silt lamina	BDG	55
A-18-148	247.64	247.65	0.01	Cross bedded silt lamina	BDG	75
A-18-148	247.91	247.92	0.01	Silt lamina	BDG	63
A-18-148	248.31	248.32	0.01	Silt lamina	BDG	50
A-18-148	248.72	248.73	0.01	Cross bedded silt lamina	BDG	64
A-18-148	248.74	248.75	0.01	Cross bedded silt lamina	BDG	75
A-18-148	249.13	249.14	0.01	Shale lamina	BDG	66
A-18-148	249.68	249.69	0.01	Shale lamina	BDG	51
A-18-148	249.94	249.95	0.01	Silt lamina	BDG	77

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	250.24	250.25	0.01	Silt lamina	BDG	45
A-18-148	250.75	250.76	0.01	Shale lamina	BDG	53
A-18-148	251.09	251.1	0.01	Silt lamina	BDG	43
A-18-148	252.5	252.51	0.01	Silt lamina	BDG	37
A-18-148	252.86	252.87	0.01	Silt lamina	BDG	26
A-18-148	254.92	254.93	0.01	Pyrite lamina	BDG	30
A-18-148	255.36	255.37	0.01	Silt lamina	BDG	37
A-18-148	257.92	257.93	0.01	Silt lamina	BDG	33
A-18-148	258.71	258.72	0.01	Silt lamina	BDG	37
A-18-148	259.2	259.21	0.01	Discontinuous silt lamina	BDG	52
A-18-148	259.54	259.55	0.01	Discontinuous silt lamina	BDG	39
A-18-148	260.31	260.32	0.01	Silt lens	BDG	49
A-18-148	261.1	261.11	0.01	Laminated nodular barite bed	BDG	59
A-18-148	261.44	261.45	0.01	Laminated nodular barite bed	BDG	45
A-18-148	262.4	262.41	0.01	Silt and pyrite lamina	BDG	50
A-18-148	264.49	264.5	0.01	Silt lamina	BDG	48
A-18-148	265.26	265.27	0.01	Silt lamina	BDG	51
A-18-148	265.87	265.88	0.01	Silt lamina	BDG	52
A-18-148	267.82	267.83	0.01	Silt lamina	BDG	51
A-18-148	268.44	268.45	0.01	Nodular barite bed	BDG	54
A-18-148	269.94	269.95	0.01	Silt lamina	BDG	52
A-18-148	270.1	270.11	0.01	Silt lamina	BDG	53
A-18-148	271.44	271.45	0.01	Silt lamina	BDG	54
A-18-148	272.81	272.82	0.01	Silt lamina	BDG	54
A-18-148	273.67	273.68	0.01	Silt lamina	BDG	52
A-18-148	274.25	274.29	0.04	Light grey pyritic silt bed	BDG	74
A-18-148	274.78	274.79	0.01	Silt lamina	BDG	61
A-18-148	275.84	275.85	0.01	Shale lamina	BDG	57
A-18-148	277.33	277.34	0.01	Silt lamina	BDG	57
A-18-148	278.94	278.95	0.01	Silt lamina	BDG	71
A-18-148	279.79	279.8	0.01	Silt lamina	BDG	73
A-18-148	281.64	281.65	0.01	Nodular barite bed	BDG	68
A-18-148	284.13	284.14	0.01	Silt bedding	BDG	45
A-18-148	292.92	292.93	0.01	Silt lamina	BDG	54
A-18-148	294.3	294.31	0.01	Silt lamina	BDG	59
A-18-148	294.72	294.73	0.01	Silt lamina	BDG	64
A-18-148	294.76	294.77	0.01	Silt bedding	BDG	61
A-18-148	297.9	297.91	0.01	Pyritic silt lamina	BDG	53
A-18-148	298.81	298.82	0.01	Silt bedding	BDG	45
A-18-148	300.99	301	0.01	Silt lamina	BDG	37
A-18-148	302.77	302.78	0.01	Nodular barite lamina	BDG	31
A-18-148	303.36	303.37	0.01	Nodular barite lamina	BDG	24
A-18-148	304.7	304.71	0.01	Shale interbed	BDG	31
A-18-148	305.51	305.52	0.01	Silt lamina	BDG	25

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	305.63	305.64	0.01	Nodular barite lamina	BDG	25
A-18-148	307.67	307.68	0.01	Silt lamina	BDG	14
A-18-148	308.12	308.13	0.01	Nodular barite lamina	BDG	21
A-18-148	308.89	308.9	0.01	Nodular barite lamina	BDG	12
A-18-148	309.56	309.57	0.01	Shale lamina	BDG	23
A-18-148	310.52	310.53	0.01	Shale lamina	BDG	23
A-18-148	310.96	310.97	0.01	Silt lamina	BDG	21
A-18-148	311.54	311.55	0.01	Nodular barite lamina	BDG	22
A-18-148	311.85	311.86	0.01	Silt lamina	BDG	36
A-18-148	312.63	312.64	0.01	Nodular barite lamina	BDG	37
A-18-148	313.35	313.36	0.01	Silt lamina	BDG	28
A-18-148	315.48	315.49	0.01	Shale lamina	BDG	23
A-18-148	315.91	315.92	0.01	Dull brown pyrite lamina	BDG	22
A-18-148	316.3	316.31	0.01	Silt bed	BDG	20
A-18-148	317.16	317.17	0.01	Brassy yellow pyrite lamina	BDG	38
A-18-148	317.62	317.63	0.01	Shale lamina	BDG	33
A-18-148	318.2	318.21	0.01	Silt lamina	BDG	28
A-18-148	319.22	319.23	0.01	Nodular barite lamina	BDG	35
A-18-148	320.18	320.19	0.01	Silt lamina	BDG	18
A-18-148	320.7	320.71	0.01	Silt lamina	BDG	22
A-18-148	321.39	321.4	0.01	Silt lamina	BDG	27
A-18-148	322.01	322.02	0.01	Silt lamina	BDG	26
A-18-148	322.46	322.47	0.01	Silt lamina	BDG	45
A-18-148	323.09	323.1	0.01	Shale lamina	BDG	43
A-18-148	323.94	323.95	0.01	Silt lamina	BDG	30
A-18-148	324.38	324.39	0.01	Dull brown pyrite lamina	BDG	39
A-18-148	325.18	325.19	0.01	Silt lamina	BDG	38
A-18-148	325.95	325.96	0.01	Nodular barite lamina	BDG	45
A-18-148	326.36	326.37	0.01	Nodular barite lamina	BDG	47
A-18-148	327.24	327.25	0.01	Dull brown pyrite lamina	BDG	32
A-18-148	328.21	328.22	0.01	Fragment bed	BDG	35
A-18-148	328.47	328.48	0.01	Shale lamina	BDG	30
A-18-148	329.44	329.45	0.01	Shale lamina	BDG	31
A-18-148	330.44	330.45	0.01	Fragment bed	BDG	32
A-18-148	331.51	331.52	0.01	Shale lamina	BDG	33
A-18-148	332.16	332.17	0.01	Shale lamina	BDG	36
A-18-148	333.2	333.21	0.01	Fragment bed	BDG	37
A-18-148	333.9	333.91	0.01	Silt lamina	BDG	35
A-18-148	334.84	334.85	0.01	Fragment bed	BDG	33
A-18-148	336.16	336.17	0.01	Shale lamina	BDG	35
A-18-148	336.38	336.39	0.01	Fragment bed	BDG	36
A-18-148	337.6	337.61	0.01	Nodular barite lamina	BDG	30
A-18-148	338.81	338.82	0.01	Nodular barite lamina	BDG	28
A-18-148	339.9	339.91	0.01	Discontinuous silt lamina	BDG	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	340.63	340.64	0.01	Fragment bed	BDG	37
A-18-148	341.03	341.04	0.01	Silt lamina	BDG	75
A-18-148	342.07	342.08	0.01	Shale lamina	BDG	27
A-18-148	343.03	343.04	0.01	Fragment bed	BDG	37
A-18-148	343.25	343.26	0.01	Nodular barite lamina	BDG	42
A-18-148	344.1	344.11	0.01	Silt lamina	BDG	35
A-18-148	345.2	345.21	0.01	Fragment bed	BDG	40
A-18-148	345.6	345.61	0.01	Silt lamina	BDG	27
A-18-148	346.58	346.59	0.01	Nodular barite lamina	BDG	40
A-18-148	347.31	347.32	0.01	Fragment bed	BDG	39
A-18-148	348.44	348.45	0.01	Shale lamina	BDG	59
A-18-148	348.93	348.94	0.01	Shale lamina	BDG	46
A-18-148	349.68	349.69	0.01	Silt lamina	BDG	45
A-18-148	351.45	351.46	0.01	Silt lamina	BDG	48
A-18-148	352.33	352.34	0.01	Silt lamina	BDG	40
A-18-148	352.97	352.98	0.01	Dull brown pyrite lamina	BDG	43
A-18-148	354.92	354.93	0.01	Nodular barite bed	BDG	35
A-18-148	359.13	359.14	0.01	Nodular barite bed	BDG	20
A-18-148	359.6	359.61	0.01	Nodular barite bed	BDG	35
A-18-148	361.06	361.07	0.01	Dull brown pyrite lamina	BDG	26
A-18-148	361.39	361.4	0.01	Nodular barite lamina	BDG	38
A-18-148	361.5	361.51	0.01	Nodular barite lamina	BDG	27
A-18-148	362.59	362.6	0.01	Silt lamina	BDG	48
A-18-148	363.07	363.08	0.01	Dull brown pyrite lamina	BDG	35
A-18-148	364.26	364.27	0.01	Nodular barite bed	BDG	35
A-18-148	364.91	364.92	0.01	Fragment bed	BDG	25
A-18-148	365.88	365.89	0.01	Shale lamina	BDG	21
A-18-148	366.98	366.99	0.01	Silt lamina	BDG	25
A-18-148	367.31	367.32	0.01	Dull brown pyrite lamina	BDG	22
A-18-148	367.53	367.54	0.01	Nodular barite bed	BDG	22
A-18-148	368.63	368.64	0.01	Dull brown pyrite lamina	BDG	19
A-18-148	369.02	369.03	0.01	Silt lamina	BDG	23
A-18-148	369.95	369.96	0.01	Silt bed	BDG	22
A-18-148	371.57	371.58	0.01	Dull brown pyrite lamina	BDG	23
A-18-148	371.97	371.98	0.01	Silt lamina	BDG	20
A-18-148	372.58	372.59	0.01	Shale lamina	BDG	22
A-18-148	374.43	374.44	0.01	Silt lamina	BDG	38
A-18-148	376.35	376.36	0.01	Dull brown pyrite lamina	BDG	36
A-18-148	376.65	376.66	0.01	Dull brown pyrite lamina	BDG	41
A-18-148	377.68	377.69	0.01	Silt lamina	BDG	25
A-18-148	378.23	378.24	0.01	Dull brown pyrite lamina	BDG	26
A-18-148	378.52	378.53	0.01	Silt lamina	BDG	25
A-18-148	380.14	380.15	0.01	Dull brown pyrite lamina	BDG	28
A-18-148	380.73	380.74	0.01	Dull brown pyrite lamina	BDG	31

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	381.09	381.1	0.01	Dull brown pyrite lamina	BDG	31
A-18-148	381.91	381.92	0.01	Dull brown pyrite lamina	BDG	28
A-18-148	382.69	382.7	0.01	Dull brown pyrite lamina	BDG	30
A-18-148	383.36	383.37	0.01	Dull brown pyrite lamina	BDG	26
A-18-148	384.04	384.05	0.01	Dull brown pyrite lamina	BDG	26
A-18-148	384.69	384.7	0.01	Dull brown pyrite lamina	BDG	24
A-18-148	385.32	385.33	0.01	Dull brown pyrite lamina	BDG	30
A-18-148	391.92	391.93	0.01	Silt lamina	BDG	43
A-18-148	393.05	393.06	0.01	Dull brown pyrite lamina	BDG	45
A-18-148	393.2	393.21	0.01	Silt bed	BDG	40
A-18-148	393.53	393.54	0.01	Dull brown pyrite lamina	BDG	42
A-18-148	396.34	396.35	0.01	Silt bedding	BDG	40
A-18-148	398.16	398.17	0.01	Dull brown pyrite lamina	BDG	38
A-18-148	398.95	398.96	0.01	Dull brown pyrite lamina	BDG	39
A-18-148	399.42	399.43	0.01	Silt lamina	BDG	45
A-18-148	399.38	399.39	0.01	Cleavage	CLV	42
A-18-148	400.27	400.28	0.01	Cleavage	CLV	34
A-18-148	400.55	400.94	0.39	Fault area with small angular fragments and gouge	FLT	
A-18-148	401.87	402	0.13	Rubble and gouge	FLT	
A-18-148	402.1	406.79	4.69	Heavily faulted area of gouge and crumbling core	FLT	
A-18-148	405.51	405.52	0.01	Cleavage	CLV	31
A-18-148	407.05	407.06	0.01	Silt lamina	BDG	45
A-18-148	407.47	407.48	0.01	Cleavage	CLV	44
A-18-148	407.82	407.83	0.01	Silt lamina	BDG	36
A-18-148	408.1	408.19	0.09	Faulted zone with blocky angular fragments	FLT	
A-18-148	408.31	408.32	0.01	Cleavage	CLV	50
A-18-148	408.45	408.6	0.15	Faulted zone of small angular fragments broken along cleavage	FLT	
A-18-148	408.84	408.85	0.01	Silt lamina	BDG	44
A-18-148	409.33	409.34	0.01	Cleavage	CLV	45
A-18-148	409.41	410.75	1.34	Faulted area with gouge, small angular fragments, poker chip fragments and crumbling core	FLT	
A-18-148	411.06	411.07	0.01	Cleavage	CLV	36
A-18-148	411.2	411.21	0.01	Silt lamina	BDG	37
A-18-148	411.25	417.15	5.9	Large faulted area with gouge, small angular fragments, compressed gouge, and crumbling core with graphitic cleavage	FLT	
A-18-148	417.33	417.34	0.01	Dull brown pyrite lamina	BDG	44
A-18-148	417.41	417.42	0.01	Dull brown pyrite lamina	BDG	65
A-18-148	417.5	417.51	0.01	Dull brown pyrite lamina	BDG	150
A-18-148	417.63	417.64	0.01	Silt lamina	BDG	53
A-18-148	417.69	418.16	0.47	Faulted area with small angular rubble, gouge, and compressed gouge	FLT	
A-18-148	418.22	418.23	0.01	Brassy yellow pyrite lamina	BDG	57

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	418.28	418.29	0.01	Cleavage	CLV	41
A-18-148	418.5	418.63	0.13	Fault gouge	FLT	
A-18-148	418.78	418.79	0.01	Dull brown pyrite lamina	BDG	62
A-18-148	419.2	419.21	0.01	Cleavage	CLV	42
A-18-148	419.38	419.39	0.01	Dull brown pyrite lamina	BDG	63
A-18-148	420.24	420.25	0.01	Brassy yellow pyrite lamina	BDG	50
A-18-148	420.28	420.29	0.01	Cleavage	CLV	43
A-18-148	420.77	420.78	0.01	Cleavage	CLV	45
A-18-148	421.23	421.24	0.01	Dull brown pyrite lamina	BDG	57
A-18-148	421.31	421.32	0.01	Cleavage	CLV	43
A-18-148	422.28	422.29	0.01	Dull brown pyrite lamina	BDG	60
A-18-148	422.89	422.9	0.01	Dull brown pyrite lamina	BDG	66
A-18-148	423.4	423.41	0.01	Cleavage	CLV	64
A-18-148	424.51	424.74	0.23	Faulted area of blocky angular fragments	FLT	
A-18-148	424.97	424.98	0.01	Cleavage	CLV	40
A-18-148	425.28	425.42	0.14	Small fault area of small angular graphitic fragments	FLT	
A-18-148	425.75	426.12	0.37	Faulted area of blocky angular fragments	FLT	
A-18-148	426.76	426.77	0.01	Cleavage	CLV	36
A-18-148	427.37	427.38	0.01	Secondary Cleavage	CLV	129
A-18-148	427.68	427.69	0.01	Silt lenses	BDG	39
A-18-148	428.12	428.13	0.01	Silt lenses	BDG	44
A-18-148	428.61	428.62	0.01	Cleavage	CLV	45
A-18-148	428.8	428.81	0.01	Secondary Cleavage	CLV	160
A-18-148	428.91	428.92	0.01	Silt lenses	BDG	44
A-18-148	429.2	429.21	0.01	Cleavage	CLV	51
A-18-148	429.77	429.86	0.09	Faulted area of large angular fragments	FLT	
A-18-148	430.24	430.25	0.01	Silt lenses	BDG	48
A-18-148	430.49	430.5	0.01	Cleavage	CLV	56
A-18-148	430.72	430.73	0.01	S fold axis	FAS	129
A-18-148	431.04	431.05	0.01	Dull brown pyrite lamina	BDG	55
A-18-148	431.63	431.64	0.01	Dull brown pyrite lamina	CLV	58
A-18-148	432.27	432.28	0.01	Dull brown pyrite lamina	BDG	46
A-18-148	432.93	432.94	0.01	Cleavage	CLV	41
A-18-148	433.72	433.73	0.01	Dull brown pyrite lamina	BDG	61
A-18-148	434.01	434.02	0.01	Cleavage	CLV	44
A-18-148	434.65	434.66	0.01	Silt lamina	BDG	52
A-18-148	434.85	434.86	0.01	Cleavage	CLV	38
A-18-148	435.71	435.72	0.01	Cleavage	CLV	38
A-18-148	436.71	436.72	0.01	Dull brown pyrite lamina	BDG	47
A-18-148	436.88	436.89	0.01	Cleavage	CLV	41
A-18-148	437.22	437.55	0.33	Faulted area of small angular fragments	FLT	
A-18-148	437.66	437.67	0.01	Silt nodule lamina	BDG	30
A-18-148	438.16	438.17	0.01	Silt lamina	BDG	58

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	439.17	440.13	0.96	Faulted area of frequently fragmented poker chip fragments	FLT	
A-18-148	440.4	440.41	0.01	Cleavage	CLV	40
A-18-148	440.66	440.67	0.01	Dull brown pyrite lamina	BDG	39
A-18-148	440.92	440.99	0.07	Heavily faulted area of poker chip fragments and small angular rubble	FLT	
A-18-148	441.42	441.43	0.01	Nodular barite lamina	BDG	40
A-18-148	441.95	442.22	0.27	Faulted area of large blocky angular fragments	FLT	
A-18-148	442.6	442.61	0.01	Cleavage	CLV	35
A-18-148	442.77	442.78	0.01	Pyrite bed	BDG	30
A-18-148	443.17	443.44	0.27	Faulted area of large blocky angular fragments	FLT	
A-18-148	443.8	443.81	0.01	Shale lamina	BDG	46
A-18-148	444.33	444.34	0.01	Cleavage	CLV	37
A-18-148	444.55	444.56	0.01	Nodular barite lamina	BDG	55
A-18-148	445.07	445.08	0.01	Cleavage	CLV	50
A-18-148	445.59	445.6	0.01	Nodular barite lamina	BDG	46
A-18-148	446.53	446.54	0.01	Cleavage	CLV	44
A-18-148	447.09	447.1	0.01	Silt lamina	BDG	59
A-18-148	447.25	447.26	0.01	Silt lamina	BDG	40
A-18-148	448.48	448.49	0.01	Dull brown pyrite lamina	BDG	35
A-18-148	448.61	448.62	0.01	Cleavage	CLV	45
A-18-148	449.54	449.55	0.01	Silt lamina	BDG	32
A-18-148	450.95	450.96	0.01	Silt nodule lamina	BDG	56
A-18-148	451.53	451.54	0.01	Cleavage	CLV	44
A-18-148	452.76	452.77	0.01	Silt nodule lamina	BDG	46
A-18-148	453.11	453.12	0.01	Cleavage	CLV	64
A-18-148	454.09	454.1	0.01	Cleavage	CLV	48
A-18-148	455.88	455.89	0.01	Cleavage	CLV	44
A-18-148	456.4	456.41	0.01	Silt nodule lamina	BDG	70
A-18-148	460.28	460.29	0.01	Cleavage	CLV	54
A-18-148	460.61	460.82	0.21	Series of folds with consistent fold axis	FA	43
A-18-148	461.28	461.29	0.01	Dull brown pyrite lamina	BDG	45
A-18-148	461.73	461.74	0.01	Silt lamina	BDG	52
A-18-148	462.68	462.69	0.01	Silt lamina	BDG	45
A-18-148	463.49	463.5	0.01	Cleavage	CLV	44
A-18-148	463.68	463.69	0.01	M-fold axis	FAM	15
A-18-148	463.92	464.52	0.6	Faulted area of small angular rubble, blocky fragments, and graphitic cleavage faces	FLT	
A-18-148	464.84	464.85	0.01	Silt lamina	BDG	43
A-18-148	465.34	465.35	0.01	Dull brown pyrite lamina	BDG	41
A-18-148	466.73	466.74	0.01	Dull brown pyrite lamina	BDG	40
A-18-148	467.18	467.19	0.01	Cleavage	CLV	43
A-18-148	468.55	468.56	0.01	Cleavage	CLV	37
A-18-148	469.39	469.4	0.01	Dull brown pyrite lamina	BDG	34

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	470.36	470.37	0.01	Dull brown pyrite lamina	BDG	21
A-18-148	470.99	471	0.01	Cleavage	CLV	35
A-18-148	471.31	471.32	0.01	Dull brown pyrite lamina	BDG	32
A-18-148	471.84	471.85	0.01	Cleavage	CLV	27
A-18-148	472.93	472.94	0.01	Dull brown pyrite lamina	BDG	45
A-18-148	473.01	473.02	0.01	Dull brown pyrite lamina	BDG	75
A-18-148	474.06	474.07	0.01	Dull brown pyrite lamina	BDG	80
A-18-148	474.27	474.28	0.01	Cleavage	CLV	50
A-18-148	474.53	474.54	0.01	Dull brown pyrite lamina	BDG	74
A-18-148	474.85	474.86	0.01	Dull brown pyrite lamina	BDG	77
A-18-148	475.27	475.28	0.01	Cleavage	CLV	32
A-18-148	475.84	475.85	0.01	Dull brown pyrite lamina	BDG	86
A-18-148	476.4	476.41	0.01	Cleavage	CLV	42
A-18-148	477.35	477.36	0.01	Dull brown pyrite lamina	BDG	71
A-18-148	478.17	478.18	0.01	Cleavage	CLV	33
A-18-148	479.42	479.43	0.01	Cleavage	CLV	46
A-18-148	480.43	480.44	0.01	Dull brown pyrite lamina	BDG	66
A-18-148	481.29	481.3	0.01	Dull brown pyrite lamina	BDG	63
A-18-148	482.28	482.29	0.01	Cleavage	CLV	39
A-18-148	482.48	482.49	0.01	Secondary Cleavage	CLV	149
A-18-148	483.79	483.8	0.01	Silt bed	BDG	55
A-18-148	484.24	484.25	0.01	Silt bed	BDG	75
A-18-148	484.51	484.52	0.01	Cleavage	CLV	31
A-18-148	484.79	485.37	0.58	Faulted area of small angular fragments and poker chip fragments with graphitic faces	FLT	
A-18-148	485.61	485.62	0.01	Silt bed	BDG	57
A-18-148	486.66	486.67	0.01	Cleavage	CLV	37
A-18-148	487.08	487.09	0.01	Dull brown pyrite lamina	BDG	65
A-18-148	488.6	488.61	0.01	Secondary Cleavage	CLV	157
A-18-148	489.08	489.09	0.01	Dull brown pyrite lamina	BDG	47
A-18-148	489.87	489.88	0.01	Silt lamina	BDG	67
A-18-148	490.17	490.62	0.45	Faulted area of blocky angular fragments	FLT	
A-18-148	491.07	491.08	0.01	Cleavage	CLV	42
A-18-148	491.19	491.2	0.01	Silt lamina	BDG	57
A-18-148	491.39	491.4	0.01	Cleavage	CLV	36
A-18-148	491.67	491.68	0.01	Silt lamina	BDG	48
A-18-148	493.32	493.91	0.59	Faulted area of crumbling core, graphitic cleavage cages and angular rubble	FLT	
A-18-148	494.09	494.52	0.43	Faulted are of rubble, poker chip fragments, and angular blocks	FLT	
A-18-148	495.09	495.38	0.29	Faulted area of blocky angular fragments and rubble	FLT	
A-18-148	495.67	495.77	0.1	Small fault gouge	FLT	40
A-18-148	495.8	495.81	0.01	Silt lamina	BDG	41
A-18-148	496	496.01	0.01	Cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	496.05	496.06	0.01	Cleavage	CLV	56
A-18-148	496.53	496.54	0.01	Silt lamina	BDG	27
A-18-148	496.87	496.88	0.01	Cleavage	CLV	51
A-18-148	497.28	497.29	0.01	Cleavage	CLV	27
A-18-148	498.99	499	0.01	Cleavage	CLV	55
A-18-148	499.53	499.54	0.01	Cleavage	CLV	35
A-18-148	499.71	499.72	0.01	Silt lamina	BDG	23
A-18-148	500.44	500.45	0.01	Cleavage	CLV	32
A-18-148	500.48	500.63	0.15	Faulted area of small angular blocks	FLT	
A-18-148	500.87	500.88	0.01	Cleavage	CLV	37
A-18-148	500.98	500.99	0.01	Silt bed	BDG	19
A-18-148	502.05	502.06	0.01	Cleavage	CLV	28
A-18-148	502.6	502.93	0.33	Faulted area of angular blocks	FLT	
A-18-148	503.09	503.1	0.01	Nodular barite bed	BDG	12
A-18-148	503.66	503.67	0.01	Cleavage	CLV	24
A-18-148	504.08	504.09	0.01	Silt bedding	BDG	15
A-18-148	504.21	504.45	0.24	Faulted gouge	FLT	
A-18-148	504.96	504.97	0.01	Silt bedding	BDG	35
A-18-148	505.29	505.3	0.01	Cleavage	CLV	34
A-18-148	506.74	506.75	0.01	Nodular barite bed	BDG	38
A-18-148	507.57	507.58	0.01	Cleavage	CLV	38
A-18-148	508.19	508.2	0.01	Nodular barite bed	BDG	24
A-18-148	509.15	509.16	0.01	Dull brown pyrite lamina	BDG	30
A-18-148	509.44	509.45	0.01	Cleavage	CLV	44
A-18-148	510.04	510.05	0.01	Undulating dull brown pyrite bed	BDG	60
A-18-148	510.8	510.81	0.01	Cleavage	CLV	37
A-18-148	511.03	511.04	0.01	S-fold axis	FAS	43
A-18-148	511.39	511.4	0.01	Silt lamina	BDG	13
A-18-148	511.79	511.8	0.01	Cleavage	CLV	32
A-18-148	512.06	512.07	0.01	Nodular barite lamina	BDG	27
A-18-148	513.4	513.41	0.01	Dull brown pyrite lamina	BDG	26
A-18-148	514.03	514.04	0.01	Cleavage	CLV	32
A-18-148	514.82	514.83	0.01	Cleavage	CLV	24
A-18-148	515.22	515.42	0.2	Faulted area of large angular blocks	FLT	
A-18-148	515.99	516	0.01	Cleavage	CLV	34
A-18-148	516.72	516.73	0.01	Silt bedding	BDG	29
A-18-148	517.51	517.52	0.01	Silt lamination	BDG	24
A-18-148	517.92	517.93	0.01	Cleavage	CLV	15
A-18-148	518.8	519.17	0.37	Faulted area of small angular rubble and gouge	FLT	
A-18-148	519.46	519.47	0.01	Silt bed	BDG	23
A-18-148	519.62	519.99	0.37	Faulted are of large angular fragments and gouge	FLT	
A-18-148	520.12	520.2	0.08	Small fault gouge	FLT	25
A-18-148	521.76	521.77	0.01	Nodular barite lamina	BDG	12
A-18-148	522.25	522.59	0.34	Faulted area of large angular blocks	FLT	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	522.97	522.98	0.01	Nodular barite lamina	BDG	22
A-18-148	523.34	523.35	0.01	Cleavage	CLV	23
A-18-148	523.36	523.86	0.5	Small angular fragments and gouge	FLT	
A-18-148	523.97	523.98	0.01	Silt bed	BDG	20
A-18-148	524.24	524.25	0.01	Cleavage	CLV	43
A-18-148	524.6	525.72	1.12	Faulted area of crumbling core, graphitic cleavage faces and large angular blocks	FLT	
A-18-148	525.76	525.77	0.01	Cleavage	CLV	30
A-18-148	526.11	526.2	0.09	Fault gouge	FLT	
A-18-148	526.35	526.36	0.01	Cleavage	CLV	40
A-18-148	526.83	526.84	0.01	Cleavage	CLV	9
A-18-148	526.96	526.97	0.01	Silt lamination	BDG	10
A-18-148	528.21	528.22	0.01	Silt lamination	BDG	13
A-18-148	529.11	529.48	0.37	Faulted area of large angular fragments	FLT	
A-18-148	530.29	530.3	0.01	Silt lamination	BDG	17
A-18-148	530.66	530.86	0.2	Faulted area of large angular fragments and graphitic cleavage	FLT	
A-18-148	532.03	532.04	0.01	Cleavage	CLV	41
A-18-148	532.41	532.42	0.01	Cleavage	CLV	33
A-18-148	532.74	532.75	0.01	Cleavage	CLV	43
A-18-148	532.9	533.08	0.18	Faulted area of large angular fragments	FLT	
A-18-148	533.48	533.49	0.01	Cleavage	CLV	43
A-18-148	534.08	534.09	0.01	Cleavage	CLV	39
A-18-148	534.59	534.6	0.01	Cleavage	CLV	37
A-18-148	535.56	535.57	0.01	Cleavage	CLV	48
A-18-148	535.69	535.7	0.01	Silt bedding	BDG	33
A-18-148	536.16	536.17	0.01	Cleavage	CLV	40
A-18-148	536.85	539.46	2.61	Large faulted area with poker chip fragments, small rubble and gouge	FLT	
A-18-148	537.21	537.22	0.01	Brassy yellow pyrite lamina	BDG	51
A-18-148	537.79	537.8	0.01	Cleavage	CLV	44
A-18-148	538.72	538.73	0.01	Nodular barite lamina	BDG	66
A-18-148	540.07	540.08	0.01	Cleavage	CLV	34
A-18-148	540.85	540.86	0.01	Cleavage	CLV	36
A-18-148	541.14	541.15	0.01	Nodular barite lamina	BDG	60
A-18-148	542.06	542.07	0.01	Cleavage	CLV	41
A-18-148	542.72	543.9	1.18	Faulted area with qtz-cab veining area, graphitic cleavage faces, gouge and angular blocky fragments	FLT	
A-18-148	544.01	544.02	0.01	Cleavage	CLV	29
A-18-148	544.08	544.09	0.01	Silt lamina	BDG	29
A-18-148	544.43	544.77	0.34	Faulted area of large blocky fragments	FLT	
A-18-148	545.9	545.91	0.01	Cleavage	CLV	23
A-18-148	546.18	546.19	0.01	Dull brown pyrite lamina	BDG	53

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	546.27	546.81	0.54	Faulted area of gouge, crumbling core and graphitic faces	FLT	
A-18-148	547.04	547.05	0.01	Nodular barite lamina	BDG	46
A-18-148	547.44	547.45	0.01	Cleavage	CLV	34
A-18-148	548.17	548.18	0.01	Cleavage	CLV	35
A-18-148	548.35	548.36	0.01	Dull brown pyrite bed	BDG	73
A-18-148	548.72	548.73	0.01	Dull brown pyrite bed	BDG	48
A-18-148	548.8	549.4	0.6	Faulted area of graphitic angular blocky fragments and gouge	FLT	
A-18-148	549.25	549.26	0.01	Nodular barite lamina	BDG	14
A-18-148	549.48	549.49	0.01	Nodular barite lamina	BDG	22
A-18-148	549.83	550.74	0.91	Faulted area of graphitic poker chip fragments and small graphitic rubble	FLT	
A-18-148	550.19	550.2	0.01	Dull brown pyrite lamina	BDG	82
A-18-148	550.21	550.22	0.01	Cleavage	CLV	48
A-18-148	550.77	550.78	0.01	Nodular barite lamina	BDG	32
A-18-148	550.81	550.82	0.01	Dull brown pyrite lamina	BDG	79
A-18-148	550.92	550.93	0.01	Nodular barite lamina	BDG	125
A-18-148	551.17	551.18	0.01	Cleavage	CLV	30
A-18-148	551.64	551.65	0.01	Cleavage	CLV	38
A-18-148	551.7	551.71	0.01	Nodular barite lamina	BDG	127
A-18-148	551.88	551.89	0.01	Nodular barite lamina	BDG	90
A-18-148	551.96	551.97	0.01	Weakly calcareous irregular silt bed	BDG	70
A-18-148	552.68	552.69	0.01	Cleavage	CLV	36
A-18-148	554	554.01	0.01	Cleavage	CLV	44
A-18-148	554.37	554.38	0.01	Cleavage	CLV	42
A-18-148	554.7	554.71	0.01	Silt lamina	BDG	45
A-18-148	555.47	555.48	0.01	Silt lamina	BDG	60
A-18-148	555.4	555.41	0.01	Cleavage	CLV	45
A-18-148	556.1	556.11	0.01	Nodular barite Fold axis hinging up hole	FA-UP	30
A-18-148	556.3	556.31	0.01	Wavy silt lamina	BDG	70
A-18-148	556.48	556.49	0.01	Nodular barite bed	BDG	59
A-18-148	556.49	556.58	0.09	Small fault gouge	FLT	
A-18-148	556.76	556.77	0.01	Cleavage	CLV	41
A-18-148	557.5	557.51	0.01	Cleavage	CLV	26
A-18-148	558.04	558.05	0.01	Silt bedding	BDG	75
A-18-148	558.11	558.12	0.01	Silt bedding	BDG	48
A-18-148	558.59	558.6	0.01	Silt bedding	BDG	70
A-18-148	558.94	558.95	0.01	Cleavage	CLV	20
A-18-148	559.4	559.41	0.01	Silt lamina	BDG	50
A-18-148	559.5	559.51	0.01	undulating silt lamina	BDG	125
A-18-148	559.53	559.54	0.01	Cleavage	CLV	33
A-18-148	559.83	559.84	0.01	Silt lamina	BDG	64
A-18-148	560.4	560.41	0.01	Cleavage	CLV	41

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	560.58	560.59	0.01	S-fold axis of silt bed	FAS	29
A-18-148	561.3	561.31	0.01	Fold axis hinging up hole of silt bedding	FA	27
A-18-148	561.71	561.72	0.01	Brassy yellow pyrite lamina	BDG	92
A-18-148	561.98	561.99	0.01	Cleavage	CLV	35
A-18-148	562.71	562.72	0.01	Cleavage	CLV	39
A-18-148	563.73	563.74	0.01	Cleavage	CLV	35
A-18-148	563.82	564.57	0.75	Heavily faulted zone of crumbling core, gouge and poker chip fragments	FLT	
A-18-148	564.9	564.91	0.01	Cleavage	CLV	43
A-18-148	565.15	565.16	0.01	Wavy pyritic silt lamina	BDG	93
A-18-148	565.56	565.57	0.01	Wavy pyritic silt lamina	BDG	80
A-18-148	566.69	566.7	0.01	Wavy pyritic silt lamina	BDG	65
A-18-148	567	567.01	0.01	Cleavage	CLV	44
A-18-148	568.94	568.95	0.01	Cleavage	CLV	52
A-18-148	568.07	568.08	0.01	Wavy pyritic silt lamina	BDG	69
A-18-148	568.6	568.61	0.01	Dull brown pyrite stringer	BDG	71
A-18-148	569.3	572.3	3	Heavily faulted area of blocky highly graphitic fragments with gouge and heavy qtz-carbonate veining	FLT	
A-18-148	569.5	569.51	0.01	Cleavage	CLV	52
A-18-148	572.45	572.46	0.01	Cleavage	CLV	53
A-18-148	573.24	573.25	0.01	Cleavage	CLV	50
A-18-148	573.54	573.55	0.01	Cleavage	CLV	46
A-18-148	575.8	575.81	0.01	Cleavage	CLV	62
A-18-148	576.03	576.47	0.44	Heavily faulted area of graphitic blocky crumbling fragments and heavy qtz-carbonate veining	FLT	
A-18-148	576.68	576.69	0.01	Fragment bed	BDG	50
A-18-148	577.1	577.11	0.01	Nodular barite lamina	BDG	65
A-18-148	577.23	577.56	0.33	Fault gouge and crumbling core	FLT	
A-18-148	577.7	577.75	0.05	Small fault gouge	FLT	144
A-18-148	578.02	578.03	0.01	Silt lamina	BDG	68
A-18-148	578.92	578.93	0.01	Silt lamina	BDG	55
A-18-148	579.07	579.08	0.01	Cleavage	CLV	57
A-18-148	579.39	579.4	0.01	Cleavage	CLV	53
A-18-148	579.82	579.83	0.01	Cleavage	CLV	53
A-18-148	580.07	580.08	0.01	Silt laminations	BDG	55
A-18-148	580.75	580.76	0.01	Silt laminations	BDG	55
A-18-148	581.44	581.45	0.01	Cleavage	CLV	49
A-18-148	582.13	582.14	0.01	Cleavage	CLV	61
A-18-148	582.46	583.2	0.74	Heavily faulted area of crumbling core, gouge, and graphitic rubble	FLT	
A-18-148	583.57	583.58	0.01	Cleavage	CLV	60
A-18-148	584.28	584.29	0.01	Silt laminations	BDG	40
A-18-148	584.6	584.61	0.01	Silt lamina	BDG	39

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	585	585.01	0.01	Cleavage	CLV	46
A-18-148	585.59	585.6	0.01	Silt laminations	BDG	41
A-18-148	586.23	586.27	0.04	Small fault gouge	FLT	
A-18-148	586.94	586.95	0.01	Fragment bed	BDG	43
A-18-148	587.75	587.76	0.01	Cleavage	CLV	41
A-18-148	588.8	589.19	0.39	Faulted area of gouge and blocky graphitic fragments	FLT	
A-18-148	588.99	589	0.01	Silt lamina	BDG	41
A-18-148	588.47	588.48	0.01	Cleavage	CLV	38
A-18-148	589.67	589.68	0.01	Cleavage	CLV	40
A-18-148	590.43	590.44	0.01	Fragment bed	BDG	40
A-18-148	590.91	590.92	0.01	Cleavage	CLV	30
A-18-148	592.05	592.06	0.01	Cleavage	CLV	42
A-18-148	593.73	593.74	0.01	Pyritic silt lamina	BDG	41
A-18-148	594.41	594.42	0.01	Disrupted pinstripe silt lamina	BDG	62
A-18-148	594.47	594.48	0.01	Disrupted pinstripe silt lamina	BDG	74
A-18-148	595.33	595.34	0.01	Cherty sandstone bed	BDG	48
A-18-148	597.31	597.32	0.01	Pyritic silt lens	BDG	60
A-18-148	599.34	599.35	0.01	Cleavage	CLV	52
A-18-148	600.56	600.57	0.01	Cleavage	CLV	60
A-18-148	601.15	601.16	0.01	Pyritic silt lens	BDG	65
A-18-148	602.33	602.34	0.01	Cleavage	CLV	65
A-18-148	604.03	604.04	0.01	Cleavage	CLV	56
A-18-148	604.6	604.61	0.01	Silt lamina	BDG	54
A-18-148	606.29	606.3	0.01	Disrupted pinstripe silt lamina	BDG	71
A-18-148	606.4	606.41	0.01	Disrupted pinstripe silt lamina	BDG	75
A-18-148	606.66	607.19	0.53	Faulted area of crumbling core and gouge	FLT	
A-18-148	607.38	607.39	0.01	Pyritic silt lamina	BDG	60
A-18-148	607.83	607.9	0.07	Faulted zone of poker chip and angular fragments with slicken lines on faces	FLT	
A-18-148	608.24	608.25	0.01	Disrupted pinstripe silt lamina	BDG	114
A-18-148	608.3	608.46	0.16	Faulted area of blocky angular fragments and gouge	FLT	
A-18-148	608.59	608.6	0.01	Silt lamina	BDG	60
A-18-148	609.66	609.67	0.01	Cherty sandstone bed	BDG	80
A-18-148	610.53	610.54	0.01	Cleavage	CLV	75
A-18-148	611.58	611.59	0.01	Cherty sandstone bed	BDG	69
A-18-148	612.03	612.04	0.01	Cleavage	CLV	65
A-18-148	612.55	612.56	0.01	Cherty sandstone bed	BDG	73
A-18-148	614.07	614.08	0.01	Cherty sandstone bed	BDG	85
A-18-148	614.72	614.73	0.01	Cleavage	CLV	52
A-18-148	615.77	615.78	0.01	Disrupted pinstripe silt lamina	BDG	62
A-18-148	616.54	616.55	0.01	Cleavage	CLV	50
A-18-148	616.78	616.79	0.01	Disrupted pinstripe silt lamina	BDG	80
A-18-148	617.59	617.6	0.01	Disrupted pinstripe silt lamina	BDG	71
A-18-148	618.62	618.63	0.01	Cleavage	CLV	49

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	619.46	619.47	0.01	Cherty sandstone bed	BDG	62
A-18-148	621.49	621.5	0.01	Disrupted pinstripe silt lamina	BDG	74
A-18-148	622.34	622.35	0.01	Cleavage	CLV	34
A-18-148	623.76	623.77	0.01	Cherty sandstone bed	BDG	55
A-18-148	624.03	624.04	0.01	Cleavage	CLV	37
A-18-148	624.7	624.71	0.01	Cleavage	CLV	12
A-18-148	625.17	625.18	0.01	Cleavage	CLV	20
A-18-148	627.59	627.6	0.01	Bleached silt fragment	BDG	115
A-18-148	627.89	627.9	0.01	Cleavage	CLV	111
A-18-148	628.05	628.06	0.01	Bleached silt fragment	BDG	115
A-18-148	629.14	629.15	0.01	Cleavage	CLV	31
A-18-148	629.58	629.59	0.01	Bleached silt fragment	BDG	120
A-18-148	630.78	630.79	0.01	Silt lamina	BDG	100
A-18-148	632.84	632.85	0.01	Bleached silt fragment	BDG	112
A-18-148	632.72	632.73	0.01	Silt lamina	BDG	89
A-18-148	633.06	633.07	0.01	Cleavage	CLV	37
A-18-148	633.22	633.23	0.01	Silt lamina	BDG	78
A-18-148	634.09	634.1	0.01	Silt lamina	BDG	68
A-18-148	635.71	635.72	0.01	Silt lamina	BDG	130
A-18-148	636.13	636.14	0.01	Silt lamina	BDG	46
A-18-148	637.84	637.85	0.01	Silt lamina	BDG	45
A-18-148	638.4	638.41	0.01	Cleavage	CLV	40
A-18-148	639.12	639.13	0.01	Silt lamina	BDG	54
A-18-148	639.33	639.34	0.01	Cleavage	CLV	40
A-18-148	641.16	641.17	0.01	Silt lamina	BDG	79
A-18-148	642.34	642.35	0.01	Silt lamina	BDG	83
A-18-148	643.39	643.4	0.01	Silt lamina	BDG	65
A-18-148	644.35	644.36	0.01	Silt lamina	BDG	132
A-18-148	644.6	644.61	0.01	Silt lamina	BDG	76
A-18-148	645.44	645.45	0.01	S-fold axis	FAS	131
A-18-148	645.94	645.95	0.01	Silt lamina	BDG	68
A-18-148	647.06	647.07	0.01	Silt lamina	BDG	57
A-18-148	647.71	647.72	0.01	Silt lamina	BDG	59
A-18-148	648	648.01	0.01	Cleavage	CLV	54
A-18-148	650.48	650.49	0.01	Cleavage	CLV	65
A-18-148	653.12	653.13	0.01	Silt lamina	BDG	60
A-18-148	653.47	653.48	0.01	Cleavage	CLV	59
A-18-148	658.37	658.38	0.01	Silt lamina	BDG	58
A-18-148	662.64	662.65	0.01	Silt lamina	BDG	57
A-18-148	663.61	663.62	0.01	Cleavage	CLV	58
A-18-148	664.1	664.11	0.01	Secondary Cleavage	CLV	150
A-18-148	664.67	664.68	0.01	Silt lamina	BDG	62
A-18-148	667.82	667.83	0.01	Silt lamina	BDG	59
A-18-148	669.23	669.24	0.01	Cleavage	CLV	59

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-18-148	671.98	671.99	0.01	Silt lamina	BDG	55
A-18-148	672.59	672.6	0.01	Cleavage	CLV	39
A-18-148	675.61	675.62	0.01	Silt lamina	BDG	61
A-18-148	677.92	677.93	0.01	Silt lamina	BDG	60
A-18-148	678.71	678.72	0.01	Cleavage	CLV	33
A-18-148	681.14	681.15	0.01	Silt lamina	BDG	60
A-18-148	684.7	684.71	0.01	Cleavage	CLV	95
A-18-148	687.7	687.71	0.01	Cleavage	CLV	56
A-18-148	688.5	688.51	0.01	Silt lamina	BDG	61
A-18-148	690.44	690.45	0.01	Silt lamina	BDG	60
A-18-148	691.2	691.21	0.01	Cleavage	CLV	39
A-18-148	691.39	691.4	0.01	Silt lamina	BDG	64
A-18-148	693.71	693.72	0.01	Silt lamina	BDG	64
A-18-148	694.95	694.96	0.01	Mudstone lamina	BDG	61
A-18-148	696.58	696.59	0.01	Cleavage	CLV	48
A-18-148	698.7	698.71	0.01	Silt lamina	BDG	65
A-18-148	699.71	699.72	0.01	Cleavage	CLV	42
A-18-148	701.24	701.25	0.01	Silt lamina	BDG	60
A-18-148	702.88	702.89	0.01	Silt lamina	BDG	66
A-18-148	705.71	705.72	0.01	Cleavage	CLV	38
A-18-148	707.75	707.76	0.01	Silt lamina	BDG	61
A-18-148	710.15	710.16	0.01	Cleavage	CLV	39
A-18-148	710.82	710.83	0.01	Silt lamina	BDG	65
A-18-148	713.14	713.15	0.01	Silt lamina	BDG	68
A-18-148	714.07	714.08	0.01	Cleavage	CLV	25
A-18-148	717.54	717.55	0.01	Silt lamina	BDG	60
A-18-148	719.19	719.2	0.01	Cleavage	CLV	47
A-18-148	719.91	719.92	0.01	Secondary Cleavage	CLV	138
A-18-148	720.35	720.54	0.19	Small faulted area of blocky angular fragments	FLT	
A-18-148	721.36	721.37	0.01	Mudstone lamina	BDG	65

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-18-148	0.00		50	-65.3			Yes	Collar
A-18-148	23.70	30.3	48.8	-66.2	5730	REFLEX	Yes	
A-18-148	53.95	29.4	47.9	64.3	5732	REFLEX	Yes	
A-18-148	99.67	27.4	45.9	-64.8	5969	REFLEX	Yes	
A-18-148	139.29	28.6	57.1	-65.4	5713	REFLEX	Yes	
A-18-148	178.92	30.3	48.8.	-64.9	ERR	REFLEX	No	
A-18-148	178.92	27.4	45.9	-64.9	5708	REFLEX	Yes	
A-18-148	221.59	24.4	42.9	-64.5	5956	REFLEX	Yes	
A-18-148	227.69	25.1	43.6	-63.9	5710	REFLEX	Yes	
A-18-148	255.73	25.9	44.4	-63.5	5708	REFLEX	Yes	
A-18-148	282.55	22.2	40.7	-61.4	5707	REFLEX	Yes	
A-18-148	313.03	20.9	39.4	-60.7	5713	REFLEX	Yes	
A-18-148	343.51	1584	37.9	-58.4	5706	REFLEX	Yes	
A-18-148	373.99	17.4	35.9	-56.8	5710	REFLEX	Yes	
A-18-148	413.62	17.6	36.1	-56.4	5714	REFLEX	Yes	
A-18-148	444.10	16.3	34.8	-55.4	5707	REFLEX	Yes	
A-18-148	474.60	16.8	35.3	-54.7	5707	REFLEX	Yes	
A-18-148	505.05	15.6	34.1	-53.5	5711	REFLEX	Yes	
A-18-148	535.54	17.2	35.7	-53.8	5710	REFLEX	Yes	
A-18-148	569.06	113.8	132.3	-52.7	2042	REFLEX	No	
A-18-148	569.06	16.8	35.3	-51.9	5700	REFLEX	Yes	
A-18-148	614.78	18	36.5	-50	5692	REFLEX	Yes	
A-18-148	660.51	19.4	37.9	-49.3	5704	REFLEX	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-148	20.42	23.47	3.05	1.05	34.43	0.25	8.20						
A-18-148	23.47	26.52	3.05	0.63	20.66	0.22	7.21						
A-18-148	26.52	29.57	3.05	0.55	18.03	0.00	0.00						
A-18-148	29.57	32.61	3.04	1.16	38.16	0.12	3.95						
A-18-148	32.61	35.66	3.05	1.8	59.02	0.11	3.61						
A-18-148	35.66	38.71	3.05	2.3	75.41	0.25	8.20						
A-18-148	38.71	41.76	3.05	2.36	77.38	0.46	15.08						
A-18-148	41.76	44.81	3.05	2.36	77.38	0.10	3.28						
A-18-148	44.81	47.85	3.04	1.93	63.49	0.72	23.68						
A-18-148	47.85	50.90	3.05	1.69	55.41	0.39	12.79						
A-18-148	50.90	53.95	3.05	0.97	31.80	0.33	10.82						
A-18-148	53.95	57.00	3.05	2.81	92.13	1.51	49.51						
A-18-148	57.00	1584.00	1527.00	1.59	0.10	0.38	0.02						
A-18-148	60.05	63.09	3.04	2.68	88.16	0.32	10.53						
A-18-148	63.09	66.14	3.05	2.9	95.08	1.12	36.72						
A-18-148	66.14	69.19	3.05	2.08	68.20	0.24	7.87						
A-18-148	69.19	72.24	3.05	2.68	87.87	0.63	20.66						
A-18-148	72.24	75.29	3.05	2.8	91.80	0.57	18.69						
A-18-148	75.29	78.33	3.04	2.94	96.71	0.33	10.86						
A-18-148	78.33	81.38	3.05	2.83	92.79	0.62	20.33						
A-18-148	81.38	84.43	3.05	2.71	88.85	0.45	14.75						
A-18-148	84.43	87.48	3.05	2.7	88.52	0.12	3.93						
A-18-148	87.48	90.53	3.05	2.85	93.44	0.77	25.25						
A-18-148	90.53	93.57	3.04	2.81	92.43	0.61	20.07						
A-18-148	93.57	96.62	3.05	2.85	93.44	0.49	16.07						
A-18-148	96.62	99.67	3.05	2.07	67.87	0	0.00						
A-18-148	99.67	102.72	3.05	2.77	90.82	0.76	24.92						
A-18-148	102.72	105.77	3.05	2.84	93.11	0.20	6.56						
A-18-148	105.77	108.81	3.04	1.61	52.96	0.47	15.46						
A-18-148	108.81	111.25	2.44	0.9	36.89	0	0.00						
A-18-148	111.25	112.17	0.92	0.6	65.22	0	0.00						
A-18-148	112.17	112.47	0.30	0	0.00	0	0.00						
A-18-148	112.47	114.91	2.44	0.44	18.03	0	0.00						
A-18-148	114.91	117.96	3.05	0.46	15.08	0	0.00						
A-18-148	117.96	121.01	3.05	1.42	46.56	0	0.00						
A-18-148	121.01	124.05	3.04	1.7	55.92	0	0.00						
A-18-148	124.05	127.10	3.05	1.93	63.28	0	0.00						
A-18-148	127.10	130.15	3.05	2.95	96.72	1.26	41.31						
A-18-148	130.15	133.20	3.05	1.98	64.92	0.22	7.21						
A-18-148	133.20	136.25	3.05	1.9	62.30	0.11	3.61						
A-18-148	136.25	139.29	3.04	2.36	77.63	0.55	18.09						
A-18-148	139.29	142.34	3.05	2.1	68.85	0.57	18.69						
A-18-148	142.34	145.39	3.05	2.53	82.95	0.39	12.79						
A-18-148	145.39	148.44	3.05	2.1	68.85	0.12	3.93						
A-18-148	148.44	151.49	3.05	2.62	85.90	0.38	12.46						
A-18-148	151.49	154.53	3.04	2.64	86.84	0.76	25.00						
A-18-148	154.53	157.58	3.05	2.29	75.08	0.5	16.39						
A-18-148	157.58	160.63	3.05	2.65	86.89	0.93	30.49						
A-18-148	160.63	163.68	3.05	2.84	93.11	0.88	28.85						
A-18-148	163.68	166.73	3.05	2.92	95.74	1.47	48.20						
A-18-148	166.73	169.77	3.04	2.91	95.72	2.18	71.71						
A-18-148	169.77	172.82	3.05	2.33	76.39	0.37	12.13						

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-148	172.82	175.87	3.05	2.98	97.70	2.25	73.77						
A-18-148	175.87	178.92	3.05	2.68	87.87	1.34	43.93						
A-18-148	178.92	181.97	3.05	2.61	85.57	1.13	37.05						
A-18-148	181.97	185.01	3.04	2.57	84.54	0.2	6.58						
A-18-148	185.01	188.06	3.05	2.89	94.75	1.59	52.13						
A-18-148	188.06	191.11	3.05	3	98.36	2.43	79.67						
A-18-148	191.11	194.16	3.05	3.05	100.00	2.35	77.05						
A-18-148	194.16	197.21	3.05	2.95	96.72	2.44	80.00						
A-18-148	197.21	200.25	3.04	2.79	91.78	1.71	56.25						
A-18-148	200.25	203.30	3.05	1.08	35.41	0	0.00						
A-18-148	203.30	206.35	3.05	2.62	85.90	1.37	44.92						
A-18-148	206.35	209.40	3.05	2.95	96.72	1.9	62.30						
A-18-148	209.40	212.45	3.05	2.78	91.15	1.57	51.48						
A-18-148	212.45	215.49	3.04	2.87	94.41	2.13	70.07						
A-18-148	215.49	218.54	3.05	2.78	91.15	2.55	83.61						
A-18-148	218.54	221.59	3.05	2.88	94.43	2.49	81.64						
A-18-148	221.59	224.64	3.05	2.39	78.36	0.64	20.98						
A-18-148	224.64	227.69	3.05	3.05	100.00	2.58	84.59						
A-18-148	227.69	230.73	3.04	2.9	95.39	1.91	62.83						
A-18-148	230.73	233.78	3.05	2.61	85.57	1.17	38.36						
A-18-148	233.78	236.83	3.05	2.89	94.75	1.8	59.02						
A-18-148	236.83	239.88	3.05	2.3	75.41	0.6	19.67						
A-18-148	239.88	242.93	3.05	3.27	107.21	1.31	42.95						
A-18-148	242.93	245.97	3.04	2.11	69.41	0.2	6.58						
A-18-148	245.97	249.02	3.05	2.75	90.16	0	0.00						
A-18-148	249.02	252.07	3.05	2.48	81.31	0.44	14.43						
A-18-148	252.07	255.12	3.05	2.67	87.54	1.06	34.75						
A-18-148	255.12	258.17	3.05	2.85	93.44	1.81	59.34						
A-18-148	258.17	261.21	3.04	2.39	78.62	0.84	27.63						
A-18-148	261.21	264.26	3.05	2.67	87.54	0.32	10.49	2			2		
A-18-148	264.26	267.31	3.05	2.77	90.82	0.37	12.13	3		1	1		1
A-18-148	267.31	270.36	3.05	3.05	100.00	0	0.00	10	2	1	6	1	
A-18-148	270.36	273.41	3.05	2.65	86.89	0.13	4.26	6	3			3	
A-18-148	273.41	276.45	3.04	2.79	91.78	0	0.00	1			1		
A-18-148	276.45	279.50	3.05	2.29	75.08	0	0.00	4		3	1		
A-18-148	279.50	282.55	3.05	2.55	83.61	0.12	3.93	1			1		
A-18-148	282.55	285.60	3.05	2.81	92.13	0.1	3.28						
A-18-148	285.60	288.65	3.05	1.82	59.67	0	0.00						
A-18-148	288.65	291.69	3.04	1.52	50.00	0	0.00						
A-18-148	291.69	294.74	3.05	2.42	79.34	0.17	5.57	4		3		1	
A-18-148	294.74	297.79	3.05	2.14	70.16	0	0.00	1		1			
A-18-148	297.79	300.84	3.05	2.36	77.38	0	0.00	1				1	
A-18-148	300.84	303.89	3.05	2.48	81.31	1.64	53.77	3		1			2
A-18-148	303.89	306.93	3.04	3.03	99.67	2.5	82.24	1					1
A-18-148	306.93	309.98	3.05	3.18	104.26	2.58	84.59						
A-18-148	309.98	313.03	3.05	2.94	96.39	1.6	52.46	1		1			
A-18-148	313.03	316.08	3.05	2.54	83.28	1.32	43.28	4	2		1		1
A-18-148	316.08	319.13	3.05	2.99	98.03	1.26	41.31	2					2
A-18-148	319.13	322.17	3.04	2.59	85.20	0.36	11.84						
A-18-148	322.17	325.22	3.05	2.64	86.56	0.55	18.03						
A-18-148	325.22	328.27	3.05	2.62	85.90	0.71	23.28						
A-18-148	328.27	331.32	3.05	3	98.36	1.14	37.38						

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-148	331.32	334.37	3.05	2.75	90.16	0.21	6.89	2	2				
A-18-148	334.37	337.41	3.04	2.84	93.42	0.1	3.29	3		3			
A-18-148	337.41	340.46	3.05	2.44	80.00	0.3	9.84	1		1			
A-18-148	340.46	343.51	3.05	2.86	93.77	1.39	45.57	2		1	1		
A-18-148	343.51	346.56	3.05	2.88	94.43	0.98	32.13	1		1			
A-18-148	346.56	349.61	3.05	2.63	86.23	0.36	11.80	4			4		
A-18-148	349.61	352.65	3.04	2.66	87.50	0.89	29.28	1					1
A-18-148	352.65	355.70	3.05	3	98.36	2.47	80.98	1					1
A-18-148	355.70	358.75	3.05	2.55	83.61	1.69	55.41						
A-18-148	358.75	361.80	3.05	2.8	91.80	1.90	62.30	2					2
A-18-148	361.80	364.85	3.05	2.53	82.95	1.63	53.44	3				1	2
A-18-148	364.85	367.89	3.04	2.95	97.04	1.92	63.16	2					2
A-18-148	367.89	370.94	3.05	2.67	87.54	0.95	31.15	2		1	1		
A-18-148	370.94	373.99	3.05	2.8	91.80	1.02	33.44	1					1
A-18-148	373.99	377.04	3.05	2.34	76.72	0.23	7.54	1					1
A-18-148	377.04	380.09	3.05	2.47	80.98	0.99	32.46						
A-18-148	380.09	383.13	3.04	2.67	87.83	0.80	26.32						
A-18-148	383.13	386.18	3.05	2.84	93.11	1.21	39.67						
A-18-148	386.18	389.23	3.05	2.59	84.92	1.19	39.02						
A-18-148	389.23	392.28	3.05	2.76	90.49	1.30	42.62	4	2	2			
A-18-148	392.28	395.33	3.05	2.5	81.97	0.20	6.56						
A-18-148	395.33	398.37	3.04	2.62	86.18	0.10	3.29						
A-18-148	398.37	401.42	3.05	2.45	80.33	0.34	11.15	1					1
A-18-148	401.42	404.47	3.05	1.79	58.69	0.61	20.00	2					2
A-18-148	404.47	406.60	2.13	1.28	60.09	0.00	0.00						
A-18-148	406.60	407.52	0.92	0.78	84.78	0.00	0.00						
A-18-148	407.52	408.13	0.61	0.71	116.39	0.00	0.00						
A-18-148	408.13	409.96	1.83	1.5	81.97	0.00	0.00						
A-18-148	409.96	410.87	0.91	0.5	54.95	0.00	0.00						
A-18-148	410.87	411.48	0.61	0.9	147.54	0.00	0.00						
A-18-148	411.48	412.39	0.91	0.63	69.23	0.00	0.00						
A-18-148	412.39	413.61	1.22	0.48	39.34	0.00	0.00						
A-18-148	413.61	414.53	0.92	0.98	106.52	0.24	26.09						
A-18-148	414.53	416.66	2.13	1.51	70.89	1.01	47.42						
A-18-148	416.66	419.71	3.05	2.61	85.57	1.19	39.02	1					1
A-18-148	419.71	422.76	3.05	2.96	97.05	1.67	54.75	1					1
A-18-148	422.76	425.81	3.05	2.78	91.15	1.23	40.33						
A-18-148	425.81	428.24	2.43	2.14	88.07	1.24	51.03	1			1		
A-18-148	428.24	429.77	1.53	1.44	94.12	0.90	58.82						
A-18-148	429.77	431.90	2.13	2.01	94.37	1.53	71.83	5	3	2			
A-18-148	431.90	434.04	2.14	1.99	92.99	1.31	61.21						
A-18-148	434.04	435.86	1.82	1.56	85.71	0.69	37.91						
A-18-148	435.86	437.69	1.83	1.9	103.83	1.22	66.67						
A-18-148	437.69	440.13	2.44	2.19	89.75	0.28	11.48						
A-18-148	440.13	441.05	0.92	0.85	92.39	0	0.00						
A-18-148	441.05	443.48	2.43	2.22	91.36	0.42	17.28						
A-18-148	443.48	446.53	3.05	2.72	89.18	1.03	33.77	2					2
A-18-148	446.53	447.75	1.22	0.9	73.77	0.32	26.23						
A-18-148	447.75	449.88	2.13	2.09	98.12	1.02	47.89	1				1	
A-18-148	449.88	452.93	3.05	2.89	94.75	2.18	71.48	11	7	1	1		2
A-18-148	452.93	455.98	3.05	3.13	102.62	2.67	87.54	1					1
A-18-148	455.98	459.03	3.05	3.05	100.00	2.82	92.46						

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-148	459.03	462.08	3.05	2.91	95.41	2.41	79.02						
A-18-148	462.08	464.52	2.44	2.11	86.48	1.7	69.67						
A-18-148	464.52	467.57	3.05	2.84	93.11	2.33	76.39						
A-18-148	467.57	470.31	2.74	2.49	90.88	0.74	27.01						
A-18-148	470.31	471.23	0.92	0.56	60.87	0.12	13.04	1					1
A-18-148	471.23	473.97	2.74	2.77	101.09	1.25	45.62						
A-18-148	473.97	477.02	3.05	2.79	91.48	1.99	65.25	3			1	2	
A-18-148	477.02	480.07	3.05	2.95	96.72	2.38	78.03						
A-18-148	480.07	482.81	2.74	2.59	94.53	1.83	66.79						
A-18-148	482.81	485.86	3.05	2.7	88.52	2.12	69.51						
A-18-148	485.86	488.30	2.44	2.39	97.95	1.67	68.44						
A-18-148	488.3	490.73	2.43	2	82.30	1.28	52.67	14	7	3	3	1	
A-18-148	490.73	492.87	2.14	2.23	104.21	1.51	70.56	3	2		1		
A-18-148	492.87	494.39	1.52	1.27	83.55	0.46	30.26						
A-18-148	494.39	495.61	1.22	0.97	79.51	0.11	9.02						
A-18-148	495.61	498.05	2.44	2.43	99.59	1.48	60.66	1			1		
A-18-148	498.05	500.18	2.13	2.07	97.18	1.17	54.93	1					1
A-18-148	500.79	502.93	2.14	1.85	86.45	1.39	64.95	3		2	1		
A-18-148	502.93	504.45	1.52	1.32	86.84	0.38	25.00						
A-18-148	504.45	506.28	1.83	1.76	96.17	0.83	45.36						
A-18-148	506.28	508.11	1.83	1.88	102.73	1.41	77.05	4	3	1			
A-18-148	508.11	510.24	2.13	1.95	91.55	1.27	59.62	1	1				
A-18-148	510.24	512.38	2.14	1.74	81.31	1.32	61.68						
A-18-148	512.38	514.20	1.82	1.95	107.14	1.38	75.82	5	5				
A-18-148	514.2	515.42	1.22	1.05	86.07	0.6	49.18						
A-18-148	515.42	518.16	2.74	2.61	95.26	2.08	75.91	10	3	6	1		
A-18-148	518.16	519.99	1.83	1.76	96.17	1.2	65.57	1	1				
A-18-148	519.99	522.73	2.74	2.47	90.15	1.99	72.63						
A-18-148	522.73	523.65	0.92	0.95	103.26	0.51	55.43	2		1			1
A-18-148	523.65	525.48	1.83	1.52	83.06	0.4	21.86						
A-18-148	525.48	527.61	2.13	2.15	100.94	1.28	60.09	3	1	1	1		
A-18-148	527.61	530.66	3.05	2.92	95.74	2.07	67.87	5		2	3		
A-18-148	530.66	533.70	3.04	2.98	98.03	0.79	25.99	2		1	1		
A-18-148	533.7	535.53	1.83	1.92	104.92	0.83	45.36						
A-18-148	535.53	537.67	2.14	2.02	94.39	0.56	26.17	6		1	4	1	
A-18-148	537.67	539.19	1.52	1.16	76.32	0.1	6.58	5		1	2	1	1
A-18-148	539.19	540.72	1.53	1.45	94.77	0.33	21.57						
A-18-148	540.72	541.63	0.91	0.77	84.62	0.41	45.05						
A-18-148	541.63	543.46	1.83	1.58	86.34	0.79	43.17						
A-18-148	543.46	545.29	1.83	1.46	79.78	0.55	30.05	1			1		
A-18-148	545.29	546.81	1.52	1.13	74.34	0.53	34.87	3	3				
A-18-148	546.81	547.73	0.92	0.83	90.22	0.2	21.74	1		1			
A-18-148	547.73	550.47	2.74	2.53	92.34	0.97	35.40	9	9				
A-18-148	550.47	552.60	2.13	1.88	88.26	0.58	27.23						
A-18-148	552.6	554.74	2.14	2.12	99.07	1.25	58.41						
A-18-148	554.74	556.26	1.52	0.88	57.89	0.2	13.16						
A-18-148	556.26	557.17	0.91	0.79	86.81	0.49	53.85						
A-18-148	557.17	559.00	1.83	1.87	102.19	0.82	44.81	3				2	1
A-18-148	559	560.83	1.83	1.51	82.51	0.76	41.53	1					1
A-18-148	560.83	562.36	1.53	1.45	94.77	0.78	50.98						
A-18-148	562.36	563.88	1.52	1.31	86.18	0.58	38.16						
A-18-148	563.88	564.79	0.91	0.99	108.79	0	0.00						

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-148	564.79	566.32	1.53	1.37	89.54	0.98	64.05						
A-18-148	566.32	568.15	1.83	1.81	98.91	0.93	50.82						
A-18-148	568.15	569.37	1.22	1.14	93.44	0.5	40.98	1					1
A-18-148	569.37	571.50	2.13	2.01	94.37	0.14	6.57	2				1	1
A-18-148	571.5	573.63	2.13	2.11	99.06	0.91	42.72	1					1
A-18-148	573.63	575.46	1.83	1.97	107.65	0.68	37.16						
A-18-148	575.46	577.29	1.83	1.86	101.64	0.76	41.53						
A-18-148	577.29	579.42	2.13	1.84	86.38	0.99	46.48						
A-18-148	579.42	580.95	1.53	1.47	96.08	0.47	30.72						
A-18-148	580.95	582.47	1.52	1.57	103.29	0	0.00						
A-18-148	582.47	583.69	1.22	1.26	103.28	0.32	26.23						
A-18-148	583.69	586.13	2.44	2.38	97.54	0.94	38.52						
A-18-148	586.13	587.96	1.83	1.88	102.73	1.31	71.58	1					1
A-18-148	587.96	589.18	1.22	1.08	88.52	0.3	24.59	1				1	
A-18-148	589.18	592.23	3.05	2.98	97.70	1.94	63.61						
A-18-148	592.23	594.97	2.74	2.63	95.99	1.82	66.42	1				1	
A-18-148	594.97	597.10	2.13	2.26	106.10	1.76	82.63	1					1
A-18-148	597.1	597.71	0.61	0.51	83.61	0	0.00						
A-18-148	597.71	600.76	3.05	3.01	98.69	1.78	58.36						
A-18-148	600.76	602.28	1.52	1.56	102.63	0.96	63.16	2				1	1
A-18-148	602.28	604.42	2.14	1.97	92.06	1.32	61.68						
A-18-148	604.42	606.55	2.13	2.23	104.69	1.74	81.69	3				2	1
A-18-148	606.55	607.77	1.22	1	81.97	0	0.00						
A-18-148	607.77	608.99	1.22	1.34	109.84	0.64	52.46						
A-18-148	608.99	611.73	2.74	2.72	99.27	1.28	46.72	1					1
A-18-148	611.73	614.78	3.05	2.96	97.05	1.97	64.59	3		2			1
A-18-148	614.78	617.83	3.05	3.02	99.02	2.56	83.93	2			2		
A-18-148	617.83	620.27	2.44	2.35	96.31	1.07	43.85						
A-18-148	620.27	621.79	1.52	1.24	81.58	0.23	15.13						
A-18-148	621.79	623.62	1.83	2.06	112.57	0.9	49.18	1			1		
A-18-148	623.62	626.67	3.05	2.96	97.05	2.87	94.10	7			6	1	
A-18-148	626.67	629.72	3.05	3.05	100.00	2.34	76.72						
A-18-148	629.72	632.76	3.04	3	98.68	2.39	78.62						
A-18-148	632.76	635.81	3.05	3	98.36	2.62	85.90						
A-18-148	635.81	638.86	3.05	3	98.36	1.89	61.97						
A-18-148	638.86	641.91	3.05	2.94	96.39	2.77	90.82						
A-18-148	641.91	644.96	3.05	3.08	100.98	2.83	92.79						
A-18-148	644.96	648.00	3.04	3.05	100.33	2.85	93.75						
A-18-148	648	651.05	3.05	3.05	100.00	2.84	93.11						
A-18-148	651.05	654.10	3.05	3.09	101.31	2.89	94.75						
A-18-148	654.1	657.15	3.05	3.08	100.98	3.08	100.98						
A-18-148	657.15	660.20	3.05	3.03	99.34	2.49	81.64						
A-18-148	660.2	663.24	3.04	3.03	99.67	2.79	91.78						
A-18-148	663.24	666.29	3.05	3.03	99.34	2.77	90.82						
A-18-148	666.29	669.65	3.36	3.03	90.18	2.87	85.42						
A-18-148	669.65	672.69	3.04	2.99	98.36	2.87	94.41						
A-18-148	672.69	675.74	3.05	3.07	100.66	2.96	97.05						
A-18-148	675.74	678.79	3.05	3.05	100.00	2.68	87.87						
A-18-148	678.79	681.84	3.05	3.02	99.02	2.96	97.05						
A-18-148	681.84	684.89	3.05	3.05	100.00	2.93	96.07						
A-18-148	684.89	687.93	3.04	3.02	99.34	2.79	91.78						
A-18-148	687.93	690.98	3.05	3.03	99.34	2.92	95.74						

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+
A-18-148	690.98	694.03	3.05	3	98.36	3	98.36						
A-18-148	694.03	697.08	3.05	3.05	100.00	2.63	86.23						
A-18-148	697.08	700.13	3.05	3.02	99.02	3.02	99.02						
A-18-148	700.13	703.17	3.04	2.97	97.70	2.76	90.79						
A-18-148	703.17	706.22	3.05	3	98.36	2.68	87.87						
A-18-148	706.22	709.27	3.05	2.99	98.03	2.97	97.38						
A-18-148	709.27	712.32	3.05	3.02	99.02	2.94	96.39						
A-18-148	712.32	715.37	3.05	2.96	97.05	2.93	96.07						
A-18-148	715.37	718.41	3.04	2.93	96.38	2.69	88.49						
A-18-148	718.41	721.46	3.05	3	98.36	2.69	88.20						

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION	
CS		CASING	
911		Missing core	
;	**WARNEFORD FORMATION**	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.	
3SH	**AKIE FORMATION**	Shale	
3RB	**AKIE FORMATION**	Ribbon Bedded Cherts?	Poorly Defined
3BX	**AKIE FORMATION**	Breccia	Poorly Defined
3SS	**AKIE FORMATION**	Sandstone	Poorly Defined
3DSH	**AKIE FORMATION**	Medium/dark grey to black, moderately soft mudstone with wispy, discontinuous, well laminated, fine pyrite	
3BDSH	**AKIE FORMATION**	Black to dark grey, bedded shale with beds convoluted and pinching and swelling at variable orientations TCA.	
3SH	**AKIE FORMATION**	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.	
4SH	**GUNSTEEL FORMATION**	Black, graphitic shales with disseminated vfg pyrite	
4SS	**GUNSTEEL FORMATION**	Dark grey to black fg siltstones	
4FSH	**GUNSTEEL FORMATION**	Fragmental shale with variably sized fragments and clasts composed of shale, siltstone, etc.	
4PYSH	**GUNSTEEL FORMATION**	Laminated pyrite with nodular Barite beds interbedded with black shales	
4BSH	**GUNSTEEL FORMATION**	Nodular barite beds interbedded with black shales and weak-very weak laminated pyrite.	
4MBSH	**GUNSTEEL FORMATION**	Laminated to Massive bedded barite with minor nodular barite	
4CSH	**GUNSTEEL FORMATION**	Laminated chert beds interbedded with black shales	
4MPSH	**GUNSTEEL FORMATION**	Bedded Pyrite with minor Sp and Pb interbedded with black shales	
4CC	**GUNSTEEL FORMATION**	Laminated massive sulphides of steel grey to amber sphalerite, galena and pyrite interbedded with black shales	
4MS	**Gunsteel Formation**	Semi-massive to crudely layered sulphide lens	
4LPSH	**Gunsteel Formation**	Laminar bedded Pyrite, irregular concretions, and interbedded shale	
4LBSH	**Gunsteel Formation**	Nodular to Laminar bedded Barite, irregular concretions, and interbedded shale	
5SS	**Paul River Formation**	Black, carbonaceous to siliceous argillite interbedded with abundant light grey calcareous siltstones & debris flow beds.	
5SH	**Paul River Formation**	Black, carbonaceous to siliceous mudstone/shale interbedded with pyritic siltstone beds to abundant debris flow beds.	
5LS	**Paul River Formation**	Non fossiliferous limestone	
5BLS	**Paul River Formation**	Fossiliferous, bioclastic limestone	
5BXLS	**Paul River Formation**	Brecciated limestone, or a debris flow containing limestone, siltstone and or shale fragments	
6SS	**ROAD RIVER GROUP**	Siltstone	
6CSS	**ROAD RIVER GROUP**	Generally well beddded calcareous to dolomitic siltstone	
6SH	**ROAD RIVER GROUP**	Shale/mudstones	
6LS	**ROAD RIVER GROUP**	Limestone	
7SH	**ROAD RIVER GROUP**	Black Graptolitic Shale	

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
FA-UP	Fold Axis-Hinge Uphole
FA-Down	Fold Axis-Hinge Downhole
FA-Z	Fold Axis in apparent z fold
FA-S	Fold Axis in apparent s fold
FA-W	Fold Axis in apparent w fold
FA-M	Fold Axis in apparent m fold
CLV	Cleavage
T-UP	Topping direction uphole
T-DOWN	Topping direction downhole

ALTERATION

SILC	Siliceous alteration
CARB	Carbonate alteration (present in the form of calcite or abundant carbonate veining (stringers and veinlets)

GROUP & FORMATION

WRF	**WARNEFORD FORMATION**
AKF	**AKIE FORMATION**
GSF	**GUNSTEEL FORMATION**
PRF	**PAUL RIVER FORMATION**
RRG	**ROAD RIVER GROUP**

Akie Property

Drill Hole # A-18-149

Date	24-Aug-18	Logger	N. Johnson

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6361407
Easting (m)	392322
Elevation (m)	1742
Grid Section	4350S

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ
Date Started	24-Aug-18
Date Completed	02-Sep-18
Capped	Yes
Casing	Yes
Drilled Units	Imperial (converted to metric)

Collar Orientation

Proposed	
Azimuth	230
Dip	-60
Length (m)	500

Actual	
Azimuth	230
Dip	-60.3
Length (m)	

Goal: Test the RRG/Earn Contact and two Ag soil anomaly's along strike of the Sitka showing

Comments: Note the magnetic declination is 18.5 deg to the East.

Survey

Type	Reflex EZ shot	
Dist (m)	**Azi**	**Dip**
0.00	230	-60.3
11.28	228.5	-60.6
56.39	229.7	-60.4
102.11	229	-60.6
147.83	227.8	-60.4

The hole collared into strongly limonitic altered siltstones of the Road River Group persisting to the depth of 66 metres beyond which the alteration decreases and becomes patchy in character. The contact area between the Road River silstones and the Kwadacha Limestone is strongly altered at a depth of 97.98 metres. The alteration zone continues to a depth of 107.84 metres. Blue grey quartz vening is present within the alteration zone along with visible galena and weathered sphalerite. The Kwadacha limestone continues to a depth of 133.26 metres. The lower contact is faulted and shifts into soft black shales of the Akie Formation interbedded with common light grey silty/sandy beds. From 199 to EOH there are minor scattered bands of nodular barite interbedded with the shales along with a few scattered thin pyrite lenses.

	A	B	C	D	E	F	G	H	I
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**LITHOLOGY**	**DESCRIPTION**	**PRIM LITHO CODE**	**SEC LITHO CODE**	**GRP/FORM**
2	A-18-149	0.00	3.05	3.05	CS	Casing/Overburden	CS		CS
3	A-18-149	3.05	66.00	62.95	Limonitic Altered siltstones	Tan to orange brown surficial weathering of grey to black siltstones. Strong limonitic to possibly hematitic soft alteration throughout the interval which is pervasive along fractures and the primary cleavage fabric which is undulating and oriented at 45 to 50 deg to CA. Localised breccia occurs at 15.54m. A mud seam is present at 13.41m. The alteration masks the primary bedding which is difficult to observe. There are abundant clay gouge faults that tend to be focal points of the alteration. There are localised patches of relatively unaltered rock where the bedding can be ovserved. Bedding angles are oriented primarily at 55 to 70 deg to CA. The alteration appears to be masking repeating sequences of laminar bedded siltstones, dark grey to black silty mudstones and bioturbated siltstones.	7SS		RRG
4	A-18-149	66.00	88.10	22.10	Dark grey silty mudstone with localised patches of alteration	The pervasive alteration of the previous interval appear to abruptly diminish at approximately 66m depth. The relatively unaltered rock appears to be a dark grey to black silty mudstone of the Road River group comprised of primarily planar laminations oriented consistently @ 35 to CA. Below 73 metres the bedding is characterised by both planar silt laminations and small sections of bioturbated beds. Cream coloured, tan to orange limonitic alteration is still present along fracture planes as well as localised patches. Towards the lower contact the alteration appears to include patches of dark grey to black (hematitic) alteration which has overprinted the primary bedding leaving the rock generally featureless.	7SS		RRG
5	A-18-149	88.10	97.98	9.88	Strongly altered siltstones within large fault zone with some breccia.	The siltstones become increasingly altered towards a large brittle gouge and highly limonitic altered structure starting at ~94m. The bedding of the siltstone from 88.10 to 94 metre becomes increasing overprinted by dark grey to black (hematitic?) and brown to red limonitic to hematitic alteration. Below the 94 metre mark the pprimary bedding is not observable and the core consists primary of strongly altered rock, brown to orange in colour with abundant rubble, broken and blocky core and minor blue-grey quartz veins cross cut by bull white Qtz veins. A fabric within the alteration is observed at 40 to 70 deg to CA. The lower contact is completely obscured by the faulting and alteration of the rock.	7SS		RRG
6	A-18-149	97.98	133.26	35.28	Fossiliferous limestone	The upper contact with the siltstones is obsucred due to the large limonitic structure that straddles the contact. The structure continues to a depth of 107.84m. Blue-grey Qtz veins are abundant within the structure as well hosting seams of Galena (@ ~105.25m) and possibly weathered Sp. Below this the limestone is light to medium grey, generally massive with abundant bryozoans and crinoids occuring in patches throughout the unit. The limestone is xcut by scattered cm wide qtz-carb veinlets oriented @ 60 to 90 deg to CA that are xcut by low angle cm wide qtz-carb veinlets. Limonitic stainging of fractures is still present throughout the unit generally along broken stylolite planes or veins. Stylolites are common through oriented in various directions with not particular primary orientation. No mineralisation is observed within the limestone. the lower contact of the limestone is sharp marked by a fault.	5BLS		PRF
7	A-18-149	133.26	199.00	65.74	Soft black shales with common light grey beds	The upper contact of the black shales is strongly faulted with gouge and disced core. Cleavage planes shift from low angle to ~60 deg to CA as you move away from the contact between the limestone and shale. The black shale is soft with common cm thick, light grey beds, scattered light grey beds and calcareous, debris flows or turbidites of sandy material commonly displaying tops down hole. These sandy beds are commonly pyritic with bright brassy yellow pyrite. Distinct 1 to 2 cm thick scattered pyrite lenses are present as well with a few larger lenses, >10cm thick @ 141.20m & 157.50m. The bedding is consistent at ~20 to ~35 deg to CA running parallel to the cleavage.	3SH		AKF
8	A-18-149	199.00	248.72	49.72	Soft black shales with common light grey beds and scattered barite bands	This is a continuation of the above unit with a couple of changes. The presence of the pyritic turbidites/debris flows has disappeared and scattered 1 to 3 cm thick bands of globular to nodular barite has appeared. The barite is generally off white in colour and in places appears to be replaced by carbonate and bright brassy yellow pyrite. There are a few flattened medium grey calcareous concretions present as well. One concretion @ ~209.50 contains a brassy yellow pyritic core with minor carbonate and sphalerite. The barite bands appears to be associated with light grey wispy discontinuous lenses of silt beds (perhaps a distal expression of the turbidites/debris flows?). The sequence is folded with several distinct changes in bedding.	3SH		AKF
9			EOH						

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**ALT**	**INTENSITY**
2	A-18-149	0	66	66	Intense surficial weathering of the RRG Ordovician siltstones marked by pervasive tan to orange brown (fe) limonitic alteration of the siltstones	Hem/Lim	Str
3	A-18-149	72.79	73.9	1.11	Cream to tan with red hue coloured alteration. Thought to be limonite that has overprinted the primary fabris/bedding of the rock. Very soft	Lim	Str
4	A-18-149	74.68	75.29	0.61	Cream to tan with red hue coloured alteration. Thought to be limonite that has overprinted the primary fabris/bedding of the rock. Very soft	Lim	Str
5	A-18-149	76.59	77.39	0.8	Cream to tan with red hue coloured alteration. Thought to be limonite that has overprinted the primary fabris/bedding of the rock. Very soft	Lim	Str
6	A-18-149	78.30	79.00	0.7	Cream to tan with red hue coloured alteration. Thought to be limonite that has overprinted the primary fabris/bedding of the rock. Very soft	Lim	Str
7	A-18-149	80.40	80.77	0.37	Cream to tan with red hue coloured alteration. Thought to be limonite that has overprinted the primary fabris/bedding of the rock. Very soft. This unit appears to be centered around a brittle gouge fault	Lim	Str
8	A-18-149	81.25	82.36	1.11	Cream to tan with red hue coloured alteration. Thought to be limonite that has overprinted the primary fabris/bedding of the rock. Very soft. Centered on a small gouge fault where the colour changes to earthy brown	Lim	Str
9	A-18-149	85.86	86	0.14	Small zone of black Hematitic (?) sooty looking alteration with a minor fault zone	Mang	Str
10	A-18-149	87.27	87.5	0.23	Small zone of black Hematitic (?) sooty looking alteration with a minor fault zone	Mang	Str
11	A-18-149	88.1	107.84	19.74	Large zone of both hematitic(?) black to black with red hue, to earth brown to tan and orange limonitic alteration zone present within what appears to be a large fault zone. There are several intense zones of black with a sooty appearance Hematitic alteration centered on 89.50m and 91.40m,	Lim/Hem/Mang	Str
12	A-18-149	107.84	123.7	15.86	There are abundant limonitic/Fe stained fracture planes throughout the limestone, some brittle. Surrounding these fracture planes there are seams and patches of a tan to cream coloured alteration that can be pervasive along stylolitic planes that has altered the limestone and is quite soft. This alteration appears to diminish towards the lower contact	Lim	Weak

	A	B	C	D	E	F	G	H	I	J	K
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**PY %**	**SP %**	**GA %**	**BA %**	**CP %**	**PO %**
2	A-18-149	199	240	41	Scattered 1 to 3 cm bands of globular to nodular of off white barite with some replacement to carbonate and or brassy pyrite				1		

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**% OF VEINING IN INTERVAL**	**CORE ANGLE**
2	A-18-149	95	107.84	12.84	Abundant Blue-grey quartz veining is present within a large, highly altered fault structure. No sulphides are observed though the veining is pockmarked and vuggy in places suggesting the presence of possibly weather sulphides. The blue-grey veins appear to be Xcut by later bull white Quartz veings. The core is very broken up so it is difficult to assess the % and dominant angle of the veining. The veins appears to host weathered Sp and seams of Ga.		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1											AQ270	AQ270	AQ270	AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270
2											Mo	Cu	Pb	Zn	Ag	Ba	Ni	Co	Mn	Fe	As
3	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**%SULPHIDES**	**%SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM
4	A-18-149	93.28	94.00	0.72	2696995	Lim Alt Siltstone	unk	99		VAN18002475	1.6	15.8	20.1	89	<0.5	3991	32.2	6.5	208	1.21	<5
5	A-18-149	94.00	94.86	0.86	2696996	Lim Alt Siltstone w/minor vng	Tr	99		VAN18002475	2.7	27.6	24.6	206	<0.5	3781	40.7	11.7	238	1.35	<5
6	A-18-149	94.86	95.80	0.94	2696997	Lim Alt Siltstone w/blue-grey Qtz vns, poss. Sp	Tr	99		VAN18002475	9	30.3	46.9	3971	<0.5	2990	57.8	29.4	371	1.96	5
7	A-18-149	95.80	97.98	2.18	2696998	Lim Alt Siltstone, blue-grey Qtz vns, poor recovery	Tr	99		VAN18002475	5.8	54.9	276.3	34678	0.5	3143	41.7	11.3	144	1.37	<5
8	A-18-149				2696999				BL 126	VAN18002475	1.9	48.7	2.9	36	<0.5	577	5.4	8.4	380	2.49	<5
9	A-18-149	97.98	100.58	2.60	2697650	Blue grey Qtz vns in Lim alt LST, poor recovery	Tr	99		VAN18002475	5.2	13.1	6654.2	8992	0.7	2366	49.8	11.2	282	1.04	<5
10	A-18-149	100.58	101.60	1.02	2697651	Lim alt LST w/minor blue-grey Qtz vns	Tr	99		VAN18002475	4.8	6	310.5	3590	<0.5	1160	32.2	7.9	430	0.72	<5
11	A-18-149	101.60	102.00	0.40	2697652	Lim alt LST, minor breccia and Galena	1	99		VAN18002475	5.1	15.4	415.8	14483	<0.5	3934	50.4	11.7	292	1.06	<5
12	A-18-149	102.00	102.92	0.92	2697653	Lim alt LST	Tr	99		VAN18002475	4.8	16.1	311.7	15814	<0.5	647	48.9	10.8	287	1.19	<5
13	A-18-149	102.92	103.85	0.93	2697654	Lim alt LST	Tr	99		VAN18002475	0.8	1.6	35.3	1235	<0.5	297	4.6	1.1	173	0.13	<5
14	A-18-149	103.85	105.16	1.31	2697655	Lim alt LST	Tr	99		VAN18002475	3.9	7.9	225.1	6469	<0.5	979	58.8	11.3	299	1.06	<5
15	A-18-149	105.16	106.38	1.22	2697656	Lim alt LST w/Galena seam along upper contact	1	99		VAN18002475	12	13.3	9959.5	1649	0.5	18300	45.1	9.4	213	1.26	<5
16	A-18-149	106.38	107.00	0.62	2697657	Str. Lim alt LST with minor Galena	1	99		VAN18002475	14.6	14.1	1228.1	2205	<0.5	8049	82.8	13.5	231	1.98	<5
17	A-18-149	107.00	107.84	0.84	2697658	Str. Lim alt LST with minor Galena	1	99		VAN18002475	8.9	13.6	582	3388	<0.5	532	108.3	21.2	276	2.18	<5
18	A-18-149				2697659				CDN ME-1306	VAN18002475	21.5	3899.8	15815.6	30424	101	694	30.7	23.5	952	8.76	564
19	A-18-149	107.84	109.00	1.16	2697660	Limestone	0	100		VAN18002475	1.2	1.5	49.5	163	<0.5	193	9.2	1	146	0.19	<5
20	A-18-149	109.00	109.92	0.92	2697661	Limestone	0	100		VAN18002475	0.9	1.3	7.1	116	<0.5	191	3.5	0.7	143	0.12	<5
21	A-18-149	114.95	116.00	1.05	2697662	Limestone w/cream alt	Tr	99		VAN18002475	2.1	1.9	14.6	272	<0.5	553	13.1	1.2	127	0.31	<5
22	A-18-149	140.45	141.00	0.55	2697663	Soft black shale	Tr	99		VAN18002475	36.5	37.9	17.3	153	0.6	2093	58.5	7.2	16	1.19	20
23	A-18-149	141.00	141.43	0.43	2697664	Soft black shale w/18cm thick bedded py lense	40	60		VAN18002475	32.3	88.3	99.7	254	1.9	1477	138	7.3	22	9.76	140
24	A-18-149	141.43	142.16	0.73	2697665	Soft black shale	Tr	99		VAN18002475	21	34.1	27.5	79	1	2031	62.6	7	14	1.62	23
25	A-18-149	156.70	157.28	0.58	2697666	Soft black shale	Tr	99		VAN18002475	27.5	42.2	21.9	975	1.2	1282	88	8.3	44	1.8	44
26	A-18-149	157.28	157.73	0.45	2697667	Soft black shale w/16cm thick py lense	35	65		VAN18002475	19.3	198.4	165.8	473	7.1	853	125.4	10.5	73	17.83	222
27	A-18-149	157.73	158.71	0.98	2697668	Soft black shale	Tr	99		VAN18002475	21	30.4	17.9	1179	1.1	1268	66.4	8.9	55	1.78	17
28	A-18-149			0.00	2697669				Pulp Duplicate	VAN18002475	21.3	30.3	17.7	1185	1.1	1228	69	9.1	52	1.8	16
29	A-18-149	163.35	163.94	0.59	2697670	Soft black shale with pyritic debris flow w/red mineral (oxidation?)	2	98		VAN18002475	21.4	30.4	14	573	0.7	1196	61	6.8	32	1.64	17
30	A-18-149	163.94	164.50	0.56	2697671	Soft black shale with pyritic debris flow w/red mineral (oxidation?)	3	97		VAN18002475	23.6	39.4	15.2	403	0.7	1189	71.6	7.7	57	2.47	19
31	A-18-149	164.50	164.90	0.40	2697672	Soft black shale with pyritic debris flow.	5	95		VAN18002475	34.3	52.7	34.9	76	1.3	957	91.5	9.4	95	4.67	44
32	A-18-149	172.21	172.67	0.46	2697673	Soft Black Shale - Litho Geochem Sample	1	99		VAN18002475	31.3	18.6	12.8	263	<0.5	904	58.1	7.2	132	2.43	12
33	A-18-149	176.12	176.53	0.41	2697674	Soft Black Shale - Litho Geochem Sample	1	99		VAN18002475	34.9	24.6	11.6	78	<0.5	1044	67.7	6.9	34	1.24	17
34	A-18-149	178.71	179.13	0.42	2697675	Soft Black Shale - Litho Geochem Sample	1	99		VAN18002475	28.4	28.8	11.1	97	<0.5	997	70	8.3	52	1.58	16
35	A-18-149	192.71	193.25	0.54	2697676	Soft Black Shale	Tr	99		VAN18002475	35.7	34.4	17	523	2.4	1080	75	7.6	31	1.47	33
36	A-18-149	193.25	193.75	0.50	2697677	Soft black shale w/2 thin pyrite lenses	7	93		VAN18002475	26.3	86.7	44.5	880	5.6	1086	92.9	8.6	77	7.68	71
37	A-18-149	193.75	194.33	0.58	2697678	Soft black Shale	Tr	99		VAN18002475	27.7	63.4	30	890	5.1	1268	97.8	8.5	43	2.74	126
38	A-18-149				2697679				BL 126	VAN18002475	1.6	50.7	3	35	<0.5	568	5.3	8.2	390	2.51	<5
39	A-18-149	207.85	208.79	0.94	2697680	Single barite band in soft black shales	Tr	99		VAN18002475	22.3	34.4	9.3	474	5.8	870	66.7	6.9	100	2.21	16
40	A-18-149	208.79	209.79	1.00	2697681	a few barite bands with pyrite concretions	3	97		VAN18002475	19.1	57.4	7.9	632	6.3	996	63	6.5	36	1.58	11
41	A-18-149	209.79	210.18	0.39	2697682	Pyritic concretion w/very minor Sp in soft black shales	3	97		VAN18002475	21.1	66.5	31	220	11.5	796	110.8	13.1	125	4.29	79
42	A-18-149	210.18	210.84	0.66	2697683	Soft black shales	Tr	99		VAN18002475	20.9	36.8	7.8	158	6.1	939	59.6	5.6	27	1.44	12
43	A-18-149	210.84	211.68	0.84	2697684	Pyritic concretion in soft black shales	3	97		VAN18002475	17.5	65.9	23.4	113	14	905	71	7.9	57	2.83	80
44	A-18-149	220.22	220.98	0.76	2697685	a few barite bands in soft black shales	Tr	99		VAN18002475	18.4	30.2	9.4	135	6.4	779	68.3	6.8	92	2.08	13
45	A-18-149	220.98	221.76	0.78	2697686	Soft Black shales	Tr	99		VAN18002475	17.5	31.2	9	161	5.8	817	67	6.4	110	2.11	9
46	A-18-149	221.76	222.69	0.93	2697687	A couple of barite bands in soft black shales	Tr	99		VAN18002475	16.1	49.2	8.5	506	6.8	878	65.4	7.5	82	1.95	10
47	A-18-149	222.69	223.39	0.70	2697688	Soft black shales	Tr	99		VAN18002475	15.6	45.8	5.6	431	11.4	979	59	5.9	38	1.3	9
48	A-18-149				2697689				Coarse Duplicate	VAN18002475	17.6	47.3	5.9	401	12.2	977	60.2	6.1	36	1.3	<5
49	A-18-149	229.57	230.73	1.16	2697690	Barite band in soft black shale	Tr	99		VAN18002475	16.9	37.8	12.3	361	5.2	946	65.5	8.5	108	2.09	11
50	A-18-149	230.73	231.65	0.92	2697691	Soft black shales	Tr	99		VAN18002475	17	35.6	9.9	149	5.5	959	69.5	7.8	56	2.03	9
51	A-18-149	231.65	232.51	0.86	2697692	Barite band in soft black shale	Tr	99		VAN18002475	16.5	51.2	7.8	393	8.4	915	64.4	7.6	56	1.69	9
52	A-18-149	232.51	233.55	1.04	2697693	Soft black shale	Tr	99		VAN18002475	15.8	40.7	5.5	212	9.5	943	54.4	5.6	41	1.26	8

	A	B	C	D	E	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
1						AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	WGHT	SPG01	AQ250
2						U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Wgt	SG	Mo
3	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	KG	NONE	PPM
4	A-18-149	93.28	94.00	0.72	2696995	0.9	4.7	48	<0.5	1.3	<0.5	<10	4.49	0.019	24.9	5.4	1.2	678	0.002	0.29	<0.01	0.18	<0.5	0.13	4	<0.5	<0.05	<5	<2	2.02	2.71	1.39
5	A-18-149	94.00	94.86	0.86	2696996	1.2	5.7	35	3.2	1.7	<0.5	13	3.78	0.022	23.9	7.3	0.74	542	0.001	0.33	<0.01	0.2	<0.5	0.15	3.6	<0.5	<0.05	<5	<2	2.34	2.71	2.2
6	A-18-149	94.86	95.80	0.94	2696997	1.5	4.8	92	62.5	2.6	<0.5	20	4.33	0.021	12.4	6.6	1.82	593	<0.001	0.32	<0.01	0.1	<0.5	1.82	2.5	<0.5	<0.05	<5	<2	2.22	2.7	8.49
7	A-18-149	95.80	97.98	2.18	2696998	1.5	1.6	43	333.8	2.1	<0.5	11	4.2	0.014	6.2	4.6	0.04	1592	0.001	0.22	<0.01	0.08	<0.5	5.87	0.6	<0.5	<0.05	<5	<2	3.28	2.72	5.27
8	A-18-149				2696999	0.9	2.4	73	<0.5	<0.5	<0.5	90	0.81	0.059	6.7	10	0.72	117	0.123	1.56	0.17	0.19	2.4	<0.05	2.6	<0.5	<0.05	<5	<2	0.02	I.S.		1.48
9	A-18-149	97.98	100.58	2.60	2697650	2.3	<0.5	254	127.3	1.6	<0.5	<10	22.11	0.007	2.1	1.7	0.08	2109	<0.001	0.09	<0.01	0.01	<0.5	3.23	2.4	<0.5	<0.05	<5	<2	2.41	2.71	5.17
10	A-18-149	100.58	101.60	1.02	2697651	3.2	0.7	197	92.5	0.8	<0.5	<10	34.23	0.004	4.5	1.5	0.1	1193	<0.001	0.04	<0.01	<0.01	<0.5	0.95	3.7	<0.5	<0.05	<5	<2	3.22	2.66	4.23
11	A-18-149	101.60	102.00	0.40	2697652	2.2	<0.5	166	131.8	1	<0.5	<10	21.47	0.006	1.7	1.2	0.06	3716	<0.001	0.08	<0.01	<0.01	<0.5	2.03	1.5	<0.5	<0.05	<5	<2	2.37	2.72	5.29
12	A-18-149	102.00	102.92	0.92	2697653	3	<0.5	177	168.8	1.3	<0.5	13	28.93	0.008	1.8	1.5	0.09	526	<0.001	0.17	<0.01	<0.01	<0.5	2.54	1.6	<0.5	<0.05	<5	<2	2.21	2.69	5.11
13	A-18-149	102.92	103.85	0.93	2697654	1.3	<0.5	177	12.3	<0.5	<0.5	<10	35.41	0.003	0.9	0.6	0.11	232	<0.001	0.01	<0.01	<0.01	<0.5	0.45	0.6	<0.5	<0.05	<5	<2	2.86	2.69	0.96
14	A-18-149	103.85	105.16	1.31	2697655	1.7	<0.5	146	109.6	0.9	<0.5	<10	25.05	0.005	1.2	1.7	0.08	827	<0.001	0.08	<0.01	<0.01	<0.5	2.8	2.7	<0.5	<0.05	<5	<2	2	2.68	4.4
15	A-18-149	105.16	106.38	1.22	2697656	3.2	<0.5	178	38.2	1.6	<0.5	10	20.66	0.012	1.4	1.8	0.08	>5000	<0.001	0.32	<0.01	<0.01	<0.5	4.73	1.6	<0.5	<0.05	<5	<2	2.05	2.72	12.01
16	A-18-149	106.38	107.00	0.62	2697657	5.3	<0.5	163	44	3.8	<0.5	20	25.05	0.015	2.1	1.8	0.08	>5000	<0.001	0.5	<0.01	0.01	<0.5	1.88	1.6	<0.5	<0.05	<5	<2	2.04	2.7	13.75
17	A-18-149	107.00	107.84	0.84	2697658	4	<0.5	110	89.5	2.7	<0.5	22	31.1	0.01	1.5	2.5	0.09	343	<0.001	0.28	<0.01	0.01	<0.5	0.83	0.7	<0.5	<0.05	<5	<2	2.12	2.71	9.28
18	A-18-149				2697659	1	1	37	195.4	156.2	10.6	35	1.6	0.044	6.6	45.8	1.54	213	0.01	1.35	0.01	0.13	0.6	7.8	3.6	8.1	7.97	7	34	0.07	2.96	20.21
19	A-18-149	107.84	109.00	1.16	2697660	1.3	<0.5	230	9.5	<0.5	<0.5	14	37.71	<0.001	0.8	1.3	0.15	182	<0.001	0.02	<0.01	0.01	<0.5	0.16	<0.5	<0.5	<0.05	<5	<2	3.8	2.69	1.18
20	A-18-149	109.00	109.92	0.92	2697661	1.3	<0.5	210	1.7	<0.5	<0.5	12	37.92	0.001	0.5	2	0.15	141	<0.001	0.02	<0.01	0.03	<0.5	0.12	<0.5	<0.5	<0.05	<5	<2	3.19	2.68	0.8
21	A-18-149	114.95	116.00	1.05	2697662	2.3	<0.5	246	8.9	0.6	<0.5	<10	37.67	0.003	0.7	1.9	0.19	543	<0.001	0.01	<0.01	<0.01	<0.5	0.18	<0.5	<0.5	<0.05	<5	<2	3.48	2.68	2.17
22	A-18-149	140.45	141.00	0.55	2697663	4.8	4.1	11	2.5	15	<0.5	89	0.14	0.044	13	7.7	0.02	295	0.002	0.46	<0.01	0.29	<0.5	0.11	1.7	1	1.26	<5	10	1.64	2.5	33.34
23	A-18-149	141.00	141.43	0.43	2697664	8.1	3.7	14	1.5	60.5	<0.5	134	0.26	0.068	8.1	8.5	0.02	277	0.002	0.47	<0.01	0.24	<0.5	0.22	2	1.2	10.81	<5	26	1.54	2.67	34.67
24	A-18-149	141.43	142.16	0.73	2697665	2	4.5	12	1.7	17.4	<0.5	64	0.09	0.04	12.6	6.9	0.02	343	0.002	0.45	<0.01	0.29	<0.5	0.16	1.8	0.7	1.75	<5	17	2.7	2.55	20.31
25	A-18-149	156.70	157.28	0.58	2697666	3.7	5.1	9	15.9	23.6	<0.5	91	0.13	0.043	20.9	8.6	0.15	130	0.002	0.61	<0.01	0.26	<0.5	0.18	1.7	0.9	1.49	<5	24	2.42	2.56	27.01
26	A-18-149	157.28	157.73	0.45	2697667	2.9	4.3	11	6.9	94.1	<0.5	76	0.12	0.037	14	7.8	0.17	124	0.002	0.59	<0.01	0.18	<0.5	0.59	1.7	1.5	20.02	<5	69	1.9	3.01	18.2
27	A-18-149	157.73	158.71	0.98	2697668	2.7	4.9	11	19.9	15.2	<0.5	67	0.11	0.038	20.6	7.2	0.08	143	0.001	0.51	<0.01	0.22	<0.5	0.16	1.9	0.6	1.55	<5	18	2.47	2.56	19.95
28	A-18-149			0.00	2697669	2.7	4.7	11	20.6	15.7	<0.5	68	0.11	0.046	21.6	7.7	0.08	144	0.002	0.52	<0.01	0.23	<0.5	0.16	1.4	0.6	1.57	<5	20		2.56	19.49
29	A-18-149	163.35	163.94	0.59	2697670	2.4	5.2	9	8.6	12.6	<0.5	61	0.14	0.044	25.6	7.6	0.1	133	0.002	0.54	<0.01	0.25	<0.5	0.11	1.6	0.6	1.53	<5	14	1.99	2.5	19.32
30	A-18-149	163.94	164.50	0.56	2697671	2.9	5.7	9	3.3	12.1	<0.5	72	0.13	0.041	24.5	9.8	0.16	134	0.002	0.64	<0.01	0.25	<0.5	0.13	2.2	0.7	2.15	<5	18	2.21	2.51	23.24
31	A-18-149	164.50	164.90	0.40	2697672	6.1	6.2	61	0.6	24.8	<0.5	54	1.05	0.055	21.4	10.6	0.39	123	0.002	0.85	<0.01	0.22	<0.5	0.14	2.8	1.2	4.47	<5	15	1.87	2.61	33.24
32	A-18-149	172.21	172.67	0.46	2697673	4.2	5.6	80	<0.5	7.8	<0.5	70	1.35	0.039	22.3	12.1	0.55	107	0.002	0.97	<0.01	0.22	<0.5	<0.05	3	0.7	1.32	<5	<2	1.81	2.47	31.13
33	A-18-149	176.12	176.53	0.41	2697674	5.5	6.8	10	<0.5	7.7	<0.5	39	0.12	0.057	26.3	6.4	0.09	111	0.002	0.49	<0.01	0.21	<0.5	0.05	1.3	0.8	1.08	<5	2	1.61	2.47	33.58
34	A-18-149	178.71	179.13	0.42	2697675	3.8	5	14	<0.5	7.8	<0.5	40	0.21	0.043	22.9	6.2	0.17	106	0.001	0.58	<0.01	0.2	<0.5	0.06	1.6	0.8	1.23	<5	3	1.57	2.47	27.7
35	A-18-149	192.71	193.25	0.54	2697676	5.6	5	9	6.4	19.4	<0.5	112	0.12	0.039	19.4	8.2	0.14	111	0.002	0.58	<0.01	0.21	<0.5	0.18	2	1.2	1.21	<5	26	2.95	2.45	35.95
36	A-18-149	193.25	193.75	0.50	2697677	3.6	5.1	16	11.1	34.8	<0.5	83	0.27	0.045	15.2	8.2	0.15	197	0.001	0.59	<0.01	0.2	<0.5	0.29	1.7	0.9	8.38	<5	63	2.25	2.65	24.71
37	A-18-149	193.75	194.33	0.58	2697678	2.8	5.3	11	12.6	28	<0.5	73	0.13	0.048	16.1	8.3	0.16	281	0.001	0.55	<0.01	0.23	<0.5	0.21	2.8	0.7	2.74	<5	31	2.58	2.53	27.23
38	A-18-149				2697679	0.8	2.6	72	<0.5	<0.5	<0.5	93	0.84	0.054	6.8	10	0.67	123	0.124	1.46	0.15	0.2	1.9	<0.05	2.9	<0.5	<0.05	5	<2	0.02	I.S.		1.44
39	A-18-149	207.85	208.79	0.94	2697680	1.6	3.7	99	5.7	7.7	<0.5	83	1.7	0.039	9.6	20.2	0.51	103	0.001	0.91	<0.01	0.18	<0.5	0.18	2.9	<0.5	1.21	<5	13	3.89	2.44	20.66
40	A-18-149	208.79	209.79	1.00	2697681	1.8	4.1	34	7.7	7.1	<0.5	54	0.56	0.056	10.3	14.9	0.24	120	0.001	0.66	<0.01	0.21	<0.5	0.11	2.1	<0.5	1.13	<5	13	2.85	2.43	17.63
41	A-18-149	209.79	210.18	0.39	2697682	3	3.6	165	2.5	19.1	<0.5	113	2.4	0.134	8.3	23.3	0.54	127	0.002	0.97	<0.01	0.19	<0.5	0.15	4.2	<0.5	3.44	<5	37	1.66	2.5	18.64
42	A-18-149	210.18	210.84	0.66	2697683	1.6	3.7	29	2	7.1	<0.5	46	0.42	0.049	10.5	11.9	0.2	91	0.001	0.55	<0.01	0.18	<0.5	0.1	1.6	<0.5	1.08	<5	13	2.94	2.41	18.72
43	A-18-149	210.84	211.68	0.84	2697684	1.6	3.6	53	1.2	13.3	<0.5	55	0.92	0.066	8.1	16.3	0.28	123	0.001	0.68	<0.01	0.19	<0.5	0.21	1.8	<0.5	2.51	<5	32	3.35	2.43	16.92
44	A-18-149	220.22	220.98	0.76	2697685	1.5	3.8	115	1.4	6.5	<0.5	85	1.79	0.065	9.8	24.7	0.46	86	0.002	0.91	<0.01	0.18	<0.5	0.12	4	<0.5	1.14	<5	12	2.65	2.45	14.74
45	A-18-149	220.98	221.76	0.78	2697686	1.9	3.9	130	1.5	6.5	<0.5	90	2.45	0.077	10.7	27.2	0.5	98	0.002	0.97	<0.01	0.19	<0.5	0.08	4.6	<0.5	1.01	<5	12	2.95	2.45	16.32
46	A-18-149	221.76	222.69	0.93	2697687	1.7	4.1	104	6.2	6.1	<0.5	77	1.71	0.057	11	20.8	0.4	111	0.001	0.86	<0.01	0.2	<0.5	0.12	4	<0.5	1.14	<5	14	4.08	2.45	14.26
47	A-18-149	222.69	223.39	0.70	2697688	1.3	4	34	5	4.6	<0.5	49	0.58	0.045	11.6	15.3	0.27	103	0.001	0.68	<0.01	0.2	<0.5	0.14	1.7	<0.5	0.71	<5	9	2.8	2.45	14.99
48	A-18-149				2697689	1.3	4	38	5	4.9	<0.5	50	0.57	0.051	12.7	16	0.28	112	0.001	0.69	<0.01	0.2	<0.5	0.09	2.9	<0.5	0.69	<5	9		2.45	14.75
49	A-18-149	229.57	230.73	1.16	2697690	1.7	4	144	4.4	7.7	<0.5	75	2.87	0.11	11.6	19.8	0.37	121	0.002	0.86	<0.01	0.2	<0.5	0.12	3.5	<0.5	1.34	<5	14	3.47	2.4	14.42
50	A-18-149	230.73	231.65	0.92	2697691	1.7	3.8	63	1.5	7.4	<0.5	70	1.12	0.08	11.5	19.7	0.36	107	0.002	0.84	<0.01	0.21	<0.5	0.14	3.8	<0.5	1.37	<5	14	3.33	2.44	15.32
51	A-18-149	231.65	232.51	0.86	2697692	2.1	3.8	64	4.3	6.5	<0.5	67	1.22	0.088	11.3	19.9	0.33	95	0.002	0.81	<0.01	0.2	<0.5	<0.05	3.7	<0.5	1.01	<5	13	4	2.47	14.7
52	A-18-149	232.51	233.55	1.04	2697693	1.4	3.8	46	2.7	4.7	<0.5	52	0.82	0.061	12.1	15.4	0.24	91	0.001	0.64	<0.01	0.21	<0.5	0.11	2.5	<0.5	0.76	<5	9	4.24	2.4	15.01

	A	B	C	D	E	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW
1						AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
2						Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
3	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%
4	A-18-149	93.28	94.00	0.72	2696995	13.11	17.29	70.2	168	30.9	6.4	185	1.13	3.7	0.8	1.4	3.8	38.2	0.32	0.57	0.09	8	4.25	0.012	18.5	4.2	1.18	544	<0.001	<20	0.22	0.002
5	A-18-149	94.00	94.86	0.86	2696996	25.82	20.74	177.2	252	40.6	11.2	201	1.26	5	1	1.1	4.3	27.4	2.77	0.77	0.11	11	3.58	0.013	17.8	6	0.68	409.1	<0.001	<20	0.24	<0.001
6	A-18-149	94.86	95.80	0.94	2696997	30.05	41.53	3904.6	265	56.2	30.2	345	1.87	6.1	1.2	1.3	3.7	75.5	57.47	1.3	0.06	18	4.21	0.015	8.5	5.3	1.77	416.6	<0.001	<20	0.25	0.001
7	A-18-149	95.80	97.98	2.18	2696998	52.67	254.03	>10000.0	501	41.4	11.2	123	1.3	4.6	1.2	1	1.3	36.3	315.46	1.41	0.04	10	4.06	0.013	4.2	4.5	0.03	1296.2	<0.001	<20	0.19	<0.001
8	A-18-149				2696999	46.82	3.15	88.4	42	4.7	7.8	343	2.5	0.5	0.7	0.6	2	59.8	0.71	0.04	0.04	89	0.74	0.05	5.6	9.7	0.67	111.8	0.092	<20	1.34	0.139
9	A-18-149	97.98	100.58	2.60	2697650	13.53	6492.36	7983.2	703	49.7	11.9	287	0.99	2.6	2.1	<0.2	0.4	252.2	119.66	1.28	<0.02	9	21.47	0.005	2	1.8	0.08	1656.8	<0.001	<20	0.09	0.002
10	A-18-149	100.58	101.60	1.02	2697651	4.58	252.61	3126.6	93	28.5	6.4	420	0.71	1.7	2.9	<0.2	0.7	195.4	80.03	0.83	<0.02	8	32.9	0.002	4	0.8	0.09	1147.9	<0.001	<20	0.04	0.004
11	A-18-149	101.60	102.00	0.40	2697652	14.1	391.53	>10000.0	172	49.3	12.2	266	0.99	2.1	2	<0.2	0.5	166.4	130.54	0.96	<0.02	9	20.17	0.004	1.6	1.3	0.06	2584.8	<0.001	<20	0.07	<0.001
12	A-18-149	102.00	102.92	0.92	2697653	16.43	312.82	>10000.0	263	51.7	10.5	338	1.23	2.6	3.3	0.5	0.5	214.1	179.52	1.26	<0.02	14	29.2	0.006	2	1.1	0.09	561.6	<0.001	<20	0.16	0.001
13	A-18-149	102.92	103.85	0.93	2697654	1.48	35.01	1069	14	5.3	1	180	0.14	0.4	1.3	0.2	0.1	197.6	12.66	0.21	<0.02	4	34.39	0.002	1	0.6	0.12	257.4	<0.001	<20	0.01	0.003
14	A-18-149	103.85	105.16	1.31	2697655	7.46	230.44	5749.2	94	59.2	12.1	293	0.99	1.2	1.6	<0.2	0.4	148	108.89	0.79	<0.02	9	24.19	0.003	1.3	1	0.07	774.7	<0.001	<20	0.07	<0.001
15	A-18-149	105.16	106.38	1.22	2697656	11.83	9768.6	1433	481	43.7	9.1	210	1.17	2.2	2.8	<0.2	0.2	165.1	35.76	1.35	<0.02	11	19.24	0.011	1.3	1.1	0.06	2738.4	<0.001	<20	0.28	<0.001
16	A-18-149	106.38	107.00	0.62	2697657	14	1193.79	1923.7	141	83	14.1	215	1.82	5.7	4.8	<0.2	0.4	160	44.31	2.91	<0.02	20	23.56	0.014	2	1.6	0.07	3816.9	<0.001	<20	0.45	<0.001
17	A-18-149	107.00	107.84	0.84	2697658	12.71	553.89	2885	134	95.4	21.8	258	1.98	4	3.6	<0.2	0.3	110	80.55	2.15	<0.02	21	28.94	0.008	1.5	1.5	0.09	340.3	<0.001	<20	0.25	<0.001
18	A-18-149				2697659	3928.22	>10000.00	>10000.0	>100000	30.6	22.6	878	8.58	517.9	0.9	196.5	0.6	30.6	175.04	93.34	9.36	33	1.48	0.038	3	38.7	1.51	44.8	0.007	<20	1.33	0.009
19	A-18-149	107.84	109.00	1.16	2697660	1.34	41.84	110.4	21	4.6	0.8	113	0.16	1.2	1	<0.2	<0.1	198.2	8.54	0.27	<0.02	10	32.84	<0.001	0.7	0.6	0.12	165.4	<0.001	<20	0.02	<0.001
20	A-18-149	109.00	109.92	0.92	2697661	0.73	6.74	76.9	10	3.4	0.6	100	0.1	0.7	1.2	<0.2	<0.1	184.5	1.24	0.18	<0.02	7	33.11	<0.001	<0.5	0.6	0.12	138.3	<0.001	<20	0.02	<0.001
21	A-18-149	114.95	116.00	1.05	2697662	1.99	14.07	262.4	27	13.4	1.5	127	0.33	1.6	2.1	<0.2	<0.1	261.5	8.86	0.62	<0.02	8	36.25	0.002	0.6	0.8	0.17	589.7	<0.001	20	0.02	0.005
22	A-18-149	140.45	141.00	0.55	2697663	38.1	17.76	147.6	616	59	7.5	14	1.19	18.3	4.3	0.3	3.9	9.9	2.55	5.81	0.18	78	0.15	0.042	8	5.3	0.02	181.2	<0.001	<20	0.38	0.004
23	A-18-149	141.00	141.43	0.43	2697664	84.09	96.26	236.4	1901	142.4	7.3	20	10.19	143.9	7.7	<0.2	2.9	10.8	1.43	28.32	0.12	129	0.26	0.067	5	7.5	0.02	10.9	0.001	<20	0.4	0.003
24	A-18-149	141.43	142.16	0.73	2697665	33.92	27.18	79.1	961	64.4	6.3	12	1.56	21.1	1.8	<0.2	4	9.1	1.76	7.21	0.18	53	0.09	0.034	6.7	5.4	0.02	159.6	<0.001	<20	0.35	0.003
25	A-18-149	156.70	157.28	0.58	2697666	42.21	23.18	949.9	1239	85.3	8.9	38	1.77	39.2	3.4	0.6	4.9	7.6	16.08	10.17	0.18	80	0.12	0.04	16	6.7	0.14	112.5	<0.001	<20	0.52	0.003
26	A-18-149	157.28	157.73	0.45	2697667	180.67	142.62	404.9	6460	127.4	9.2	62	16.58	210.3	2.2	<0.2	3.5	8.3	6.02	39.93	0.12	62	0.13	0.035	9.8	6.5	0.15	13.9	<0.001	<20	0.48	0.003
27	A-18-149	157.73	158.71	0.98	2697668	29.15	17.03	1144	1077	61.6	8.1	46	1.67	14.1	2.3	0.3	4.7	9.1	19.73	8.29	0.18	54	0.11	0.038	14.6	5.9	0.07	96.6	<0.001	<20	0.39	0.003
28	A-18-149			0.00	2697669	28.75	16.75	1137.3	1065	59.1	7.9	45	1.68	13.8	2.3	<0.2	4.7	8.7	19.93	7.23	0.18	54	0.11	0.039	14.5	5.8	0.07	96.6	<0.001	<20	0.39	0.003
29	A-18-149	163.35	163.94	0.59	2697670	29.1	13.85	536.5	701	57.5	6.9	28	1.52	14.3	2.2	0.3	5.2	7.8	8.46	5.08	0.18	50	0.13	0.042	18.2	6.4	0.09	102.2	<0.001	<20	0.44	0.004
30	A-18-149	163.94	164.50	0.56	2697671	40.26	15.11	396.8	689	72	7.6	53	2.37	17.1	2.7	<0.2	5.5	8.2	3.51	5.09	0.18	65	0.13	0.044	18.3	8.2	0.14	104.5	<0.001	<20	0.55	0.004
31	A-18-149	164.50	164.90	0.40	2697672	52.31	32.07	65.9	1105	89.9	8.4	84	4.47	40.4	5.2	<0.2	5.2	52.7	0.57	10.47	0.16	51	1	0.057	16.5	8.9	0.36	71.5	0.001	<20	0.78	0.003
32	A-18-149	172.21	172.67	0.46	2697673	18.49	12.22	245.2	307	59.7	7.5	122	2.32	12.4	3.7	<0.2	4.9	70.4	0.42	3.14	0.15	66	1.29	0.039	16.3	11.6	0.52	92	<0.001	<20	0.9	0.003
33	A-18-149	176.12	176.53	0.41	2697674	23.03	11.04	75	232	64.2	6.5	30	1.18	15.6	4.8	<0.2	6.7	8.3	0.21	3.27	0.17	35	0.12	0.046	19.2	5.2	0.08	92.6	<0.001	<20	0.41	0.004
34	A-18-149	178.71	179.13	0.42	2697675	29.08	10.78	93.9	243	68.8	8.5	46	1.49	14.5	3.4	<0.2	4.8	12.9	0.09	3.25	0.17	36	0.21	0.043	17.2	6.2	0.15	87.6	<0.001	<20	0.49	0.004
35	A-18-149	192.71	193.25	0.54	2697676	35.61	16.86	505.7	2301	70.9	7.1	29	1.38	31.4	5	1	5	7.8	7.05	8.86	0.18	93	0.11	0.038	14.7	6.9	0.13	92.9	<0.001	<20	0.47	0.003
36	A-18-149	193.25	193.75	0.50	2697677	87.07	40.37	800.8	5129	91.9	8.2	67	7.5	68.3	3.1	0.6	4.1	13	10.54	16.85	0.14	69	0.25	0.047	10.7	7.1	0.13	26.1	<0.001	<20	0.48	0.003
37	A-18-149	193.75	194.33	0.58	2697678	63.29	29	876.1	4804	95	7.7	39	2.79	129.5	2.6	1.5	4.8	9.5	12.73	15.1	0.2	65	0.13	0.044	13.2	7.8	0.14	68.4	<0.001	<20	0.49	0.004
38	A-18-149				2697679	46.32	2.64	30.6	43	4.8	7.4	342	2.45	0.6	0.7	2.3	2.2	56.9	0.04	0.03	0.08	86	0.68	0.051	5.5	9.3	0.65	109.5	0.087	<20	1.29	0.129
39	A-18-149	207.85	208.79	0.94	2697680	35.09	8.8	426.7	5370	69.2	6.1	86	2.14	12.9	1.4	1.1	3	95.7	5.55	4.4	0.17	74	1.67	0.04	2.9	18.1	0.48	80.6	<0.001	<20	0.82	0.004
40	A-18-149	208.79	209.79	1.00	2697681	54.21	7.67	591.5	6151	59.2	6.3	33	1.53	10.7	1.6	0.9	3.4	29.9	8.09	4.16	0.18	46	0.54	0.054	4	12.6	0.22	103.4	<0.001	<20	0.58	0.005
41	A-18-149	209.79	210.18	0.39	2697682	59.82	26.32	189	9761	101.7	11.2	105	4.1	75.2	2.4	0.4	2.7	139	2.32	11.27	0.16	100	2.32	0.123	2.6	20.2	0.51	69.9	0.001	<20	0.88	0.005
42	A-18-149	210.18	210.84	0.66	2697683	35.97	7.27	141.7	5630	55.8	5.8	26	1.42	9.9	1.4	2	3.1	25.4	1.91	3.35	0.17	42	0.4	0.044	4.1	11	0.18	72.9	<0.001	<20	0.49	0.004
43	A-18-149	210.84	211.68	0.84	2697684	61.34	22.54	104.8	13131	68.2	7.8	49	2.87	81.2	1.5	0.8	3.2	48.5	1.2	6.99	0.17	50	0.88	0.066	2.7	15.4	0.26	87.4	<0.001	<20	0.62	0.004
44	A-18-149	220.22	220.98	0.76	2697685	26.71	8.42	111.9	5953	59.2	6.1	78	1.92	10.5	1.3	<0.2	2.8	96.8	1.3	3.93	0.13	71	1.72	0.057	2.8	20.6	0.39	64.5	<0.001	<20	0.77	0.004
45	A-18-149	220.98	221.76	0.78	2697686	27.6	8.42	139.7	5564	63.9	6.1	95	2.01	8.2	1.6	0.2	3.1	121.5	1.71	3.79	0.14	76	2.35	0.075	3.2	21.9	0.47	79.3	<0.001	<20	0.85	0.004
46	A-18-149	221.76	222.69	0.93	2697687	45.37	7.92	456.6	6384	59.4	6.8	72	1.87	11	1.5	0.3	3.2	95.6	6.17	3.42	0.15	63	1.71	0.058	3	17.8	0.36	85.1	<0.001	<20	0.72	0.004
47	A-18-149	222.69	223.39	0.70	2697688	42.42	5.62	399.7	11386	54.6	5.5	32	1.23	5.4	1.2	<0.2	3.2	32.4	5.37	2.74	0.16	43	0.55	0.043	4.4	13.4	0.25	87.7	<0.001	<20	0.59	0.004
48	A-18-149				2697689	42.28	5.47	366.8	11553	54.1	5.4	31	1.25	5	1.2	0.3	3.3	31.9	4.87	2.43	0.15	44	0.55	0.043	4.5	13.9	0.25	88.1	<0.001	<20	0.61	0.004
49	A-18-149	229.57	230.73	1.16	2697690	30.15	8.98	308.8	4519	61	6.7	91	1.91	9.5	1.5	<0.2	2.9	129.5	3.95	4.48	0.14	62	2.64	0.097	3.5	16.4	0.31	90.9	<0.001	<20	0.72	0.005
50	A-18-149	230.73	231.65	0.92	2697691	29.3	9.2	129.3	5307	61.2	7	48	1.98	8.2	1.6	<0.2	3.3	56.5	1.51	4.46	0.16	59	1.11	0.081	3.6	17.4	0.32	84.2	<0.001	<20	0.74	0.004
51	A-18-149	231.65	232.51	0.86	2697692	44.9	7.22	345.1	7799	60.1	6.7	49	1.58	8.9	1.9	<0.2	3	59	4.5	3.66	0.14	55	1.17	0.084	3.9	17.1	0.29	77.4	<0.001	<20	0.69	0.004
52	A-18-149	232.51	233.55	1.04	2697693	39.71	5.65	209.4	9329	50.5	5.5	37	1.23	6	1.5	0.7	3.4	44.2	2.67	2.67	0.17	46	0.82	0.057	4.6	14.1	0.23	77	<0.001	<20	0.56	0.004

	A	B	C	D	E	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX
1						AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	GC816	AQ371
2						K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn	Pb
3	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB	%	%
4	A-18-149	93.28	94.00	0.72	2696995	0.14	<0.1	3	0.07	<0.02	64	0.3	<0.02	0.5	0.34	<0.1	0.1	<0.02	3.4	0.2	<0.05	4.3	6.66	35.3	<0.02	1	0.2	1.4	<10	<2		
5	A-18-149	94.00	94.86	0.86	2696996	0.15	<0.1	3.4	0.06	<0.02	112	0.2	<0.02	0.7	0.37	<0.1	0.17	<0.02	3.7	0.9	<0.05	6.5	6.26	32.6	<0.02	2	0.4	1.7	<10	<2		
6	A-18-149	94.86	95.80	0.94	2696997	0.08	<0.1	2.5	0.12	0.02	1665	0.5	<0.02	0.8	0.31	<0.1	0.18	<0.02	1.9	0.7	<0.05	7.4	6.04	16.1	<0.02	2	0.3	2.5	<10	<2		
7	A-18-149	95.80	97.98	2.18	2696998	0.07	0.1	0.7	0.06	0.07	5139	1.9	<0.02	1.8	0.16	0.1	0.11	<0.02	1.6	0.7	<0.05	3.6	8.43	6.8	0.04	2	0.1	1.5	<10	<2	3.68	
8	A-18-149				2696999	0.19	2	1.8	0.03	<0.02	34	<0.1	<0.02	4.1	0.26	<0.1	0.06	0.09	5.8	0.2	<0.05	1.1	3.42	12.4	<0.02	<1	0.1	5	<10	<2		
9	A-18-149	97.98	100.58	2.60	2697650	<0.01	<0.1	1.7	0.02	0.12	3191	0.6	<0.02	0.4	0.04	0.4	<0.02	<0.02	0.3	0.1	<0.05	1.6	15.09	5.6	<0.02	1	<0.1	0.5	<10	<2		
10	A-18-149	100.58	101.60	1.02	2697651	0.02	0.1	5.9	<0.02	<0.02	848	0.1	<0.02	0.2	<0.02	0.4	<0.02	<0.02	<0.1	<0.1	<0.05	1.3	18.09	11.7	<0.02	1	<0.1	0.4	<10	<2		
11	A-18-149	101.60	102.00	0.40	2697652	<0.01	<0.1	1.5	<0.02	0.07	1923	0.8	<0.02	0.4	0.02	1	<0.02	<0.02	0.2	0.1	<0.05	1.7	14.64	4.6	<0.02	1	<0.1	0.3	<10	<2	1.7	
12	A-18-149	102.00	102.92	0.92	2697653	0.02	<0.1	3.8	0.03	<0.02	2617	0.9	<0.02	2.4	0.03	1.1	0.02	<0.02	0.2	0.2	<0.05	2	19.31	5.7	0.03	3	0.4	0.3	<10	<2	1.8	
13	A-18-149	102.92	103.85	0.93	2697654	0.02	<0.1	2.7	<0.02	<0.02	410	0.2	<0.02	<0.1	<0.02	0.1	<0.02	<0.02	0.1	<0.1	<0.05	0.8	5.13	2.5	<0.02	<1	<0.1	0.3	17	2		
14	A-18-149	103.85	105.16	1.31	2697655	<0.01	<0.1	2.6	<0.02	0.05	2900	0.5	<0.02	0.4	0.02	0.3	<0.02	<0.02	0.1	0.1	<0.05	1.1	13.7	3.8	0.03	<1	0.2	0.3	<10	3		
15	A-18-149	105.16	106.38	1.22	2697656	<0.01	<0.1	1.2	0.02	0.16	4651	0.5	<0.02	0.1	0.03	0.5	<0.02	<0.02	0.1	<0.1	<0.05	1.3	17.11	4	<0.02	<1	0.2	0.4	<10	<2		
16	A-18-149	106.38	107.00	0.62	2697657	<0.01	<0.1	1.6	0.02	0.1	1884	0.3	<0.02	0.3	0.07	0.3	0.03	<0.02	0.4	0.1	<0.05	2.4	28.74	5.5	<0.02	2	0.2	0.7	<10	<2		
17	A-18-149	107.00	107.84	0.84	2697658	<0.01	<0.1	0.9	<0.02	<0.02	823	0.4	<0.02	0.8	0.05	0.3	0.03	<0.02	0.3	0.3	<0.05	2.5	28.6	3.5	<0.02	1	<0.1	0.6	<10	<2		
18	A-18-149				2697659	0.11	0.6	2.9	6.99	7.24	6838	35.3	0.27	6.3	0.4	0.3	0.1	0.03	3.4	13.7	<0.05	2.8	4.25	6	1.97	17	0.1	15.8	<10	<2	3.26	1.5
19	A-18-149	107.84	109.00	1.16	2697660	<0.01	<0.1	0.3	<0.02	<0.02	168	0.1	<0.02	<0.1	0.03	<0.1	<0.02	<0.02	0.2	<0.1	<0.05	0.7	3.65	1.2	<0.02	1	<0.1	0.4	<10	2		
20	A-18-149	109.00	109.92	0.92	2697661	<0.01	<0.1	0.2	<0.02	<0.02	126	<0.1	<0.02	<0.1	0.04	<0.1	<0.02	<0.02	0.3	<0.1	<0.05	0.9	2.9	0.8	<0.02	<1	<0.1	0.5	<10	<2		
21	A-18-149	114.95	116.00	1.05	2697662	0.03	<0.1	2.3	<0.02	<0.02	177	<0.1	<0.02	0.1	0.03	<0.1	<0.02	<0.02	0.2	<0.1	<0.05	0.5	2.03	0.9	<0.02	2	<0.1	0.6	<10	<2		
22	A-18-149	140.45	141.00	0.55	2697663	0.22	<0.1	1.5	0.6	1.26	91	9.7	0.08	1	2.44	<0.1	0.14	<0.02	12	0.3	<0.05	7	5.96	14.6	<0.02	32	0.6	1.4	12	3		
23	A-18-149	141.00	141.43	0.43	2697664	0.18	<0.1	1.6	0.69	>10.00	190	27.1	0.08	1.1	1.81	0.2	0.27	<0.02	10.5	0.2	<0.05	10.8	14.97	11.3	<0.02	29	0.4	2.9	<10	<2		
24	A-18-149	141.43	142.16	0.73	2697665	0.21	<0.1	1.5	0.42	1.66	120	17.9	0.08	0.9	2.15	<0.1	0.16	<0.02	11.8	0.2	<0.05	7.1	4.94	11.9	<0.02	22	0.8	1.5	<10	2		
25	A-18-149	156.70	157.28	0.58	2697666	0.19	<0.1	1.6	0.56	1.44	174	25	0.1	1.3	2.13	<0.1	0.18	<0.02	11.2	0.3	<0.05	8.7	8.09	28.6	0.03	28	1	15.3	<10	<2		
26	A-18-149	157.28	157.73	0.45	2697667	0.13	<0.1	1.3	0.79	>10.00	463	67.3	0.07	1.2	1.25	0.2	0.23	0.03	7.4	0.3	<0.05	9.3	7.4	17.6	<0.02	17	0.5	18.2	<10	<2		
27	A-18-149	157.73	158.71	0.98	2697668	0.18	<0.1	1.3	0.41	1.43	168	18	0.08	1	1.94	<0.1	0.12	<0.02	10.5	0.3	<0.05	6.6	9.55	25.9	<0.02	26	0.6	8	<10	2		
28	A-18-149			0.00	2697669	0.18	<0.1	1.4	0.35	1.46	148	18.1	0.08	1	1.91	<0.1	0.13	<0.02	10.4	0.3	<0.05	6.8	9.5	25.5	0.03	22	0.8	7.3	<10	3		
29	A-18-149	163.35	163.94	0.59	2697670	0.19	<0.1	1.4	0.34	1.44	127	16.1	0.11	1.1	2.41	<0.1	0.16	<0.02	11.7	0.2	<0.05	7.5	7.96	30.8	0.03	22	0.8	9.3	<10	<2		
30	A-18-149	163.94	164.50	0.56	2697671	0.21	<0.1	1.8	0.39	2.05	112	19.1	0.12	1.4	2.38	<0.1	0.18	<0.02	12.8	0.2	<0.05	8.6	8.88	31.3	<0.02	28	0.9	14.8	<10	<2		
31	A-18-149	164.50	164.90	0.40	2697672	0.17	<0.1	2.4	0.76	4.3	167	14.9	0.07	2	1.86	<0.1	0.25	<0.02	10.2	0.3	<0.05	12	12.12	29.1	<0.02	32	0.7	33.8	<10	<2		
32	A-18-149	172.21	172.67	0.46	2697673	0.17	<0.1	2.4	0.42	1.29	97	2.2	0.06	2.2	1.69	<0.1	0.16	<0.02	9.4	0.2	<0.05	9	9.94	30.1	<0.02	14	0.6	43.2	<10	<2		
33	A-18-149	176.12	176.53	0.41	2697674	0.17	<0.1	1.4	0.45	1.04	87	3.1	0.08	1	1.95	<0.1	0.18	<0.02	10.4	0.2	<0.05	9.4	7.81	34.9	<0.02	19	0.7	8.7	<10	<2		
34	A-18-149	178.71	179.13	0.42	2697675	0.17	<0.1	1.4	0.45	1.19	87	3	0.07	1.2	1.79	<0.1	0.21	<0.02	10	0.3	<0.05	9.9	7.56	31.4	<0.02	13	0.5	14.8	<10	<2		
35	A-18-149	192.71	193.25	0.54	2697676	0.16	<0.1	1.7	0.73	1.16	170	26.4	0.12	1.2	2.42	<0.1	0.19	<0.02	10.8	0.3	<0.05	9.5	8.77	24	0.02	23	0.9	13.8	<10	4		
36	A-18-149	193.25	193.75	0.50	2697677	0.16	<0.1	1.8	0.53	7.64	235	58.2	0.09	1.1	2.1	0.3	0.26	<0.02	10	0.2	<0.05	11.9	10.3	16	<0.02	19	0.7	14.8	<10	2		
37	A-18-149	193.75	194.33	0.58	2697678	0.17	<0.1	1.6	0.48	2.69	217	34.9	0.13	1.2	2.56	0.1	0.19	<0.02	11.2	0.3	<0.05	9.5	8.86	19.8	0.04	26	0.9	15.8	<10	4		
38	A-18-149				2697679	0.18	1.9	1.7	0.04	<0.02	<5	<0.1	<0.02	4.1	0.26	<0.1	0.04	0.09	5.9	0.2	<0.05	1.1	3.31	12.1	<0.02	<1	<0.1	4.8	<10	<2		
39	A-18-149	207.85	208.79	0.94	2697680	0.14	<0.1	1.8	0.24	1.19	129	13.9	0.11	1.9	1.87	<0.1	0.14	<0.02	8.9	0.2	<0.05	6.6	7.45	4.2	0.03	28	0.7	40.6	<10	3		
40	A-18-149	208.79	209.79	1.00	2697681	0.15	<0.1	1.6	0.24	1.08	139	13.4	0.13	1.3	2.06	<0.1	0.13	<0.02	9.4	0.2	<0.05	7.3	6.91	5.9	0.03	26	0.8	23.4	<10	3		
41	A-18-149	209.79	210.18	0.39	2697682	0.14	<0.1	2.8	0.32	3.25	192	34.6	0.11	2.1	1.8	<0.1	0.15	<0.02	9.4	0.2	<0.05	7.8	16.51	4	<0.02	25	0.6	40.5	<10	4		
42	A-18-149	210.18	210.84	0.66	2697683	0.14	<0.1	1.2	0.21	1.06	112	13.4	0.15	1.2	1.99	<0.1	0.12	<0.02	9	0.2	<0.05	6.2	6.16	5.7	<0.02	31	0.7	17.9	<10	<2		
43	A-18-149	210.84	211.68	0.84	2697684	0.15	<0.1	1.7	0.27	2.45	154	32.3	0.15	1.6	2.38	<0.1	0.15	<0.02	10.3	0.2	<0.05	7.2	9.23	3.9	<0.02	31	0.7	26.5	<10	3		
44	A-18-149	220.22	220.98	0.76	2697685	0.13	<0.1	1.7	0.22	1.04	105	11.9	0.12	1.9	1.75	<0.1	0.12	<0.02	8.1	0.1	<0.05	5.2	7.48	3.9	<0.02	23	0.7	38.3	<10	3		
45	A-18-149	220.98	221.76	0.78	2697686	0.15	<0.1	2.1	0.26	0.96	110	11.2	0.12	2	1.95	<0.1	0.1	<0.02	9.3	0.2	<0.05	5.4	9.83	4.4	<0.02	28	0.8	40.6	<10	2		
46	A-18-149	221.76	222.69	0.93	2697687	0.14	<0.1	2.1	0.23	1.1	122	14.6	0.11	1.7	1.83	<0.1	0.1	<0.02	8.9	0.2	<0.05	5.4	7.81	4.3	0.04	31	0.6	32.2	<10	4		
47	A-18-149	222.69	223.39	0.70	2697688	0.15	<0.1	1.3	0.23	0.67	100	10.8	0.12	1.4	1.76	<0.1	0.12	<0.02	9.5	0.2	<0.05	5.4	6.05	6.2	0.03	27	0.8	25	<10	3		
48	A-18-149				2697689	0.15	<0.1	1.2	0.2	0.68	102	10	0.12	1.4	1.67	<0.1	0.1	<0.02	9.2	0.2	<0.05	5.3	6.17	6.3	0.03	28	0.7	24.2	<10	3		
49	A-18-149	229.57	230.73	1.16	2697690	0.15	<0.1	2.2	0.26	1.26	119	13.5	0.12	1.6	1.67	<0.1	0.12	<0.02	9.1	0.2	<0.05	5.5	11.8	4.9	<0.02	26	0.4	30.6	<10	3		
50	A-18-149	230.73	231.65	0.92	2697691	0.16	<0.1	1.6	0.27	1.32	132	13.6	0.13	1.7	1.86	<0.1	0.13	<0.02	9.6	0.2	<0.05	5.7	9.82	5.3	<0.02	28	0.7	31.6	<10	4		
51	A-18-149	231.65	232.51	0.86	2697692	0.15	<0.1	2.1	0.27	0.94	86	13.3	0.12	1.6	1.86	<0.1	0.11	<0.02	9.6	0.2	<0.05	5.6	10.05	5.7	0.02	28	0.7	30.7	<10	2		
52	A-18-149	232.51	233.55	1.04	2697693	0.16	<0.1	1.8	0.22	0.74	94	9.9	0.14	1.4	1.97	<0.1	0.11	<0.02	10	0.1	<0.05	5.7	7.61	7	<0.02	31	0.7	22.3	<10	3		

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
2	A-18-149	6.25	6.26	0.01	Silty bed (So)	BDG	50
3	A-18-149	6.82	6.83	0.01	Cleavage (S1)	CLV	45
4	A-18-149	8.03	8.04	0.01	Cleavage (S1)	CLV	45
5	A-18-149	8.84	8.95	0.11	Small fault with gouge and minor crushed core	FLT	50
6	A-18-149	12.18	12.19	0.01	Silty bed (So)	BDG	40
7	A-18-149	12.38	12.39	0.01	Cleavage (S1)	CLV	50
8	A-18-149	13.09	13.10	0.01	Cleavage (S1)	CLV	43
9	A-18-149	15.34	15.35	0.01	Cleavage (S1)	CLV	50
10	A-18-149	19.51	21.11	1.60	Fault with minor limonitic gouge along fracture planes and rubble	FLT	
11	A-18-149	22.90	32.10	9.20	Large fault structure with abundant limonitic red/orange gouge, rubble and blocky to disced core. Bedding and cleavage within the structure appears to be at 60 to 70 deg to CA	FLT	
12	A-18-149	32.81	38.50	5.69	Large fault structure with sections of gouge, rubble and disced core.	FLT	
13	A-18-149	39.07	39.08	0.01	Cleavage (S1)	CLV	55
14	A-18-149	39.95	39.96	0.01	Altered Bedding (So)	BDG	60
15	A-18-149	40.23	40.50	0.27	Small fault with minor gouge and disced core	FLT	100
16	A-18-149	41.20	41.50	0.30	Small fault with minor rubble and disced core	FLT	
17	A-18-149	41.78	41.79	0.01	Altered Bedding (So)	BDG	60
18	A-18-149	42.67	43.28	0.61	Small fault with minor rubble, gouge along fracture planes and disced core	FLT	
19	A-18-149	43.50	43.51	0.01	Cleavage (S1)	CLV	60
20	A-18-149	43.58	43.59	0.01	Altered Bedding (So)	BDG	60
21	A-18-149	45.05	49.90	4.85	Large fault structure with sections of gouge and rubble surrounded by disced and blocky core.	FLT	
22	A-18-149	51.28	51.70	0.42	Small fault zone with rubble and small amount of gouge along brittle fracture planes	FLT	
23	A-18-149	53.64	54.49	0.85	Small fault zone with abundant angular sections of blocky core lined with minor gouge	FLT	
24	A-18-149	56.39	66.75	10.36	A very large fault zone characterised by strong limonitic alteration, a central clay gouge zone surrounded by fault affected disced core, blockly core and rubble. Iron staining is common along fracture planes. Internal fabric to the fault is oriented at 70 deg to CA	FLT	
25	A-18-149	66.90	66.91	0.01	Silty bed (So)	BDG	55
26	A-18-149	67.70	67.71	0.01	Silty bed (So)	BDG	35
27	A-18-149	68.23	68.24	0.01	Silty bed (So)	BDG	35
28	A-18-149	68.92	68.93	0.01	Cleavage (S1)	CLV	35
29	A-18-149	69.75	69.75	0.00	Silty bed (So)	BDG	35
30	A-18-149	70.33	70.34	0.01	Silty bed (So)	BDG	35

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
31	A-18-149	70.42	70.43	0.01	Cleavage (S1)	CLV	35
32	A-18-149	71.26	71.27	0.01	Cleavage (S1)	CLV	35
33	A-18-149	72.10	72.11	0.01	Cleavage (S1)	CLV	40
34	A-18-149	74.45	74.46	0.01	Silty bed (So)	BDG	35
35	A-18-149	75.46	75.47	0.01	Cleavage (S1)	CLV	40
36	A-18-149	75.78	75.79	0.01	Silty bed (So)	BDG	45
37	A-18-149	77.39	77.40	0.01	Silty bed (So)	BDG	40
38	A-18-149	79.30	79.31	0.01	Cleavage (S1)	CLV	45
39	A-18-149	80.10	80.11	0.01	Silty bed (So)	BDG	45
40	A-18-149	80.40	80.77	0.37	Small fault zone with limonitic altered gouge and minor rubble. Fault plane may be oriented at 80 deg to CA	FLT	80
41	A-18-149	81.05	81.06	0.01	Cleavage (S1)	CLV	45
42	A-18-149	82.19	82.36	0.17	Small fault zone with brown coloured limonitic gouge. Fault plane appears to be oriented at 85 deg to CA	FLT	85
43	A-18-149	83.00	83.01	0.01	Silty bed (So)	BDG	45
44	A-18-149	84.81	84.86	0.05	Small fault zone with minor gouge along brittle fractures.	FLT	50
45	A-18-149	85.38	85.39	0.01	Silty bed (So)	BDG	40
46	A-18-149	85.86	86.00	0.14	Small fault zone within a black Hem altered zone, minor gouge and broken rock	FLT	
47	A-18-149	86.81	86.82	0.01	Silty bed (So)	BDG	50
48	A-18-149	87.27	87.37	0.1	Small fault zone within a black Hem altered zone, minor gouge and broken rock	FLT	
49	A-18-149	86.67	107.84	21.17	Large fault zone with several sections of Hem (black, black red) or Lim (tan to orange) gouge surrounded by intensely altered rock, rubble, broken block core and minor veining. There appears to be a breccia centred at 102.50 metres. There is a bit of a tight foliation/fabric present within the fault that ranges from 40 to 70 deg to CA	FLT	
50	A-18-149	110.84	111.11	0.27	Small fault zone with limonitic stained rubble	FLT	20
51	A-18-149	112.18	112.47	0.29	Small fault zone with limonitic stained fractures and rubble	FLT	
52	A-18-149	133.26	139.52	6.26	Large fault zone that marks the contact between the limestone and earn group shales. Contact is marked by limonitici fe stained disced core and rubble, minor gouge. The cleavage angles transition from low angle of about 20 deg to CA to 40/50 deg to CA away from the contact.	FLT	
53	A-18-149	139.53	139.54	0.01	Cleavage (S1)	CLV	20
54	A-18-149	139.87	139.88	0.01	Silty bed (So)	BDG	20
55	A-18-149	140.29	140.30	0.01	Cleavage (S1)	CLV	15

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
56	A-18-149	142.05	142.06	0.01	Grey Bed (So)	BDG	10
57	A-18-149	143.05	143.06	0.01	Grey Bed (So)	BDG	175
58	A-18-149	143.89	144.48	0.59	Small fault with minor gouge along fracture and cleavage planes	FLT	
59	A-18-149	145.17	145.18	0.01	Grey Bed (So)	BDG	5
60	A-18-149	145.33	152.30	6.97	Large fault zone with sections of gouge and rubble surrounded by disced and block and broken core. Cleavage planes are typically @ 40 to 50 deg to CA	FLT	
61	A-18-149	153.38	153.39	0.01	Grey Bed (So)	BDG	12
62	A-18-149	153.57	153.58	0.01	Grey Bed (So)	BDG	170
63	A-18-149	153.68	153.69	0.01	Grey Bed (So)	BDG	20
64	A-18-149	153.92	156.57	2.65	Small fault zone with minor gouge and disced core	FLT	
65	A-18-149	157.89	158.43	0.54	Small fault with gouge, rubble and disced core	FLT	
66	A-18-149	161.22	161.23	0.01	Grey Bed (So)	BDG	28
67	A-18-149	161.54	161.55	0.01	Grey Bed (So)	BDG	30
68	A-18-149	162.15	162.16	0.01	Silty Bed	T-Down	
69	A-18-149	162.67	162.68	0.01	Silty Bed	T-Down	
70	A-18-149	162.85	162.86	0.01	Grey Bed (So)	BDG	30
71	A-18-149	164.22	164.23	0.01	Cleavage (S1)	CLV	30
72	A-18-149	164.50	164.51	0.01	Debris flow/sandy bed	T-Down	
73	A-18-149	165.00	165.01	0.01	Grey Bed (So)	BDG	30
74	A-18-149	165.24	165.25	0.01	Grey Bed (So)	CLV	20
75	A-18-149	165.27	165.28	0.01	Debris flow/sandy bed	T-Down	
76	A-18-149	165.41	165.42	0.01	Debris flow/sandy bed	T-Down	
77	A-18-149	166.37	166.38	0.01	Grey Bed (So)	BDG	25
78	A-18-149	166.52	167.27	0.75	Small fault with minor gouge and some disced core	FLT	20
79	A-18-149	169.50	169.51	0.01	Grey Bed (So)	BDG	23
80	A-18-149	169.85	170.16	0.31	Small fault with gouge and minor rubble	FLT	
81	A-18-149	170.62	170.63	0.01	Pyritic Silt Bed (So)	BDG	25
82	A-18-149	171.67	171.68	0.01	Grey Bed (So)	BDG	26
83	A-18-149	172.02	172.03	0.01	Grey Bed (So)	BDG	28
84	A-18-149	173.74	173.75	0.01	Silty Bed (So)	BDG	15
85	A-18-149	174.53	175.25	0.72	Small Fault with rubble, blocky core and minor gouge	FLT	
86	A-18-149	175.94	175.95	0.01	Grey Bed (So)	BDG	25
87	A-18-149	176.53	176.54	0.01	Cleavage (S1)	CLV	30
88	A-18-149	178.21	178.22	0.01	Grey Bed (So)	BDG	25
89	A-18-149	178.61	178.62	0.01	Grey Bed (So)	BDG	30
90	A-18-149	178.97	178.98	0.01	Fold Axis, closing up hole. Possible drag fold	FA-UP	23
91	A-18-149	179.32	179.33	0.01	Grey Bed (So)	BDG	25
92	A-18-149	180.68	180.69	0.01	Cleavage (S1)	CLV	30
93	A-18-149	181.83	181.84	0.01	Grey Bed (So)	BDG	30
94	A-18-149	182.76	182.77	0.01	Grey Bed (So)	BDG	32
95	A-18-149	184.04	184.05	0.01	Grey Bed (So)	BDG	30

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
96	A-18-149	185.30	185.31	0.01	Cleavage (S1)	CLV	35
97	A-18-149	186.62	188.67	2.05	Small fault zone with broken up core, rubble and minor gouge	FLT	
98	A-18-149	189.75	189.76	0.01	Grey Bed (So)	BDG	35
99	A-18-149	190.81	191.74	0.93	Small fault zone with minor gouge, rubble and disced core	FLT	
100	A-18-149	192.84	192.85	0.01	Grey Bed (So)	BDG	40
101	A-18-149	193.16	193.17	0.01	Cleavage (S1)	CLV	40
102	A-18-149	193.88	193.89	0.01	Grey Bed (So)	BDG	45
103	A-18-149	194.51	194.52	0.01	Grey Bed (So)	BDG	35
104	A-18-149	195.15	195.16	0.01	Cleavage (S1)	CLV	40
105	A-18-149	196.37	196.38	0.01	Grey Bed (So)	BDG	35
106	A-18-149	197.56	197.57	0.01	Grey Bed (So)	BDG	36
107	A-18-149	199.33	199.34	0.01	Grey Bed (So)	BDG	30
108	A-18-149	199.67	199.68	0.01	Cleavage (S1)	CLV	30
109	A-18-149	200.39	200.40	0.01	Cleavage (S1)	CLV	45
110	A-18-149	201.82	201.83	0.01	Silt Bed (So)	BDG	45
111	A-18-149	202.07	202.58	0.51	Small fault with minor gouge, rubble and blocky core	FLT	
112	A-18-149	203.05	203.06	0.01	Cleavage (S1)	CLV	45
113	A-18-149	203.13	203.14	0.01	Pyritic Silt Bed (So)	BDG	45
114	A-18-149	204.28	205.43	1.15	Three sections of rubble and gouge surrounded by blocky core	FLT	
115	A-18-149	205.83	205.84	0.01	Silty bed (So)	BDG	70
116	A-18-149	205.97	205.98	0.01	Cleavage (S1)	CLV	65
117	A-18-149	206.54	206.55	0.01	Silty bed (So)	BDG	70
118	A-18-149	206.89	206.90	0.01	Silty bed (So)	BDG	70
119	A-18-149	207.60	207.61	0.01	Silty bed (So)	BDG	65
120	A-18-149	208.94	208.95	0.01	Silty bed (So)	BDG	110
121	A-18-149	208.08	208.09	0.01	Silty bed (So)	BDG	20
122	A-18-149	208.15	208.16	0.01	Silty bed (So)	BDG	27
123	A-18-149	208.47	208.48	0.01	Silty bed (So)	BDG	80
124	A-18-149	208.95	208.96	0.01	Silty bed (So)	BDG	120
125	A-18-149	209.13	209.14	0.01	Silty bed (So)	BDG	145
126	A-18-149	209.57	209.58	0.01	Silty bed (So)	BDG	20
127	A-18-149	209.62	209.63	0.01	Fold Axis	FA	80
128	A-18-149	209.66	209.67	0.01	Silty bed (So)	BDG	160
129	A-18-149	209.80	209.81	0.01	Silty bed (So)	BDG	0
130	A-18-149	210.84	210.85	0.01	Silty bed (So)	BDG	48
131	A-18-149	210.88	210.89	0.01	Silty bed (So)	BDG	45
132	A-18-149	211.18	211.19	0.01	Silty bed (So)	BDG	40
133	A-18-149	211.34	211.35	0.01	Cleavage (S1)	CLV	45
134	A-18-149	211.39	211.40	0.01	Fold Axis	FA	75
135	A-18-149	211.48	211.49	0.01	Silty bed (So)	BDG	130

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
136	A-18-149	211.52	211.53	0.01	Cleavage (S1)	CLV	120
137	A-18-149	211.59	211.60	0.01	Silty bed (So)	BDG	140
138	A-18-149	211.63	211.64	0.01	Fold Axis	FA	75
139	A-18-149	211.81	211.82	0.01	Silty bed (So)	BDG	40
140	A-18-149	212.00	212.01	0.01	Silty bed (So)	BDG	35
141	A-18-149	212.31	212.60	0.29	Small fault with minor gouge along fracture planes	FLT	50
142	A-18-149	212.84	212.85	0.01	Silty bed (So)	BDG	45
143	A-18-149	213.95	213.96	0.01	Silty bed (So)	BDG	65
144	A-18-149	214.07	214.08	0.01	Fold Axis	FA	75
145	A-18-149	214.25	214.26	0.01	Silty bed (So)	BDG	40
146	A-18-149	215.10	215.11	0.01	Silty bed (So)	BDG	35
147	A-18-149	215.40	215.41	0.01	Cleavage (S1)	CLV	40
148	A-18-149	216.42	216.43	0.01	Cleavage (S1)	CLV	35
149	A-18-149	216.56	216.57	0.01	Silty bed (So)	BDG	35
150	A-18-149	217.00	217.01	0.01	Silty bed (So)	BDG	35
151	A-18-149	217.60	217.61	0.01	Silty bed (So)	BDG	40
152	A-18-149	217.76	217.77	0.01	Cleavage (S1)	CLV	40
153	A-18-149	217.94	217.95	0.01	Silty bed (So)	BDG	35
154	A-18-149	218.06	218.07	0.01	Fold Axis	FA	80
155	A-18-149	218.07	218.08	0.01	Silty bed (So)	BDG	0
156	A-18-149	218.14	218.15	0.01	Silty Bed (So)	BDG	130
157	A-18-149	218.20	218.21	0.01	Silty Bed (So)	BDG	140
158	A-18-149	218.28	218.29	0.01	Fold Axis	FA	55
159	A-18-149	218.30	218.31	0.01	Silty Bed (So)	BDG	40
160	A-18-149	218.41	218.42	0.01	Silty Bed (So)	BDG	25
161	A-18-149	218.48	218.49	0.01	Fold Axis	FA	80
162	A-18-149	218.49	218.50	0.01	Silty Bed (So)	BDG	0
163	A-18-149	218.54	218.55	0.01	Silty Bed (So)	BDG	150
164	A-18-149	219.31	219.32	0.01	Silty Bed (So)	BDG	35
165	A-18-149	220.22	220.23	0.01	Cleavage (S1)	CLV	35
166	A-18-149	220.59	220.60	0.01	Silty Bed (So)	BDG	40
167	A-18-149	221.65	221.66	0.01	Silty Bed (So)	BDG	40
168	A-18-149	221.93	221.94	0.01	Silty Bed (So)	BDG	45
169	A-18-149	222.51	222.52	0.01	Silty Bed (So)	BDG	40
170	A-18-149	223.16	223.17	0.01	Cleavage (S1)	CLV	35
171	A-18-149	223.71	223.72	0.01	Silty Bed (So)	BDG	20
172	A-18-149	224.45	224.46	0.01	Silty Bed (So)	BDG	35
173	A-18-149	225.37	225.38	0.01	Pyritic Silt Bed (So)	BDG	30
174	A-18-149	225.47	225.48	0.01	Fold Axis	FA	95
175	A-18-149	225.53	225.54	0.01	Pyritic Silt Bed (So)	BDG	170
176	A-18-149	226.24	226.25	0.01	Silty Bed (So)	BDG	155
177	A-18-149	226.73	226.74	0.01	Silty Bed (So)	BDG	160
178	A-18-149	227.32	227.33	0.01	Silty Bed (So)	BDG	75

	A	B	C	D	E	F	G
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**DESCRIPTION**	**STRUCTURE**	**CORE ANGLE**
179	A-18-149	227.53	227.54	0.01	Silty Bed (So)	BDG	75
180	A-18-149	227.88	227.89	0.01	Silty Bed (So)	BDG	90
181	A-18-149	228.48	228.49	0.01	Silty Bed (So)	BDG	75
182	A-18-149	229.57	229.58	0.01	Barite Bed (So)	BDG	60
183	A-18-149	229.76	229.77	0.01	Cleavage (S1)	CLV	50
184	A-18-149	229.95	229.96	0.01	Barite Bed (So)	BDG	35
185	A-18-149	231.71	231.72	0.01	Cleavage (S1)	CLV	25
186	A-18-149	231.93	231.94	0.01	Silty bed (So)	BDG	17
187	A-18-149	232.18	232.19	0.01	Silty bed (So)	BDG	25
188	A-18-149	233.20	233.21	0.01	Cleavage (S1)	CLV	25
189	A-18-149	233.69	233.70	0.01	Cleavage (S1)	CLV	40
190	A-18-149	233.94	248.72	14.78	Large Fault zone with sections of gouge and rubble surrounded by abundant disced core	FLT	

	A	B	C	D	E	F	G	H	I
1	**Hole ID**	**Depth (m)**	**Azimuth (Mag)**	**Azimuth (True)**	**Dip**	**Magn**	**Survey Type**	**Accepted**	**Comments**
2	A-18-149	0.00		230	-60.3				Collar
3	A-18-149	11.28	210	228.5	-60.6	5808	Reflex EZ-Shot	Yes	
4	A-18-149	56.39	211.2	229.7	-60.4	5721	Reflex EZ-Shot	Yes	
5	A-18-149	102.11	210.5	229	-60.6	5689	Reflex EZ-Shot	Yes	
6	A-18-149	147.83	209.3	227.8	-60.4	5702	Reflex EZ-Shot	Yes	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**RECOVERY (m)**	**RECOVERY %**	**RQD (m)**	**RQD**	**CONCRETIONS**	**0-1**	**1-2**	**2-5**	**5-10**	**10+**
2	A-18-149	3.05	6.4	3.35	1.24	37.01	0	0.00						
3	A-18-149	6.40	7.32	0.92	0.86	93.48	0	0.00						
4	A-18-149	7.32	10.67	3.35	2.2	65.67	0.70	20.90						
5	A-18-149	10.67	13.41	2.74	2.12	77.37	1.17	42.70						
6	A-18-149	13.41	15.54	2.13	1.76	82.63	1.39	65.26						
7	A-18-149	15.54	16.76	1.22	0.82	67.21	0.32	26.23						
8	A-18-149	16.76	18.59	1.83	1.5	81.97	0.53	28.96						
9	A-18-149	18.59	19.51	0.92	0.49	53.26	0.33	35.87						
10	A-18-149	19.51	22.86	3.35	1.96	58.51	0.7	20.90						
11	A-18-149	22.86	25.30	2.44	1.54	63.11	0	0.00						
12	A-18-149	25.30	28.96	3.66	2.18	59.56	0.72	19.67						
13	A-18-149	28.96	32.00	3.04	2.39	78.62	0	0.00						
14	A-18-149	32.00	35.05	3.05	2.3	75.41	0.59	19.34						
15	A-18-149	35.05	37.49	2.44	1.82	74.59	0.41	16.80						
16	A-18-149	37.49	40.23	2.74	2.54	92.70	0.93	33.94						
17	A-18-149	40.23	41.25	1.02	0.92	90.20	0.34	33.33						
18	A-18-149	41.25	42.67	1.42	1.11	78.17	0.22	15.49						
19	A-18-149	42.67	44.20	1.53	1.26	82.35	0.37	24.18						
20	A-18-149	44.20	46.33	2.13	1.82	85.45	0.22	10.33						
21	A-18-149	46.33	48.77	2.44	1.72	70.49	0.12	4.92						
22	A-18-149	48.77	50.60	1.83	1.58	86.34	0.4	21.86						
23	A-18-149	50.60	51.82	1.22	1.19	97.54	0.66	54.10						
24	A-18-149	51.82	55.17	3.35	2.7	80.60	1.35	40.30						
25	A-18-149	55.17	56.39	1.22	0.97	79.51	0.31	25.41						
26	A-18-149	56.39	59.44	3.05	2.56	83.93	0.36	11.80						
27	A-18-149	59.44	61.26	1.82	0.5	27.47	0	0.00						
28	A-18-149	61.26	63.40	2.14	0.79	36.92	0.12	5.61						
29	A-18-149	63.40	64.92	1.52	1.29	84.87	0.00	0.00						
30	A-18-149	64.92	66.75	1.83	1.56	85.25	0.25	13.66						
31	A-18-149	66.75	68.58	1.83	1.7	92.90	0.78	42.62						
32	A-18-149	68.58	70.71	2.13	1.88	88.26	0.89	41.78						
33	A-18-149	70.71	72.24	1.53	1.15	75.16	0.49	32.03						
34	A-18-149	72.24	74.68	2.44	2.24	91.80	0.86	35.25						
35	A-18-149	74.68	76.50	1.82	1.62	89.01	1.01	55.49						
36	A-18-149	76.50	78.03	1.53	1.37	89.54	0.21	13.73						
37	A-18-149	78.03	80.77	2.74	2.37	86.50	1.14	41.61						
38	A-18-149	80.77	83.21	2.44	2.22	90.98	0.86	35.25						
39	A-18-149	83.21	85.04	1.83	1.32	72.13	0.3	16.39						
40	A-18-149	85.04	87.48	2.44	2.37	97.13	1.1	45.08						
41	A-18-149	87.48	89.61	2.13	1.57	73.71	0.33	15.49						
42	A-18-149	89.61	91.44	1.83	1.42	77.60	0.4	21.86						
43	A-18-149	91.44	93.57	2.13	1.4	65.73	0.15	7.04						
44	A-18-149	93.57	95.71	2.14	1.63	76.17	0.25	11.68						
45	A-18-149	95.71	98.15	2.44	1.12	45.90	0.00	0.00						
46	A-18-149	98.15	100.58	2.43	0.71	29.22	0	0.00						
47	A-18-149	100.58	102.72	2.14	1.94	90.65	0.24	11.21						
48	A-18-149	102.72	105.16	2.44	1.18	48.36	0.4	16.39						
49	A-18-149	105.16	106.38	1.22	0.6	49.18	0	0.00						
50	A-18-149	106.38	109.42	3.04	2.6	85.53	1.06	34.87						
51	A-18-149	109.42	112.47	3.05	2.69	88.20	1.87	61.31						
52	A-18-149	112.47	115.52	3.05	2.84	93.11	1.97	64.59						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**RECOVERY (m)**	**RECOVERY %**	**RQD (m)**	**RQD**	**CONCRETIONS**	**0-1**	**1-2**	**2-5**	**5-10**	**10+**
53	A-18-149	115.52	118.87	3.35	2.7	80.60	1.79	53.43						
54	A-18-149	118.87	121.92	3.05	2.66	87.21	1.69	55.41						
55	A-18-149	121.92	126.49	4.57	3.81	83.37	2.53	55.36						
56	A-18-149	126.49	129.54	3.05	2.85	93.44	2.04	66.89						
57	A-18-149	129.54	132.59	3.05	2.94	96.39	2.67	87.54						
58	A-18-149	132.59	135.03	2.44	1.23	50.41	0.68	27.87						
59	A-18-149	135.03	137.16	2.13	1.6	75.12	0	0.00						
60	A-18-149	137.16	139.29	2.13	1.56	73.24	0	0.00						
61	A-18-149	139.29	140.21	0.92	0.82	89.13	0	0.00						
62	A-18-149	140.21	143.26	3.05	2.42	79.34	0.77	25.25						
63	A-18-149	143.26	144.48	1.22	1.03	84.43	0.12	9.84						
64	A-18-149	144.48	146.30	1.82	1.37	75.27	0.43	23.63						
65	A-18-149	146.30	147.22	0.92	0.79	85.87	0	0.00						
66	A-18-149	147.22	149.05	1.83	0.94	51.37	0	0.00						
67	A-18-149	149.05	150.88	1.83	1.43	78.14	0	0.00						
68	A-18-149	150.88	153.92	3.04	2.46	80.92	0.21	6.91						
69	A-18-149	153.92	156.06	2.14	1.37	64.02	0	0.00						
70	A-18-149	156.06	157.89	1.83	1.62	88.52	0.55	30.05						
71	A-18-149	157.89	159.41	1.52	1.17	76.97	0.15	9.87						
72	A-18-149	159.41	160.02	0.61	0.45	73.77	0.1	16.39						
73	A-18-149	160.02	163.07	3.05	2.66	87.21	1.38	45.25						
74	A-18-149	163.07	165.81	2.74	2.67	97.45	1.83	66.79						
75	A-18-149	165.81	169.16	3.35	2.81	83.88	1.46	43.58						
76	A-18-149	169.16	172.21	3.05	2.82	92.46	2.07	67.87						
77	A-18-149	172.21	174.96	2.75	2.19	79.64	1.57	57.09						
78	A-18-149	174.96	178.00	3.04	2.72	89.47	2	65.79						
79	A-18-149	178.00	181.05	3.05	2.93	96.07	1.91	62.62						
80	A-18-149	181.05	184.10	3.05	2.77	90.82	1.44	47.21						
81	A-18-149	184.10	187.15	3.05	2.61	85.57	0.83	27.21						
82	A-18-149	187.15	188.67	1.52	1.11	73.03	0.1	6.58						
83	A-18-149	188.67	190.50	1.83	1.62	88.52	0.81	44.26						
84	A-18-149	190.50	192.63	2.13	1.68	78.87	0.22	10.33						
85	A-18-149	192.63	194.16	1.53	1.59	103.92	0.7	45.75						
86	A-18-149	194.16	196.60	2.44	2.39	97.95	1.6	65.57						
87	A-18-149	196.60	198.73	2.13	1.56	73.24	0.93	43.66						
88	A-18-149	198.73	199.64	0.91	0.97	106.59	0.39	42.86						
89	A-18-149	199.64	201.17	1.53	1.09	71.24	0.2	13.07						
90	A-18-149	201.17	202.69	1.52	1.16	76.32	0.13	8.55						
91	A-18-149	202.69	204.52	1.83	1.26	68.85	0.12	6.56						
92	A-18-149	204.52	206.65	2.13	1.9	89.20	0.5	23.47						
93	A-18-149	206.65	208.79	2.14	1.8	84.11	0.96	44.86						
94	A-18-149	208.65	210.62	1.97	1.36	69.04	0.45	22.84						
95	A-18-149	210.62	211.84	1.22	1.24	101.64	0.32	26.23						
96	A-18-149	211.84	213.66	1.82	1.4	76.92	0.42	23.08						
97	A-18-149	213.66	214.88	1.22	1.02	83.61	0.1	8.20						
98	A-18-149	214.88	216.41	1.53	1.29	84.31	0	0.00						
99	A-18-149	216.41	217.93	1.52	1.6	105.54	0.63	41.56						
100	A-18-149	217.93	220.98	3.05	2.55	83.61	0.43	14.10						
101	A-18-149	220.98	223.11	2.13	1.89	88.73	1.04	48.83						
102	A-18-149	223.11	225.25	2.14	1.72	80.37	0.41	19.16						
103	A-18-149	225.25	227.08	1.83	1.72	93.99	0.27	14.75						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**HOLE ID**	**FROM**	**TO**	**LENGTH**	**RECOVERY (m)**	**RECOVERY %**	**RQD (m)**	**RQD**	**CONCRETIONS**	**0-1**	**1-2**	**2-5**	**5-10**	**10+**
104	A-18-149	227.08	229.51	2.43	2.04	83.95	0.89	36.63						
105	A-18-149	229.51	231.65	2.14	1.33	62.15	0	0.00						
106	A-18-149	231.65	232.56	0.91	0.97	106.59	0.35	38.46						
107	A-18-149	232.56	236.22	3.66	2.8	76.50	0.75	20.49						
108	A-18-149	236.22	237.44	1.22	0.53	43.44	0	0.00						
109	A-18-149	237.44	238.35	0.91	0.62	68.13	0	0.00						
110	A-18-149	238.35	241.40	3.05	2.13	69.84	0	0.00						
111	A-18-149	241.40	242.32	0.92	0.4	43.48	0.00	0.00						
112	A-18-149	242.32	245.06	2.74	1.77	64.60	0.00	0.00						
113	A-18-149	245.06	247.50	2.44	1.6	65.57	0.00	0.00						
114	A-18-149	247.50	248.72	1.22	0.85	69.67	0.00	0.00						

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION	
CS		CASING	
911		Missing core	
2SST	**WARNEFORD FORMATION**	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.	
3SH	**AKIE FORMATION**	Shale	
3RB	**AKIE FORMATION**	Ribbon Bedded Cherts?	Poorly Defined
3BX	**AKIE FORMATION**	Breccia	Poorly Defined
3SS	**AKIE FORMATION**	Sandstone	Poorly Defined
3DSH	**AKIE FORMATION**	Medium/dark grey to black, moderately soft mudstone with wispy, discontinuous, well laminated, fine pyrite	
3BDSH	**AKIE FORMATION**	Black to dark grey, bedded shale with beds convoluted and pinching and swelling at variable orientations TCA.	
3SH	**AKIE FORMATION**	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.	
4SH	**GUNSTEEL FORMATION**	Black, graphitic shales with disseminated vfg pyrite	
4SS	**GUNSTEEL FORMATION**	Dark grey to black fg siltstones	
4FSH	**GUNSTEEL FORMATION**	Fragmental shale with variably sized fragments and clasts composed of shale, siltstone, etc.	
4PYSH	**GUNSTEEL FORMATION**	Laminated pyrite with nodular Barite beds interbedded with black shales	
4BSH	**GUNSTEEL FORMATION**	Nodular barite beds interbedded with black shales and weak-very weak laminated pyrite.	
4MBSH	**GUNSTEEL FORMATION**	Laminated to Massive bedded barite with minor nodular barite	
4CSH	**GUNSTEEL FORMATION**	Laminated chert beds interbedded with black shales	
4MPSH	**GUNSTEEL FORMATION**	Bedded Pyrite with minor Sp and Pb interbedded with black shales	
4CC	**GUNSTEEL FORMATION**	Laminated massive sulphides of steel grey to amber sphalerite, galena and pyrite interbedded with black shales	
4MS	**Gunsteel Formation**	Semi-massive to crudely layered sulphide lens	
4LPSH	**Gunsteel Formation**	Laminar bedded Pyrite, irregular concretions, and interbedded shale	
4LBSH	**Gunsteel Formation**	Nodular to Laminar bedded Barite, irregular concretions, and interbedded shale	

AKIE LITHOLOGY LEGEND

5SS	**Paul River Formation**	Black, carbonaceous to siliceous argillite interbedded with abundant light grey calcareous siltstones & debris flow beds.
5SH	**Paul River Formation**	Black, carbonaceous to siliceous mudstone/shale interbedded with pyritic siltstone beds to abundant debris flow beds.
5LS	**Paul River Formation**	Non fossiliferous limestone
5BLS	**Paul River Formation**	Fossiliferous, bioclastic limestone
5BXLS	**Paul River Formation**	Brecciated limestone, or a debris flow containing limestone, siltstone and or shale fragments
6SS	**ROAD RIVER GROUP**	Siltstone
6CSS	**ROAD RIVER GROUP**	Generally well beddded calcareous to dolomitic siltstone
6SH	**ROAD RIVER GROUP**	Shale/mudstones
6LS	**ROAD RIVER GROUP**	Limestone
7SH	**ROAD RIVER GROUP**	Black Graptolitic Shale

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
FA-UP	Fold Axis-Hinge Uphole
FA-Down	Fold Axis-Hinge Downhole
FA-Z	Fold Axis in apparent z fold
FA-S	Fold Axis in apparent s fold
FA-W	Fold Axis in apparent w fold
FA-M	Fold Axis in apparent m fold
CLV	Cleavage
T-UP	Topping direction uphole
T-DOWN	Topping direction downhole

ALTERATION

SILC	Siliceous alteration
CARB	Carbonate alteration (present in the form of calcite or abundant carbonate veining (stringers and veinlets)

GROUP & FORMATION

WRF	**WARNEFORD FORMATION**
AKF	**AKIE FORMATION**
GSF	**GUNSTEEL FORMATION**
PRF	**PAUL RIVER FORMATION**
RRG	**ROAD RIVER GROUP**

ZINCX RESOURCES
TSX.V: ZNX

Akie Property

Drill Hole # A-07-44 Relog

Date		Logger	N Johnson

Collar Orientation

Proposed	
Azimuth	
Dip	
Length (m)	

Actual	
Azimuth	
Dip	
Length (m)	

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	
Grid Section	

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	
Core Size	
Date Started	
Date Completed	
Capped	
Casing	
Drilled Units	

Purpose: Resampling of previously unrecognised Nick-style mineralisation

Comments: The magnetic declination for 2018 18.5 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip

Hole Summary: Thin intervals of black shale hosting fine grained sulphides representing the Nick-style mineralisation were resampled within and at the base of the Kwadacha Limestone in contact with the Silurian Siltstone. A total of 17 samples were taken (including QA/QC samples) from 201.63 to 209.00 metres. The black shale interbeds within the limestone and at the base of the limestone displayed an enrichment of Ni and Nick-style associated elements.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-07-44	200.98	202.60	1.62	Fossiliferous Limestone		5BLS		PRF
A-07-44	202.60	202.83	0.23	Black shale (Ni-Mine)		Ni-Shale		PRF
A-07-44	202.83	206.45	3.62	Fossiliferous Limestone		5BLS		PRF
A-07-44	206.45	207.30	0.85	Black shale (Ni-Mine)	Black shale at base of limestone with minor clots of pyrite. Veining along upper contact and minor veining along lower contact with Cpy, Sp. Interval is folded.	Ni-Shale		PRF
A-07-44	207.30	212.32	5.02	Silurian Siltstone	Laminar bedded siltstones	6SS		RRG

										AQ250	AQ250	AQ250
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM
A-07-44	201.63	202.00	0.37	2696804	Foss. Limestone	Tr	99		VAN18002382	1	0.89	0.58
A-07-44	202.00	202.60	0.60	2696805	Foss. Limestone	Tr	99		VAN18002382	1.72	1.41	0.95
A-07-44	202.60	202.83	0.23	2696806	Black Shale	1	99		VAN18002382	200.7	153.36	66.29
A-07-44	202.83	203.00	0.17	2696807	Foss. Limestone	Tr	99		VAN18002382	1.03	1.56	0.81
A-07-44	203.00	203.50	0.50	2696808	Foss. Limestone	Tr	99		VAN18002382	2.76	3.12	1.02
A-07-44	203.50	204.00	0.50	2696809	Foss. Limestone	Tr	99		VAN18002382	0.62	0.55	0.45
A-07-44	204.00	204.50	0.50	2696810	Foss. Limestone	Tr	99		VAN18002382	1.45	1.13	0.57
A-07-44	204.50	205.00	0.50	2696811	Foss. Limestone	Tr	99		VAN18002382	1.35	1.07	0.65
A-07-44	205.00	205.50	0.50	2696812	Foss. Limestone	Tr	99		VAN18002382	1.18	0.75	0.53
A-07-44				2696813				CDN ME-1306	VAN18002382	21.87	4145.34	>10000.00
A-07-44	205.50	206.00	0.50	2696814	Foss. Limestone	Tr	99		VAN18002382	0.72	1.37	2.51
A-07-44	206.00	206.45	0.45	2696815	Foss. Limestone	Tr	99		VAN18002382	0.88	3.33	1.02
A-07-44	206.45	206.89	0.44	2696816	Black shale w/veining	1	99		VAN18002382	13.69	92.25	26.72
A-07-44	206.89	207.30	0.41	2696817	hale w/chert nodules, minor Py, vein w/	1	99		VAN18002382	8.83	92.48	22.04
A-07-44	207.30	208.00	0.70	2696818	Siltstone	Tr	99		VAN18002382	14.05	18.74	10.77
A-07-44	208.00	208.50	0.50	2696819	Siltstone	Tr	99		VAN18002382	8.88	16.11	13.75
A-07-44	208.50	209.00	0.50	2696820	Siltstone	Tr	99		VAN18002382	7.26	11.01	8.71

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
A-07-44	201.63	202.00	0.37	2696804	2.2	5	1.6	<0.1	113	0.05	<0.1	2.9	0.4	<0.1	290.6	<0.01	0.08	<0.02
A-07-44	202.00	202.60	0.60	2696805	33.3	6	3.7	<0.1	135	0.16	0.3	5.2	0.6	<0.1	324.9	0.24	0.15	<0.02
A-07-44	202.60	202.83	0.23	2696806	1679.7	936	324.7	12.8	76	3.49	57.7	27.1	<0.2	9.5	121.2	10.79	10.76	0.46
A-07-44	202.83	203.00	0.17	2696807	187.5	6	6.5	<0.1	131	0.08	<0.1	6.2	<0.2	<0.1	308.9	1.89	0.09	<0.02
A-07-44	203.00	203.50	0.50	2696808	33.7	11	8	0.1	96	0.1	0.3	4.2	0.4	0.1	326.2	0.23	0.16	<0.02
A-07-44	203.50	204.00	0.50	2696809	9.5	3	4.8	<0.1	113	0.04	<0.1	3.7	0.2	<0.1	357.3	0.05	0.03	<0.02
A-07-44	204.00	204.50	0.50	2696810	22.4	7	7.6	0.1	147	0.06	0.5	4.1	1.1	<0.1	275.6	0.15	0.09	<0.02
A-07-44	204.50	205.00	0.50	2696811	239.8	11	6.9	0.1	132	0.06	0.3	3.4	0.3	<0.1	312.9	1.84	0.13	<0.02
A-07-44	205.00	205.50	0.50	2696812	177.7	12	6.2	<0.1	119	0.05	<0.1	3.2	<0.2	0.1	346.7	1.24	0.11	<0.02
A-07-44				2696813	>10000.0	>100000	34	24.6	972	9.27	577.4	1.3	367.7	0.9	37	204.78	136.33	12.85
A-07-44	205.50	206.00	0.50	2696814	181.5	18	3.5	0.1	121	0.05	<0.1	3.3	0.8	<0.1	437.9	1.25	0.06	<0.02
A-07-44	206.00	206.45	0.45	2696815	813.4	15	8.3	<0.1	115	0.08	<0.1	3.3	0.9	<0.1	459.5	5.21	0.12	<0.02
A-07-44	206.45	206.89	0.44	2696816	1109.4	867	176.4	6	192	2.25	18.9	15.1	<0.2	4.5	406	7.58	4.31	0.15
A-07-44	206.89	207.30	0.41	2696817	402.5	893	148.4	6.3	216	1.73	14.8	14	0.4	4.6	216.6	3.14	3.82	0.18
A-07-44	207.30	208.00	0.70	2696818	16.1	672	37.1	4.6	220	0.87	9.6	20.1	<0.2	5.3	88.5	0.14	1.95	0.1
A-07-44	208.00	208.50	0.50	2696819	14.2	263	26.3	3.4	243	1.91	11.3	8.7	0.9	3.9	112	0.03	1.68	0.08
A-07-44	208.50	209.00	0.50	2696820	17.2	224	15.9	2.7	187	0.78	8.3	2.5	0.3	3.6	109.3	0.15	1.27	0.07

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
A-07-44	201.63	202.00	0.37	2696804	4	35.05	0.015	4.9	0.7	0.16	98.8	<0.001	<20	0.03	0.004	0.03	<0.1	<0.1
A-07-44	202.00	202.60	0.60	2696805	5	35.05	0.021	8.2	0.9	0.19	81.5	<0.001	<20	0.03	0.004	0.06	<0.1	0.4
A-07-44	202.60	202.83	0.23	2696806	20	7.41	0.084	3.5	6	0.1	168.8	0.005	<20	0.36	0.002	0.26	1.4	2.5
A-07-44	202.83	203.00	0.17	2696807	8	34.96	0.01	9.2	1.5	0.21	68.2	<0.001	<20	0.03	0.002	0.04	1.3	0.9
A-07-44	203.00	203.50	0.50	2696808	11	36.63	0.008	4.1	1.5	0.3	77.6	<0.001	<20	0.04	<0.001	0.07	0.8	0.2
A-07-44	203.50	204.00	0.50	2696809	10	34.77	0.007	4.6	1.5	0.25	65.8	<0.001	<20	0.03	<0.001	0.02	<0.1	0.1
A-07-44	204.00	204.50	0.50	2696810	8	34.55	0.008	7.6	1.5	0.22	71.6	<0.001	<20	0.03	0.002	0.04	<0.1	0.2
A-07-44	204.50	205.00	0.50	2696811	8	35.64	0.01	5.2	1.5	0.23	60.7	<0.001	<20	0.04	0.002	0.05	<0.1	0.2
A-07-44	205.00	205.50	0.50	2696812	6	34.36	0.011	5	1.5	0.24	59.9	<0.001	<20	0.03	0.001	0.07	<0.1	0.2
A-07-44				2696813	37	1.6	0.038	4.1	42.9	1.59	91.1	0.009	<20	1.41	0.009	0.12	0.9	2.9
A-07-44	205.50	206.00	0.50	2696814	9	35.43	0.006	4.1	1.1	0.24	58.3	<0.001	<20	0.03	0.003	0.01	<0.1	0.1
A-07-44	206.00	206.45	0.45	2696815	9	35.26	0.012	4.6	1.9	0.26	64.7	<0.001	<20	0.03	0.001	0.02	<0.1	0.2
A-07-44	206.45	206.89	0.44	2696816	243	17.53	2.461	41.5	209.7	4.46	326.3	0.022	22	1.58	0.029	0.86	0.3	5.4
A-07-44	206.89	207.30	0.41	2696817	137	12.94	1.393	24.5	175.5	5.33	306.1	0.019	<20	1.3	0.007	1.13	0.2	5.8
A-07-44	207.30	208.00	0.70	2696818	72	9.1	0.438	10.1	10.6	4.69	128	0.008	<20	0.64	0.02	0.67	<0.1	3.3
A-07-44	208.00	208.50	0.50	2696819	24	10.31	0.124	4.7	6.6	4.31	115.3	0.003	<20	0.42	0.009	0.45	0.1	2.9
A-07-44	208.50	209.00	0.50	2696820	18	9.88	0.041	4.7	4.3	5.07	71.8	0.002	<20	0.29	0.01	0.42	<0.1	2.3

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-07-44	201.63	202.00	0.37	2696804	<0.02	<0.02	5	0.2	0.03	<0.1	<0.02	<0.1	<0.02	0.02	<0.1	<0.1	<0.05	0.4
A-07-44	202.00	202.60	0.60	2696805	0.02	0.11	<5	0.6	0.06	<0.1	0.02	<0.1	<0.02	0.03	0.2	<0.1	<0.05	0.7
A-07-44	202.60	202.83	0.23	2696806	2.71	4.12	611	32.1	1.22	1	1.4	<0.1	0.54	0.08	9.2	0.4	<0.05	24.8
A-07-44	202.83	203.00	0.17	2696807	0.04	0.03	26	0.4	0.04	0.1	0.03	<0.1	<0.02	<0.02	0.3	<0.1	<0.05	0.6
A-07-44	203.00	203.50	0.50	2696808	0.03	0.05	12	0.5	0.04	<0.1	0.06	<0.1	<0.02	0.03	0.5	<0.1	<0.05	0.5
A-07-44	203.50	204.00	0.50	2696809	<0.02	<0.02	6	0.2	0.02	<0.1	<0.02	<0.1	<0.02	0.03	0.1	<0.1	<0.05	0.2
A-07-44	204.00	204.50	0.50	2696810	0.02	<0.02	15	0.5	0.03	<0.1	0.03	<0.1	<0.02	0.03	0.3	<0.1	<0.05	0.5
A-07-44	204.50	205.00	0.50	2696811	0.03	<0.02	53	0.8	0.04	0.1	0.05	<0.1	0.05	0.04	0.3	<0.1	<0.05	0.5
A-07-44	205.00	205.50	0.50	2696812	0.03	<0.02	30	0.6	0.04	<0.1	0.05	<0.1	<0.02	0.04	0.4	<0.1	<0.05	0.6
A-07-44				2696813	9.33	7.75	8937	40.7	0.34	6.6	0.53	0.2	0.09	0.05	4.2	17.4	<0.05	3.3
A-07-44	205.50	206.00	0.50	2696814	<0.02	<0.02	40	0.2	0.04	<0.1	0.02	<0.1	<0.02	<0.02	0.1	<0.1	<0.05	0.4
A-07-44	206.00	206.45	0.45	2696815	<0.02	0.03	117	1.1	0.05	0.2	0.03	<0.1	<0.02	0.02	0.2	<0.1	<0.05	0.7
A-07-44	206.45	206.89	0.44	2696816	0.8	2.06	300	27.6	0.15	3.7	2.16	0.2	0.03	0.06	25.8	0.5	<0.05	1.6
A-07-44	206.89	207.30	0.41	2696817	0.58	1.48	206	22.6	0.13	3.2	2.26	<0.1	<0.02	0.05	27.7	0.6	<0.05	1
A-07-44	207.30	208.00	0.70	2696818	0.64	0.66	77	5.6	0.03	1.4	1.42	<0.1	<0.02	0.02	13.6	0.3	<0.05	1.6
A-07-44	208.00	208.50	0.50	2696819	0.36	1.82	77	5.7	<0.02	0.8	0.82	<0.1	0.14	<0.02	8.3	0.2	<0.05	7.7
A-07-44	208.50	209.00	0.50	2696820	0.27	0.55	49	2.4	0.03	0.6	0.72	<0.1	0.15	<0.02	6.1	0.1	<0.05	6.7

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	LF301	SPG01	WGHT
					Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB	PPM	NONE	KG
A-07-44	201.63	202.00	0.37	2696804	6.62	3.2	<0.02	15	0.1	0.7	<10	3	96	2.68	0.9
A-07-44	202.00	202.60	0.60	2696805	10.89	5.6	<0.02	22	<0.1	0.9	<10	2	81	2.61	1.29
A-07-44	202.60	202.83	0.23	2696806	11.37	7.5	0.05	908	0.4	2.5	<10	6	1889	2.49	0.54
A-07-44	202.83	203.00	0.17	2696807	12.47	8.1	<0.02	23	0.1	0.6	<10	<2	80	2.62	0.47
A-07-44	203.00	203.50	0.50	2696808	6.96	2.4	<0.02	19	0.1	0.7	<10	2	87	2.63	0.67
A-07-44	203.50	204.00	0.50	2696809	7.38	2.7	<0.02	7	0.1	0.7	<10	<2	66	2.65	1.18
A-07-44	204.00	204.50	0.50	2696810	9.58	4.1	<0.02	15	0.1	0.6	<10	<2	75	2.65	0.88
A-07-44	204.50	205.00	0.50	2696811	7.57	3.4	<0.02	18	<0.1	0.7	<10	<2	66	2.64	1.26
A-07-44	205.00	205.50	0.50	2696812	7.46	3.1	<0.02	11	0.1	0.7	<10	<2	58	2.65	0.86
A-07-44				2696813	4.95	7.3	2.64	17	0.3	19	<10	<2	686	2.93	0.08
A-07-44	205.50	206.00	0.50	2696814	5.6	2.5	<0.02	10	<0.1	0.5	<10	<2	58	2.67	1.13
A-07-44	206.00	206.45	0.45	2696815	6.56	2.9	<0.02	6	<0.1	0.5	<10	<2	61	2.7	0.93
A-07-44	206.45	206.89	0.44	2696816	71.32	53.8	<0.02	82	1.1	28.5	19	13	546	2.58	0.99
A-07-44	206.89	207.30	0.41	2696817	61.85	47.1	0.02	74	1	19.4	20	16	666	2.58	0.99
A-07-44	207.30	208.00	0.70	2696818	27.52	24.6	<0.02	107	0.6	9.5	<10	4	816	2.61	1.53
A-07-44	208.00	208.50	0.50	2696819	15.01	11.2	<0.02	14	0.3	5.8	<10	<2	711	2.66	1.15
A-07-44	208.50	209.00	0.50	2696820	9.92	8.5	<0.02	25	0.3	4.9	<10	<2	631	2.65	1.12

ZINCX RESOURCES
TSX.V: ZNX

Akie Property

Drill Hole # A-10-67 Relog

Date		Logger	

Collar Orientation

Proposed	
Azimuth	
Dip	
Length (m)	

Actual	
Azimuth	
Dip	
Length (m)	

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	
Grid Section	

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	
Core Size	
Date Started	
Date Completed	
Capped	
Casing	
Drilled Units	

Purpose: Resample previously unrecognised Nick-style mineralisation

Comments: The magnetic declination for 2018 18.5 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip

Hole Summary: A thin, 60 cm interval of Nick-style mineralisation was recognised at 212.40 to 213.00 metres present at the base of what appeared to be disrupted or blocks of the Kwadacha Limestone. The interval is underlain by the silty turbiditic shales of the Paul River Formation. A total of 14 samples were taken. The Nick-style intercept displayed some enrichment in Ni and other Nick-style associated elements, notably P. Two other very thin pyritic intervals were also sampled that displayed some visual characteristics of the Nick-style mineralisation. It is not clear whether these intervals are additional examples of the Nick-style mineralisation.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-10-67	211.64	212.40	0.76	Fossiliferous Limestone		5BLS		PRF
A-10-67	212.40	213.00	0.60	Ni-Shale	Featureless black shale with scattered blebs of sulphide throughout the interval. The lower contact is marked by the presence of rounded, elongated black phosphatic chert nodules that are associated with sulphide mineralisation in close proximity to the nodules.	Ni-Shale		PRF
A-10-67	213.00	214.60	1.60	Turbiditic silty shales		5SS		PRF
A-10-67	214.06	214.11	0.05	Debris flow with sulphides	Very thin debris flow that appears to be replaced or host to abundant sulphides. Possible Ni-rich interval. (Uncertain)	Ni-Shale		PRF
A-10-67	214.11	215.74	1.63	Turbiditic silty shales		5SS		PRF
A-10-67	215.74	215.81	0.07	Debris flow with sulphides	as above (Uncertain)	Ni-Shale		PRF
A-10-67	215.81	217.72	1.91	Turbiditic silty shales		5SS		PRF
A-10-67	217.72	220.09	2.37	Debris flow	Debris flow with fossiliferous limestone, light grey clast hosted in black mud matrix	5BXLS		PRF

										AQ250	AQ250	AQ250
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM
A-10-67	212.00	212.40	0.40	2696821	Limestone				VAN18002382	0.88	1.45	18.07
A-10-67	212.40	212.70		2696822	Ni Shale				VAN18002382	12.86	91.76	497.95
A-10-67				2696823	BL-126			BL-126	VAN18002382	1.75	52.43	2.77
A-10-67	212.70	213.00		2696824	Ni Shale				VAN18002382	16.24	99.41	760.73
A-10-67	213.00	213.50		2696825	5SS w/vn at end				VAN18002382	36.72	52.42	108.79
A-10-67	213.50	214.06		2696826	5SS				VAN18002382	31.63	34.94	59.97
A-10-67	214.06	214.11		2696827	Ni Shale?				VAN18002382	41.4	90.04	227
A-10-67	214.11	214.50		2696828	5SS				VAN18002382	33.29	37.17	62.67
A-10-67	214.50	215.00		2696829	5SS				VAN18002382	37.64	48.63	82.13
A-10-67	215.00	215.50		2696830	5SS				VAN18002382	32.05	48.01	82.93
A-10-67	215.50	215.71		2696831	5SS				VAN18002382	35.83	41.43	91.94
A-10-67	215.71	215.86		2696832	Ni Shale?				VAN18002382	32.14	118.2	278.31
A-10-67	215.86	216.50		2696833	5SS				VAN18002382	34.63	60.57	151.05
A-10-67	216.50	217.00		2696834	5SS				VAN18002382	33.59	63.3	115.13

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
A-10-67	212.00	212.40	0.40	2696821	2.8	20	8.1	<0.1	152	0.13	0.5	3	0.4	0.1	739.5	0.02	0.38	<0.02
A-10-67	212.40	212.70		2696822	2356.4	1578	123.8	4.7	284	1.68	14.2	15.9	0.8	4.9	463.6	17.02	15.82	0.14
A-10-67				2696823	33.3	49	5.2	8.3	374	2.63	0.2	0.8	2.3	2.4	72.9	0.02	0.05	0.06
A-10-67	212.70	213.00		2696824	767.9	2004	152	6.8	251	1.93	35.5	16	1	5.5	597.2	4.76	20.19	0.21
A-10-67	213.00	213.50		2696825	1768.2	1046	74.9	7.8	68	1.37	21.6	12.2	1.2	3.5	114.9	13.14	14.11	0.17
A-10-67	213.50	214.06		2696826	800.8	580	69.6	6.4	107	1.26	18.8	10.1	1.2	3.4	104.6	5.88	12.82	0.14
A-10-67	214.06	214.11		2696827	50.9	2673	195.7	11.6	98	5.83	51.7	18.5	0.5	3.8	46.5	0.45	49.32	0.21
A-10-67	214.11	214.50		2696828	143	684	79.3	7	72	1.39	21.1	10.8	1.7	3.7	46.8	1.15	15.66	0.16
A-10-67	214.50	215.00		2696829	2034.8	811	74.2	7.8	112	1.57	22	12.4	1.2	4.2	55.5	17.06	16.69	0.17
A-10-67	215.00	215.50		2696830	10.7	781	90	7.3	94	1.73	29.9	11.1	1	4	53.4	0.09	16.19	0.18
A-10-67	215.50	215.71		2696831	768.8	791	53.9	7.2	81	0.82	21.5	10	0.4	4.2	55.4	6.48	13.04	0.18
A-10-67	215.71	215.86		2696832	110.4	3602	129.4	9	132	9.26	81.8	12	1.2	3	82.4	1.04	58.12	0.16
A-10-67	215.86	216.50		2696833	3273.7	1349	76.1	7.2	88	1.26	28.9	11.3	1	3.9	63.2	27.44	18.97	0.15
A-10-67	216.50	217.00		2696834	3898.9	1303	81.2	6.3	81	1.24	30	11.5	0.8	3.8	60.1	32.01	19.69	0.16

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
A-10-67	212.00	212.40	0.40	2696821	20	35.96	0.018	4	2.7	0.62	199.6	<0.001	<20	0.04	0.003	0.24	<0.1	0.2
A-10-67	212.40	212.70		2696822	174	15.85	2.064	38.5	178.1	5.18	897.2	0.023	41	1.3	0.023	0.72	<0.1	4.9
A-10-67				2696823	96	0.86	0.055	6.9	10	0.71	119.8	0.119	<20	1.55	0.173	0.23	2.4	2.2
A-10-67	212.70	213.00		2696824	296	13.36	2.183	39.7	196.3	3.04	191.3	0.024	42	1.56	0.015	0.69	<0.1	5
A-10-67	213.00	213.50		2696825	118	1.43	0.039	8.5	6.3	0.27	546.7	0.003	<20	0.45	0.003	0.27	<0.1	2.1
A-10-67	213.50	214.06		2696826	119	1.71	0.05	5.9	7.2	0.47	480.8	0.003	<20	0.48	0.003	0.29	<0.1	2.3
A-10-67	214.06	214.11		2696827	121	1.15	0.093	3.1	8	0.2	45.4	0.004	<20	0.53	0.003	0.3	<0.1	2.2
A-10-67	214.11	214.50		2696828	120	1	0.048	6.1	7.3	0.35	467.9	0.004	<20	0.48	0.003	0.28	<0.1	1.9
A-10-67	214.50	215.00		2696829	141	1.44	0.057	5.7	7.2	0.5	445.4	0.004	<20	0.52	0.003	0.29	<0.1	2.7
A-10-67	215.00	215.50		2696830	162	1.34	0.048	5.9	8.5	0.42	474.5	0.004	<20	0.61	0.003	0.34	<0.1	2.5
A-10-67	215.50	215.71		2696831	177	1.24	0.055	10	9.5	0.33	975.1	0.004	<20	0.61	0.004	0.34	<0.1	2.6
A-10-67	215.71	215.86		2696832	102	2.33	0.078	2.1	7.3	0.22	41.6	0.004	<20	0.48	0.004	0.27	<0.1	2.1
A-10-67	215.86	216.50		2696833	184	1.4	0.063	6.6	9.4	0.35	481.2	0.004	<20	0.59	0.003	0.32	<0.1	2.5
A-10-67	216.50	217.00		2696834	156	1.27	0.055	6.6	7	0.35	483.6	0.004	<20	0.47	0.002	0.27	<0.1	2.2

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-10-67	212.00	212.40	0.40	2696821	0.03	<0.02	7	0.7	0.05	<0.1	0.06	<0.1	<0.02	<0.02	0.4	0.1	<0.05	0.6
A-10-67	212.40	212.70		2696822	0.81	1.03	278	22.3	0.16	3	2.94	0.2	<0.02	0.1	28.5	0.5	<0.05	1.3
A-10-67				2696823	0.04	<0.02	<5	<0.1	<0.02	4.3	0.29	<0.1	0.05	0.12	6.3	0.3	<0.05	1.3
A-10-67	212.70	213.00		2696824	1.18	1.45	188	35	0.23	3.4	3.11	0.1	<0.02	0.11	33	0.7	<0.05	1.6
A-10-67	213.00	213.50		2696825	0.9	1.51	187	14	0.13	1.1	2.09	<0.1	0.21	<0.02	13.6	0.3	<0.05	10.9
A-10-67	213.50	214.06		2696826	0.8	1.23	114	8.1	0.1	1.1	2.28	<0.1	0.18	<0.02	14.5	0.2	<0.05	10.7
A-10-67	214.06	214.11		2696827	19.99	6.56	225	25.8	0.19	1.4	2.56	<0.1	0.47	0.03	15.4	0.2	<0.05	17.6
A-10-67	214.11	214.50		2696828	1.09	1.45	115	7.8	0.12	1.2	2.21	<0.1	0.24	<0.02	14.5	0.2	<0.05	10.9
A-10-67	214.50	215.00		2696829	1.11	1.68	219	12.4	0.15	1.3	2.5	<0.1	0.27	<0.02	15.6	0.2	<0.05	12.1
A-10-67	215.00	215.50		2696830	1.08	1.79	108	18	0.11	1.3	2.56	<0.1	0.23	<0.02	17	0.2	<0.05	12.1
A-10-67	215.50	215.71		2696831	1	0.81	116	11.7	0.11	1.5	2.67	<0.1	0.16	<0.02	18.1	0.3	<0.05	9
A-10-67	215.71	215.86		2696832	25.59	9.88	265	36.5	0.15	1.2	1.84	0.2	0.31	0.05	13.3	0.2	<0.05	13.8
A-10-67	215.86	216.50		2696833	1.15	1.44	291	22.3	0.09	1.6	2.58	<0.1	0.21	<0.02	16.9	0.3	<0.05	11
A-10-67	216.50	217.00		2696834	1	1.46	293	20.1	0.14	1.2	2.42	<0.1	0.24	<0.02	14.9	0.2	<0.05	11.3

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	LF301	SPG01	WGHT
					Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB	PPM	NONE	KG
A-10-67	212.00	212.40	0.40	2696821	6.15	2.3	<0.02	6	0.1	0.9	<10	<2	208	2.64	1.64
A-10-67	212.40	212.70		2696822	60.74	42.9	<0.02	66	0.7	13.1	<10	7	1441	2.56	1.4
A-10-67				2696823	4.27	14.1	<0.02	<1	0.1	5.6	<10	<2	560	I.S.	0.02
A-10-67	212.70	213.00		2696824	83	48.1	0.03	82	1.3	13.5	13	8	2477	2.56	1.23
A-10-67	213.00	213.50		2696825	7.59	13.2	0.03	47	0.4	4.8	<10	4	4043	2.56	1.98
A-10-67	213.50	214.06		2696826	7.85	9.6	0.02	42	0.4	4.3	<10	<2	2941	2.5	2.23
A-10-67	214.06	214.11		2696827	14.43	6.3	<0.02	80	0.4	4.5	10	4	3211	2.69	0.36
A-10-67	214.11	214.50		2696828	7.84	9.8	<0.02	42	0.3	4.2	<10	<2	3146	2.53	1.99
A-10-67	214.50	215.00		2696829	9.29	9.8	0.04	45	0.4	5.2	<10	3	3327	2.55	1.97
A-10-67	215.00	215.50		2696830	9.02	10.5	<0.02	32	0.3	5.2	<10	4	3424	2.59	1.99
A-10-67	215.50	215.71		2696831	9.39	16.6	0.05	36	0.3	5.5	<10	<2	4513	2.55	0.94
A-10-67	215.71	215.86		2696832	14.01	5.1	<0.02	59	0.3	4.3	<10	3	3546	2.82	0.78
A-10-67	215.86	216.50		2696833	9.47	11.7	<0.02	46	0.4	5.2	<10	3	3675	2.55	2.46
A-10-67	216.50	217.00		2696834	8.3	11	0.03	44	0.2	4.5	<10	3	3399	2.56	2.01

ZINCX RESOURCES
TSX.V: ZNX

Akie Property

Drill Hole # A-10-72 Relog

Date		Logger	

Collar Orientation

Proposed	
Azimuth	
Dip	
Length (m)	

Actual	
Azimuth	
Dip	
Length (m)	

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	
Grid Section	

Surveyed Collar Location

Datum	NAD 83 Zone 10
Northing (m)	
Easting (m)	
Elevation (m)	

Drilling Information

Contractor	
Core Size	
Date Started	
Date Completed	
Capped	
Casing	
Drilled Units	

Purpose: Resample previously unrecognised Nick-style mineralisation situated above the discovery interval.

Comments: The magnetic declination for 2018 18.5 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip

Hole Summary: Numerous thin (0 to 80cm thick) intervals of previously unrecognised Nick-style mineralisation was encountered situated uphole from the original discovery interval located from 299.37 to 300.57 metres. These intervals are thin and appear to be at low angles to the core axis suggesting the presence of folding. Resampling took place both above and below the discovery interval from 283.50 to 306.04 metres. A total of 45 samples were taken. The sampling demonstrated a consistent enrichment of Ni and Nick-style related elements above the discovery interval. The shales below the discovery interval do not display any sort of enrichment.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-10-72	283.60	287.57	3.97	Black siliceous shale		5SH		PRF
A-10-72	287.57	288.29	0.72	HEBS interval		Ni-Shale		PRF
A-10-72	288.29	288.75	0.46	Black siliceous shale		5SH		PRF
A-10-72	288.75	288.80	0.05	HEBS interval		Ni-Shale		PRF
A-10-72	288.80	289.00	0.20	Black siliceous shale		5SH		PRF
A-10-72	289.00	289.10	0.10	HEBS interval		Ni-Shale		PRF
A-10-72	289.10	289.69	0.59	Black siliceous shale		5SH		PRF
A-10-72	289.69	290.00	0.31	HEBS interval		Ni-Shale		PRF
A-10-72	290.00	292.75	2.75	Black siliceous shale		5SH		PRF
A-10-72	292.75	292.82	0.07	HEBS interval		Ni-Shale		PRF
A-10-72	292.82	293.00	0.18	HEBS interval		Ni-Shale?		PRF
A-10-72	293.00	293.55	0.55	Black siliceous shale		5SH		PRF
A-10-72	293.55	293.66	0.11	HEBS interval		Ni-Shale		PRF
A-10-72	293.66	296.27	2.61	Black siliceous shale		5SH		PRF
A-10-72	296.27	296.55	0.28	HEBS interval		Ni-Shale		PRF
A-10-72	296.55	296.77	0.22	Black siliceous shale		5SH		PRF
A-10-72	296.77	297.00	0.23	HEBS interval		Ni-Shale		PRF
A-10-72	297.00	299.37	2.37	Black siliceous shale		5SH		PRF
A-10-72	299.37	300.57	1.20	HEBS interval		Ni-Shale		PRF
A-10-72	300.57	306.04	5.47	Black siliceous shale		5SH		PRF

										AQ250	AQ250	AQ250
										Mo	Cu	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM
A-10-72	283.50	284.00	0.50	2695894	5SH				VAN18001868	38.28	60.22	35.72
A-10-72	284.00	284.50	0.50	2695895	5SH				VAN18001868	35.78	44.42	25.47
A-10-72	284.50	285.00	0.50	2695896	5SH				VAN18001868	20.82	51.13	24.6
A-10-72	285.00	285.50	0.50	2695897	5SH				VAN18001868	49.31	53.02	36.78
A-10-72	285.50	286.00	0.50	2695898	5SH				VAN18001868	68.21	51.1	53.88
A-10-72	286.00	286.50	0.50	2695899	5SH				VAN18001868	52.13	41.43	27.55
A-10-72	286.50	287.00	0.50	2695900	5SH				VAN18001868	65.46	48.72	43.67
A-10-72	287.00	287.57	0.57	2695951	5SH				VAN18001868	57.87	35.37	24.97
A-10-72	287.57	288.29	0.72	2695952	Ni Shale				VAN18001868	84.39	60	68.95
A-10-72			0.00	2695953				BLANK BL 126	VAN18001868	1.59	46.13	3.24
A-10-72	288.29	288.65	0.36	2695954	5SH				VAN18001868	60.89	36.18	37.34
A-10-72	288.65	289.10	0.45	2695955	Ni Shale				VAN18001868	62.03	36.24	22.96
A-10-72	289.10	289.69	0.59	2695956	5SH				VAN18001868	54.66	31.51	20.71
A-10-72	289.69	290.00	0.31	2695957	Ni Shale				VAN18001868	59.33	71.01	51.04
A-10-72	290.00	290.50	0.50	2695958	5SH				VAN18001868	67.84	52.02	36.4
A-10-72	290.50	291.00	0.50	2695959	5SH				VAN18001868	62.28	67.72	62.97
A-10-72	291.00	291.50	0.50	2695960	5SH				VAN18001868	63.25	65.03	35.41
A-10-72	291.50	292.00	0.50	2695961	5SH				VAN18001868	49.82	43.46	13.86
A-10-72	292.00	292.75	0.75	2695962	5SH				VAN18001868	59.77	49.59	19.37
A-10-72				2695963				STD CDN-ME-1306	VAN18001868	22.45	4236.64	>10000.00
A-10-72	292.75	293.00	0.25	2695964	Ni Shale				VAN18001868	98.42	110.04	51.78
A-10-72	293.00	293.55	0.55	2695965	5SH				VAN18001868	40.51	70.5	37.61
A-10-72	293.55	293.75	0.20	2695966	Ni Shale				VAN18001868	92.48	95.53	39.2
A-10-72	293.75	294.00	0.25	2695967	5SH				VAN18001868	13.58	32.87	17.22
A-10-72	294.00	294.50	0.50	2695968	5SH				VAN18001868	42.6	67.93	53.5
A-10-72	294.50	295.00	0.50	2695969	5SH				VAN18001868	43.65	60.17	49.59
A-10-72	295.00	295.50	0.50	2695970	5SH				VAN18001868	53.73	80.67	55.98
A-10-72	295.50	296.00	0.50	2695971	5SH				VAN18001868	61.99	70.79	44.37
A-10-72	296.00	296.27	0.27	2695972	5SH				VAN18001868	24.42	57.08	32.15
A-10-72				2695973				PULP DUP	VAN18001868	24.3	55.92	30.96
A-10-72	296.27	296.55	0.28	2695974	Ni Shale				VAN18001868	78.11	61.43	41.59
A-10-72	296.55	296.77	0.22	2695975	5SH				VAN18001868	70.41	46.67	24.77
A-10-72	296.77	297.00	0.23	2695976	Ni Shale				VAN18001868	103.62	80.05	63.62
A-10-72	297.00	297.50	0.50	2695977	5SH				VAN18001868	61.55	51.68	22.87
A-10-72	297.50	298.02	0.52	2695978	May have been sampled 298.02 to 298.5. And Possibly included in 856375				VAN18001868	57.98	91.57	45.88
A-10-72	301.57	302.00	0.43	2695979	5SH				VAN18001868	9.4	53.42	24.96
A-10-72	302.00	302.50	0.50	2695980	5SH				VAN18001868	10.35	58.13	24.61
A-10-72	302.50	303.00	0.50	2695981	5SH				VAN18001868	9.72	51.56	23.82
A-10-72	303.00	303.50	0.50	2695982	5SH				VAN18001868	11.81	51.63	21.59
A-10-72				2695983				BLANK BL 126	VAN18001868	1.56	48.37	3.22

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
A-10-72	283.50	284.00	0.50	2695894	154.3	720	108.2	10.2	99	2.3	24.9	12.2	<0.2	4.3	85.8	1.4	7.41	0.19
A-10-72	284.00	284.50	0.50	2695895	711.9	533	92.2	8.9	81	1.53	18.1	11.6	<0.2	3.9	55.7	6.8	5.42	0.17
A-10-72	284.50	285.00	0.50	2695896	10	502	84	8.2	101	2.02	17.7	5.7	<0.2	2.7	82.4	0.08	5.54	0.13
A-10-72	285.00	285.50	0.50	2695897	5.2	579	119.2	10	61	2.08	23.1	12.5	0.5	3.9	27.3	0.07	7.64	0.18
A-10-72	285.50	286.00	0.50	2695898	315.9	578	147.8	8.7	39	2.38	33.7	18.1	<0.2	3.2	35.3	2.93	12.74	0.15
A-10-72	286.00	286.50	0.50	2695899	1678	418	97.2	6.9	78	1.09	20.6	17.4	<0.2	3.7	97.1	15.73	6.55	0.15
A-10-72	286.50	287.00	0.50	2695900	782.7	514	144.2	9	44	2.05	41.7	22.1	<0.2	4.3	35.7	7.57	8.97	0.19
A-10-72	287.00	287.57	0.57	2695951	3760.4	334	155.3	8.1	46	1.44	23.5	17.6	<0.2	3.9	35.1	32.56	5.24	0.16
A-10-72	287.57	288.29	0.72	2695952	1083	866	384.7	18.2	256	5.31	151.2	29.6	<0.2	5.1	165	8.09	16.81	0.34
A-10-72			0.00	2695953	31.6	40	4.6	7.7	358	2.53	0.5	0.8	0.2	2.3	67.8	0.02	0.04	0.05
A-10-72	288.29	288.65	0.36	2695954	4993.2	501	210.9	8.7	20	1.44	46.2	19	<0.2	4.3	16.6	33.35	10.8	0.17
A-10-72	288.65	289.10	0.45	2695955	5026.3	436	181.7	9.3	30	1.38	28.7	19.9	<0.2	4.1	26.9	35.46	5.85	0.18
A-10-72	289.10	289.69	0.59	2695956	5630	358	153.2	8.1	23	1.09	21.2	17	<0.2	4.1	18.6	36.54	5.27	0.17
A-10-72	289.69	290.00	0.31	2695957	558.1	739	307.9	18.2	109	3.6	105.8	23.6	0.3	3.5	92.3	3.9	13	0.28
A-10-72	290.00	290.50	0.50	2695958	2228	419	157.5	8.8	62	2.53	45.1	18.4	<0.2	3.7	46.5	16.16	8.63	0.17
A-10-72	290.50	291.00	0.50	2695959	358.2	640	204.1	9	32	2.99	96.8	27.8	<0.2	3.5	25.1	2.85	15.16	0.16
A-10-72	291.00	291.50	0.50	2695960	2749.5	445	144.5	9.2	51	1.91	41	26	<0.2	4.2	38.2	19.51	8.1	0.16
A-10-72	291.50	292.00	0.50	2695961	4657.6	290	83.1	7.7	42	1.15	9.8	18.3	<0.2	4.2	38.2	31.54	3.5	0.15
A-10-72	292.00	292.75	0.75	2695962	3761.8	332	122.5	9	26	1.05	20.5	19.5	<0.2	4.6	27.5	24.32	4.81	0.18
A-10-72				2695963	>10000.0	>100000	33.9	25.3	996	9.33	608.1	1.1	145	0.8	35.1	199.63	89.38	11.03
A-10-72	292.75	293.00	0.25	2695964	3174.6	981	1090.8	29.5	78	3.51	161.6	27.8	<0.2	4.5	79.1	14.93	13.58	0.43
A-10-72	293.00	293.55	0.55	2695965	44	655	205.1	15.6	68	2.53	51.7	12.2	<0.2	3.6	37.2	0.21	9.7	0.26
A-10-72	293.55	293.75	0.20	2695966	830.5	715	859	26	70	3.04	136.4	19.8	<0.2	3.5	69.6	5.29	12.68	0.49
A-10-72	293.75	294.00	0.25	2695967	11.9	287	48.2	5	779	2.19	13.4	7.8	<0.2	0.9	668.6	0.05	4.31	0.07
A-10-72	294.00	294.50	0.50	2695968	7.5	798	98	8.8	63	2.3	31.5	15.3	<0.2	2.1	41.9	0.06	13.26	0.21
A-10-72	294.50	295.00	0.50	2695969	11	747	83	8	291	2.56	28.4	18.3	<0.2	1.4	245.3	0.05	12.55	0.19
A-10-72	295.00	295.50	0.50	2695970	12.4	809	115.7	9.6	141	3.12	39.5	18.8	<0.2	1.9	85.3	0.05	15.23	0.21
A-10-72	295.50	296.00	0.50	2695971	189.8	703	211.7	12.9	109	2.87	93.7	20.3	<0.2	2.5	122.5	0.82	16.49	0.24
A-10-72	296.00	296.27	0.27	2695972	26.8	406	137.8	12.6	130	2.95	50.1	9.9	<0.2	2.5	139.3	0.1	6.97	0.2
A-10-72				2695973	24.9	400	135.2	12	127	2.89	49.1	9.4	<0.2	2.4	137.3	0.1	7.26	0.19
A-10-72	296.27	296.55	0.28	2695974	2709.5	662	558.5	22.2	260	4.25	143.4	26.9	<0.2	5.2	146.7	10.74	12.91	0.37
A-10-72	296.55	296.77	0.22	2695975	2025.2	424	253.1	10.8	49	1.53	37	15.2	<0.2	4.8	28.2	9.76	7.95	0.25
A-10-72	296.77	297.00	0.23	2695976	3703.7	1056	924.8	29	98	5.21	257.9	36.5	<0.2	4.8	107.7	14.97	29.48	0.47
A-10-72	297.00	297.50	0.50	2695977	1082.3	437	194.6	11.7	176	1.92	48	13.6	2	3.1	124.2	4.48	7.5	0.21
A-10-72	297.50	298.02	0.52	2695978	9.6	770	175.6	11.4	49	2.79	81	21.7	1.8	2.7	30	0.06	16.26	0.22
A-10-72	301.57	302.00	0.43	2695979	6.8	329	80	17.5	103	2.18	18.5	2.6	1.9	5	46.2	0.02	3.47	0.27
A-10-72	302.00	302.50	0.50	2695980	6.7	281	83.1	18.1	88	2.18	22.4	2.9	2.1	4.8	24.1	0.02	3.25	0.27
A-10-72	302.50	303.00	0.50	2695981	6	328	81	16.8	105	2.11	17.8	2.8	1.9	4.6	32.2	0.05	3.48	0.25
A-10-72	303.00	303.50	0.50	2695982	6.6	283	73.3	15.4	107	1.93	14.8	2.8	0.5	4.9	35.8	0.02	3	0.26
A-10-72				2695983	34	48	5	8.3	392	2.72	0.3	0.8	2	2.6	75.5	0.04	0.05	0.05

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
A-10-72	283.50	284.00	0.50	2695894	119	0.79	0.068	5.1	7.9	0.14	45.6	0.005	<20	0.51	0.005	0.31	<0.1	2.9
A-10-72	284.00	284.50	0.50	2695895	147	0.7	0.074	7.1	8.7	0.13	116.5	0.005	<20	0.53	0.006	0.33	<0.1	3
A-10-72	284.50	285.00	0.50	2695896	57	0.75	0.042	4	5.8	0.08	66.2	0.003	<20	0.33	0.004	0.21	<0.1	1.8
A-10-72	285.00	285.50	0.50	2695897	110	0.26	0.055	7	8.3	0.08	48.3	0.004	<20	0.47	0.004	0.3	<0.1	2.3
A-10-72	285.50	286.00	0.50	2695898	106	0.31	0.045	5.3	5.7	0.05	35.6	0.003	<20	0.35	0.002	0.22	<0.1	2
A-10-72	286.00	286.50	0.50	2695899	154	0.66	0.047	7.2	6.5	0.06	233.3	0.004	<20	0.36	0.002	0.23	<0.1	2.2
A-10-72	286.50	287.00	0.50	2695900	158	0.27	0.053	7.3	7.6	0.07	49	0.004	<20	0.47	0.004	0.29	<0.1	2.4
A-10-72	287.00	287.57	0.57	2695951	139	0.28	0.046	8.2	6.7	0.06	63.6	0.004	<20	0.41	0.003	0.25	<0.1	2.1
A-10-72	287.57	288.29	0.72	2695952	44	3.24	0.196	5.1	5.8	0.12	14.6	0.006	<20	0.53	0.004	0.31	<0.1	4.1
A-10-72			0.00	2695953	89	0.8	0.055	6.2	9.6	0.69	112.3	0.105	<20	1.42	0.151	0.19	2.1	2.1
A-10-72	288.29	288.65	0.36	2695954	162	0.14	0.052	7.4	7.5	0.06	112.5	0.004	<20	0.42	0.003	0.27	<0.1	2.5
A-10-72	288.65	289.10	0.45	2695955	189	0.25	0.069	6.7	7.4	0.07	92.1	0.004	<20	0.46	0.003	0.28	<0.1	2.5
A-10-72	289.10	289.69	0.59	2695956	171	0.15	0.057	8.2	7.3	0.06	143.9	0.004	<20	0.43	0.003	0.27	<0.1	2.4
A-10-72	289.69	290.00	0.31	2695957	59	0.94	0.141	5	6.8	0.09	22.9	0.004	<20	0.5	0.004	0.3	<0.1	2.9
A-10-72	290.00	290.50	0.50	2695958	117	0.42	0.046	5.6	6	0.06	32.8	0.004	<20	0.38	0.002	0.25	<0.1	2.1
A-10-72	290.50	291.00	0.50	2695959	155	0.23	0.043	5.8	6.9	0.06	33	0.004	<20	0.43	0.003	0.27	<0.1	2
A-10-72	291.00	291.50	0.50	2695960	213	0.35	0.05	7.6	9.3	0.08	62.9	0.005	<20	0.52	0.003	0.32	<0.1	2.5
A-10-72	291.50	292.00	0.50	2695961	201	0.34	0.045	7.5	8	0.07	168.5	0.004	<20	0.47	0.003	0.3	<0.1	2.2
A-10-72	292.00	292.75	0.75	2695962	167	0.23	0.059	9.4	7	0.07	217.5	0.004	<20	0.46	0.003	0.29	<0.1	2.3
A-10-72				2695963	40	1.68	0.045	3.6	43.7	1.71	32.1	0.009	<20	1.45	0.011	0.11	0.7	3.2
A-10-72	292.75	293.00	0.25	2695964	87	0.73	0.166	5.6	8.2	0.1	23.6	0.005	<20	0.6	0.004	0.36	<0.1	3.2
A-10-72	293.00	293.55	0.55	2695965	35	0.44	0.054	6.1	6.5	0.07	43	0.003	<20	0.44	0.003	0.29	<0.1	2.3
A-10-72	293.55	293.75	0.20	2695966	56	0.64	0.155	6.3	7.5	0.09	28.8	0.005	<20	0.53	0.004	0.32	<0.1	2.5
A-10-72	293.75	294.00	0.25	2695967	33	22.07	0.029	11.4	3.7	0.39	39.8	0.002	<20	0.22	0.005	0.13	<0.1	2.3
A-10-72	294.00	294.50	0.50	2695968	63	0.65	0.046	4.6	7.4	0.09	44.8	0.005	<20	0.38	0.003	0.23	<0.1	1.8
A-10-72	294.50	295.00	0.50	2695969	47	6.43	0.045	5	6.4	0.24	32.9	0.004	<20	0.35	0.004	0.21	<0.1	2.4
A-10-72	295.00	295.50	0.50	2695970	53	1.7	0.049	4.4	7.1	0.18	29.8	0.005	<20	0.4	0.003	0.23	<0.1	2.2
A-10-72	295.50	296.00	0.50	2695971	62	1.21	0.09	4.7	7.8	0.09	52.8	0.005	<20	0.5	0.004	0.3	<0.1	2.1
A-10-72	296.00	296.27	0.27	2695972	32	3.62	0.033	3.2	5.9	0.12	30.3	0.003	<20	0.47	0.003	0.33	<0.1	2.3
A-10-72				2695973	31	3.51	0.033	3.4	5.9	0.11	30.9	0.003	<20	0.46	0.003	0.32	<0.1	2.3
A-10-72	296.27	296.55	0.28	2695974	40	2.52	0.161	7.9	5.2	0.13	19.8	0.005	<20	0.61	0.004	0.37	<0.1	4.4
A-10-72	296.55	296.77	0.22	2695975	116	0.3	0.053	11.4	6.3	0.08	186.6	0.004	<20	0.47	0.003	0.32	<0.1	2.5
A-10-72	296.77	297.00	0.23	2695976	48	1.01	0.32	7.2	7	0.12	16.3	0.007	<20	0.67	0.005	0.38	<0.1	3.1
A-10-72	297.00	297.50	0.50	2695977	85	4.08	0.059	6.4	6.8	0.13	45.1	0.004	<20	0.52	0.004	0.34	<0.1	2.5
A-10-72	297.50	298.02	0.52	2695978	88	0.3	0.056	6	8.9	0.13	56.3	0.006	<20	0.53	0.005	0.31	<0.1	2.1
A-10-72	301.57	302.00	0.43	2695979	36	0.56	0.068	7.5	8.6	0.16	72.8	0.004	25	0.77	0.005	0.52	<0.1	4
A-10-72	302.00	302.50	0.50	2695980	27	0.27	0.035	9	7.1	0.12	88.5	0.004	<20	0.67	0.005	0.48	<0.1	3.2
A-10-72	302.50	303.00	0.50	2695981	30	0.39	0.04	7.6	7.2	0.13	90.6	0.004	<20	0.67	0.004	0.47	<0.1	3.4
A-10-72	303.00	303.50	0.50	2695982	35	0.42	0.043	8.1	8.2	0.16	92.4	0.004	<20	0.74	0.005	0.51	<0.1	3.7
A-10-72				2695983	96	0.89	0.058	6.5	9.8	0.75	125.1	0.114	<20	1.55	0.175	0.2	2	2.3

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-10-72	283.50	284.00	0.50	2695894	0.68	2.58	115	10.5	0.15	1.5	2.89	<0.1	0.46	0.03	16.1	0.4	<0.05	18.2
A-10-72	284.00	284.50	0.50	2695895	0.46	1.7	112	7.5	0.11	1.6	2.9	<0.1	0.36	<0.02	16.5	0.3	<0.05	16.3
A-10-72	284.50	285.00	0.50	2695896	0.43	2.21	75	7.7	0.08	1	1.55	<0.1	0.24	<0.02	10	0.3	<0.05	9.5
A-10-72	285.00	285.50	0.50	2695897	0.73	2.3	142	11.5	0.1	1.3	1.61	<0.1	0.31	<0.02	13.3	0.3	<0.05	14.9
A-10-72	285.50	286.00	0.50	2695898	1.19	2.7	226	12.3	0.1	1	1.48	<0.1	0.32	0.02	10.4	0.3	<0.05	13.6
A-10-72	286.00	286.50	0.50	2695899	0.55	1.24	170	9.4	0.13	1.1	1.59	<0.1	0.28	<0.02	11.5	0.3	<0.05	12.8
A-10-72	286.50	287.00	0.50	2695900	0.83	2.3	189	10.8	0.11	1.3	1.97	<0.1	0.35	0.03	13.9	0.3	<0.05	16.5
A-10-72	287.00	287.57	0.57	2695951	0.6	1.68	244	10.1	0.14	1.5	1.55	<0.1	0.3	0.02	12.3	0.4	<0.05	14.9
A-10-72	287.57	288.29	0.72	2695952	4.24	6.33	350	27.4	0.18	1.6	1.79	<0.1	0.49	0.06	10.7	0.4	<0.05	17.6
A-10-72			0.00	2695953	0.05	<0.02	7	<0.1	<0.02	4.1	0.27	<0.1	0.08	0.09	5.9	0.3	<0.05	1.5
A-10-72	288.29	288.65	0.36	2695954	0.71	1.85	275	12	0.12	1.5	2.07	<0.1	0.31	<0.02	13.8	0.5	<0.05	15.9
A-10-72	288.65	289.10	0.45	2695955	0.73	1.78	251	12.9	0.11	1.5	2	<0.1	0.31	<0.02	13.5	0.4	<0.05	15.8
A-10-72	289.10	289.69	0.59	2695956	0.57	1.41	225	10.6	0.1	1.4	1.86	<0.1	0.31	<0.02	13.5	0.3	<0.05	15.3
A-10-72	289.69	290.00	0.31	2695957	2.69	4.16	284	22	0.22	1.4	1.96	<0.1	0.34	0.02	12.8	0.3	<0.05	16.2
A-10-72	290.00	290.50	0.50	2695958	0.9	2.89	212	15.4	0.1	1.2	1.43	<0.1	0.34	0.02	11.5	0.3	<0.05	14.9
A-10-72	290.50	291.00	0.50	2695959	0.94	3.36	193	16.9	0.16	1.2	1.69	<0.1	0.32	0.03	12.8	0.2	<0.05	15.2
A-10-72	291.00	291.50	0.50	2695960	0.6	2.16	209	15.3	0.16	1.6	1.85	<0.1	0.31	0.02	15.7	0.4	<0.05	15.5
A-10-72	291.50	292.00	0.50	2695961	0.33	1.39	179	11.6	0.1	1.4	1.66	<0.1	0.29	<0.02	14.3	0.4	<0.05	13.8
A-10-72	292.00	292.75	0.75	2695962	0.61	1.25	182	10.5	0.12	1.4	1.93	<0.1	0.38	<0.02	14.4	0.4	<0.05	15.8
A-10-72				2695963	8.61	8.07	8010	40.1	0.32	7.2	0.47	0.2	0.11	0.03	4	17.4	<0.05	3.4
A-10-72	292.75	293.00	0.25	2695964	4.51	4.14	353	28.3	0.24	1.7	2.86	<0.1	0.2	0.02	16.8	0.5	<0.05	13.2
A-10-72	293.00	293.55	0.55	2695965	1.02	2.77	220	12.9	0.13	1.2	1.7	<0.1	0.35	<0.02	12.9	0.3	<0.05	15.3
A-10-72	293.55	293.75	0.20	2695966	4.09	3.39	260	16.4	0.26	1.5	2.26	<0.1	0.28	<0.02	14.9	0.3	<0.05	13.8
A-10-72	293.75	294.00	0.25	2695967	0.46	1.99	83	4.8	0.11	0.6	1.1	<0.1	0.1	0.02	6.1	<0.1	<0.05	5.6
A-10-72	294.00	294.50	0.50	2695968	0.72	2.43	212	6.3	0.16	1.1	1.56	<0.1	0.29	0.03	11.2	0.2	<0.05	11.8
A-10-72	294.50	295.00	0.50	2695969	0.82	2.66	226	6.4	0.14	1	1.57	<0.1	0.23	0.02	9.6	0.2	<0.05	9.8
A-10-72	295.00	295.50	0.50	2695970	0.81	3.34	268	8.8	0.14	1.2	1.66	<0.1	0.27	0.03	11.4	0.2	<0.05	12.7
A-10-72	295.50	296.00	0.50	2695971	1.88	3.07	238	13.8	0.2	1.4	1.93	<0.1	0.35	0.03	13.7	0.2	<0.05	15.1
A-10-72	296.00	296.27	0.27	2695972	0.83	3.31	160	12.8	0.07	1.2	1.82	<0.1	0.28	<0.02	13.9	0.2	<0.05	13.4
A-10-72				2695973	0.87	3.23	150	12.7	0.12	1.2	1.84	<0.1	0.33	<0.02	14	0.2	<0.05	13.3
A-10-72	296.27	296.55	0.28	2695974	4.38	4.94	305	31.8	0.17	1.8	3.28	<0.1	0.48	0.04	13.5	0.5	<0.05	17.5
A-10-72	296.55	296.77	0.22	2695975	0.88	1.69	200	11.4	0.16	1.5	2.2	<0.1	0.44	<0.02	15.5	0.4	<0.05	19.5
A-10-72	296.77	297.00	0.23	2695976	7.96	6.05	485	38.5	0.39	2.1	2.39	<0.1	0.12	0.08	15.9	0.5	<0.05	10.2
A-10-72	297.00	297.50	0.50	2695977	0.97	2.14	168	12.1	0.15	1.5	2.11	<0.1	0.35	<0.02	15.4	0.3	<0.05	15.2
A-10-72	297.50	298.02	0.52	2695978	0.83	2.93	226	12.9	0.16	1.5	1.96	<0.1	0.37	0.02	14.6	0.3	<0.05	15.5
A-10-72	301.57	302.00	0.43	2695979	0.68	2.21	93	7.2	0.07	2	4.22	<0.1	0.22	<0.02	25.5	0.3	<0.05	11
A-10-72	302.00	302.50	0.50	2695980	0.39	2.29	84	4.9	0.06	1.7	3.9	<0.1	0.27	<0.02	23.2	0.4	<0.05	10.7
A-10-72	302.50	303.00	0.50	2695981	0.57	2.15	84	4.6	0.09	1.6	3.63	<0.1	0.22	<0.02	22	0.3	<0.05	10
A-10-72	303.00	303.50	0.50	2695982	0.64	1.94	74	4.1	0.06	1.9	4	<0.1	0.25	<0.02	24.4	0.4	<0.05	10.4
A-10-72				2695983	0.05	<0.02	<5	<0.1	<0.02	4.8	0.29	<0.1	0.09	0.07	6.4	0.3	<0.05	1.6

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	LF301	SPG01	WGHT
					Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB	PPM	NONE	KG
A-10-72	283.50	284.00	0.50	2695894	11.17	9.9	0.02	48	0.5	9.5	<10	<2	7039	2.64	1.39
A-10-72	284.00	284.50	0.50	2695895	12.59	13.4	0.04	40	0.6	9	<10	<2	6592	2.59	1.6
A-10-72	284.50	285.00	0.50	2695896	7.28	8	<0.02	40	0.2	4.6	<10	<2	5211	2.6	1.7
A-10-72	285.00	285.50	0.50	2695897	9.5	12.2	<0.02	69	0.8	4.6	<10	<2	8452	2.59	1.79
A-10-72	285.50	286.00	0.50	2695898	9.38	9	<0.02	66	0.3	2.6	<10	<2	8651	2.51	2.36
A-10-72	286.00	286.50	0.50	2695899	10.24	11.9	0.04	44	0.2	3	<10	<2	7186	2.51	1.44
A-10-72	286.50	287.00	0.50	2695900	11.62	12.5	0.04	78	0.3	4.1	<10	5	8512	2.54	1.42
A-10-72	287.00	287.57	0.57	2695951	9.6	13.5	0.04	64	0.3	3.4	<10	<2	7401	2.57	1.44
A-10-72	287.57	288.29	0.72	2695952	25.81	13.8	0.04	262	0.5	3.9	<10	3	24534	2.73	2.32
A-10-72			0.00	2695953	3.77	13.1	<0.02	2	<0.1	5.2	<10	<2	560	I.S.	0.02
A-10-72	288.29	288.65	0.36	2695954	10.74	12.5	0.04	53	0.6	3.6	<10	<2	6410	2.51	0.89
A-10-72	288.65	289.10	0.45	2695955	11.62	11.7	0.04	77	0.3	3.6	<10	<2	6818	2.58	1.31
A-10-72	289.10	289.69	0.59	2695956	10.89	13.3	0.04	58	0.5	3.5	<10	<2	6674	2.51	1.89
A-10-72	289.69	290.00	0.31	2695957	17.65	11.7	0.03	195	0.4	3.8	<10	3	12006	2.67	1.18
A-10-72	290.00	290.50	0.50	2695958	10.36	9.5	0.03	91	0.4	3.2	<10	<2	7071	2.6	2.24
A-10-72	290.50	291.00	0.50	2695959	14.66	9.6	<0.02	70	0.2	3.4	<10	4	4691	2.56	1.64
A-10-72	291.00	291.50	0.50	2695960	12.52	12.4	0.03	76	0.5	4.7	<10	<2	4344	2.55	1.97
A-10-72	291.50	292.00	0.50	2695961	9.95	12.3	0.03	46	0.4	4	<10	5	3940	2.55	1.91
A-10-72	292.00	292.75	0.75	2695962	11.35	14.9	0.04	69	0.4	3.8	<10	<2	4918	2.52	2.48
A-10-72				2695963	4.68	7	2.42	16	0.3	19	*	<2	655	I.S.	0.07
A-10-72	292.75	293.00	0.25	2695964	19.56	12	0.05	563	0.7	4.5	<10	7	8132	2.62	0.55
A-10-72	293.00	293.55	0.55	2695965	9.38	12	<0.02	98	0.5	3.5	<10	<2	6402	2.61	1.96
A-10-72	293.55	293.75	0.20	2695966	14.34	13.6	0.16	525	0.6	4.6	<10	5	6002	2.61	0.54
A-10-72	293.75	294.00	0.25	2695967	40.31	20.8	<0.02	42	0.3	4.9	<10	<2	7769	2.66	1.12
A-10-72	294.00	294.50	0.50	2695968	7.03	9.4	<0.02	73	0.3	4.6	<10	2	2766	2.6	1.49
A-10-72	294.50	295.00	0.50	2695969	15.75	9.4	<0.02	72	0.5	6	<10	4	3364	2.59	1.9
A-10-72	295.00	295.50	0.50	2695970	10.91	9.6	<0.02	88	0.3	6.5	<10	3	2248	2.55	2.13
A-10-72	295.50	296.00	0.50	2695971	11.43	10.2	<0.02	166	0.3	5.4	<10	5	3032	2.59	1.15
A-10-72	296.00	296.27	0.27	2695972	9.64	6.3	<0.02	64	0.3	4.3	<10	2	4346	2.66	1.08
A-10-72				2695973	9.22	6.4	<0.02	56	0.5	4.1	<10	<2	4261	2.66	
A-10-72	296.27	296.55	0.28	2695974	22.38	17.6	0.06	338	0.6	4.5	<10	6	8014	2.66	1.24
A-10-72	296.55	296.77	0.22	2695975	10.25	17.7	0.07	90	0.4	4.5	<10	4	3904	2.54	0.79
A-10-72	296.77	297.00	0.23	2695976	25.59	20.4	0.07	571	0.6	5.4	<10	6	6659	2.7	0.94
A-10-72	297.00	297.50	0.50	2695977	14.55	12.2	0.06	131	0.4	4.4	<10	<2	5198	2.57	1.85
A-10-72	297.50	298.02	0.52	2695978	8.56	12.5	<0.02	112	0.4	6.6	<10	5	1735	2.51	1.05
A-10-72	301.57	302.00	0.43	2695979	9.04	14.3	<0.02	33	0.6	7.1	<10	2	3525	2.63	1.63
A-10-72	302.00	302.50	0.50	2695980	6.53	16.3	<0.02	24	0.4	6.5	<10	2	3555	2.68	1.97
A-10-72	302.50	303.00	0.50	2695981	6.71	13.7	<0.02	25	0.4	6.1	<10	2	3441	2.66	1.84
A-10-72	303.00	303.50	0.50	2695982	7.01	15.3	<0.02	40	0.5	7.8	<10	2	3183	2.67	1.62
A-10-72				2695983	4.18	13.9	<0.02	<1	<0.1	5.6	<10	<2	552	I.S.	0.03

										AQ250	AQ250	AQ250
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	PPM	PPM	PPM
A-10-72	303.50	304.00	0.50	2695984	5SH				VAN18001868	9.71	48.66	25.98
A-10-72	304.00	304.50	0.50	2695985	5SH				VAN18001868	9.51	44.41	23.01
A-10-72	304.50	305.00	0.50	2695986	5SH				VAN18001868	11.15	54.18	21.62
A-10-73	305.00	305.50	0.5	2695987	5SH				VAN18001868	17.18	53.42	26.84
A-10-74	305.50	306.04	0.54	2695988	5SH				VAN18001868	13.42	52.78	19.33

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
A-10-72	303.50	304.00	0.50	2695984	6.6	203	79.4	17.8	88	2.18	17.5	1.9	1.2	4.7	25.7	0.03	3.09	0.26
A-10-72	304.00	304.50	0.50	2695985	6.4	197	70.3	15.6	109	2.09	14.1	2.2	<0.2	4.4	38.4	0.03	3.02	0.23
A-10-72	304.50	305.00	0.50	2695986	8.7	282	75.7	15.2	195	2.76	13	4.3	1.5	4.5	78.9	0.03	2.46	0.26
A-10-73	305.00	305.50	0.5	2695987	5.4	238	92.2	16	160	2.47	17.4	4.6	0.7	4.4	72.6	0.04	2.84	0.26
A-10-74	305.50	306.04	0.54	2695988	5.7	206	80.1	15	160	2.18	12.9	3.4	1.1	4.3	77	0.02	1.95	0.25

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
A-10-72	303.50	304.00	0.50	2695984	34	0.31	0.032	8.9	8.4	0.18	133.4	0.005	<20	0.76	0.005	0.51	<0.1	3.6
A-10-72	304.00	304.50	0.50	2695985	37	0.52	0.031	7.7	8.6	0.18	154.1	0.006	<20	0.76	0.004	0.5	<0.1	3.6
A-10-72	304.50	305.00	0.50	2695986	70	1.17	0.046	7.7	12.3	0.29	59.1	0.009	21	1.04	0.006	0.63	<0.1	5.2
A-10-73	305.00	305.50	0.5	2695987	47	1.05	0.032	6.8	8.6	0.19	61.4	0.005	<20	0.79	0.004	0.52	<0.1	4.3
A-10-74	305.50	306.04	0.54	2695988	59	0.98	0.033	7.9	10.2	0.2	52	0.006	<20	0.86	0.005	0.57	<0.1	4.2

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
					Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-10-72	303.50	304.00	0.50	2695984	0.68	2.14	62	2.6	0.06	2	4.63	<0.1	0.25	<0.02	25.5	0.4	<0.05	10.3
A-10-72	304.00	304.50	0.50	2695985	0.69	1.96	58	2.5	0.05	2.1	5.02	<0.1	0.26	<0.02	25.3	0.4	<0.05	9.8
A-10-72	304.50	305.00	0.50	2695986	0.77	2.41	63	4.5	0.05	2.8	6.85	<0.1	0.33	<0.02	33.8	0.4	<0.05	12.3
A-10-73	305.00	305.50	0.5	2695987	0.8	2.44	97	3.2	0.08	2	5.01	<0.1	0.3	<0.02	25.6	0.4	<0.05	13.4
A-10-74	305.50	306.04	0.54	2695988	0.67	2.06	80	3	0.08	2.3	4.93	<0.1	0.27	<0.02	28.1	0.4	<0.05	12.3

					AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	LF301	SPG01	WGHT
					Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB	PPM	NONE	KG
A-10-72	303.50	304.00	0.50	2695984	5.96	16.1	<0.02	27	0.5	8.9	<10	<2	2796	2.64	2.05
A-10-72	304.00	304.50	0.50	2695985	6.01	14.3	<0.02	31	0.5	8.5	<10	2	2695	2.62	1.89
A-10-72	304.50	305.00	0.50	2695986	9.29	15.5	<0.02	20	0.7	12.5	<10	3	2833	2.65	2.35
A-10-73	305.00	305.50	0.5	2695987	7.41	12.8	0.02	48	0.6	8.3	<10	<2	2938	2.62	1.49
A-10-74	305.50	306.04	0.54	2695988	7.44	15.1	<0.02	39	0.7	9.1	<10	<2	3255	2.63	1.91

APPENDIX 3
Analytical Certificates

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Submitted By: Nicholas Johnson
Receiving Lab: Canada-Vancouver
Received: July 25, 2018
Report Date: August 24, 2018
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN18001868.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: Akie 72-144
P.O. Number Akie
Number of Samples: 126

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT Dispose of Reject After 60 days

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
PRP70-250	114	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SPTRF	2	Split samples by riffle splitter			VAN
PUL85	2	Pulverize to 85% passing 200 mesh			VAN
SLBHP	10	Sort, label and box pulps			VAN
AQ250_EXT	45	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
AQ270	81	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	126	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	118	Specific Gravity on Pulp		Completed	VAN

ADDITIONAL COMMENTS

LF301-Ba data > 50000 ppm for informational purposes only.

Invoice To: ZincX Resources Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3
Canada

CC: Ken 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

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2695894	Drill Core	1.39	38.28	60.22	35.72	154.3	720	108.2	10.2	99	2.30	24.9	12.2	<0.2	4.3	85.8	1.40	7.41	0.19	119	0.79
2695895	Drill Core	1.60	35.78	44.42	25.47	711.9	533	92.2	8.9	81	1.53	18.1	11.6	<0.2	3.9	55.7	6.80	5.42	0.17	147	0.70
2695896	Drill Core	1.70	20.82	51.13	24.60	10.0	502	84.0	8.2	101	2.02	17.7	5.7	<0.2	2.7	82.4	0.08	5.54	0.13	57	0.75
2695897	Drill Core	1.79	49.31	53.02	36.78	5.2	579	119.2	10.0	61	2.08	23.1	12.5	0.5	3.9	27.3	0.07	7.64	0.18	110	0.26
2695898	Drill Core	2.36	68.21	51.10	53.88	315.9	578	147.8	8.7	39	2.38	33.7	18.1	<0.2	3.2	35.3	2.93	12.74	0.15	106	0.31
2695899	Drill Core	1.44	52.13	41.43	27.55	1678.0	418	97.2	6.9	78	1.09	20.6	17.4	<0.2	3.7	97.1	15.73	6.55	0.15	154	0.66
2695900	Drill Core	1.42	65.46	48.72	43.67	782.7	514	144.2	9.0	44	2.05	41.7	22.1	<0.2	4.3	35.7	7.57	8.97	0.19	158	0.27
2695951	Drill Core	1.44	57.87	35.37	24.97	3760.4	334	155.3	8.1	46	1.44	23.5	17.6	<0.2	3.9	35.1	32.56	5.24	0.16	139	0.28
2695952	Drill Core	2.32	84.39	60.00	68.95	1083.0	866	384.7	18.2	256	5.31	151.2	29.6	<0.2	5.1	165.0	8.09	16.81	0.34	44	3.24
2695953	Rock Pulp	0.02	1.59	46.13	3.24	31.6	40	4.6	7.7	358	2.53	0.5	0.8	0.2	2.3	67.8	0.02	0.04	0.05	89	0.80
2695954	Drill Core	0.89	60.89	36.18	37.34	4993.2	501	210.9	8.7	20	1.44	46.2	19.0	<0.2	4.3	16.6	33.35	10.80	0.17	162	0.14
2695955	Drill Core	1.31	62.03	36.24	22.96	5026.3	436	181.7	9.3	30	1.38	28.7	19.9	<0.2	4.1	26.9	35.46	5.85	0.18	189	0.25
2695956	Drill Core	1.89	54.66	31.51	20.71	5630.0	358	153.2	8.1	23	1.09	21.2	17.0	<0.2	4.1	18.6	36.54	5.27	0.17	171	0.15
2695957	Drill Core	1.18	59.33	71.01	51.04	558.1	739	307.9	18.2	109	3.60	105.8	23.6	0.3	3.5	92.3	3.90	13.00	0.28	59	0.94
2695958	Drill Core	2.24	67.84	52.02	36.40	2228.0	419	157.5	8.8	62	2.53	45.1	18.4	<0.2	3.7	46.5	16.16	8.63	0.17	117	0.42
2695959	Drill Core	1.64	62.28	67.72	62.97	358.2	640	204.1	9.0	32	2.99	96.8	27.8	<0.2	3.5	25.1	2.85	15.16	0.16	155	0.23
2695960	Drill Core	1.97	63.25	65.03	35.41	2749.5	445	144.5	9.2	51	1.91	41.0	26.0	<0.2	4.2	38.2	19.51	8.10	0.16	213	0.35
2695961	Drill Core	1.91	49.82	43.46	13.86	4657.6	290	83.1	7.7	42	1.15	9.8	18.3	<0.2	4.2	38.2	31.54	3.50	0.15	201	0.34
2695962	Drill Core	2.48	59.77	49.59	19.37	3761.8	332	122.5	9.0	26	1.05	20.5	19.5	<0.2	4.6	27.5	24.32	4.81	0.18	167	0.23
2695963	Rock Pulp	0.07	22.45	4236.64	>10000	>10000	>100000	33.9	25.3	996	9.33	608.1	1.1	145.0	0.8	35.1	199.63	89.38	11.03	40	1.68
2695964	Drill Core	0.55	98.42	110.04	51.78	3174.6	981	1090.8	29.5	78	3.51	161.6	27.8	<0.2	4.5	79.1	14.93	13.58	0.43	87	0.73
2695965	Drill Core	1.96	40.51	70.50	37.61	44.0	655	205.1	15.6	68	2.53	51.7	12.2	<0.2	3.6	37.2	0.21	9.70	0.26	35	0.44
2695966	Drill Core	0.54	92.48	95.53	39.20	830.5	715	859.0	26.0	70	3.04	136.4	19.8	<0.2	3.5	69.6	5.29	12.68	0.49	56	0.64
2695967	Drill Core	1.12	13.58	32.87	17.22	11.9	287	48.2	5.0	779	2.19	13.4	7.8	<0.2	0.9	668.6	0.05	4.31	0.07	33	22.07
2695968	Drill Core	1.49	42.60	67.93	53.50	7.5	798	98.0	8.8	63	2.30	31.5	15.3	<0.2	2.1	41.9	0.06	13.26	0.21	63	0.65
2695969	Drill Core	1.90	43.65	60.17	49.59	11.0	747	83.0	8.0	291	2.56	28.4	18.3	<0.2	1.4	245.3	0.05	12.55	0.19	47	6.43
2695970	Drill Core	2.13	53.73	80.67	55.98	12.4	809	115.7	9.6	141	3.12	39.5	18.8	<0.2	1.9	85.3	0.05	15.23	0.21	53	1.70
2695971	Drill Core	1.15	61.99	70.79	44.37	189.8	703	211.7	12.9	109	2.87	93.7	20.3	<0.2	2.5	122.5	0.82	16.49	0.24	62	1.21
2695972	Drill Core	1.08	24.42	57.08	32.15	26.8	406	137.8	12.6	130	2.95	50.1	9.9	<0.2	2.5	139.3	0.10	6.97	0.20	32	3.62
2695973	Pulp DUP		24.30	55.92	30.96	24.9	400	135.2	12.0	127	2.89	49.1	9.4	<0.2	2.4	137.3	0.10	7.26	0.19	31	3.51

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2695894	Drill Core	0.068	5.1	7.9	0.14	45.6	0.005	<20	0.51	0.005	0.31	<0.1	2.9	0.68	2.58	115	10.5	0.15	1.5	2.89	<0.1
2695895	Drill Core	0.074	7.1	8.7	0.13	116.5	0.005	<20	0.53	0.006	0.33	<0.1	3.0	0.46	1.70	112	7.5	0.11	1.6	2.90	<0.1
2695896	Drill Core	0.042	4.0	5.8	0.08	66.2	0.003	<20	0.33	0.004	0.21	<0.1	1.8	0.43	2.21	75	7.7	0.08	1.0	1.55	<0.1
2695897	Drill Core	0.055	7.0	8.3	0.08	48.3	0.004	<20	0.47	0.004	0.30	<0.1	2.3	0.73	2.30	142	11.5	0.10	1.3	1.61	<0.1
2695898	Drill Core	0.045	5.3	5.7	0.05	35.6	0.003	<20	0.35	0.002	0.22	<0.1	2.0	1.19	2.70	226	12.3	0.10	1.0	1.48	<0.1
2695899	Drill Core	0.047	7.2	6.5	0.06	233.3	0.004	<20	0.36	0.002	0.23	<0.1	2.2	0.55	1.24	170	9.4	0.13	1.1	1.59	<0.1
2695900	Drill Core	0.053	7.3	7.6	0.07	49.0	0.004	<20	0.47	0.004	0.29	<0.1	2.4	0.83	2.30	189	10.8	0.11	1.3	1.97	<0.1
2695951	Drill Core	0.046	8.2	6.7	0.06	63.6	0.004	<20	0.41	0.003	0.25	<0.1	2.1	0.60	1.68	244	10.1	0.14	1.5	1.55	<0.1
2695952	Drill Core	0.196	5.1	5.8	0.12	14.6	0.006	<20	0.53	0.004	0.31	<0.1	4.1	4.24	6.33	350	27.4	0.18	1.6	1.79	<0.1
2695953	Rock Pulp	0.055	6.2	9.6	0.69	112.3	0.105	<20	1.42	0.151	0.19	2.1	2.1	0.05	<0.02	7	<0.1	<0.02	4.1	0.27	<0.1
2695954	Drill Core	0.052	7.4	7.5	0.06	112.5	0.004	<20	0.42	0.003	0.27	<0.1	2.5	0.71	1.85	275	12.0	0.12	1.5	2.07	<0.1
2695955	Drill Core	0.069	6.7	7.4	0.07	92.1	0.004	<20	0.46	0.003	0.28	<0.1	2.5	0.73	1.78	251	12.9	0.11	1.5	2.00	<0.1
2695956	Drill Core	0.057	8.2	7.3	0.06	143.9	0.004	<20	0.43	0.003	0.27	<0.1	2.4	0.57	1.41	225	10.6	0.10	1.4	1.86	<0.1
2695957	Drill Core	0.141	5.0	6.8	0.09	22.9	0.004	<20	0.50	0.004	0.30	<0.1	2.9	2.69	4.16	284	22.0	0.22	1.4	1.96	<0.1
2695958	Drill Core	0.046	5.6	6.0	0.06	32.8	0.004	<20	0.38	0.002	0.25	<0.1	2.1	0.90	2.89	212	15.4	0.10	1.2	1.43	<0.1
2695959	Drill Core	0.043	5.8	6.9	0.06	33.0	0.004	<20	0.43	0.003	0.27	<0.1	2.0	0.94	3.36	193	16.9	0.16	1.2	1.69	<0.1
2695960	Drill Core	0.050	7.6	9.3	0.08	62.9	0.005	<20	0.52	0.003	0.32	<0.1	2.5	0.60	2.16	209	15.3	0.16	1.6	1.85	<0.1
2695961	Drill Core	0.045	7.5	8.0	0.07	168.5	0.004	<20	0.47	0.003	0.30	<0.1	2.2	0.33	1.39	179	11.6	0.10	1.4	1.66	<0.1
2695962	Drill Core	0.059	9.4	7.0	0.07	217.5	0.004	<20	0.46	0.003	0.29	<0.1	2.3	0.61	1.25	182	10.5	0.12	1.4	1.93	<0.1
2695963	Rock Pulp	0.045	3.6	43.7	1.71	32.1	0.009	<20	1.45	0.011	0.11	0.7	3.2	8.61	8.07	8010	40.1	0.32	7.2	0.47	0.2
2695964	Drill Core	0.166	5.6	8.2	0.10	23.6	0.005	<20	0.60	0.004	0.36	<0.1	3.2	4.51	4.14	353	28.3	0.24	1.7	2.86	<0.1
2695965	Drill Core	0.054	6.1	6.5	0.07	43.0	0.003	<20	0.44	0.003	0.29	<0.1	2.3	1.02	2.77	220	12.9	0.13	1.2	1.70	<0.1
2695966	Drill Core	0.155	6.3	7.5	0.09	28.8	0.005	<20	0.53	0.004	0.32	<0.1	2.5	4.09	3.39	260	16.4	0.26	1.5	2.26	<0.1
2695967	Drill Core	0.029	11.4	3.7	0.39	39.8	0.002	<20	0.22	0.005	0.13	<0.1	2.3	0.46	1.99	83	4.8	0.11	0.6	1.10	<0.1
2695968	Drill Core	0.046	4.6	7.4	0.09	44.8	0.005	<20	0.38	0.003	0.23	<0.1	1.8	0.72	2.43	212	6.3	0.16	1.1	1.56	<0.1
2695969	Drill Core	0.045	5.0	6.4	0.24	32.9	0.004	<20	0.35	0.004	0.21	<0.1	2.4	0.82	2.66	226	6.4	0.14	1.0	1.57	<0.1
2695970	Drill Core	0.049	4.4	7.1	0.18	29.8	0.005	<20	0.40	0.003	0.23	<0.1	2.2	0.81	3.34	268	8.8	0.14	1.2	1.66	<0.1
2695971	Drill Core	0.090	4.7	7.8	0.09	52.8	0.005	<20	0.50	0.004	0.30	<0.1	2.1	1.88	3.07	238	13.8	0.20	1.4	1.93	<0.1
2695972	Drill Core	0.033	3.2	5.9	0.12	30.3	0.003	<20	0.47	0.003	0.33	<0.1	2.3	0.83	3.31	160	12.8	0.07	1.2	1.82	<0.1
2695973	Pulp DUP	0.033	3.4	5.9	0.11	30.9	0.003	<20	0.46	0.003	0.32	<0.1	2.3	0.87	3.23	150	12.7	0.12	1.2	1.84	<0.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

Method		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2695894	Drill Core	0.46	0.03	16.1	0.4	<0.05	18.2	11.17	9.9	0.02	48	0.5	9.5	<10	<2						
2695895	Drill Core	0.36	<0.02	16.5	0.3	<0.05	16.3	12.59	13.4	0.04	40	0.6	9.0	<10	<2						
2695896	Drill Core	0.24	<0.02	10.0	0.3	<0.05	9.5	7.28	8.0	<0.02	40	0.2	4.6	<10	<2						
2695897	Drill Core	0.31	<0.02	13.3	0.3	<0.05	14.9	9.50	12.2	<0.02	69	0.8	4.6	<10	<2						
2695898	Drill Core	0.32	0.02	10.4	0.3	<0.05	13.6	9.38	9.0	<0.02	66	0.3	2.6	<10	<2						
2695899	Drill Core	0.28	<0.02	11.5	0.3	<0.05	12.8	10.24	11.9	0.04	44	0.2	3.0	<10	<2						
2695900	Drill Core	0.35	0.03	13.9	0.3	<0.05	16.5	11.62	12.5	0.04	78	0.3	4.1	<10	5						
2695951	Drill Core	0.30	0.02	12.3	0.4	<0.05	14.9	9.60	13.5	0.04	64	0.3	3.4	<10	<2						
2695952	Drill Core	0.49	0.06	10.7	0.4	<0.05	17.6	25.81	13.8	0.04	262	0.5	3.9	<10	3						
2695953	Rock Pulp	0.08	0.09	5.9	0.3	<0.05	1.5	3.77	13.1	<0.02	2	<0.1	5.2	<10	<2						
2695954	Drill Core	0.31	<0.02	13.8	0.5	<0.05	15.9	10.74	12.5	0.04	53	0.6	3.6	<10	<2						
2695955	Drill Core	0.31	<0.02	13.5	0.4	<0.05	15.8	11.62	11.7	0.04	77	0.3	3.6	<10	<2						
2695956	Drill Core	0.31	<0.02	13.5	0.3	<0.05	15.3	10.89	13.3	0.04	58	0.5	3.5	<10	<2						
2695957	Drill Core	0.34	0.02	12.8	0.3	<0.05	16.2	17.65	11.7	0.03	195	0.4	3.8	<10	3						
2695958	Drill Core	0.34	0.02	11.5	0.3	<0.05	14.9	10.36	9.5	0.03	91	0.4	3.2	<10	<2						
2695959	Drill Core	0.32	0.03	12.8	0.2	<0.05	15.2	14.66	9.6	<0.02	70	0.2	3.4	<10	4						
2695960	Drill Core	0.31	0.02	15.7	0.4	<0.05	15.5	12.52	12.4	0.03	76	0.5	4.7	<10	<2						
2695961	Drill Core	0.29	<0.02	14.3	0.4	<0.05	13.8	9.95	12.3	0.03	46	0.4	4.0	<10	5						
2695962	Drill Core	0.38	<0.02	14.4	0.4	<0.05	15.8	11.35	14.9	0.04	69	0.4	3.8	<10	<2						
2695963	Rock Pulp	0.11	0.03	4.0	17.4	<0.05	3.4	4.68	7.0	2.42	16	0.3	19.0	*	<2						
2695964	Drill Core	0.20	0.02	16.8	0.5	<0.05	13.2	19.56	12.0	0.05	563	0.7	4.5	<10	7						
2695965	Drill Core	0.35	<0.02	12.9	0.3	<0.05	15.3	9.38	12.0	<0.02	98	0.5	3.5	<10	<2						
2695966	Drill Core	0.28	<0.02	14.9	0.3	<0.05	13.8	14.34	13.6	0.16	525	0.6	4.6	<10	5						
2695967	Drill Core	0.10	0.02	6.1	<0.1	<0.05	5.6	40.31	20.8	<0.02	42	0.3	4.9	<10	<2						
2695968	Drill Core	0.29	0.03	11.2	0.2	<0.05	11.8	7.03	9.4	<0.02	73	0.3	4.6	<10	2						
2695969	Drill Core	0.23	0.02	9.6	0.2	<0.05	9.8	15.75	9.4	<0.02	72	0.5	6.0	<10	4						
2695970	Drill Core	0.27	0.03	11.4	0.2	<0.05	12.7	10.91	9.6	<0.02	88	0.3	6.5	<10	3						
2695971	Drill Core	0.35	0.03	13.7	0.2	<0.05	15.1	11.43	10.2	<0.02	166	0.3	5.4	<10	5						
2695972	Drill Core	0.28	<0.02	13.9	0.2	<0.05	13.4	9.64	6.3	<0.02	64	0.3	4.3	<10	2						
2695973	Pulp DUP	0.33	<0.02	14.0	0.2	<0.05	13.3	9.22	6.4	<0.02	56	0.5	4.1	<10	<2						

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2695894	Drill Core																				
2695895	Drill Core																				
2695896	Drill Core																				
2695897	Drill Core																				
2695898	Drill Core																				
2695899	Drill Core																				
2695900	Drill Core																				
2695951	Drill Core																				
2695952	Drill Core																				
2695953	Rock Pulp																				
2695954	Drill Core																				
2695955	Drill Core																				
2695956	Drill Core																				
2695957	Drill Core																				
2695958	Drill Core																				
2695959	Drill Core																				
2695960	Drill Core																				
2695961	Drill Core																				
2695962	Drill Core																				
2695963	Rock Pulp																				
2695964	Drill Core																				
2695965	Drill Core																				
2695966	Drill Core																				
2695967	Drill Core																				
2695968	Drill Core																				
2695969	Drill Core																				
2695970	Drill Core																				
2695971	Drill Core																				
2695972	Drill Core																				
2695973	Pulp DUP																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2695894	Drill Core									7039	2.64
2695895	Drill Core									6592	2.59
2695896	Drill Core									5211	2.60
2695897	Drill Core									8452	2.59
2695898	Drill Core									8651	2.51
2695899	Drill Core									7186	2.51
2695900	Drill Core									8512	2.54
2695951	Drill Core									7401	2.57
2695952	Drill Core									24534	2.73
2695953	Rock Pulp									560	I.S.
2695954	Drill Core									6410	2.51
2695955	Drill Core									6818	2.58
2695956	Drill Core									6674	2.51
2695957	Drill Core									12006	2.67
2695958	Drill Core									7071	2.60
2695959	Drill Core									4691	2.56
2695960	Drill Core									4344	2.55
2695961	Drill Core									3940	2.55
2695962	Drill Core									4918	2.52
2695963	Rock Pulp									655	I.S.
2695964	Drill Core									8132	2.62
2695965	Drill Core									6402	2.61
2695966	Drill Core									6002	2.61
2695967	Drill Core									7769	2.66
2695968	Drill Core									2766	2.60
2695969	Drill Core									3364	2.59
2695970	Drill Core									2248	2.55
2695971	Drill Core									3032	2.59
2695972	Drill Core									4346	2.66
2695973	Pulp DUP									4261	2.66

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2695974	Drill Core	1.24	78.11	61.43	41.59	2709.5	662	558.5	22.2	260	4.25	143.4	26.9	<0.2	5.2	146.7	10.74	12.91	0.37	40	2.52
2695975	Drill Core	0.79	70.41	46.67	24.77	2025.2	424	253.1	10.8	49	1.53	37.0	15.2	<0.2	4.8	28.2	9.76	7.95	0.25	116	0.30
2695976	Drill Core	0.94	103.62	80.05	63.62	3703.7	1056	924.8	29.0	98	5.21	257.9	36.5	<0.2	4.8	107.7	14.97	29.48	0.47	48	1.01
2695977	Drill Core	1.85	61.55	51.68	22.87	1082.3	437	194.6	11.7	176	1.92	48.0	13.6	2.0	3.1	124.2	4.48	7.50	0.21	85	4.08
2695978	Drill Core	1.05	57.98	91.57	45.88	9.6	770	175.6	11.4	49	2.79	81.0	21.7	1.8	2.7	30.0	0.06	16.26	0.22	88	0.30
2695979	Drill Core	1.63	9.40	53.42	24.96	6.8	329	80.0	17.5	103	2.18	18.5	2.6	1.9	5.0	46.2	0.02	3.47	0.27	36	0.56
2695980	Drill Core	1.97	10.35	58.13	24.61	6.7	281	83.1	18.1	88	2.18	22.4	2.9	2.1	4.8	24.1	0.02	3.25	0.27	27	0.27
2695981	Drill Core	1.84	9.72	51.56	23.82	6.0	328	81.0	16.8	105	2.11	17.8	2.8	1.9	4.6	32.2	0.05	3.48	0.25	30	0.39
2695982	Drill Core	1.62	11.81	51.63	21.59	6.6	283	73.3	15.4	107	1.93	14.8	2.8	0.5	4.9	35.8	0.02	3.00	0.26	35	0.42
2695983	Rock Pulp	0.03	1.56	48.37	3.22	34.0	48	5.0	8.3	392	2.72	0.3	0.8	2.0	2.6	75.5	0.04	0.05	0.05	96	0.89
2695984	Drill Core	2.05	9.71	48.66	25.98	6.6	203	79.4	17.8	88	2.18	17.5	1.9	1.2	4.7	25.7	0.03	3.09	0.26	34	0.31
2695985	Drill Core	1.89	9.51	44.41	23.01	6.4	197	70.3	15.6	109	2.09	14.1	2.2	<0.2	4.4	38.4	0.03	3.02	0.23	37	0.52
2695986	Drill Core	2.35	11.15	54.18	21.62	8.7	282	75.7	15.2	195	2.76	13.0	4.3	1.5	4.5	78.9	0.03	2.46	0.26	70	1.17
2695987	Drill Core	1.49	17.18	53.42	26.84	5.4	238	92.2	16.0	160	2.47	17.4	4.6	0.7	4.4	72.6	0.04	2.84	0.26	47	1.05
2695988	Drill Core	1.91	13.42	52.78	19.33	5.7	206	80.1	15.0	160	2.18	12.9	3.4	1.1	4.3	77.0	0.02	1.95	0.25	59	0.98
2695751	Drill Core	1.51																			
2695752	Drill Core	0.94																			
2695753	Rock Pulp	0.06																			
2695754	Drill Core	2.19																			
2695755	Drill Core	3.77																			
2695756	Drill Core	3.68																			
2695757	Drill Core	3.99																			
2695758	Drill Core	2.27																			
2695759	Drill Core	1.69																			
2695760	Drill Core	2.02																			
2695761	Drill Core	1.20																			
2695762	Drill Core	3.37																			
2695763	Core DUP																				
2695764	Drill Core	2.11																			
2695765	Drill Core	1.54																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2695974	Drill Core	0.161	7.9	5.2	0.13	19.8	0.005	<20	0.61	0.004	0.37	<0.1	4.4	4.38	4.94	305	31.8	0.17	1.8	3.28	<0.1
2695975	Drill Core	0.053	11.4	6.3	0.08	186.6	0.004	<20	0.47	0.003	0.32	<0.1	2.5	0.88	1.69	200	11.4	0.16	1.5	2.20	<0.1
2695976	Drill Core	0.320	7.2	7.0	0.12	16.3	0.007	<20	0.67	0.005	0.38	<0.1	3.1	7.96	6.05	485	38.5	0.39	2.1	2.39	<0.1
2695977	Drill Core	0.059	6.4	6.8	0.13	45.1	0.004	<20	0.52	0.004	0.34	<0.1	2.5	0.97	2.14	168	12.1	0.15	1.5	2.11	<0.1
2695978	Drill Core	0.056	6.0	8.9	0.13	56.3	0.006	<20	0.53	0.005	0.31	<0.1	2.1	0.83	2.93	226	12.9	0.16	1.5	1.96	<0.1
2695979	Drill Core	0.068	7.5	8.6	0.16	72.8	0.004	25	0.77	0.005	0.52	<0.1	4.0	0.68	2.21	93	7.2	0.07	2.0	4.22	<0.1
2695980	Drill Core	0.035	9.0	7.1	0.12	88.5	0.004	<20	0.67	0.005	0.48	<0.1	3.2	0.39	2.29	84	4.9	0.06	1.7	3.90	<0.1
2695981	Drill Core	0.040	7.6	7.2	0.13	90.6	0.004	<20	0.67	0.004	0.47	<0.1	3.4	0.57	2.15	84	4.6	0.09	1.6	3.63	<0.1
2695982	Drill Core	0.043	8.1	8.2	0.16	92.4	0.004	<20	0.74	0.005	0.51	<0.1	3.7	0.64	1.94	74	4.1	0.06	1.9	4.00	<0.1
2695983	Rock Pulp	0.058	6.5	9.8	0.75	125.1	0.114	<20	1.55	0.175	0.20	2.0	2.3	0.05	<0.02	<5	<0.1	<0.02	4.8	0.29	<0.1
2695984	Drill Core	0.032	8.9	8.4	0.18	133.4	0.005	<20	0.76	0.005	0.51	<0.1	3.6	0.68	2.14	62	2.6	0.06	2.0	4.63	<0.1
2695985	Drill Core	0.031	7.7	8.6	0.18	154.1	0.006	<20	0.76	0.004	0.50	<0.1	3.6	0.69	1.96	58	2.5	0.05	2.1	5.02	<0.1
2695986	Drill Core	0.046	7.7	12.3	0.29	59.1	0.009	21	1.04	0.006	0.63	<0.1	5.2	0.77	2.41	63	4.5	0.05	2.8	6.85	<0.1
2695987	Drill Core	0.032	6.8	8.6	0.19	61.4	0.005	<20	0.79	0.004	0.52	<0.1	4.3	0.80	2.44	97	3.2	0.08	2.0	5.01	<0.1
2695988	Drill Core	0.033	7.9	10.2	0.20	52.0	0.006	<20	0.86	0.005	0.57	<0.1	4.2	0.67	2.06	80	3.0	0.08	2.3	4.93	<0.1
2695751	Drill Core																				
2695752	Drill Core																				
2695753	Rock Pulp																				
2695754	Drill Core																				
2695755	Drill Core																				
2695756	Drill Core																				
2695757	Drill Core																				
2695758	Drill Core																				
2695759	Drill Core																				
2695760	Drill Core																				
2695761	Drill Core																				
2695762	Drill Core																				
2695763	Core DUP																				
2695764	Drill Core																				
2695765	Drill Core																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2695974	Drill Core	0.48	0.04	13.5	0.5	<0.05	17.5	22.38	17.6	0.06	338	0.6	4.5	<10	6						
2695975	Drill Core	0.44	<0.02	15.5	0.4	<0.05	19.5	10.25	17.7	0.07	90	0.4	4.5	<10	4						
2695976	Drill Core	0.12	0.08	15.9	0.5	<0.05	10.2	25.59	20.4	0.07	571	0.6	5.4	<10	6						
2695977	Drill Core	0.35	<0.02	15.4	0.3	<0.05	15.2	14.55	12.2	0.06	131	0.4	4.4	<10	<2						
2695978	Drill Core	0.37	0.02	14.6	0.3	<0.05	15.5	8.56	12.5	<0.02	112	0.4	6.6	<10	5						
2695979	Drill Core	0.22	<0.02	25.5	0.3	<0.05	11.0	9.04	14.3	<0.02	33	0.6	7.1	<10	2						
2695980	Drill Core	0.27	<0.02	23.2	0.4	<0.05	10.7	6.53	16.3	<0.02	24	0.4	6.5	<10	2						
2695981	Drill Core	0.22	<0.02	22.0	0.3	<0.05	10.0	6.71	13.7	<0.02	25	0.4	6.1	<10	2						
2695982	Drill Core	0.25	<0.02	24.4	0.4	<0.05	10.4	7.01	15.3	<0.02	40	0.5	7.8	<10	2						
2695983	Rock Pulp	0.09	0.07	6.4	0.3	<0.05	1.6	4.18	13.9	<0.02	<1	<0.1	5.6	<10	<2						
2695984	Drill Core	0.25	<0.02	25.5	0.4	<0.05	10.3	5.96	16.1	<0.02	27	0.5	8.9	<10	<2						
2695985	Drill Core	0.26	<0.02	25.3	0.4	<0.05	9.8	6.01	14.3	<0.02	31	0.5	8.5	<10	2						
2695986	Drill Core	0.33	<0.02	33.8	0.4	<0.05	12.3	9.29	15.5	<0.02	20	0.7	12.5	<10	3						
2695987	Drill Core	0.30	<0.02	25.6	0.4	<0.05	13.4	7.41	12.8	0.02	48	0.6	8.3	<10	<2						
2695988	Drill Core	0.27	<0.02	28.1	0.4	<0.05	12.3	7.44	15.1	<0.02	39	0.7	9.1	<10	<2						
2695751	Drill Core															<0.5	6.5	5.1	15	<0.5	9.4
2695752	Drill Core															1.9	76.8	11.1	1169	1.3	49.3
2695753	Rock Pulp															9.8	32.1	2.4	28	<0.5	14.2
2695754	Drill Core															3.0	11.6	11.4	9	<0.5	14.9
2695755	Drill Core															0.7	14.8	17.9	29	<0.5	23.1
2695756	Drill Core															0.9	12.1	15.8	48	<0.5	19.0
2695757	Drill Core															1.2	13.9	18.9	25	<0.5	32.4
2695758	Drill Core															2.6	17.4	20.8	25	<0.5	31.4
2695759	Drill Core															1.9	112.9	17.1	57636	0.6	20.4
2695760	Drill Core															7.4	11.8	21.8	79	<0.5	35.5
2695761	Drill Core															2.8	73.4	18.2	31283	0.6	30.5
2695762	Drill Core															3.3	9.8	23.6	95	<0.5	27.8
2695763	Core DUP															3.4	9.8	24.2	82	<0.5	28.0
2695764	Drill Core															6.7	17.2	27.1	69	<0.5	31.3
2695765	Drill Core															5.3	13.4	24.9	46	<0.5	27.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2695974	Drill Core																				
2695975	Drill Core																				
2695976	Drill Core																				
2695977	Drill Core																				
2695978	Drill Core																				
2695979	Drill Core																				
2695980	Drill Core																				
2695981	Drill Core																				
2695982	Drill Core																				
2695983	Rock Pulp																				
2695984	Drill Core																				
2695985	Drill Core																				
2695986	Drill Core																				
2695987	Drill Core																				
2695988	Drill Core																				
2695751	Drill Core	4.1	275	1.46	<5	<0.5	3.8	110	<0.5	<0.5	<0.5	<10	9.75	0.022	13.7	3.7	4.73	96	0.003	0.24	<0.01
2695752	Drill Core	9.2	147	1.84	<5	3.5	6.3	79	6.4	1.5	<0.5	40	5.96	0.797	29.0	23.7	1.67	225	0.011	0.76	<0.01
2695753	Rock Pulp	4.0	478	2.59	<5	1.1	3.8	11	<0.5	<0.5	<0.5	19	0.18	0.025	7.4	24.8	0.30	203	0.114	0.67	0.11
2695754	Drill Core	6.3	264	1.23	<5	0.7	3.9	109	<0.5	0.9	<0.5	<10	9.71	0.032	14.2	4.9	3.82	68	0.003	0.28	<0.01
2695755	Drill Core	4.8	240	1.18	<5	0.7	5.2	79	<0.5	0.9	<0.5	<10	6.04	0.023	17.7	6.4	1.83	233	0.003	0.35	<0.01
2695756	Drill Core	4.7	244	1.18	<5	0.8	5.1	89	<0.5	0.6	<0.5	<10	6.62	0.021	20.9	5.1	1.95	244	0.003	0.32	<0.01
2695757	Drill Core	7.1	234	1.38	6	1.1	5.3	85	<0.5	1.4	<0.5	<10	6.17	0.021	21.2	5.5	1.93	284	0.004	0.35	<0.01
2695758	Drill Core	8.0	187	1.28	9	1.6	5.2	50	<0.5	2.3	<0.5	<10	3.32	0.020	14.8	6.3	1.31	362	0.003	0.33	<0.01
2695759	Drill Core	13.5	181	1.11	<5	3.9	2.6	42	447.6	1.9	<0.5	<10	5.31	0.012	5.6	3.9	0.65	1368	0.002	0.23	<0.01
2695760	Drill Core	7.7	234	1.24	8	1.5	4.3	95	<0.5	2.3	<0.5	24	5.58	0.025	13.8	6.0	1.49	441	0.003	0.34	<0.01
2695761	Drill Core	9.0	132	0.99	6	1.0	4.1	61	267.1	1.9	<0.5	15	2.70	0.045	8.1	6.6	0.90	1060	0.003	0.31	<0.01
2695762	Drill Core	5.9	324	1.55	6	1.0	3.8	107	<0.5	2.1	<0.5	15	7.57	0.027	12.5	4.6	1.72	361	0.003	0.31	<0.01
2695763	Core DUP	6.0	322	1.59	<5	1.0	3.4	105	<0.5	2.3	<0.5	14	7.50	0.025	11.6	4.6	1.69	362	0.003	0.28	<0.01
2695764	Drill Core	6.0	246	1.29	7	2.1	5.9	73	<0.5	2.6	<0.5	21	5.74	0.042	15.7	5.7	1.55	368	0.003	0.36	<0.01
2695765	Drill Core	6.4	227	1.14	8	1.8	5.1	79	<0.5	2.4	<0.5	18	5.28	0.015	17.8	5.6	1.39	4367	0.003	0.34	<0.01

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2695974	Drill Core									8014	2.66
2695975	Drill Core									3904	2.54
2695976	Drill Core									6659	2.70
2695977	Drill Core									5198	2.57
2695978	Drill Core									1735	2.51
2695979	Drill Core									3525	2.63
2695980	Drill Core									3555	2.68
2695981	Drill Core									3441	2.66
2695982	Drill Core									3183	2.67
2695983	Rock Pulp									552	I.S.
2695984	Drill Core									2796	2.64
2695985	Drill Core									2695	2.62
2695986	Drill Core									2833	2.65
2695987	Drill Core									2938	2.62
2695988	Drill Core									3255	2.63
2695751	Drill Core	0.25	<0.5	<0.05	3.5	<0.5	0.51	<5	<2	859	2.69
2695752	Drill Core	0.52	<0.5	0.38	4.7	<0.5	1.53	<5	6	1436	2.66
2695753	Rock Pulp	0.48	<0.5	<0.05	4.3	<0.5	<0.05	<5	<2	917	I.S.
2695754	Drill Core	0.24	<0.5	0.07	4.3	<0.5	0.47	<5	<2	519	2.69
2695755	Drill Core	0.28	<0.5	0.07	3.9	<0.5	0.66	<5	<2	1967	2.68
2695756	Drill Core	0.26	<0.5	<0.05	4.3	<0.5	0.69	<5	<2	2176	2.69
2695757	Drill Core	0.28	<0.5	0.06	4.0	<0.5	1.02	<5	<2	2856	2.69
2695758	Drill Core	0.26	<0.5	0.16	3.8	<0.5	1.03	<5	<2	5108	2.65
2695759	Drill Core	0.10	<0.5	15.73	3.0	<0.5	3.80	11	<2	13897	2.80
2695760	Drill Core	0.19	<0.5	0.19	3.6	<0.5	1.02	<5	<2	4204	2.66
2695761	Drill Core	0.22	<0.5	7.09	2.6	<0.5	2.36	<5	<2	6881	2.73
2695762	Drill Core	0.22	<0.5	0.10	3.2	<0.5	1.15	<5	<2	2836	2.71
2695763	Core DUP	0.21	<0.5	0.09	3.0	<0.5	1.21	<5	<2	2788	2.71
2695764	Drill Core	0.26	1.0	0.11	4.0	<0.5	0.87	<5	<2	2810	2.67
2695765	Drill Core	0.24	<0.5	0.08	3.6	<0.5	0.81	<5	<2	17849	2.69

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2695766	Drill Core	4.09																			
2695767	Drill Core	3.73																			
2695768	Drill Core	1.78																			
2695769	Drill Core	1.94																			
2695770	Drill Core	3.71																			
2695771	Drill Core	2.95																			
2695772	Drill Core	3.24																			
2695773	Rock Pulp	0.07																			
2695774	Drill Core	3.91																			
2695775	Drill Core	3.67																			
2695776	Drill Core	3.14																			
2695777	Drill Core	2.68																			
2695778	Drill Core	2.44																			
2695779	Drill Core	3.65																			
2695780	Drill Core	3.74																			
2695781	Drill Core	3.35																			
2695782	Drill Core	3.71																			
2695783	Rock Pulp	0.02																			
2695784	Drill Core	4.18																			
2695785	Drill Core	3.87																			
2695786	Drill Core	3.47																			
2695787	Drill Core	2.40																			
2695788	Drill Core	3.93																			
2695789	Drill Core	2.64																			
2695790	Drill Core	2.56																			
2695791	Drill Core	2.68																			
2695792	Drill Core	3.17																			
2695793	Pulp DUP	<0.01																			
2695794	Drill Core	4.02																			
2695795	Drill Core	2.34																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2695766	Drill Core																				
2695767	Drill Core																				
2695768	Drill Core																				
2695769	Drill Core																				
2695770	Drill Core																				
2695771	Drill Core																				
2695772	Drill Core																				
2695773	Rock Pulp																				
2695774	Drill Core																				
2695775	Drill Core																				
2695776	Drill Core																				
2695777	Drill Core																				
2695778	Drill Core																				
2695779	Drill Core																				
2695780	Drill Core																				
2695781	Drill Core																				
2695782	Drill Core																				
2695783	Rock Pulp																				
2695784	Drill Core																				
2695785	Drill Core																				
2695786	Drill Core																				
2695787	Drill Core																				
2695788	Drill Core																				
2695789	Drill Core																				
2695790	Drill Core																				
2695791	Drill Core																				
2695792	Drill Core																				
2695793	Pulp DUP																				
2695794	Drill Core																				
2695795	Drill Core																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2695766	Drill Core															5.2	12.5	22.6	40	<0.5	22.5
2695767	Drill Core															4.2	14.0	20.9	37	<0.5	20.6
2695768	Drill Core															1.7	9.5	17.2	31	<0.5	17.7
2695769	Drill Core															9.1	18.2	24.5	147	<0.5	24.6
2695770	Drill Core															1.3	15.3	20.7	29	<0.5	21.8
2695771	Drill Core															0.6	11.1	18.8	29	<0.5	17.1
2695772	Drill Core															0.7	9.9	19.1	28	<0.5	15.9
2695773	Rock Pulp															23.4	3973.2	16806.4	31386	105.2	36.8
2695774	Drill Core															1.4	8.8	19.2	29	<0.5	15.3
2695775	Drill Core															2.2	12.8	21.1	131	<0.5	19.7
2695776	Drill Core															2.0	9.8	25.6	58	<0.5	34.6
2695777	Drill Core															3.0	14.6	20.8	61	<0.5	19.6
2695778	Drill Core															3.6	33.6	16.2	15330	<0.5	14.1
2695779	Drill Core															3.9	14.4	20.2	56	<0.5	22.9
2695780	Drill Core															1.1	14.9	18.8	405	<0.5	18.8
2695781	Drill Core															0.9	19.2	35.9	39	<0.5	23.4
2695782	Drill Core															0.9	14.2	22.5	26	<0.5	18.8
2695783	Rock Pulp															1.9	56.2	3.5	42	<0.5	5.8
2695784	Drill Core															<0.5	9.4	14.4	27	<0.5	16.2
2695785	Drill Core															0.6	13.0	17.2	30	<0.5	22.3
2695786	Drill Core															0.7	12.7	16.9	34	<0.5	22.2
2695787	Drill Core															<0.5	9.6	11.3	29	<0.5	17.2
2695788	Drill Core															0.6	12.3	21.0	31	<0.5	28.4
2695789	Drill Core															<0.5	7.8	13.0	22	<0.5	18.3
2695790	Drill Core															2.0	38.4	29.8	13499	<0.5	49.2
2695791	Drill Core															<0.5	8.8	11.4	121	<0.5	20.5
2695792	Drill Core															0.5	157.2	13.0	83218	0.6	15.9
2695793	Pulp DUP															0.6	159.4	12.9	82367	0.6	14.8
2695794	Drill Core															1.5	188.6	24.8	113259	0.7	11.8
2695795	Drill Core															1.2	3.2	8.7	1070	<0.5	30.7

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

		Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
		Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
		MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2695766	Drill Core		6.0	253	1.08	6	1.7	5.4	88	<0.5	2.4	<0.5	18	6.84	0.030	20.0	5.1	1.58	530	0.003	0.32	<0.01
2695767	Drill Core		5.2	268	1.19	5	1.0	5.3	99	<0.5	1.9	<0.5	22	7.72	0.032	17.8	5.6	1.81	255	0.003	0.33	<0.01
2695768	Drill Core		4.0	286	1.12	<5	0.8	5.1	109	<0.5	1.4	<0.5	14	8.35	0.063	21.0	5.3	2.10	235	0.003	0.31	<0.01
2695769	Drill Core		5.3	226	1.04	<5	1.4	5.5	83	1.1	1.9	<0.5	17	6.47	0.044	17.3	5.3	1.50	268	0.003	0.34	<0.01
2695770	Drill Core		4.7	192	0.99	<5	0.9	6.0	61	<0.5	1.1	<0.5	<10	4.48	0.030	18.4	5.6	1.36	230	0.002	0.34	<0.01
2695771	Drill Core		5.0	236	1.15	<5	0.7	5.4	97	<0.5	0.8	<0.5	<10	7.54	0.038	20.6	5.7	1.90	263	0.002	0.34	<0.01
2695772	Drill Core		4.8	247	1.06	<5	0.7	5.7	109	<0.5	0.7	<0.5	<10	7.19	0.044	21.7	5.7	2.03	314	0.003	0.34	<0.01
2695773	Rock Pulp		25.9	1007	9.29	586	1.1	1.1	39	209.3	159.8	12.0	36	1.66	0.043	7.3	45.7	1.62	259	0.012	1.38	0.01
2695774	Drill Core		4.0	371	1.60	<5	0.7	5.2	110	<0.5	1.0	<0.5	<10	8.81	0.038	21.3	5.4	2.40	225	0.002	0.29	<0.01
2695775	Drill Core		4.3	265	1.08	<5	0.9	5.9	70	0.7	1.4	<0.5	11	5.84	0.048	18.8	6.7	2.05	226	0.003	0.34	<0.01
2695776	Drill Core		4.9	382	1.76	<5	0.8	4.1	158	<0.5	1.8	<0.5	12	12.86	0.028	23.5	5.9	1.87	289	0.002	0.26	<0.01
2695777	Drill Core		5.2	213	0.96	5	0.9	6.0	69	<0.5	1.7	<0.5	13	5.34	0.043	20.8	6.7	1.74	224	0.003	0.36	<0.01
2695778	Drill Core		5.4	153	0.72	<5	0.9	3.4	108	123.8	1.4	<0.5	<10	6.27	0.029	11.3	4.6	0.79	178	0.002	0.24	<0.01
2695779	Drill Core		6.1	186	1.05	6	0.9	6.2	45	<0.5	1.4	<0.5	<10	3.29	0.035	22.9	6.2	1.17	243	0.003	0.36	<0.01
2695780	Drill Core		5.4	195	1.12	<5	0.8	5.8	47	2.2	0.9	<0.5	<10	3.42	0.034	16.9	4.7	1.15	246	0.002	0.31	<0.01
2695781	Drill Core		6.7	315	1.65	<5	1.0	7.4	72	<0.5	1.0	<0.5	<10	5.25	0.049	25.2	6.9	1.81	245	0.003	0.39	<0.01
2695782	Drill Core		5.1	294	1.34	<5	1.2	5.9	75	<0.5	0.8	<0.5	<10	5.52	0.036	20.3	5.3	1.64	230	0.002	0.32	<0.01
2695783	Rock Pulp		9.4	442	2.84	<5	0.8	2.5	84	<0.5	<0.5	<0.5	96	0.98	0.062	7.8	11.5	0.72	135	0.142	1.62	0.19
2695784	Drill Core		5.1	305	1.27	<5	1.9	6.2	96	<0.5	0.5	<0.5	<10	7.30	0.030	25.6	5.1	2.06	329	0.002	0.34	<0.01
2695785	Drill Core		5.3	281	1.11	<5	1.3	6.1	98	<0.5	0.8	<0.5	<10	7.15	0.033	24.2	4.8	1.76	299	0.002	0.31	<0.01
2695786	Drill Core		5.6	234	1.10	<5	1.7	6.2	82	<0.5	0.7	<0.5	<10	5.84	0.030	23.5	5.8	1.88	319	0.002	0.35	<0.01
2695787	Drill Core		4.0	207	0.95	<5	0.9	5.5	106	<0.5	0.5	<0.5	<10	6.11	0.033	18.8	3.7	1.83	316	0.002	0.28	<0.01
2695788	Drill Core		6.3	202	1.47	<5	1.0	5.4	77	<0.5	1.0	<0.5	<10	5.59	0.047	18.1	6.9	2.09	312	0.002	0.34	<0.01
2695789	Drill Core		3.8	197	1.06	<5	<0.5	4.8	78	<0.5	0.5	<0.5	<10	5.72	0.031	17.5	5.4	1.92	333	0.002	0.28	<0.01
2695790	Drill Core		6.7	134	1.41	6	1.3	5.8	47	169.5	1.2	<0.5	13	2.51	0.085	27.9	9.4	0.90	519	0.003	0.44	<0.01
2695791	Drill Core		4.9	190	1.25	<5	0.6	4.6	64	0.9	0.6	<0.5	<10	4.15	0.031	22.2	5.1	1.97	412	0.002	0.29	<0.01
2695792	Drill Core		6.6	106	0.75	<5	<0.5	2.4	62	817.1	1.7	<0.5	<10	3.38	0.018	7.0	5.3	0.87	312	0.002	0.21	<0.01
2695793	Pulp DUP		7.1	110	0.74	<5	<0.5	2.3	63	802.0	1.8	<0.5	<10	3.34	0.016	6.9	5.2	0.86	319	0.001	0.20	<0.01
2695794	Drill Core		11.8	106	0.47	<5	1.0	0.8	670	929.5	2.3	<0.5	16	13.97	0.005	4.3	2.6	0.27	213	0.001	0.09	<0.01
2695795	Drill Core		1.7	225	0.46	<5	2.1	<0.5	213	13.4	<0.5	<0.5	34	37.81	0.004	2.0	1.9	0.08	433	<0.001	0.03	<0.01

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2695766	Drill Core	0.25	<0.5	0.08	4.0	<0.5	0.62	<5	<2	2465	2.65
2695767	Drill Core	0.25	<0.5	<0.05	3.7	<0.5	0.59	<5	<2	1974	2.65
2695768	Drill Core	0.24	<0.5	<0.05	3.8	<0.5	0.51	<5	<2	1727	2.68
2695769	Drill Core	0.26	<0.5	<0.05	4.1	<0.5	0.58	<5	<2	1890	2.68
2695770	Drill Core	0.26	<0.5	0.05	3.8	<0.5	0.54	<5	<2	1822	2.64
2695771	Drill Core	0.25	<0.5	<0.05	3.7	<0.5	0.60	<5	<2	1691	2.69
2695772	Drill Core	0.26	<0.5	<0.05	4.0	<0.5	0.51	<5	<2	1721	2.70
2695773	Rock Pulp	0.14	0.7	8.05	3.9	8.6	8.22	7	37	700	I.S.
2695774	Drill Core	0.22	<0.5	<0.05	3.2	<0.5	0.96	<5	<2	1526	2.71
2695775	Drill Core	0.26	<0.5	0.05	3.0	<0.5	0.53	<5	<2	1732	2.67
2695776	Drill Core	0.19	<0.5	<0.05	3.0	<0.5	1.48	<5	<2	1547	2.72
2695777	Drill Core	0.28	<0.5	0.08	3.6	<0.5	0.52	<5	<2	1630	2.68
2695778	Drill Core	0.18	<0.5	2.37	1.8	<0.5	1.16	<5	<2	1118	2.67
2695779	Drill Core	0.28	<0.5	0.08	3.2	<0.5	0.65	<5	<2	1670	2.65
2695780	Drill Core	0.23	<0.5	0.07	2.7	<0.5	0.74	<5	<2	1652	2.66
2695781	Drill Core	0.30	<0.5	0.05	4.1	<0.5	0.99	<5	<2	1739	2.69
2695782	Drill Core	0.24	<0.5	0.06	3.9	<0.5	0.76	<5	<2	1440	2.61
2695783	Rock Pulp	0.21	2.5	<0.05	2.8	<0.5	<0.05	5	<2	567	I.S.
2695784	Drill Core	0.25	<0.5	<0.05	3.8	<0.5	0.63	<5	<2	1594	2.62
2695785	Drill Core	0.22	<0.5	<0.05	3.3	<0.5	0.70	<5	<2	1710	2.63
2695786	Drill Core	0.24	<0.5	0.07	3.4	<0.5	0.73	<5	<2	1942	2.64
2695787	Drill Core	0.21	<0.5	<0.05	3.8	<0.5	0.70	<5	<2	2180	2.71
2695788	Drill Core	0.24	<0.5	<0.05	3.7	<0.5	1.35	<5	<2	2395	2.65
2695789	Drill Core	0.20	<0.5	0.06	3.5	<0.5	0.90	<5	<2	2541	2.67
2695790	Drill Core	0.27	<0.5	3.95	2.7	<0.5	1.98	<5	<2	3691	2.67
2695791	Drill Core	0.18	<0.5	0.13	2.8	<0.5	1.12	<5	<2	2892	2.69
2695792	Drill Core	0.10	<0.5	24.50	1.6	<0.5	4.70	8	<2	1792	2.76
2695793	Pulp DUP	0.10	<0.5	24.61	1.4	<0.5	4.63	9	<2	1767	2.74
2695794	Drill Core	0.04	<0.5	27.46	0.6	<0.5	6.02	7	3	21132	2.89
2695795	Drill Core	0.02	<0.5	0.27	1.1	<0.5	0.53	<5	<2	601	2.62

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2695796	Drill Core	2.32																			
2695797	Drill Core	1.95																			
2695798	Drill Core	2.53																			
2695799	Drill Core	3.32																			
2695800	Drill Core	2.33																			
2695801	Drill Core	3.78																			
2695802	Drill Core	3.80																			
2695803	Rock Pulp	0.07																			
2695804	Drill Core	3.33																			
2695805	Drill Core	3.92																			
2695806	Drill Core	3.83																			
2695807	Drill Core	4.10																			
2695808	Drill Core	3.69																			
2695809	Drill Core	3.91																			
2695810	Drill Core	3.67																			
2695811	Drill Core	3.73																			
2695812	Drill Core	3.81																			
2695813	Rock Pulp	0.06																			
2695814	Drill Core	4.01																			
2695815	Drill Core	3.53																			
2695816	Drill Core	3.45																			
2695817	Drill Core	2.99																			
2695818	Drill Core	3.49																			
2695819	Drill Core	3.20																			
2695820	Drill Core	3.92																			
2695821	Drill Core	4.07																			
2695822	Drill Core	3.30																			
2695823	Core DUP																				
2695824	Drill Core	3.09																			
2695825	Drill Core	3.03																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2695796	Drill Core																				
2695797	Drill Core																				
2695798	Drill Core																				
2695799	Drill Core																				
2695800	Drill Core																				
2695801	Drill Core																				
2695802	Drill Core																				
2695803	Rock Pulp																				
2695804	Drill Core																				
2695805	Drill Core																				
2695806	Drill Core																				
2695807	Drill Core																				
2695808	Drill Core																				
2695809	Drill Core																				
2695810	Drill Core																				
2695811	Drill Core																				
2695812	Drill Core																				
2695813	Rock Pulp																				
2695814	Drill Core																				
2695815	Drill Core																				
2695816	Drill Core																				
2695817	Drill Core																				
2695818	Drill Core																				
2695819	Drill Core																				
2695820	Drill Core																				
2695821	Drill Core																				
2695822	Drill Core																				
2695823	Core DUP																				
2695824	Drill Core																				
2695825	Drill Core																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2695796	Drill Core															3.1	3.6	12.7	397	<0.5	17.9
2695797	Drill Core															3.3	8.7	31.9	4117	<0.5	15.5
2695798	Drill Core															3.9	2.3	13.5	326	<0.5	34.3
2695799	Drill Core															1.8	1.7	7.1	285	<0.5	9.2
2695800	Drill Core															5.8	2.6	21.2	363	<0.5	23.4
2695801	Drill Core															4.8	1.5	29.2	222	<0.5	18.3
2695802	Drill Core															1.9	0.7	4.3	124	<0.5	10.2
2695803	Rock Pulp															21.7	3937.5	16473.8	31314	103.0	35.8
2695804	Drill Core															2.6	2.3	8.5	523	<0.5	12.1
2695805	Drill Core															1.2	0.7	2.7	59	<0.5	12.5
2695806	Drill Core															1.6	0.8	9.9	61	<0.5	15.8
2695807	Drill Core															2.4	1.3	2.4	215	<0.5	16.5
2695808	Drill Core															1.7	1.0	2.6	71	<0.5	12.6
2695809	Drill Core															1.1	1.8	2.5	10	<0.5	11.1
2695810	Drill Core															2.0	2.8	3.0	37	<0.5	16.6
2695811	Drill Core															0.6	1.4	8.9	263	<0.5	6.4
2695812	Drill Core															1.5	1.9	2.2	15	<0.5	8.1
2695813	Rock Pulp															9.7	30.8	2.3	28	<0.5	14.1
2695814	Drill Core															1.0	2.0	2.2	40	<0.5	4.8
2695815	Drill Core															0.9	1.6	2.0	11	<0.5	4.8
2695816	Drill Core															10.4	26.9	20.2	33	<0.5	52.0
2695817	Drill Core															11.9	39.0	17.5	13	0.5	54.3
2695818	Drill Core															19.4	45.4	26.8	12	0.7	68.1
2695819	Drill Core															16.7	43.9	24.1	14	0.8	59.1
2695820	Drill Core															13.1	39.7	17.6	23	0.9	61.5
2695821	Drill Core															10.1	37.8	18.6	12	0.8	52.2
2695822	Drill Core															121.6	58.9	15.6	51	<0.5	145.6
2695823	Core DUP															122.7	62.9	15.4	50	<0.5	148.8
2695824	Drill Core															168.2	46.4	16.5	24	<0.5	159.0
2695825	Drill Core															67.8	135.7	19.5	50	<0.5	115.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

		Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
		Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
		MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2695796	Drill Core		2.0	183	0.79	<5	1.8	<0.5	204	4.0	0.6	<0.5	13	39.32	0.004	2.4	2.0	0.09	386	<0.001	0.03	<0.01
2695797	Drill Core		1.6	160	1.32	<5	1.9	<0.5	201	39.4	0.7	<0.5	21	37.68	0.003	2.6	2.4	0.09	1566	<0.001	0.02	<0.01
2695798	Drill Core		1.1	123	0.40	<5	2.2	<0.5	440	2.7	0.6	<0.5	28	37.75	0.003	2.3	2.1	0.19	646	<0.001	0.04	<0.01
2695799	Drill Core		0.8	57	0.16	<5	1.9	<0.5	330	1.7	<0.5	<0.5	<10	39.38	0.003	2.6	1.6	0.27	326	<0.001	0.04	<0.01
2695800	Drill Core		1.4	56	0.32	6	2.0	0.7	335	3.0	0.6	<0.5	12	38.53	0.003	3.7	2.6	0.28	479	<0.001	0.06	<0.01
2695801	Drill Core		0.9	61	0.18	<5	2.1	<0.5	327	1.7	<0.5	<0.5	16	39.28	0.002	2.9	2.4	0.29	383	<0.001	0.04	<0.01
2695802	Drill Core		<0.5	50	0.07	<5	1.5	<0.5	298	0.7	<0.5	<0.5	13	>40	0.003	2.1	1.6	0.25	341	<0.001	0.01	<0.01
2695803	Rock Pulp		25.4	993	9.20	567	1.1	1.1	36	204.8	149.4	11.6	37	1.64	0.048	7.0	46.3	1.62	241	0.012	1.40	0.01
2695804	Drill Core		1.1	59	0.26	<5	1.3	<0.5	286	3.4	<0.5	<0.5	13	39.32	0.004	2.2	1.5	0.20	492	<0.001	0.02	<0.01
2695805	Drill Core		0.8	45	0.10	<5	1.5	<0.5	365	<0.5	<0.5	<0.5	16	39.75	0.004	1.8	1.8	0.27	471	<0.001	0.02	<0.01
2695806	Drill Core		0.8	39	0.10	<5	2.0	<0.5	457	<0.5	<0.5	<0.5	21	39.55	0.002	1.5	1.4	0.29	532	<0.001	0.02	<0.01
2695807	Drill Core		1.0	40	0.15	<5	1.7	<0.5	345	1.4	<0.5	<0.5	13	39.65	0.006	2.3	1.8	0.28	428	<0.001	0.03	<0.01
2695808	Drill Core		0.8	50	0.14	<5	1.4	<0.5	620	<0.5	<0.5	<0.5	14	36.46	0.005	2.7	1.7	0.29	524	<0.001	0.03	<0.01
2695809	Drill Core		<0.5	36	0.19	<5	1.0	<0.5	352	<0.5	<0.5	<0.5	11	33.78	0.002	0.8	0.8	0.27	317	<0.001	0.02	<0.01
2695810	Drill Core		0.7	45	0.25	<5	1.4	<0.5	379	<0.5	<0.5	<0.5	13	34.40	0.004	1.7	1.4	0.43	297	<0.001	0.03	<0.01
2695811	Drill Core		<0.5	51	0.13	<5	1.0	<0.5	398	4.0	<0.5	<0.5	<10	34.52	0.002	0.7	0.6	0.33	230	<0.001	0.01	<0.01
2695812	Drill Core		0.6	79	0.29	<5	1.1	<0.5	411	<0.5	<0.5	<0.5	<10	34.40	0.002	0.8	0.8	0.36	236	<0.001	0.02	<0.01
2695813	Rock Pulp		3.5	445	2.41	<5	1.1	3.6	7	<0.5	<0.5	<0.5	20	0.20	0.023	7.1	22.8	0.27	199	0.110	0.61	0.08
2695814	Drill Core		<0.5	156	0.34	<5	1.1	<0.5	412	<0.5	<0.5	<0.5	<10	32.23	0.010	2.7	0.8	0.29	309	<0.001	0.02	<0.01
2695815	Drill Core		0.6	153	0.41	<5	0.7	<0.5	443	<0.5	<0.5	<0.5	<10	34.62	0.003	1.0	1.0	0.30	189	<0.001	0.02	<0.01
2695816	Drill Core		6.1	80	1.95	15	1.6	4.5	63	<0.5	5.5	<0.5	40	1.27	0.047	9.2	7.5	0.05	685	0.002	0.37	<0.01
2695817	Drill Core		6.8	106	2.13	17	1.8	5.3	91	<0.5	10.4	<0.5	41	1.47	0.044	10.2	7.9	0.08	614	0.002	0.44	<0.01
2695818	Drill Core		9.1	80	2.72	22	2.3	5.6	41	<0.5	9.3	<0.5	30	0.62	0.049	10.7	8.5	0.08	506	0.002	0.47	<0.01
2695819	Drill Core		9.2	55	2.05	20	1.9	6.1	24	<0.5	10.1	<0.5	27	0.36	0.051	11.7	6.6	0.05	449	0.002	0.45	<0.01
2695820	Drill Core		7.6	104	2.50	17	1.6	5.9	57	<0.5	11.3	<0.5	69	0.78	0.051	14.6	13.8	0.07	662	0.003	0.73	<0.01
2695821	Drill Core		7.6	75	2.27	16	1.4	6.0	49	<0.5	9.6	<0.5	31	0.65	0.055	11.0	6.9	0.06	441	0.002	0.46	<0.01
2695822	Drill Core		12.2	274	3.80	42	25.5	3.8	276	<0.5	11.3	<0.5	148	4.78	0.060	7.3	26.6	1.32	72	0.003	1.85	<0.01
2695823	Core DUP		13.6	275	3.77	42	25.4	3.9	266	<0.5	11.9	<0.5	147	4.60	0.063	7.3	25.1	1.29	70	0.002	1.79	<0.01
2695824	Drill Core		17.3	50	2.29	29	34.0	4.8	24	<0.5	13.9	<0.5	57	0.40	0.053	8.6	11.6	0.39	109	0.002	0.88	<0.01
2695825	Drill Core		10.1	119	6.25	40	13.3	4.4	96	<0.5	11.9	<0.5	41	1.71	0.045	4.7	7.8	0.24	106	0.002	0.63	<0.01

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2695796	Drill Core	0.02	<0.5	0.16	0.9	<0.5	0.90	<5	<2	590	2.67
2695797	Drill Core	<0.01	<0.5	0.74	1.3	<0.5	1.77	<5	<2	9640	2.71
2695798	Drill Core	0.02	<0.5	0.13	1.3	<0.5	0.45	<5	<2	793	2.59
2695799	Drill Core	0.02	<0.5	0.10	0.7	<0.5	0.19	<5	<2	405	2.61
2695800	Drill Core	0.03	<0.5	0.18	1.3	<0.5	0.38	<5	<2	809	2.63
2695801	Drill Core	0.02	<0.5	0.07	0.9	<0.5	0.19	<5	<2	474	2.59
2695802	Drill Core	<0.01	<0.5	0.09	<0.5	<0.5	0.07	<5	<2	345	2.62
2695803	Rock Pulp	0.13	0.7	7.85	3.7	8.4	8.12	7	35	671	I.S.
2695804	Drill Core	0.01	<0.5	0.10	0.5	<0.5	0.26	<5	<2	579	2.64
2695805	Drill Core	0.01	<0.5	0.05	0.7	<0.5	0.11	<5	<2	535	2.66
2695806	Drill Core	0.01	<0.5	0.06	0.5	<0.5	0.10	<5	<2	546	2.63
2695807	Drill Core	0.02	<0.5	0.10	0.9	<0.5	0.17	<5	<2	635	2.60
2695808	Drill Core	0.02	<0.5	0.06	0.5	<0.5	0.14	<5	<2	576	2.59
2695809	Drill Core	<0.01	<0.5	<0.05	<0.5	<0.5	0.19	<5	<2	417	2.62
2695810	Drill Core	0.02	<0.5	<0.05	0.5	<0.5	0.26	<5	<2	435	2.59
2695811	Drill Core	<0.01	<0.5	0.06	0.6	<0.5	0.14	<5	<2	268	2.65
2695812	Drill Core	<0.01	<0.5	<0.05	0.8	<0.5	0.27	<5	<2	324	2.70
2695813	Rock Pulp	0.46	<0.5	<0.05	4.0	<0.5	<0.05	<5	<2	951	I.S.
2695814	Drill Core	<0.01	<0.5	<0.05	1.0	<0.5	0.27	<5	<2	460	2.66
2695815	Drill Core	0.01	<0.5	<0.05	<0.5	<0.5	0.32	<5	<2	258	2.66
2695816	Drill Core	0.24	<0.5	0.11	2.1	0.6	1.91	<5	2	6952	2.61
2695817	Drill Core	0.26	<0.5	0.08	2.3	0.9	2.15	<5	<2	4891	2.63
2695818	Drill Core	0.31	<0.5	0.22	2.2	0.9	2.94	<5	<2	4442	2.63
2695819	Drill Core	0.29	<0.5	0.22	2.1	0.8	2.29	<5	<2	4346	2.59
2695820	Drill Core	0.43	<0.5	0.12	2.7	0.7	2.39	<5	4	3768	2.62
2695821	Drill Core	0.29	<0.5	0.13	2.5	0.6	2.44	<5	<2	3838	2.62
2695822	Drill Core	0.18	<0.5	0.10	3.9	1.2	1.68	<5	5	444	2.44
2695823	Core DUP	0.17	<0.5	0.11	3.8	1.3	1.69	<5	4	461	2.44
2695824	Drill Core	0.25	<0.5	0.13	2.6	1.6	1.72	<5	4	910	2.44
2695825	Drill Core	0.20	<0.5	0.14	2.0	1.0	6.52	<5	6	797	2.62

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2695826	Drill Core	2.95																			
2695827	Drill Core	3.32																			
2695828	Drill Core	2.08																			
2695829	Drill Core	3.69																			
2695830	Drill Core	3.76																			
2695831	Drill Core	3.69																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2695826	Drill Core																					
2695827	Drill Core																					
2695828	Drill Core																					
2695829	Drill Core																					
2695830	Drill Core																					
2695831	Drill Core																					

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2695826	Drill Core															32.4	40.3	24.9	21	0.5	72.9
2695827	Drill Core															33.5	36.9	24.0	37	<0.5	78.3
2695828	Drill Core															38.3	39.2	21.1	21	<0.5	91.4
2695829	Drill Core															45.5	33.3	24.9	30	0.8	45.1
2695830	Drill Core															35.7	44.8	12.0	1804	1.1	82.9
2695831	Drill Core															14.8	25.2	7.9	216	2.3	50.7

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2695826	Drill Core	6.6	81	3.38	33	4.7	4.0	53	<0.5	12.0	<0.5	33	0.91	0.037	7.2	7.5	0.23	104	0.002	0.62	<0.01
2695827	Drill Core	7.7	76	2.80	29	4.0	4.5	35	<0.5	11.8	<0.5	38	0.56	0.044	9.0	8.9	0.22	276	0.002	0.66	<0.01
2695828	Drill Core	8.2	59	2.43	42	6.1	6.9	28	<0.5	11.5	<0.5	49	0.44	0.093	14.2	9.3	0.20	117	0.002	0.67	<0.01
2695829	Drill Core	7.3	125	3.67	25	5.3	4.2	77	<0.5	13.7	<0.5	51	1.39	0.043	8.9	13.1	0.50	110	0.002	1.01	<0.01
2695830	Drill Core	7.4	60	1.75	19	5.4	5.2	24	21.7	11.4	<0.5	155	0.37	0.044	12.5	10.1	0.24	129	0.002	0.73	<0.01
2695831	Drill Core	5.3	205	1.92	9	1.6	3.8	280	3.1	6.7	<0.5	84	4.70	0.061	10.6	19.3	0.43	101	0.002	0.89	<0.01

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001868.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2695826	Drill Core	0.21	<0.5	0.15	1.8	0.6	3.27	<5	<2	808	2.56
2695827	Drill Core	0.25	<0.5	0.10	2.2	0.6	2.52	<5	<2	1019	2.61
2695828	Drill Core	0.24	<0.5	0.11	2.1	0.9	2.17	<5	2	953	2.59
2695829	Drill Core	0.23	<0.5	0.12	2.7	<0.5	2.95	<5	<2	790	2.59
2695830	Drill Core	0.25	<0.5	0.19	2.1	1.0	1.27	<5	13	912	2.53
2695831	Drill Core	0.20	<0.5	0.08	2.6	<0.5	0.90	<5	7	745	2.52

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																					
2695963	Rock Pulp	0.07	22.45	4236.64	>10000	>10000	>100000	33.9	25.3	996	9.33	608.1	1.1	145.0	0.8	35.1	199.63	89.38	11.03	40	1.68
REP 2695963	QC																				
2695976	Drill Core	0.94	103.62	80.05	63.62	3703.7	1056	924.8	29.0	98	5.21	257.9	36.5	<0.2	4.8	107.7	14.97	29.48	0.47	48	1.01
REP 2695976	QC		104.69	83.00	67.00	3773.8	1067	944.0	29.7	100	5.34	259.1	38.0	<0.2	4.8	111.3	15.19	28.90	0.48	47	1.02
2695760	Drill Core	2.02																			
REP 2695760	QC																				
2695782	Drill Core	3.71																			
REP 2695782	QC																				
2695795	Drill Core	2.34																			
REP 2695795	QC																				
2695823	Core DUP																				
REP 2695823	QC																				
Core Reject Duplicates																					
2695960	Drill Core	1.97	63.25	65.03	35.41	2749.5	445	144.5	9.2	51	1.91	41.0	26.0	<0.2	4.2	38.2	19.51	8.10	0.16	213	0.35
DUP 2695960	QC		63.20	63.67	36.27	2683.3	451	144.6	9.2	46	1.88	40.7	24.9	<0.2	4.2	39.3	19.34	8.63	0.17	193	0.34
2695756	Drill Core	3.68																			
DUP 2695756	QC																				
2695790	Drill Core	2.56																			
DUP 2695790	QC																				
2695824	Drill Core	3.09																			
DUP 2695824	QC																				
Reference Materials																					
STD DS11	Standard		13.12	142.44	133.66	331.2	1637	73.4	13.4	1023	3.07	41.4	2.4	64.5	7.3	62.9	2.32	5.77	10.69	49	1.04
STD DS11	Standard		15.87	149.57	138.73	345.5	1943	78.5	13.8	1085	3.19	46.7	2.5	68.6	8.2	68.3	2.33	6.47	11.45	51	1.09
STD DS11	Standard		13.79	146.13	132.00	336.6	1513	78.1	13.4	1032	3.13	42.7	2.4	56.2	7.3	64.3	2.47	6.45	11.17	53	1.06
STD DS11	Standard		14.32	150.26	135.43	339.6	1879	77.2	13.7	1050	3.17	43.8	2.7	63.1	7.4	64.4	2.44	5.82	10.75	50	1.08
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
2695963	Rock Pulp	0.045	3.6	43.7	1.71	32.1	0.009	<20	1.45	0.011	0.11	0.7	3.2	8.61	8.07	8010	40.1	0.32	7.2	0.47	0.2
REP 2695963	QC																				
2695976	Drill Core	0.320	7.2	7.0	0.12	16.3	0.007	<20	0.67	0.005	0.38	<0.1	3.1	7.96	6.05	485	38.5	0.39	2.1	2.39	<0.1
REP 2695976	QC	0.311	7.0	7.0	0.12	16.1	0.007	<20	0.67	0.004	0.38	<0.1	3.2	7.94	6.20	473	39.4	0.37	2.1	2.30	0.1
2695760	Drill Core																				
REP 2695760	QC																				
2695782	Drill Core																				
REP 2695782	QC																				
2695795	Drill Core																				
REP 2695795	QC																				
2695823	Core DUP																				
REP 2695823	QC																				
Core Reject Duplicates																					
2695960	Drill Core	0.050	7.6	9.3	0.08	62.9	0.005	<20	0.52	0.003	0.32	<0.1	2.5	0.60	2.16	209	15.3	0.16	1.6	1.85	<0.1
DUP 2695960	QC	0.047	6.9	7.8	0.07	73.8	0.005	<20	0.47	0.003	0.29	<0.1	2.4	0.62	2.18	203	15.3	0.14	1.4	1.88	<0.1
2695756	Drill Core																				
DUP 2695756	QC																				
2695790	Drill Core																				
DUP 2695790	QC																				
2695824	Drill Core																				
DUP 2695824	QC																				
Reference Materials																					
STD DS11	Standard	0.073	17.0	55.8	0.83	358.1	0.087	<20	1.12	0.071	0.39	2.2	3.1	4.88	0.28	274	2.0	4.43	4.9	2.86	<0.1
STD DS11	Standard	0.074	18.9	59.6	0.87	403.2	0.094	<20	1.20	0.075	0.42	2.8	3.3	4.98	0.29	275	2.2	4.76	5.4	3.11	<0.1
STD DS11	Standard	0.074	17.5	57.2	0.83	401.7	0.090	<20	1.12	0.072	0.40	2.9	3.3	4.82	0.30	264	2.1	4.39	5.0	2.81	<0.1
STD DS11	Standard	0.073	18.0	58.7	0.85	370.7	0.095	<20	1.18	0.076	0.41	2.3	3.2	4.95	0.28	275	2.0	4.57	5.2	2.89	<0.1
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
Pulp Duplicates																					
2695963	Rock Pulp	0.11	0.03	4.0	17.4	<0.05	3.4	4.68	7.0	2.42	16	0.3	19.0	*	<2						
REP 2695963	QC																				
2695976	Drill Core	0.12	0.08	15.9	0.5	<0.05	10.2	25.59	20.4	0.07	571	0.6	5.4	<10	6						
REP 2695976	QC	0.11	0.07	15.8	0.5	<0.05	9.4	25.95	19.9	0.05	572	0.6	5.1	<10	9						
2695760	Drill Core															7.4	11.8	21.8	79	<0.5	35.5
REP 2695760	QC																				
2695782	Drill Core															0.9	14.2	22.5	26	<0.5	18.8
REP 2695782	QC															1.1	13.8	22.7	24	<0.5	20.0
2695795	Drill Core															1.2	3.2	8.7	1070	<0.5	30.7
REP 2695795	QC																				
2695823	Core DUP															122.7	62.9	15.4	50	<0.5	148.8
REP 2695823	QC															120.2	60.9	15.3	53	<0.5	147.2
Core Reject Duplicates																					
2695960	Drill Core	0.31	0.02	15.7	0.4	<0.05	15.5	12.52	12.4	0.03	76	0.5	4.7	<10	<2						
DUP 2695960	QC	0.32	<0.02	14.5	0.4	<0.05	15.4	12.09	11.5	0.03	75	0.4	4.1	<10	3						
2695756	Drill Core															0.9	12.1	15.8	48	<0.5	19.0
DUP 2695756	QC															0.8	11.4	16.3	26	<0.5	18.9
2695790	Drill Core															2.0	38.4	29.8	13499	<0.5	49.2
DUP 2695790	QC															2.0	43.0	28.7	15239	<0.5	49.9
2695824	Drill Core															168.2	46.4	16.5	24	<0.5	159.0
DUP 2695824	QC															168.2	43.8	16.0	22	<0.5	147.3
Reference Materials																					
STD DS11	Standard	0.05	1.21	32.5	1.8	<0.05	2.8	7.24	35.7	0.26	45	0.7	22.8	98	176						
STD DS11	Standard	0.08	1.50	35.4	2.0	<0.05	3.1	8.13	39.9	0.25	48	0.8	24.5	117	183						
STD DS11	Standard	0.06	1.34	33.0	1.7	<0.05	2.7	7.52	35.4	0.25	44	0.7	22.3	104	167						
STD DS11	Standard	0.08	1.38	34.0	1.7	<0.05	3.0	7.74	37.8	0.23	47	0.6	22.3	97	185						
STD GBM398-4-AR	Standard															925.9	4014.9	11584.0	5393	50.5	4085.7
STD GBM398-4-AR	Standard															945.9	3955.6	12422.3	5345	51.4	4197.2

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
Pulp Duplicates																					
2695963	Rock Pulp																				
REP 2695963	QC																				
2695976	Drill Core																				
REP 2695976	QC																				
2695760	Drill Core	7.7	234	1.24	8	1.5	4.3	95	<0.5	2.3	<0.5	24	5.58	0.025	13.8	6.0	1.49	441	0.003	0.34	<0.01
REP 2695760	QC																				
2695782	Drill Core	5.1	294	1.34	<5	1.2	5.9	75	<0.5	0.8	<0.5	<10	5.52	0.036	20.3	5.3	1.64	230	0.002	0.32	<0.01
REP 2695782	QC	5.3	295	1.35	<5	1.2	6.0	78	<0.5	0.8	<0.5	<10	5.49	0.035	20.5	5.1	1.64	235	0.002	0.32	<0.01
2695795	Drill Core	1.7	225	0.46	<5	2.1	<0.5	213	13.4	<0.5	<0.5	34	37.81	0.004	2.0	1.9	0.08	433	<0.001	0.03	<0.01
REP 2695795	QC																				
2695823	Core DUP	13.6	275	3.77	42	25.4	3.9	266	<0.5	11.9	<0.5	147	4.60	0.063	7.3	25.1	1.29	70	0.002	1.79	<0.01
REP 2695823	QC	13.3	282	3.82	42	25.5	3.8	268	<0.5	11.3	<0.5	147	4.70	0.062	6.8	24.4	1.31	69	0.002	1.81	<0.01
Core Reject Duplicates																					
2695960	Drill Core																				
DUP 2695960	QC																				
2695756	Drill Core	4.7	244	1.18	<5	0.8	5.1	89	<0.5	0.6	<0.5	<10	6.62	0.021	20.9	5.1	1.95	244	0.003	0.32	<0.01
DUP 2695756	QC	4.3	233	1.16	<5	0.8	5.0	88	<0.5	0.6	<0.5	<10	6.64	0.023	21.4	5.3	1.94	242	0.003	0.34	<0.01
2695790	Drill Core	6.7	134	1.41	6	1.3	5.8	47	169.5	1.2	<0.5	13	2.51	0.085	27.9	9.4	0.90	519	0.003	0.44	<0.01
DUP 2695790	QC	7.3	130	1.40	<5	1.3	6.0	48	189.2	1.2	<0.5	13	2.45	0.077	28.2	9.2	0.88	525	0.003	0.42	<0.01
2695824	Drill Core	17.3	50	2.29	29	34.0	4.8	24	<0.5	13.9	<0.5	57	0.40	0.053	8.6	11.6	0.39	109	0.002	0.88	<0.01
DUP 2695824	QC	17.2	46	2.28	30	32.8	4.8	24	<0.5	14.4	<0.5	58	0.40	0.058	8.4	11.3	0.39	100	0.002	0.87	<0.01
Reference Materials																					
STD DS11	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD GBM398-4-AR	Standard	2092.2	5375	3.88	7	0.6	0.8	13	9.9	7.0	12.2	29	0.35	0.021	2.8	1986.5	0.12	21	0.113	0.50	0.24
STD GBM398-4-AR	Standard	2068.1	5471	4.08	8	0.6	0.9	13	9.6	7.0	12.7	24	0.33	0.020	2.6	2078.2	0.13	21	0.116	0.48	0.26

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
	Analyte	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
	Unit	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	MDL	0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
Pulp Duplicates											
2695963	Rock Pulp									655	I.S.
REP 2695963	QC									658	
2695976	Drill Core									6659	2.70
REP 2695976	QC										
2695760	Drill Core	0.19	<0.5	0.19	3.6	<0.5	1.02	<5	<2	4204	2.66
REP 2695760	QC									4155	
2695782	Drill Core	0.24	<0.5	0.06	3.9	<0.5	0.76	<5	<2	1440	2.61
REP 2695782	QC	0.25	<0.5	<0.05	3.5	<0.5	0.76	<5	<2		
2695795	Drill Core	0.02	<0.5	0.27	1.1	<0.5	0.53	<5	<2	601	2.62
REP 2695795	QC									583	
2695823	Core DUP	0.17	<0.5	0.11	3.8	1.3	1.69	<5	4	461	2.44
REP 2695823	QC	0.17	<0.5	0.06	3.6	1.2	1.69	<5	4	464	
Core Reject Duplicates											
2695960	Drill Core									4344	2.55
DUP 2695960	QC									4360	2.55
2695756	Drill Core	0.26	<0.5	<0.05	4.3	<0.5	0.69	<5	<2	2176	2.69
DUP 2695756	QC	0.27	<0.5	<0.05	3.8	<0.5	0.68	<5	<2	2185	2.70
2695790	Drill Core	0.27	<0.5	3.95	2.7	<0.5	1.98	<5	<2	3691	2.67
DUP 2695790	QC	0.27	<0.5	4.52	2.6	<0.5	2.10	<5	<2	3694	2.67
2695824	Drill Core	0.25	<0.5	0.13	2.6	1.6	1.72	<5	4	910	2.44
DUP 2695824	QC	0.25	<0.5	0.15	2.4	1.7	1.74	<5	3	917	2.44
Reference Materials											
STD DS11	Standard										
STD DS11	Standard										
STD DS11	Standard										
STD DS11	Standard										
STD GBM398-4-AR	Standard	0.11	3.0	2.90	2.0	<0.5	0.99	<5	<2		
STD GBM398-4-AR	Standard	0.11	3.0	3.17	2.1	<0.5	0.98	<5	<2		

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE

Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD OREAS45EA	Standard		1.50	722.32	13.62	30.3	246	403.7	52.0	415	24.11	10.7	1.7	44.1	9.6	3.5	<0.01	0.27	0.24	340	0.04
STD OREAS45EA	Standard		1.50	747.25	13.66	31.7	272	415.7	52.0	419	24.29	11.1	1.7	47.3	9.6	3.6	<0.01	0.18	0.23	344	0.04
STD OREAS45EA	Standard		1.51	726.48	13.41	30.1	239	412.3	52.4	412	22.98	10.7	1.7	41.3	9.5	3.4	<0.01	0.28	0.24	322	0.03
STD OREAS45EA	Standard		1.46	710.26	13.81	30.4	243	401.7	50.8	408	24.07	10.6	1.7	44.7	9.2	3.5	<0.01	0.20	0.22	330	0.05
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD GBM398-4-AR Expected																					
STD OREAS927-AR Expected																					
STD OREAS45EA Expected			1.6	709	14.3	31.4	260	381	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.32	0.26	303	0.036
STD DS11 Expected			13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE

Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		P	**La**	**Cr**	**Mg**	**Ba**	**Ti**	**B**	**Al**	**Na**	**K**	**W**	**Sc**	**Tl**	**S**	**Hg**	**Se**	**Te**	**Ga**	**Cs**	**Ge**
		%	**ppm**	**ppm**	**%**	**ppm**	**%**	**ppm**	**%**	**%**	**%**	**ppm**	**ppm**	**ppm**	**%**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
		0.001	**0.5**	**0.5**	**0.01**	**0.5**	**0.001**	**20**	**0.01**	**0.001**	**0.01**	**0.1**	**0.1**	**0.02**	**0.02**	**5**	**0.1**	**0.02**	**0.1**	**0.02**	**0.1**
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD OREAS45EA	Standard	0.032	6.6	909.0	0.11	138.3	0.098	<20	3.25	0.020	0.06	<0.1	79.7	0.07	0.03	<5	0.6	0.07	12.3	0.73	0.3
STD OREAS45EA	Standard	0.032	6.9	920.2	0.11	141.8	0.100	<20	3.46	0.020	0.06	<0.1	79.7	0.05	0.03	16	1.3	0.08	12.8	0.75	0.2
STD OREAS45EA	Standard	0.032	6.7	898.9	0.11	143.1	0.099	<20	3.41	0.024	0.06	<0.1	78.2	0.06	0.04	<5	0.9	0.10	12.3	0.70	0.2
STD OREAS45EA	Standard	0.032	6.7	890.8	0.11	145.1	0.102	<20	3.33	0.019	0.06	<0.1	77.2	0.06	0.03	<5	0.8	0.05	12.5	0.74	0.2
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD GBM398-4-AR Expected																					
STD OREAS927-AR Expected																					
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.32	0.02	0.053		78	0.072	0.036	10	0.78	0.1	12.4	0.71	0.26
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7	2.88	0.08
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		AQ250 Hf ppm 0.02	AQ250 Nb ppm 0.02	AQ250 Rb ppm 0.1	AQ250 Sn ppm 0.1	AQ250 Ta ppm 0.05	AQ250 Zr ppm 0.1	AQ250 Y ppm 0.01	AQ250 Ce ppm 0.1	AQ250 In ppm 0.02	AQ250 Re ppb 1	AQ250 Be ppm 0.1	AQ250 Li ppm 0.1	AQ250 Pd ppb 10	AQ250 Pt ppb 2	AQ270 Mo ppm 0.5	AQ270 Cu ppm 0.5	AQ270 Pb ppm 0.5	AQ270 Zn ppm 5	AQ270 Ag ppm 0.5	AQ270 Ni ppm 0.5
STD GBM398-4-AR	Standard															914.7	3876.7	11627.8	5137	49.7	4281.0
STD GBM398-4-AR	Standard															949.1	3995.4	12281.8	5372	51.3	4189.7
STD OREAS45EA	Standard	0.77	0.09	7.5	0.9	<0.05	26.8	5.09	17.2	0.08	<1	0.4	2.8	52	101						
STD OREAS45EA	Standard	0.80	0.07	7.8	0.9	<0.05	26.2	5.27	17.6	0.10	<1	0.5	3.0	69	117						
STD OREAS45EA	Standard	0.78	0.09	7.3	0.9	<0.05	24.9	5.15	17.4	0.09	<1	0.6	3.0	83	107						
STD OREAS45EA	Standard	0.83	0.08	7.4	0.9	<0.05	27.2	5.04	16.9	0.08	<1	0.3	2.8	81	103						
STD OREAS927-AR	Standard															1.3	10823.1	232.5	766	4.7	30.5
STD OREAS927-AR	Standard															1.1	10733.7	216.0	750	6.4	30.1
STD OREAS927-AR	Standard															1.3	10471.6	208.8	708	4.4	29.9
STD OREAS927-AR	Standard															1.1	10809.6	215.1	758	6.0	29.6
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD GBM398-4-AR Expected																917	3919	11750	5345	49.2	4135
STD OREAS927-AR Expected																1.06	10715	212	726	4.9	30.9
STD OREAS45EA Expected		0.68	0.09	7.9	0.94		23	5.09	17.7	0.09		0.41	2.37	66	108						
STD DS11 Expected		0.06	1.2	33.6	1.8		2.4	7.82	37	0.24	50	0.67	23.3	100	172						
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		AQ270 Co ppm 0.5	AQ270 Mn ppm 5	AQ270 Fe % 0.01	AQ270 As ppm 5	AQ270 U ppm 0.5	AQ270 Th ppm 0.5	AQ270 Sr ppm 5	AQ270 Cd ppm 0.5	AQ270 Sb ppm 0.5	AQ270 Bi ppm 0.5	AQ270 V ppm 10	AQ270 Ca % 0.01	AQ270 P % 0.001	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
STD GBM398-4-AR	Standard	2055.6	5162	3.91	5	0.7	0.9	14	8.9	6.7	12.7	21	0.36	0.020	2.6	1982.2	0.12	20	0.111	0.49	0.26
STD GBM398-4-AR	Standard	2079.0	5500	4.14	7	0.7	0.9	14	10.2	7.1	12.4	24	0.36	0.022	2.6	2042.0	0.12	20	0.119	0.51	0.26
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS927-AR	Standard	31.4	1101	8.20	14	1.6	13.2	14	1.1	1.3	68.6	37	0.31	0.053	27.1	42.1	1.96	47	0.080	3.18	<0.01
STD OREAS927-AR	Standard	29.8	1057	8.47	15	1.6	12.6	13	1.1	1.2	64.6	35	0.30	0.057	26.8	41.6	1.95	45	0.086	3.27	<0.01
STD OREAS927-AR	Standard	30.1	1048	7.96	13	1.6	11.8	13	1.0	1.2	62.6	33	0.30	0.051	26.3	39.5	1.89	49	0.093	3.20	<0.01
STD OREAS927-AR	Standard	31.5	1112	8.50	12	1.6	12.4	13	1.1	1.3	67.7	35	0.31	0.056	27.0	43.2	1.95	46	0.091	3.28	<0.01
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD GBM398-4-AR Expected		1950	5260	3.95	6	0.7	0.8	13	9.2	7.2	12.9	24	0.34	0.02	2.8	1950	0.12	21	0.111	0.48	0.25
STD OREAS927-AR Expected		29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054	26.9	41.7	1.94	51.4	0.085	3.25	0.011
STD OREAS45EA Expected																					
STD DS11 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	0.02	0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		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	LF301 Ba ppm 10	SPG01 SG 0.01
STD GBM398-4-AR	Standard	0.11	2.8	3.21	2.0	<0.5	0.92	<5	<2		
STD GBM398-4-AR	Standard	0.11	2.8	3.07	1.8	<0.5	0.98	<5	<2		
STD OREAS45EA	Standard										
STD OREAS45EA	Standard										
STD OREAS45EA	Standard										
STD OREAS45EA	Standard										
STD OREAS927-AR	Standard	0.26	5.3	0.11	4.8	<0.5	1.87	9	14		
STD OREAS927-AR	Standard	0.27	5.0	0.10	5.0	<0.5	1.87	9	14		
STD OREAS927-AR	Standard	0.27	4.5	0.09	6.1	<0.5	1.74	9	15		
STD OREAS927-AR	Standard	0.26	4.9	0.10	5.2	<0.5	1.87	9	14		
STD SO-19	Standard									476	
STD SO-19	Standard									472	
STD SO-19	Standard									455	
STD SO-19	Standard									472	
STD SO-19	Standard									474	
STD SO-19	Standard									470	
STD SO-19	Standard									475	
STD SO-19	Standard									473	
STD SO-19 Expected										486	
STD GBM398-4-AR Expected		0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD OREAS45EA Expected											
STD DS11 Expected											
BLK	Blank									<10	
BLK	Blank									<10	
BLK	Blank									<10	
BLK	Blank									<10	
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		1.49	6.07	1.18	36.4	13	0.9	3.4	540	1.88	1.0	0.4	0.7	2.0	22.6	0.03	0.03	<0.02	21	0.57
ROCK-VAN	Prep Blank		1.25	5.26	1.11	34.8	9	0.8	3.6	540	1.80	1.0	0.4	0.8	2.1	23.8	<0.01	0.02	<0.02	21	0.57

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		AQ250 P % 0.001	AQ250 La ppm 0.5	AQ250 Cr ppm 0.5	AQ250 Mg % 0.01	AQ250 Ba ppm 0.5	AQ250 Ti % 0.001	AQ250 B ppm 20	AQ250 Al % 0.01	AQ250 Na % 0.001	AQ250 K % 0.01	AQ250 W ppm 0.1	AQ250 Sc ppm 0.1	AQ250 Tl ppm 0.02	AQ250 S % 0.02	AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02	AQ250 Ga ppm 0.1	AQ250 Cs ppm 0.02	AQ250 Ge ppm 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	12	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
Prep Wash																					
ROCK-VAN	Prep Blank	0.042	5.3	2.6	0.49	58.0	0.078	<20	0.88	0.079	0.08	<0.1	2.5	<0.02	0.06	<5	<0.1	<0.02	3.8	0.19	<0.1
ROCK-VAN	Prep Blank	0.043	5.3	2.3	0.50	60.4	0.079	<20	0.90	0.083	0.09	0.1	2.5	<0.02	0.06	<5	<0.1	<0.02	3.8	0.19	<0.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		AQ250 Hf ppm 0.02	AQ250 Nb ppm 0.02	AQ250 Rb ppm 0.1	AQ250 Sn ppm 0.1	AQ250 Ta ppm 0.05	AQ250 Zr ppm 0.1	AQ250 Y ppm 0.01	AQ250 Ce ppm 0.1	AQ250 In ppm 0.02	AQ250 Re ppb 1	AQ250 Be ppm 0.1	AQ250 Li ppm 0.1	AQ250 Pd ppb 10	AQ250 Pt ppb 2	AQ270 Mo ppm 0.5	AQ270 Cu ppm 0.5	AQ270 Pb ppm 0.5	AQ270 Zn ppm 5	AQ270 Ag ppm 0.5	AQ270 Ni ppm 0.5
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	2	<0.1	<0.1	<10	<2						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	2						
Prep Wash																					
ROCK-VAN	Prep Blank	0.15	0.13	2.3	0.4	<0.05	3.9	7.86	10.9	0.03	2	0.1	1.7	<10	<2	1.5	6.7	1.4	37	<0.5	0.9
ROCK-VAN	Prep Blank	0.15	0.13	2.4	0.4	<0.05	3.9	7.95	11.1	<0.02	<1	0.2	1.8	<10	<2	1.4	6.3	1.3	41	<0.5	0.7

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		AQ270 Co ppm 0.5	AQ270 Mn ppm 5	AQ270 Fe % 0.01	AQ270 As ppm 5	AQ270 U ppm 0.5	AQ270 Th ppm 0.5	AQ270 Sr ppm 5	AQ270 Cd ppm 0.5	AQ270 Sb ppm 0.5	AQ270 Bi ppm 0.5	AQ270 V ppm 10	AQ270 Ca % 0.01	AQ270 P % 0.001	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
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	3.7	595	1.98	<5	0.5	2.3	29	<0.5	<0.5	<0.5	24	0.64	0.042	6.6	2.4	0.49	74	0.107	0.99	0.12
ROCK-VAN	Prep Blank	3.8	604	1.85	<5	0.5	2.2	29	<0.5	<0.5	<0.5	24	0.63	0.042	6.7	2.5	0.49	76	0.106	1.00	0.12

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001868.1

		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	LF301 Ba ppm 10	SPG01 SG 0.01
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank										
BLK	Blank										
BLK	Blank										
BLK	Blank										
Prep Wash											
ROCK-VAN	Prep Blank	0.12	<0.5	0.06	4.3	<0.5	0.07	<5	<2	829	2.71
ROCK-VAN	Prep Blank	0.12	<0.5	<0.05	4.1	<0.5	0.05	<5	<2	828	2.70

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Submitted By: Nicholas Johnson
Receiving Lab: Canada-Vancouver
Received: August 01, 2018
Report Date: August 29, 2018
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN18001938.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: Akie 145
P.O. Number
Number of Samples: 62

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT Dispose of Reject After 60 days

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
PRP70-250	55	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	6	Sort, label and box pulps			VAN
SPTRF	1	Split samples by riffle splitter			VAN
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
AQ270	62	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	62	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	57	Specific Gravity on Pulp		Completed	VAN

ADDITIONAL COMMENTS

LF301-Ba data > 50000 ppm for informational purposes only.

Invoice To: ZincX Resources Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3
Canada

CC: Ken 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

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

CERTIFICATE OF ANALYSIS VAN18001938.1

	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
2695832	Drill Core	2.12	1.0	12.3	8.9	12	<0.5	15.9	5.8	288	1.51	<5	0.6	3.4	105	<0.5	0.9	<0.5	<10	8.63	0.042
2695833	Rock Pulp	0.08	22.0	4000.4	15876.5	30748	102.6	35.8	26.4	1039	8.86	526	1.3	1.2	39	199.4	159.4	12.9	36	1.60	0.039
2695834	Drill Core	2.68	2.0	45.3	14.0	100	1.0	38.0	6.7	232	1.68	<5	2.2	4.7	84	0.7	2.0	<0.5	32	6.94	0.308
2695835	Drill Core	2.07	3.2	12.6	11.2	24	<0.5	14.8	6.2	272	1.18	<5	0.7	3.9	104	<0.5	1.0	<0.5	<10	9.64	0.027
2695836	Drill Core	2.05	1.6	23.4	16.2	67	<0.5	24.2	6.1	217	1.10	<5	1.1	4.9	73	<0.5	1.3	<0.5	15	6.88	0.094
2695837	Drill Core	2.29	0.5	9.2	15.4	28	<0.5	10.4	3.8	289	1.14	<5	0.5	4.0	105	<0.5	<0.5	<0.5	<10	8.04	0.026
2695838	Drill Core	2.78	1.7	21.0	26.3	32	<0.5	24.5	6.9	216	1.36	<5	0.9	5.1	61	<0.5	1.3	<0.5	<10	5.17	0.020
2695839	Drill Core	3.44	2.2	10.4	20.1	176	<0.5	16.6	4.8	302	1.20	<5	0.7	4.7	99	0.7	1.8	<0.5	10	8.32	0.039
2695840	Drill Core	3.92	2.7	17.3	21.1	126	<0.5	15.9	4.4	219	0.96	<5	1.0	5.6	66	0.7	1.6	<0.5	11	5.34	0.038
2695841	Drill Core	3.50	5.7	14.5	22.8	422	<0.5	18.3	4.6	213	1.05	<5	1.2	5.5	70	2.6	2.6	<0.5	16	5.30	0.033
2695842	Drill Core	2.57	1.8	148.6	19.8	75061	1.4	17.6	14.3	103	1.03	<5	0.9	3.9	31	609.6	1.6	<0.5	<10	1.47	0.017
2695843	Rock Pulp	0.02	1.6	50.0	3.1	39	<0.5	4.8	8.6	425	2.51	<5	0.8	2.4	82	<0.5	<0.5	<0.5	90	0.93	0.055
2695844	Drill Core	2.42	1.8	22.4	21.5	67	<0.5	31.0	7.9	156	1.21	7	1.1	6.8	26	<0.5	1.2	<0.5	<10	1.84	0.037
2695845	Drill Core	2.27	0.9	16.6	22.2	67	<0.5	25.4	8.6	251	1.41	6	0.8	6.3	49	<0.5	0.9	<0.5	<10	4.00	0.052
2695846	Drill Core	3.75	0.7	12.0	15.2	44	<0.5	16.0	4.9	278	1.20	<5	0.6	5.2	54	<0.5	0.6	<0.5	<10	4.24	0.031
2695847	Drill Core	3.12	1.3	16.4	19.3	160	<0.5	21.9	6.7	260	1.24	<5	0.7	5.6	45	<0.5	0.9	<0.5	<10	4.05	0.047
2695848	Drill Core	3.83	<0.5	9.8	14.2	604	<0.5	22.1	7.3	293	1.31	<5	0.7	4.7	70	1.7	0.6	<0.5	<10	5.84	0.033
2695849	Drill Core	3.64	<0.5	9.1	15.4	224	<0.5	18.3	4.9	324	1.37	<5	0.7	4.9	83	0.6	<0.5	<0.5	<10	6.43	0.033
2695850	Drill Core	2.80	<0.5	7.8	12.9	77	<0.5	16.3	4.8	339	1.29	<5	<0.5	4.5	96	<0.5	<0.5	<0.5	<10	7.45	0.037
2695851	Drill Core	3.36	0.9	16.4	20.3	339	<0.5	30.3	6.6	230	1.35	<5	0.8	5.7	49	0.9	0.6	<0.5	<10	3.83	0.048
2695852	Drill Core	2.38	1.3	25.1	24.4	121	0.6	39.1	8.6	171	1.33	<5	0.9	7.6	24	<0.5	1.0	<0.5	<10	2.26	0.040
2695853	Pulp DUP		1.4	26.0	25.2	120	0.6	38.0	8.4	163	1.31	5	1.0	7.9	24	<0.5	1.1	<0.5	<10	2.24	0.037
2695854	Drill Core	3.89	1.1	19.3	20.2	231	<0.5	29.3	7.7	252	1.27	<5	0.9	6.1	56	1.0	0.9	<0.5	<10	4.10	0.045
2695855	Drill Core	2.38	1.0	18.1	21.2	367	<0.5	30.8	8.4	229	1.28	<5	0.9	4.8	59	1.4	0.8	<0.5	<10	3.90	0.051
2695856	Drill Core	2.69	6.5	28.5	31.0	144	0.8	41.4	10.8	180	1.47	7	2.0	6.7	39	0.7	1.9	<0.5	19	2.72	0.095
2695857	Drill Core	2.60	2.3	23.8	22.8	86	0.7	36.5	8.8	144	1.25	6	2.3	6.7	36	<0.5	1.5	<0.5	16	2.28	0.102
2695858	Drill Core	1.67	0.6	80.0	17.1	33469	0.8	14.6	9.5	302	1.34	<5	1.0	4.9	96	235.7	0.8	<0.5	<10	4.35	0.028
2695859	Drill Core	4.06	0.8	14.4	16.1	29	<0.5	21.2	5.5	248	1.12	<5	0.9	6.1	49	<0.5	0.7	<0.5	<10	3.80	0.037
2695860	Drill Core	2.99	0.9	11.5	16.5	34	<0.5	16.6	6.4	385	1.60	<5	0.9	5.6	83	<0.5	0.7	<0.5	<10	6.08	0.046
2695861	Drill Core	2.84	0.9	18.6	15.3	508	<0.5	26.6	8.0	340	1.54	<5	2.1	6.8	45	2.2	0.8	<0.5	<10	4.16	0.045

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

CERTIFICATE OF ANALYSIS VAN18001938.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2695832	Drill Core	11.3	6.4	4.02	138	0.004	0.31	<0.01	0.26	<0.5	<0.05	2.8	<0.5	0.64	<5	<2	1184	2.71
2695833	Rock Pulp	7.5	47.7	1.63	246	0.012	1.42	0.01	0.13	0.8	8.20	3.1	9.3	8.08	7	38	667	I.S.
2695834	Drill Core	17.6	15.0	2.39	111	0.007	0.51	<0.01	0.38	<0.5	0.10	3.8	<0.5	1.05	<5	5	642	2.66
2695835	Drill Core	13.6	5.9	3.82	76	0.003	0.30	<0.01	0.26	<0.5	0.08	2.9	<0.5	0.42	<5	<2	534	2.67
2695836	Drill Core	18.6	7.9	2.72	78	0.004	0.38	<0.01	0.28	<0.5	0.08	4.1	<0.5	0.52	<5	<2	649	2.66
2695837	Drill Core	16.7	5.2	2.29	69	0.003	0.30	<0.01	0.27	<0.5	<0.05	3.0	<0.5	0.39	<5	<2	502	2.73
2695838	Drill Core	16.3	6.9	1.94	64	0.003	0.32	<0.01	0.27	<0.5	0.07	4.1	<0.5	0.76	<5	<2	585	2.64
2695839	Drill Core	20.7	6.1	2.39	151	0.002	0.33	<0.01	0.26	<0.5	<0.05	3.1	<0.5	0.56	<5	<2	1125	2.69
2695840	Drill Core	19.5	6.7	1.70	162	0.002	0.34	<0.01	0.26	<0.5	<0.05	3.0	<0.5	0.48	<5	<2	1417	2.63
2695841	Drill Core	20.8	6.4	1.56	201	0.002	0.35	<0.01	0.25	<0.5	0.08	2.8	<0.5	0.63	<5	<2	1625	2.65
2695842	Drill Core	8.7	5.3	0.41	307	0.002	0.26	<0.01	0.19	<0.5	12.44	1.2	<0.5	4.48	<5	<2	1827	2.75
2695843	Rock Pulp	7.3	10.5	0.69	122	0.134	1.58	0.19	0.18	2.6	<0.05	2.0	<0.5	<0.05	<5	<2	579	I.S.
2695844	Drill Core	16.9	7.4	0.87	298	0.003	0.40	<0.01	0.29	<0.5	0.07	2.4	<0.5	0.98	<5	<2	2877	2.70
2695845	Drill Core	17.7	6.7	1.58	323	0.003	0.39	<0.01	0.27	<0.5	0.05	3.5	<0.5	1.05	<5	<2	2704	2.71
2695846	Drill Core	17.3	6.5	1.51	417	0.003	0.37	<0.01	0.28	<0.5	<0.05	2.7	<0.5	0.67	<5	<2	2495	2.67
2695847	Drill Core	14.6	6.5	1.70	288	0.003	0.35	<0.01	0.26	<0.5	<0.05	3.4	<0.5	0.78	<5	<2	2736	2.66
2695848	Drill Core	15.4	5.8	1.69	293	0.002	0.34	<0.01	0.25	<0.5	<0.05	2.8	<0.5	0.73	<5	<2	2449	2.67
2695849	Drill Core	19.7	5.6	1.69	260	0.002	0.31	<0.01	0.23	<0.5	<0.05	2.9	<0.5	0.83	<5	<2	2202	2.64
2695850	Drill Core	15.8	5.5	1.66	268	0.002	0.33	<0.01	0.24	<0.5	<0.05	3.1	<0.5	0.75	<5	<2	2165	2.65
2695851	Drill Core	15.6	6.5	1.25	289	0.003	0.37	<0.01	0.26	<0.5	<0.05	3.1	<0.5	1.00	<5	<2	2571	2.66
2695852	Drill Core	20.1	6.7	1.09	306	0.003	0.38	<0.01	0.29	<0.5	<0.05	2.9	<0.5	1.16	<5	<2	3339	2.71
2695853	Pulp DUP	21.5	6.2	1.05	317	0.003	0.38	<0.01	0.28	<0.5	<0.05	2.8	<0.5	1.14	<5	<2	3354	2.70
2695854	Drill Core	19.2	6.5	1.32	501	0.003	0.40	<0.01	0.28	<0.5	<0.05	3.3	<0.5	0.87	<5	<2	2905	2.66
2695855	Drill Core	16.6	6.3	1.06	1519	0.003	0.35	<0.01	0.24	<0.5	<0.05	3.1	<0.5	0.96	<5	<2	4259	2.62
2695856	Drill Core	16.9	10.1	1.19	605	0.004	0.50	<0.01	0.34	<0.5	0.06	2.9	<0.5	1.19	<5	<2	3681	2.62
2695857	Drill Core	15.9	8.1	0.90	1591	0.004	0.43	<0.01	0.30	<0.5	0.05	2.6	<0.5	1.13	<5	2	4617	2.68
2695858	Drill Core	14.4	4.1	1.64	338	0.002	0.29	<0.01	0.22	<0.5	8.69	2.7	<0.5	2.56	<5	<2	2735	2.75
2695859	Drill Core	17.9	6.6	1.37	317	0.003	0.39	<0.01	0.28	<0.5	<0.05	3.2	<0.5	0.68	<5	<2	2681	2.66
2695860	Drill Core	17.8	5.3	1.58	303	0.003	0.37	<0.01	0.26	<0.5	<0.05	2.9	<0.5	0.88	<5	<2	2199	2.70
2695861	Drill Core	20.4	7.4	1.69	346	0.003	0.43	<0.01	0.32	<0.5	<0.05	3.6	<0.5	0.84	<5	<2	2846	2.69

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

CERTIFICATE OF ANALYSIS VAN18001938.1

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
2695862	Drill Core	3.54	0.6	12.6	17.8	60	<0.5	21.2	5.9	363	1.50	<5	0.8	5.6	57	<0.5	0.7	<0.5	<10	5.16	0.036
2695863	Rock Pulp	0.07	22.2	3971.3	15584.6	30117	99.9	33.0	25.0	975	8.64	528	1.2	1.2	39	197.1	154.2	12.5	35	1.59	0.040
2695864	Drill Core	2.09	0.6	74.5	14.7	46538	0.7	12.5	10.9	308	1.18	<5	1.3	3.2	63	457.4	1.0	<0.5	<10	5.32	0.021
2695865	Drill Core	3.41	<0.5	6.9	8.2	74	<0.5	9.0	3.5	273	1.18	<5	0.8	3.9	45	<0.5	<0.5	<0.5	<10	4.08	0.024
2695866	Drill Core	2.62	0.9	17.0	11.9	412	<0.5	21.9	5.4	126	0.84	<5	1.4	5.3	32	2.7	0.8	<0.5	<10	3.52	0.037
2695867	Drill Core	1.92	1.2	19.2	24.9	482	<0.5	31.7	10.2	158	1.82	6	2.2	5.6	40	0.8	1.2	<0.5	11	2.33	0.060
2695868	Drill Core	2.30	<0.5	13.1	13.1	788	<0.5	20.8	5.9	172	1.02	<5	0.8	4.7	39	3.7	0.8	<0.5	<10	2.60	0.018
2695869	Drill Core	2.91	<0.5	8.8	8.8	182	<0.5	12.5	4.2	222	0.97	<5	1.0	4.5	54	<0.5	<0.5	<0.5	<10	5.16	0.024
2695870	Drill Core	3.25	<0.5	202.3	11.3	110945	0.8	8.6	15.9	141	0.85	<5	1.1	2.6	50	870.8	1.4	<0.5	<10	2.55	0.018
2695871	Drill Core	3.82	0.5	10.1	11.2	896	<0.5	14.3	3.5	143	0.86	<5	0.8	4.4	53	8.9	0.7	<0.5	<10	2.73	0.030
2695872	Drill Core	1.35	<0.5	105.1	23.7	79331	1.1	10.4	9.8	93	0.64	<5	<0.5	2.0	44	716.9	1.9	<0.5	<10	3.78	0.010
2695873	Rock Pulp	0.02	1.8	47.9	3.3	47	<0.5	4.5	8.2	387	2.47	<5	0.8	2.5	68	<0.5	<0.5	<0.5	88	0.81	0.054
2695874	Drill Core	3.40	1.6	19.1	30.4	58	<0.5	34.2	5.6	128	1.02	<5	1.1	6.2	45	<0.5	1.0	<0.5	10	2.54	0.038
2695875	Drill Core	2.08	<0.5	54.9	15.6	23344	<0.5	14.2	7.2	184	0.90	<5	0.6	4.7	147	168.3	1.0	<0.5	<10	6.74	0.032
2695876	Drill Core	3.54	0.5	8.0	9.5	437	<0.5	12.4	3.4	190	0.77	<5	0.8	4.9	106	2.8	<0.5	<0.5	<10	6.65	0.055
2695877	Drill Core	3.34	2.0	14.0	12.4	871	<0.5	24.6	4.3	129	0.79	<5	0.8	5.3	65	6.4	0.9	<0.5	<10	3.50	0.031
2695878	Drill Core	3.44	<0.5	9.7	9.0	452	<0.5	15.3	4.6	190	0.81	<5	0.9	4.7	179	2.8	0.6	<0.5	<10	5.16	0.030
2695879	Drill Core	3.14	1.9	11.8	12.9	85	<0.5	23.3	4.8	124	0.75	<5	0.8	5.4	86	<0.5	0.8	<0.5	<10	2.74	0.049
2695880	Drill Core	2.45	0.8	63.5	15.2	23628	<0.5	19.8	5.2	147	0.72	<5	1.2	4.1	328	207.6	1.2	<0.5	<10	5.70	0.042
2695881	Drill Core	1.89	13.7	33.6	38.6	1572	<0.5	47.1	5.3	87	1.36	11	2.2	3.9	109	13.5	6.2	<0.5	44	2.07	0.032
2695882	Drill Core	2.61	18.7	35.2	32.1	447	0.9	65.6	6.4	38	2.18	18	3.1	4.7	34	5.2	11.9	<0.5	64	0.43	0.059
2695883	Core DUP	<0.01	17.5	33.5	31.3	493	0.9	64.6	6.5	41	2.22	17	2.7	4.2	35	5.6	11.9	<0.5	58	0.43	0.057
2695884	Drill Core	3.35	22.0	33.8	26.0	750	1.1	72.1	6.5	39	1.96	17	2.8	4.5	33	10.2	14.7	<0.5	69	0.34	0.037
2695885	Drill Core	2.63	23.2	38.2	19.8	724	1.2	74.6	6.8	43	1.86	24	3.4	4.6	42	9.9	14.6	<0.5	66	0.47	0.044
2695886	Drill Core	3.39	41.1	42.9	20.7	561	1.2	97.6	8.0	59	2.54	27	9.5	4.7	84	7.3	15.4	<0.5	70	1.02	0.213
2695887	Drill Core	3.66	17.1	45.4	17.5	397	1.3	67.2	6.1	151	3.68	19	2.9	4.3	194	4.6	15.4	<0.5	66	2.86	0.064
2695888	Drill Core	3.66	23.5	43.5	12.8	1703	1.2	71.0	6.5	56	2.10	19	3.3	4.4	52	26.4	15.1	<0.5	77	0.62	0.042
2695889	Drill Core	3.27	53.3	39.8	16.8	133	0.9	84.5	8.2	94	2.43	23	6.0	4.9	100	1.2	12.7	<0.5	36	1.31	0.047
2695890	Drill Core	3.85	58.1	50.9	16.8	429	0.5	91.0	8.6	288	4.62	25	10.5	3.7	283	3.1	7.5	<0.5	31	4.73	0.037
2695891	Drill Core	2.77	36.0	34.5	14.9	68	<0.5	72.6	7.4	74	2.46	20	5.6	5.1	48	<0.5	4.6	<0.5	34	0.60	0.041

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

CERTIFICATE OF ANALYSIS VAN18001938.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2695862	Drill Core	18.8	7.5	1.88	327	0.003	0.42	<0.01	0.31	<0.5	<0.05	3.3	<0.5	0.77	<5	<2	2409	2.69
2695863	Rock Pulp	7.5	47.8	1.61	232	0.011	1.40	0.01	0.14	1.0	8.30	3.2	8.8	8.08	7	39	690	I.S.
2695864	Drill Core	12.9	4.0	1.40	645	0.002	0.26	<0.01	0.18	<0.5	9.58	2.3	<0.5	2.89	<5	<2	1959	2.76
2695865	Drill Core	17.5	4.5	1.68	275	0.002	0.28	<0.01	0.19	<0.5	<0.05	2.3	<0.5	0.57	<5	<2	1805	2.69
2695866	Drill Core	14.2	5.5	0.85	448	0.002	0.33	<0.01	0.20	<0.5	0.07	2.2	<0.5	0.54	<5	<2	2934	2.65
2695867	Drill Core	17.6	6.4	1.11	579	0.003	0.46	<0.01	0.27	<0.5	0.05	2.8	<0.5	1.60	<5	<2	3407	2.69
2695868	Drill Core	18.8	3.9	1.33	420	0.002	0.31	<0.01	0.21	<0.5	0.10	2.8	<0.5	0.75	<5	<2	3281	2.70
2695869	Drill Core	21.3	5.0	1.86	471	0.002	0.31	<0.01	0.20	<0.5	<0.05	2.8	<0.5	0.59	<5	<2	3041	2.70
2695870	Drill Core	11.4	2.9	1.02	363	0.001	0.17	<0.01	0.12	<0.5	20.53	1.2	<0.5	6.16	17	3	2204	2.83
2695871	Drill Core	20.5	4.5	1.26	389	0.002	0.32	<0.01	0.22	<0.5	0.19	2.4	<0.5	0.71	<5	<2	3277	2.66
2695872	Drill Core	6.1	3.4	0.71	283	0.001	0.16	<0.01	0.10	<0.5	18.17	1.3	<0.5	4.26	7	<2	12009	2.78
2695873	Rock Pulp	6.5	10.3	0.67	117	0.117	1.43	0.16	0.18	2.4	<0.05	2.1	<0.5	<0.05	<5	<2	567	I.S.
2695874	Drill Core	21.4	6.7	1.24	553	0.003	0.38	<0.01	0.25	<0.5	0.07	2.9	<0.5	0.87	<5	<2	4318	2.66
2695875	Drill Core	17.7	4.8	1.90	501	0.002	0.29	<0.01	0.20	<0.5	5.04	2.6	<0.5	1.82	<5	<2	3008	2.71
2695876	Drill Core	18.1	5.0	1.99	572	0.003	0.32	<0.01	0.20	<0.5	0.12	2.9	<0.5	0.52	<5	<2	3177	2.70
2695877	Drill Core	20.5	5.0	1.39	577	0.002	0.30	<0.01	0.19	<0.5	0.20	2.6	<0.5	0.64	<5	<2	4339	2.65
2695878	Drill Core	18.3	5.0	1.81	868	0.002	0.30	<0.01	0.18	<0.5	0.10	2.7	<0.5	0.61	<5	<2	4165	2.67
2695879	Drill Core	19.4	4.6	1.25	3563	0.002	0.29	<0.01	0.18	<0.5	<0.05	2.5	<0.5	0.73	<5	<2	10177	2.65
2695880	Drill Core	16.8	4.6	1.81	2050	0.002	0.38	<0.01	0.15	<0.5	6.19	2.6	<0.5	1.77	<5	<2	5560	2.71
2695881	Drill Core	9.1	6.1	0.27	600	0.001	0.29	<0.01	0.16	<0.5	0.57	1.8	<0.5	1.41	<5	4	4793	2.60
2695882	Drill Core	9.5	6.9	0.06	531	0.002	0.42	<0.01	0.25	<0.5	0.24	2.3	0.6	2.42	<5	11	5575	2.61
2695883	Core DUP	9.1	6.9	0.05	478	0.002	0.38	<0.01	0.22	<0.5	0.29	1.5	0.7	2.49	<5	9	5359	2.60
2695884	Drill Core	9.0	7.6	0.04	443	0.002	0.39	<0.01	0.24	<0.5	0.17	1.7	0.7	2.23	<5	16	5103	2.61
2695885	Drill Core	8.9	6.3	0.07	376	0.002	0.39	<0.01	0.23	<0.5	0.17	1.6	0.7	2.12	<5	19	4614	2.57
2695886	Drill Core	9.1	8.7	0.08	561	0.003	0.57	<0.01	0.29	<0.5	0.20	2.3	0.9	2.88	<5	9	3714	2.62
2695887	Drill Core	6.7	8.2	0.14	524	0.002	0.43	<0.01	0.26	<0.5	0.14	2.2	0.7	3.90	<5	13	3682	2.66
2695888	Drill Core	8.5	6.5	0.08	374	0.002	0.43	<0.01	0.26	<0.5	0.19	1.9	0.7	2.32	<5	19	3232	2.61
2695889	Drill Core	8.7	6.8	0.13	331	0.002	0.42	<0.01	0.26	<0.5	0.14	2.2	0.9	2.62	<5	9	2958	2.60
2695890	Drill Core	4.8	4.8	0.59	269	0.002	0.34	<0.01	0.21	<0.5	0.15	3.6	0.9	5.20	<5	6	2120	2.64
2695891	Drill Core	9.0	6.4	0.09	293	0.002	0.41	<0.01	0.26	<0.5	0.15	1.9	0.8	2.60	<5	3	2389	2.60

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

CERTIFICATE OF ANALYSIS VAN18001938.1

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
2695892	Drill Core	1.32	30.0	38.8	14.3	166	<0.5	87.3	7.4	45	2.36	21	4.5	5.3	30	0.9	4.4	<0.5	38	0.39	0.045
2695893	Rock Pulp	0.08	21.2	3932.4	15787.6	30640	103.5	34.6	25.3	950	8.88	556	1.3	1.1	36	200.6	159.3	12.4	35	1.59	0.038

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

CERTIFICATE OF ANALYSIS VAN18001938.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
	Unit	ppm	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	10	0.01
2695892	Drill Core	8.3	5.9	0.05	262	0.002	0.42	<0.01	0.26	<0.5	0.12	2.2	0.9	2.60	<5	3	2230	2.60
2695893	Rock Pulp	6.7	42.9	1.62	220	0.011	1.37	0.01	0.12	1.0	8.43	3.4	8.9	8.15	7	35	665	I.S.

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

QUALITY CONTROL REPORT VAN18001938.1

	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																					
2695848	Drill Core	3.83	<0.5	9.8	14.2	604	<0.5	22.1	7.3	293	1.31	<5	0.7	4.7	70	1.7	0.6	<0.5	<10	5.84	0.033
REP 2695848	QC		<0.5	11.1	14.1	598	<0.5	22.8	7.1	293	1.29	<5	0.6	4.8	70	1.9	0.6	<0.5	<10	5.77	0.032
2695856	Drill Core	2.69	6.5	28.5	31.0	144	0.8	41.4	10.8	180	1.47	7	2.0	6.7	39	0.7	1.9	<0.5	19	2.72	0.095
REP 2695856	QC																				
2695879	Drill Core	3.14	1.9	11.8	12.9	85	<0.5	23.3	4.8	124	0.75	<5	0.8	5.4	86	<0.5	0.8	<0.5	<10	2.74	0.049
REP 2695879	QC		1.7	11.8	12.8	83	<0.5	23.8	4.9	115	0.75	<5	0.8	5.5	85	<0.5	0.7	<0.5	<10	2.73	0.050
2695886	Drill Core	3.39	41.1	42.9	20.7	561	1.2	97.6	8.0	59	2.54	27	9.5	4.7	84	7.3	15.4	<0.5	70	1.02	0.213
REP 2695886	QC																				
Core Reject Duplicates																					
2695849	Drill Core	3.64	<0.5	9.1	15.4	224	<0.5	18.3	4.9	324	1.37	<5	0.7	4.9	83	0.6	<0.5	<0.5	<10	6.43	0.033
DUP 2695849	QC		<0.5	10.5	15.5	237	<0.5	17.5	4.9	339	1.38	<5	0.7	5.2	79	0.6	<0.5	<0.5	<10	6.44	0.032
Reference Materials																					
STD GBM398-4-AR	Standard		915.8	3875.5	11558.7	5158	48.5	4176.3	1884.1	5126	3.71	7	0.7	0.8	12	9.3	6.8	13.1	37	0.30	0.019
STD GBM398-4-AR	Standard		908.4	3911.3	11389.0	5117	47.4	4129.9	1930.4	5124	3.81	5	0.6	0.9	14	9.5	6.9	13.0	37	0.39	0.019
STD OREAS135	Standard		8.1	295.6	17208.5	26886	54.9	36.7	29.3	3864	8.67	928	9.6	11.0	26	69.5	40.5	5.3	32	1.80	0.084
STD OREAS927-AR	Standard		1.0	10681.3	215.6	685	4.0	28.6	29.2	1105	7.89	11	1.8	13.0	14	0.9	1.2	73.3	32	0.31	0.052
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD OREAS135 Expected			8.25	282	17000	28000	55.2	33.7	28	3960	8.97	883	8.89	9.67		61	38	4.35	33.4	1.83	0.086
STD GBM398-4-AR Expected			917	3919	11750	5345	49.2	4135	1950	5260	3.95	6	0.7	0.8	13	9.2	7.2	12.9	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	212	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	<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

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

QUALITY CONTROL REPORT VAN18001938.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
	Unit	ppm	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	10	0.01
Pulp Duplicates																		
2695848	Drill Core	15.4	5.8	1.69	293	0.002	0.34	<0.01	0.25	<0.5	<0.05	2.8	<0.5	0.73	<5	<2	2449	2.67
REP 2695848	QC	15.7	5.6	1.69	295	0.003	0.35	<0.01	0.26	<0.5	<0.05	3.1	<0.5	0.73	<5	<2		
2695856	Drill Core	16.9	10.1	1.19	605	0.004	0.50	<0.01	0.34	<0.5	0.06	2.9	<0.5	1.19	<5	<2	3681	2.62
REP 2695856	QC																3659	
2695879	Drill Core	19.4	4.6	1.25	3563	0.002	0.29	<0.01	0.18	<0.5	<0.05	2.5	<0.5	0.73	<5	<2	10177	2.65
REP 2695879	QC	18.4	4.5	1.26	3504	0.002	0.30	<0.01	0.18	<0.5	0.07	2.4	<0.5	0.72	<5	<2		
2695886	Drill Core	9.1	8.7	0.08	561	0.003	0.57	<0.01	0.29	<0.5	0.20	2.3	0.9	2.88	<5	9	3714	2.62
REP 2695886	QC																3722	
Core Reject Duplicates																		
2695849	Drill Core	19.7	5.6	1.69	260	0.002	0.31	<0.01	0.23	<0.5	<0.05	2.9	<0.5	0.83	<5	<2	2202	2.64
DUP 2695849	QC	19.7	6.2	1.71	295	0.003	0.34	<0.01	0.24	<0.5	<0.05	3.2	<0.5	0.82	<5	<2	2264	2.65
Reference Materials																		
STD GBM398-4-AR	Standard	2.7	1863.4	0.12	20	0.105	0.47	0.25	0.10	2.9	2.95	1.6	<0.5	0.93	<5	<2		
STD GBM398-4-AR	Standard	2.8	1867.5	0.13	21	0.111	0.49	0.26	0.11	2.8	3.00	1.9	<0.5	0.90	<5	<2		
STD OREAS135	Standard	42.2	25.8	0.82	419	0.027	1.07	0.02	0.46	3.4	1.44	2.9	6.3	7.16	<5	<2		
STD OREAS927-AR	Standard	28.1	42.1	1.90	47	0.090	3.20	<0.01	0.26	4.6	0.07	4.3	<0.5	1.73	9	15		
STD SO-19	Standard																476	
STD SO-19	Standard																474	
STD SO-19	Standard																448	
STD SO-19	Standard																469	
STD SO-19 Expected																	486	
STD OREAS135 Expected		39.8	22	0.833	366	0.026	1.09		0.487	2.93	1.21	3.51	6.61	7.08				
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																<10	
BLK	Blank																<10	
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		

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: August 29, 2018

QUALITY CONTROL REPORT VAN18001938.1

		WGHT Wgt kg 0.01	AQ270 Mo ppm 0.5	AQ270 Cu ppm 0.5	AQ270 Pb ppm 0.5	AQ270 Zn ppm 5	AQ270 Ag ppm 0.5	AQ270 Ni ppm 0.5	AQ270 Co ppm 0.5	AQ270 Mn ppm 5	AQ270 Fe % 0.01	AQ270 As ppm 5	AQ270 U ppm 0.5	AQ270 Th ppm 0.5	AQ270 Sr ppm 5	AQ270 Cd ppm 0.5	AQ270 Sb ppm 0.5	AQ270 Bi ppm 0.5	AQ270 V ppm 10	AQ270 Ca % 0.01	AQ270 P % 0.001
Prep Wash																					
ROCK-VAN	Prep Blank		1.3	13.1	6.4	50	<0.5	1.2	3.6	636	1.81	<5	<0.5	2.0	30	<0.5	<0.5	<0.5	19	0.71	0.038
ROCK-VAN	Prep Blank		1.3	11.5	14.5	47	<0.5	1.6	3.9	648	1.81	<5	<0.5	2.2	31	<0.5	0.6	<0.5	21	0.72	0.043

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE

Report Date: August 29, 2018

QUALITY CONTROL REPORT VAN18001938.1

		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	LF301 Ba ppm 10	SPG01 SG 0.01
Prep Wash																		
ROCK-VAN	Prep Blank	6.8	4.2	0.51	81	0.096	1.09	0.12	0.12	<0.5	<0.05	3.9	<0.5	0.09	<5	<2	841	2.67
ROCK-VAN	Prep Blank	6.7	4.2	0.51	80	0.094	1.07	0.11	0.11	<0.5	<0.05	3.6	<0.5	0.08	<5	<2	844	2.67

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Submitted By: Nicholas Johnson
Receiving Lab: Canada-Vancouver
Received: August 16, 2018
Report Date: September 26, 2018
Page: 1 of 9

CERTIFICATE OF ANALYSIS VAN18002153.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: Akie 147
P.O. Number Akie
Number of Samples: 215

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT Dispose of Reject After 60 days

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
PRP70-250	193	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	18	Sort, label and box pulps			VAN
SPTRF	4	Split samples by riffle splitter			VAN
PUL85	4	Pulverize to 85% passing 200 mesh			VAN
AQ270	215	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	215	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	202	Specific Gravity on Pulp		Completed	VAN

ADDITIONAL COMMENTS

LF301-Ba data > 50000 ppm for informational purposes only.

Invoice To: ZincX Resources Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3
Canada

CC: Ken 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

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

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
2695989	Drill Core	2.85	21.5	43.9	66.2	334	0.6	72.4	9.5	226	1.47	28	6.6	4.3	292	3.3	13.7	<0.5	54	3.32	0.057
2695990	Drill Core	2.22	15.3	37.6	55.5	19	0.5	55.9	7.0	1007	1.86	24	4.9	2.5	989	<0.5	10.3	<0.5	64	13.51	0.048
2695991	Drill Core	2.32	22.6	34.1	57.6	61	0.7	60.9	8.4	79	1.63	30	6.7	3.9	71	0.7	11.1	<0.5	74	0.65	0.047
2695992	Drill Core	2.07	22.2	37.9	81.9	14	0.7	67.1	8.5	57	1.27	34	6.5	4.0	61	<0.5	12.8	<0.5	71	0.37	0.049
2695993	Rock Pulp	0.08	21.8	3974.4	16209.6	31748	106.3	34.1	27.1	997	9.00	581	1.1	1.1	41	204.2	166.1	11.9	37	1.57	0.044
2695994	Drill Core	3.30	28.6	40.7	95.5	13	0.8	80.5	10.0	46	1.36	41	8.1	4.4	53	<0.5	15.7	<0.5	83	0.25	0.045
2695995	Drill Core	2.22	33.3	38.6	71.7	128	0.6	74.2	7.7	83	1.85	31	9.4	4.0	209	1.1	12.4	<0.5	81	0.94	0.037
2695996	Drill Core	0.87	57.6	43.4	41.9	732	0.8	90.2	9.4	124	4.14	29	14.8	4.3	183	4.7	22.0	<0.5	37	1.06	0.069
2695997	Drill Core	2.44	33.8	31.2	16.7	826	<0.5	68.7	10.8	197	1.52	15	9.3	4.8	478	4.2	11.0	<0.5	35	2.20	0.071
2695998	Drill Core	3.27	44.6	47.9	70.1	138	1.1	51.6	7.1	289	7.80	34	10.3	2.7	333	0.9	25.6	<0.5	29	2.18	0.053
2695999	Drill Core	3.54	42.5	32.3	26.4	71	<0.5	52.2	8.2	247	4.70	26	8.8	3.6	231	0.6	14.9	<0.5	21	1.69	0.050
2696000	Drill Core	2.55	52.7	36.6	26.2	329	<0.5	53.1	8.6	130	4.15	28	10.9	3.7	62	1.3	8.9	<0.5	20	0.40	0.048
2696601	Drill Core	1.35	31.8	19.2	10.2	417	<0.5	42.2	6.9	493	2.94	14	6.3	3.6	831	1.7	3.6	<0.5	21	5.13	0.045
2696602	Drill Core	3.24	38.3	30.8	27.1	339	<0.5	39.6	7.5	205	5.56	23	6.9	4.0	256	1.2	3.3	<0.5	22	1.63	0.046
2696603	Core DUP		36.8	31.1	26.3	333	<0.5	39.6	7.3	189	5.35	22	6.5	3.8	259	1.3	3.3	<0.5	19	1.62	0.051
2696604	Drill Core	1.85	50.6	23.3	27.9	1513	<0.5	41.2	7.9	143	4.56	22	9.8	3.8	145	3.5	2.6	<0.5	18	0.89	0.049
2696605	Drill Core	3.51	47.9	32.1	39.8	1429	<0.5	42.9	7.4	196	7.22	30	9.7	2.9	189	3.0	3.0	<0.5	20	1.30	0.042
2696606	Drill Core	2.12	76.1	13.6	7.6	259	<0.5	36.1	9.7	167	2.16	13	13.0	4.6	200	0.7	1.6	<0.5	17	1.49	0.056
2696607	Drill Core	1.98	43.8	31.2	32.9	653	<0.5	41.7	7.6	334	6.16	28	8.8	3.3	367	1.2	2.9	<0.5	20	2.87	0.050
2696608	Drill Core	2.61	39.4	35.9	26.7	692	<0.5	49.3	8.3	160	5.26	26	7.2	3.7	162	1.5	3.3	<0.5	21	0.98	0.039
2696609	Drill Core	3.22	35.7	29.7	21.3	331	<0.5	43.9	7.1	193	5.32	22	6.5	3.7	309	0.8	3.2	<0.5	26	1.90	0.047
2696610	Drill Core	2.01	33.6	24.1	11.6	660	<0.5	56.9	9.0	105	2.52	16	7.4	4.5	125	1.1	2.8	<0.5	26	0.69	0.046
2696611	Drill Core	2.89	32.9	33.6	53.8	2666	<0.5	41.0	7.7	263	6.48	30	6.3	2.8	430	3.4	3.4	<0.5	20	2.58	0.054
2696612	Drill Core	2.57	25.1	24.2	41.7	3065	<0.5	47.7	8.0	124	4.13	21	6.7	4.2	148	3.6	2.5	<0.5	25	0.87	0.050
2696613	Rock Pulp	0.02	1.7	45.7	3.3	34	<0.5	5.6	7.6	401	2.61	<5	0.9	2.5	74	<0.5	<0.5	<0.5	96	0.90	0.045
2696614	Drill Core	3.94	30.7	40.9	76.0	2311	<0.5	42.5	7.8	189	6.59	32	7.2	2.7	268	3.1	4.2	<0.5	21	1.96	0.035
2696615	Drill Core	3.18	33.7	26.8	42.9	737	<0.5	49.7	8.3	99	3.46	21	7.4	5.3	176	1.3	4.1	<0.5	24	0.88	0.055
2696616	Drill Core	2.25	18.4	26.3	23.8	190	<0.5	45.8	8.3	65	2.02	13	4.8	6.0	87	<0.5	3.2	<0.5	27	0.60	0.084
2696617	Drill Core	3.56	41.7	23.6	11.6	379	<0.5	65.8	7.0	103	1.58	16	12.5	3.5	236	0.9	4.5	<0.5	52	1.45	0.046
2696618	Drill Core	3.46	43.6	30.4	15.5	16	<0.5	63.9	7.5	173	1.94	19	12.0	3.0	305	<0.5	5.8	<0.5	40	2.37	0.051

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2695989	Drill Core	13.5	4.7	0.05	990	0.004	0.47	<0.01	0.25	<0.5	0.06	2.8	1.3	1.59	<5	5	5694	2.57
2695990	Drill Core	8.8	4.7	0.15	1147	0.004	0.40	<0.01	0.21	<0.5	0.08	3.2	0.9	1.72	<5	7	3696	2.56
2695991	Drill Core	16.0	5.6	0.05	944	0.004	0.48	<0.01	0.29	<0.5	<0.05	1.9	1.9	1.81	<5	8	5281	2.54
2695992	Drill Core	15.4	5.8	0.05	1314	0.005	0.50	<0.01	0.28	<0.5	0.08	1.3	1.7	1.44	<5	7	5787	2.54
2695993	Rock Pulp	7.3	42.7	1.59	232	0.011	1.39	0.01	0.14	1.1	8.12	3.2	8.9	8.16	7	39	658	2.94
2695994	Drill Core	15.6	6.0	0.05	1022	0.005	0.49	<0.01	0.29	<0.5	0.06	1.6	2.3	1.52	<5	9	5989	2.52
2695995	Drill Core	14.9	4.4	0.04	942	0.003	0.39	<0.01	0.20	<0.5	<0.05	1.1	1.9	2.04	<5	11	7576	2.59
2695996	Drill Core	14.6	3.4	0.04	809	0.003	0.47	<0.01	0.20	<0.5	0.16	1.4	3.9	4.77	<5	3	10184	2.60
2695997	Drill Core	17.1	3.7	0.05	1975	0.004	0.47	<0.01	0.19	<0.5	<0.05	1.7	1.5	1.74	<5	<2	8756	2.55
2695998	Drill Core	9.2	3.9	0.04	227	0.004	0.71	<0.01	0.18	<0.5	0.31	1.2	9.7	8.82	<5	<2	14979	2.72
2695999	Drill Core	11.4	2.7	0.04	575	0.003	0.81	<0.01	0.16	<0.5	0.21	1.2	5.4	5.09	<5	<2	19103	2.63
2696000	Drill Core	12.1	3.3	0.04	522	0.004	0.91	<0.01	0.18	<0.5	0.23	1.4	4.6	4.51	<5	<2	19475	2.60
2696601	Drill Core	10.7	3.6	0.09	1079	0.004	0.43	<0.01	0.16	<0.5	0.16	1.3	1.9	3.30	<5	<2	8155	2.60
2696602	Drill Core	12.4	4.1	0.07	460	0.005	0.82	<0.01	0.20	<0.5	0.36	1.4	8.6	6.18	<5	<2	16359	2.63
2696603	Core DUP	10.8	2.9	0.06	406	0.004	0.76	<0.01	0.19	<0.5	0.36	1.5	8.1	5.95	<5	<2	16635	2.70
2696604	Drill Core	11.7	2.5	0.04	515	0.004	0.79	<0.01	0.15	<0.5	0.39	1.0	9.5	5.14	<5	<2	17889	2.64
2696605	Drill Core	9.2	3.0	0.04	250	0.004	0.67	<0.01	0.16	<0.5	0.54	1.2	13.7	8.20	<5	<2	14278	2.68
2696606	Drill Core	17.1	3.3	0.06	1474	0.005	0.69	<0.01	0.22	<0.5	0.18	1.8	3.0	2.31	<5	<2	13052	2.51
2696607	Drill Core	12.4	3.3	0.05	347	0.004	1.02	<0.01	0.16	<0.5	0.46	2.0	10.6	6.62	<5	<2	21176	2.68
2696608	Drill Core	12.8	2.7	0.04	425	0.004	0.93	<0.01	0.16	<0.5	0.41	1.2	7.9	5.75	<5	<2	19705	2.68
2696609	Drill Core	13.6	3.5	0.06	466	0.005	0.80	<0.01	0.19	<0.5	0.32	1.1	8.2	5.78	<5	<2	14764	2.67
2696610	Drill Core	17.8	3.5	0.04	1057	0.005	1.28	<0.01	0.16	<0.5	0.22	1.8	3.5	2.37	<5	<2	27588	2.59
2696611	Drill Core	10.0	3.2	0.06	307	0.005	1.04	<0.01	0.15	<0.5	0.62	1.2	13.4	7.20	<5	<2	22058	2.71
2696612	Drill Core	15.8	3.7	0.04	542	0.009	1.19	<0.01	0.17	<0.5	0.48	1.3	8.3	4.43	<5	<2	25711	2.62
2696613	Rock Pulp	6.9	8.4	0.70	120	0.139	1.56	0.17	0.19	3.0	<0.05	1.7	<0.5	<0.05	<5	<2	589	I.S.
2696614	Drill Core	9.5	2.6	0.04	288	0.009	1.11	<0.01	0.14	<0.5	0.49	1.1	14.1	7.12	<5	<2	24097	2.69
2696615	Drill Core	17.0	3.4	0.05	768	0.024	0.95	<0.01	0.20	<0.5	0.20	1.3	7.0	3.71	<5	<2	19535	2.64
2696616	Drill Core	25.3	3.8	0.06	1702	0.029	0.99	<0.01	0.21	<0.5	0.15	1.5	2.4	1.98	<5	<2	19786	2.61
2696617	Drill Core	15.0	2.9	0.04	1873	0.009	0.80	<0.01	0.15	<0.5	0.11	0.8	1.2	1.51	<5	<2	17076	2.52
2696618	Drill Core	14.5	2.8	0.04	1540	0.011	0.89	<0.01	0.15	<0.5	0.13	1.2	1.6	1.83	<5	<2	19346	2.54

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

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
2696619	Drill Core	3.21	45.8	22.9	7.0	238	<0.5	73.0	7.4	326	1.18	15	14.1	3.4	465	0.9	3.9	<0.5	66	4.10	0.051
2696620	Drill Core	4.07	44.9	30.5	8.2	11	<0.5	72.4	7.7	136	1.19	17	12.6	3.4	284	<0.5	4.2	<0.5	67	1.76	0.042
2696621	Drill Core	3.91	50.6	31.7	24.3	269	<0.5	68.0	9.0	46	1.36	22	14.4	4.0	129	2.3	5.6	<0.5	61	0.72	0.041
2696622	Drill Core	2.83	52.4	44.8	30.5	665	<0.5	74.4	8.8	48	2.01	27	13.4	3.5	173	5.7	6.1	<0.5	55	0.65	0.045
2696623	Rock Pulp	0.08	22.1	4071.1	15998.9	30491	105.9	35.4	26.4	983	9.16	556	1.2	1.2	37	200.9	157.5	11.6	34	1.61	0.044
2696624	Drill Core	3.26	46.0	32.7	25.9	113	<0.5	71.5	8.0	219	1.61	22	12.8	3.5	1030	0.9	4.8	<0.5	56	4.34	0.047
2696625	Drill Core	2.54	32.1	30.6	27.6	39	<0.5	58.5	6.7	84	1.64	18	7.0	4.2	336	<0.5	4.9	<0.5	40	1.05	0.047
2696626	Drill Core	2.58	25.9	53.7	55.3	16	0.6	59.6	9.0	219	4.94	27	7.0	3.8	218	<0.5	5.5	<0.5	28	1.09	0.050
2696627	Drill Core	3.94	31.0	37.9	25.0	25	<0.5	75.7	11.3	59	2.02	20	7.5	4.8	78	<0.5	4.1	<0.5	31	0.44	0.056
2696628	Drill Core	4.11	22.2	44.2	31.5	66	<0.5	68.1	11.1	111	2.74	21	5.3	5.0	160	0.7	3.7	<0.5	29	0.74	0.054
2696629	Drill Core	3.12	24.9	47.2	48.9	64	<0.5	62.4	9.4	184	4.02	25	6.8	3.8	358	<0.5	4.3	<0.5	23	1.64	0.050
2696630	Drill Core	3.71	45.0	31.7	19.2	1023	<0.5	72.6	11.6	96	2.18	24	13.5	4.4	286	8.0	3.8	<0.5	35	1.16	0.050
2696631	Drill Core	3.22	18.5	55.8	58.7	19	0.8	44.1	6.7	305	5.80	30	4.9	3.0	580	<0.5	6.0	<0.5	23	2.50	0.043
2696632	Drill Core	3.54	35.8	36.0	19.4	359	<0.5	71.7	9.0	57	2.06	19	9.5	4.2	96	2.6	5.7	<0.5	62	0.49	0.058
2696633	Pulp DUP		36.3	36.5	19.2	368	<0.5	70.3	9.1	58	2.06	19	9.6	4.1	88	2.7	5.8	<0.5	60	0.47	0.057
2696634	Drill Core	4.13	36.4	45.7	21.8	192	<0.5	74.8	10.2	58	2.20	23	9.4	4.8	122	1.3	6.9	<0.5	43	0.58	0.062
2696635	Drill Core	3.68	25.9	40.4	16.7	258	<0.5	66.2	9.6	159	2.04	17	6.5	4.6	580	1.8	4.8	<0.5	39	2.48	0.050
2696636	Drill Core	3.15	26.1	38.9	12.9	715	<0.5	77.5	9.8	143	1.98	16	7.6	3.8	430	5.7	4.0	<0.5	42	1.87	0.049
2696637	Drill Core	2.37	26.7	34.4	13.9	15	<0.5	73.7	9.0	303	1.92	15	7.7	3.6	1083	<0.5	4.2	<0.5	47	6.95	0.058
2696638	Drill Core	3.11	28.4	56.3	36.2	33	0.5	85.5	9.8	264	4.17	24	8.7	4.2	543	<0.5	6.3	<0.5	47	2.13	0.051
2696639	Drill Core	1.86	30.1	30.5	15.1	493	<0.5	86.7	10.7	139	1.88	16	8.5	4.3	216	3.9	3.3	<0.5	40	1.16	0.050
2696640	Drill Core	3.55	20.7	50.4	27.3	22	<0.5	49.5	8.6	360	6.76	30	6.3	3.0	277	<0.5	4.8	<0.5	21	1.35	0.047
2696641	Drill Core	2.59	37.5	35.6	17.6	85	<0.5	70.1	9.8	102	2.66	21	9.0	4.7	230	0.5	5.6	<0.5	38	0.93	0.056
2696642	Drill Core	0.64	8.0	5.5	1.0	850	<0.5	10.1	1.3	104	0.45	<5	3.8	<0.5	751	5.4	0.7	<0.5	<10	1.75	0.008
2696643	Rock Pulp	0.02	1.8	55.9	3.4	39	<0.5	6.2	8.6	422	2.77	<5	0.9	2.8	81	<0.5	<0.5	<0.5	96	0.96	0.056
2696644	Drill Core	4.10	16.2	36.3	18.4	170	<0.5	56.9	8.5	184	4.74	21	4.5	4.2	146	1.1	3.6	<0.5	29	0.57	0.054
2696645	Drill Core	3.71	14.8	37.6	19.4	33	<0.5	41.2	8.0	289	5.16	25	4.7	3.6	399	<0.5	3.3	<0.5	19	1.91	0.059
2696646	Drill Core	3.46	17.9	36.1	20.6	201	<0.5	57.1	9.5	285	3.82	19	5.0	4.5	452	1.5	3.2	<0.5	30	2.08	0.054
2696647	Drill Core	3.91	14.6	23.0	11.4	477	<0.5	55.0	9.4	323	2.56	12	4.0	4.8	806	3.0	2.0	<0.5	29	4.06	0.057
2696648	Drill Core	2.33	15.6	27.8	16.1	344	<0.5	54.7	7.8	319	3.20	14	4.4	4.6	789	1.9	2.3	<0.5	34	3.98	0.053

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2696619	Drill Core	16.5	4.2	0.08	842	0.015	0.43	<0.01	0.19	<0.5	0.05	1.0	1.1	1.29	<5	<2	3899	2.53
2696620	Drill Core	15.6	3.2	0.05	946	0.024	0.41	<0.01	0.18	<0.5	<0.05	1.6	1.0	1.30	<5	<2	4495	2.51
2696621	Drill Core	14.8	4.1	0.04	907	0.005	0.44	<0.01	0.21	<0.5	0.11	0.8	1.0	1.56	<5	2	4899	2.52
2696622	Drill Core	12.6	4.4	0.03	1124	0.005	0.39	<0.01	0.19	<0.5	0.11	1.2	0.8	2.23	<5	5	5436	2.51
2696623	Rock Pulp	6.8	44.7	1.65	219	0.011	1.40	0.01	0.12	0.9	7.83	3.0	8.6	8.15	7	39	686	I.S.
2696624	Drill Core	11.3	4.5	0.06	831	0.005	0.39	<0.01	0.18	<0.5	0.13	1.3	0.8	1.73	<5	4	4135	2.50
2696625	Drill Core	16.6	4.5	0.03	2372	0.004	0.70	<0.01	0.18	<0.5	0.09	1.5	1.1	1.61	<5	3	13813	2.54
2696626	Drill Core	13.5	5.4	0.03	441	0.005	0.77	<0.01	0.18	<0.5	0.14	1.6	2.8	5.24	<5	4	15185	2.60
2696627	Drill Core	18.6	4.2	0.03	1782	0.005	0.70	<0.01	0.20	<0.5	0.11	1.4	1.5	2.07	<5	3	14032	2.55
2696628	Drill Core	17.1	4.5	0.04	974	0.005	0.69	<0.01	0.21	<0.5	0.11	1.5	1.9	2.86	<5	2	13186	2.56
2696629	Drill Core	12.0	4.1	0.04	502	0.005	0.73	<0.01	0.17	<0.5	0.15	1.6	2.3	4.27	<5	3	16002	2.57
2696630	Drill Core	15.6	5.4	0.05	1348	0.006	0.66	<0.01	0.19	<0.5	0.08	1.7	1.4	2.29	<5	4	11029	2.47
2696631	Drill Core	10.1	4.6	0.05	356	0.005	0.73	<0.01	0.14	<0.5	0.18	1.7	3.6	6.26	<5	3	13723	2.63
2696632	Drill Core	19.1	6.4	0.05	1802	0.007	1.08	<0.01	0.21	<0.5	0.07	1.9	1.2	1.90	<5	4	20406	2.48
2696633	Pulp DUP	18.3	6.4	0.05	1764	0.007	1.08	<0.01	0.20	<0.5	0.09	1.8	1.2	1.88	<5	5	20220	2.48
2696634	Drill Core	18.9	4.8	0.04	1636	0.006	0.88	<0.01	0.20	<0.5	0.09	1.9	1.3	2.19	<5	4	17319	2.52
2696635	Drill Core	16.8	5.7	0.06	1792	0.006	0.55	<0.01	0.21	<0.5	0.10	1.7	1.0	2.17	<5	4	8991	2.52
2696636	Drill Core	15.1	4.8	0.06	2024	0.006	0.46	<0.01	0.19	<0.5	0.07	1.6	1.0	2.21	<5	4	7103	2.54
2696637	Drill Core	16.4	4.8	0.11	2209	0.005	0.48	<0.01	0.18	<0.5	0.06	1.9	1.1	2.06	<5	4	7249	2.53
2696638	Drill Core	12.8	5.2	0.07	765	0.006	0.45	<0.01	0.20	<0.5	0.15	2.2	2.3	4.62	<5	5	5645	2.58
2696639	Drill Core	16.5	4.6	0.04	1392	0.004	0.65	<0.01	0.17	<0.5	0.11	2.0	1.2	1.92	<5	4	12960	2.55
2696640	Drill Core	12.1	4.5	0.04	266	0.005	1.00	<0.01	0.15	<0.5	0.41	1.9	5.1	7.42	<5	3	22611	2.63
2696641	Drill Core	17.8	5.1	0.04	1248	0.005	1.20	<0.01	0.18	<0.5	0.16	1.9	1.9	2.43	<5	3	26759	2.51
2696642	Drill Core	2.3	1.8	0.01	3248	<0.001	0.17	<0.01	0.03	<0.5	<0.05	<0.5	<0.5	0.37	<5	<2	7309	2.57
2696643	Rock Pulp	7.4	10.8	0.69	120	0.143	1.65	0.19	0.20	2.5	<0.05	2.4	<0.5	<0.05	<5	<2	571	I.S.
2696644	Drill Core	15.5	6.1	0.05	503	0.006	0.94	<0.01	0.19	<0.5	0.33	1.8	4.6	4.93	<5	2	19641	2.65
2696645	Drill Core	12.6	4.3	0.03	470	0.004	1.01	<0.01	0.14	<0.5	0.38	2.4	4.9	5.34	<5	<2	23294	2.64
2696646	Drill Core	15.8	5.7	0.06	658	0.005	0.75	<0.01	0.21	<0.5	0.19	2.4	3.2	4.08	<5	<2	15505	2.62
2696647	Drill Core	17.5	5.0	0.07	1263	0.005	0.56	<0.01	0.19	<0.5	0.12	2.6	1.7	2.76	<5	3	12905	2.57
2696648	Drill Core	16.3	5.7	0.08	847	0.005	0.64	<0.01	0.20	<0.5	0.17	2.6	1.7	3.41	<5	2	12819	2.53

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

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
2696649	Drill Core	3.59	15.6	43.0	23.6	66	<0.5	47.8	9.1	287	5.39	25	5.3	4.0	281	<0.5	3.8	<0.5	20	1.12	0.054
2696650	Drill Core	3.66	13.6	47.9	29.0	148	<0.5	47.5	8.6	448	7.40	26	6.2	3.8	549	0.9	3.5	<0.5	19	2.21	0.051
2696651	Drill Core	4.20	15.9	38.5	22.9	194	<0.5	51.2	9.8	325	6.20	22	5.0	3.9	273	1.2	2.9	<0.5	19	1.11	0.052
2696652	Drill Core	3.25	16.0	39.2	14.9	598	<0.5	54.6	9.3	235	4.45	16	5.6	4.2	246	3.6	2.1	<0.5	24	1.27	0.063
2696653	Rock Pulp	0.07	21.5	3864.8	15543.7	29622	99.8	35.2	25.3	956	8.79	526	1.2	1.1	35	184.5	149.3	11.4	33	1.53	0.041
2696654	Drill Core	3.74	12.1	32.4	19.3	28	<0.5	45.0	8.8	213	5.08	16	5.0	4.9	249	<0.5	2.0	<0.5	18	1.60	0.071
2696655	Drill Core	3.33	13.8	25.9	16.1	18	<0.5	41.2	8.9	328	4.83	17	6.5	4.8	433	<0.5	1.8	<0.5	16	1.85	0.060
2696656	Drill Core	3.98	15.9	34.3	17.6	432	<0.5	48.9	8.8	451	5.04	17	4.8	3.3	604	2.6	2.4	<0.5	20	3.38	0.064
2696657	Drill Core	4.32	13.1	42.4	23.1	238	<0.5	48.2	7.8	370	6.40	22	3.6	3.0	327	1.5	3.6	<0.5	18	1.55	0.051
2696658	Drill Core	3.96	14.9	31.4	15.6	26	<0.5	45.9	8.9	388	4.77	17	5.0	3.6	359	<0.5	2.5	<0.5	16	1.76	0.053
2696659	Drill Core	4.27	15.5	40.4	21.4	298	<0.5	54.9	9.4	278	5.78	23	4.9	3.9	168	1.7	3.0	<0.5	17	0.88	0.063
2696660	Drill Core	3.98	18.2	33.7	14.6	460	<0.5	63.6	10.5	257	3.89	17	5.5	4.1	229	2.3	2.3	<0.5	22	1.14	0.065
2696661	Drill Core	4.14	13.8	43.6	25.5	65	<0.5	45.4	9.0	537	6.93	23	4.3	2.8	411	0.6	3.2	<0.5	16	2.56	0.053
2696662	Drill Core	4.40	14.8	42.6	27.5	28	<0.5	54.8	9.1	475	6.69	26	4.3	2.8	240	<0.5	3.4	<0.5	20	1.17	0.056
2696663	Core DUP		13.9	41.5	26.5	28	<0.5	52.9	8.8	469	6.64	24	4.2	3.1	218	<0.5	3.2	<0.5	17	1.11	0.056
2696664	Drill Core	4.06	12.6	32.2	16.4	17	<0.5	50.6	9.2	281	4.41	19	3.9	4.5	129	<0.5	2.3	<0.5	22	0.64	0.072
2696665	Drill Core	4.41	12.8	37.3	25.1	41	<0.5	51.0	8.8	425	6.17	23	4.3	3.7	239	<0.5	3.2	<0.5	18	1.10	0.062
2696666	Drill Core	3.86	17.8	45.5	22.5	130	<0.5	62.6	9.5	422	6.56	24	4.8	2.8	281	0.9	3.2	<0.5	24	1.57	0.052
2696667	Drill Core	3.50	13.3	47.7	30.8	73	<0.5	51.9	9.5	587	8.08	28	4.6	3.2	268	<0.5	4.1	<0.5	17	1.25	0.049
2696668	Drill Core	2.66	16.1	42.5	26.4	133	<0.5	57.3	9.2	548	6.04	23	4.7	3.3	518	0.8	3.4	<0.5	20	2.46	0.045
2696669	Drill Core	3.71	15.8	45.8	27.0	351	<0.5	52.5	8.7	374	7.11	25	5.2	3.2	300	1.8	3.4	<0.5	16	1.81	0.053
2696670	Drill Core	4.02	16.7	52.3	28.6	100	<0.5	56.7	9.5	433	7.41	26	6.1	2.9	171	0.6	3.8	<0.5	21	1.23	0.062
2696671	Drill Core	4.15	17.8	41.1	20.9	270	<0.5	60.0	10.0	341	6.12	22	5.9	3.1	186	1.6	3.0	<0.5	21	1.09	0.053
2696672	Drill Core	4.29	18.4	35.5	16.2	1216	<0.5	59.9	10.3	237	4.25	19	5.6	3.5	162	7.6	2.5	<0.5	25	0.89	0.055
2696673	Rock Pulp	0.02	1.8	50.7	3.6	38	<0.5	5.0	7.9	400	2.62	<5	0.8	2.6	68	<0.5	<0.5	<0.5	92	0.84	0.054
2696674	Drill Core	4.55	13.9	36.1	16.5	138	<0.5	54.3	12.0	261	4.53	18	4.6	3.9	133	0.8	2.6	<0.5	19	0.74	0.077
2696675	Drill Core	4.09	12.6	58.1	33.5	93	<0.5	47.3	9.0	461	9.13	31	4.3	2.9	431	0.7	4.3	<0.5	16	2.44	0.050
2696676	Drill Core	4.01	13.1	46.3	26.9	30	<0.5	45.2	7.8	562	7.72	24	4.1	3.1	623	0.6	3.3	<0.5	16	3.44	0.050
2696677	Drill Core	3.79	12.6	43.7	22.9	141	<0.5	55.2	10.4	354	6.10	24	3.8	3.3	160	0.8	3.4	<0.5	18	1.04	0.057
2696678	Drill Core	4.35	11.7	47.6	24.7	75	<0.5	56.2	10.0	555	6.44	26	3.2	3.1	283	0.7	4.1	<0.5	18	2.47	0.076

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2696649	Drill Core	14.4	5.0	0.05	419	0.004	0.88	<0.01	0.17	<0.5	0.19	1.9	4.7	5.66	<5	2	21200	2.61
2696650	Drill Core	11.3	5.5	0.08	245	0.005	0.67	<0.01	0.17	<0.5	0.47	1.7	8.7	8.23	<5	<2	14927	2.67
2696651	Drill Core	13.3	4.9	0.05	332	0.005	0.66	<0.01	0.18	<0.5	0.37	1.8	6.7	6.69	<5	<2	14652	2.63
2696652	Drill Core	17.3	5.1	0.05	504	0.005	0.91	<0.01	0.19	<0.5	0.33	1.7	4.6	4.69	<5	<2	21443	2.63
2696653	Rock Pulp	7.1	45.4	1.58	228	0.011	1.34	<0.01	0.12	0.9	7.58	2.8	8.3	7.73	7	37	716	2.93
2696654	Drill Core	16.6	4.5	0.06	404	0.004	0.74	<0.01	0.18	<0.5	0.36	2.0	5.3	5.45	<5	2	19615	2.60
2696655	Drill Core	14.7	4.0	0.05	485	0.004	0.61	<0.01	0.18	<0.5	0.27	1.8	4.5	5.23	<5	<2	16109	2.58
2696656	Drill Core	10.0	4.0	0.05	408	0.004	0.66	<0.01	0.16	<0.5	0.37	2.0	5.2	5.48	<5	<2	17181	2.60
2696657	Drill Core	8.2	3.4	0.04	248	0.003	1.04	<0.01	0.16	<0.5	0.32	2.1	5.0	7.01	<5	<2	27151	2.67
2696658	Drill Core	10.6	3.9	0.05	376	0.003	0.72	<0.01	0.17	<0.5	0.21	2.1	3.6	5.22	<5	<2	17163	2.63
2696659	Drill Core	10.6	3.0	0.04	280	0.003	0.61	<0.01	0.17	<0.5	0.43	1.8	6.3	6.59	<5	<2	14987	2.64
2696660	Drill Core	12.0	3.9	0.04	445	0.003	0.75	<0.01	0.17	<0.5	0.24	1.8	4.4	4.23	<5	<2	18596	2.60
2696661	Drill Core	7.4	3.3	0.05	201	0.003	0.67	<0.01	0.15	<0.5	0.48	1.9	9.2	7.71	<5	<2	16665	2.65
2696662	Drill Core	9.8	3.3	0.04	244	0.004	1.03	<0.01	0.16	<0.5	0.41	1.8	6.7	7.39	<5	<2	26002	2.63
2696663	Core DUP	9.1	2.9	0.04	266	0.003	1.00	<0.01	0.15	<0.5	0.34	2.4	6.3	7.33	<5	<2	26083	2.64
2696664	Drill Core	14.9	3.9	0.05	453	0.004	1.46	<0.01	0.18	<0.5	0.23	2.3	4.3	4.50	<5	<2	35208	2.61
2696665	Drill Core	12.4	3.1	0.05	250	0.003	1.07	<0.01	0.17	<0.5	0.36	2.2	5.7	6.78	<5	<2	27214	2.61
2696666	Drill Core	8.8	3.3	0.04	239	0.004	1.21	<0.01	0.15	<0.5	0.42	2.2	8.5	7.09	<5	<2	28220	2.67
2696667	Drill Core	9.4	2.6	0.04	179	0.004	0.73	<0.01	0.16	<0.5	0.45	1.8	8.2	9.20	<5	<2	19862	2.67
2696668	Drill Core	9.9	3.6	0.05	293	0.004	0.85	<0.01	0.15	<0.5	0.36	2.2	6.0	6.55	<5	<2	23750	2.62
2696669	Drill Core	8.5	2.6	0.05	248	0.003	0.79	<0.01	0.14	<0.5	0.44	1.7	8.7	8.00	<5	<2	19395	2.61
2696670	Drill Core	8.9	3.5	0.05	214	0.004	1.04	<0.01	0.16	<0.5	0.58	1.9	10.1	8.22	<5	<2	26464	2.64
2696671	Drill Core	10.2	3.2	0.04	250	0.003	1.13	<0.01	0.16	<0.5	0.49	2.1	7.3	6.65	<5	<2	29973	2.63
2696672	Drill Core	11.1	4.0	0.04	436	0.004	1.22	<0.01	0.17	<0.5	0.41	2.3	4.8	4.49	<5	<2	30127	2.62
2696673	Rock Pulp	6.8	9.7	0.70	116	0.127	1.47	0.15	0.19	2.4	<0.05	1.9	<0.5	<0.05	<5	<2	611	I.S.
2696674	Drill Core	13.1	3.6	0.04	395	0.003	1.50	<0.01	0.18	<0.5	0.31	2.3	5.0	4.57	<5	<2	36609	2.60
2696675	Drill Core	7.7	3.4	0.06	164	0.004	0.88	<0.01	0.18	<0.5	0.54	2.2	12.8	10.07	<5	<2	21681	2.69
2696676	Drill Core	7.8	2.8	0.06	202	0.004	0.51	<0.01	0.15	<0.5	0.45	2.0	10.1	8.60	<5	<2	13976	2.64
2696677	Drill Core	10.1	3.4	0.05	257	0.004	1.03	<0.01	0.18	<0.5	0.41	2.2	7.0	6.70	<5	<2	24902	2.66
2696678	Drill Core	8.6	3.0	0.05	251	0.003	0.97	<0.01	0.15	<0.5	0.37	1.9	7.8	6.99	<5	<2	25533	2.68

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

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
2696679	Drill Core	4.09	14.5	40.8	22.5	42	<0.5	49.2	8.8	435	5.62	23	4.5	3.5	311	<0.5	3.6	<0.5	18	1.87	0.059
2696680	Drill Core	3.93	16.0	34.5	16.4	71	<0.5	54.3	9.0	198	4.43	21	4.5	4.1	175	0.5	3.1	<0.5	21	0.91	0.058
2696681	Drill Core	3.91	17.1	44.9	27.6	27	<0.5	49.5	8.6	240	6.78	29	5.6	3.1	119	<0.5	4.5	<0.5	19	0.76	0.046
2696682	Drill Core	4.35	16.4	63.0	35.1	29	<0.5	48.2	7.9	358	8.65	36	5.0	2.8	205	<0.5	6.3	<0.5	17	0.85	0.039
2696683	Rock Pulp	0.08	21.7	3986.6	15317.8	31444	105.6	34.5	25.7	974	8.90	556	1.2	1.2	36	197.0	159.1	12.5	34	1.59	0.038
2696684	Drill Core	4.28	14.4	49.7	29.2	74	<0.5	49.2	8.3	371	6.93	27	5.1	3.6	526	0.7	5.1	<0.5	21	2.46	0.049
2696685	Drill Core	3.81	17.0	34.3	18.8	46	<0.5	45.7	8.5	396	4.22	22	6.3	3.5	825	<0.5	3.0	<0.5	17	4.46	0.058
2696686	Drill Core	3.92	13.8	26.1	12.6	27	<0.5	41.7	7.5	300	3.86	15	5.1	3.6	338	<0.5	2.1	<0.5	19	2.11	0.064
2696687	Drill Core	4.99	12.9	33.9	21.2	29	<0.5	40.8	6.8	485	5.62	24	4.3	3.2	255	<0.5	3.5	<0.5	19	2.28	0.064
2696688	Drill Core	3.97	13.8	41.7	32.5	37	<0.5	44.6	7.8	419	6.96	34	5.6	2.6	160	<0.5	4.6	<0.5	17	0.81	0.069
2696689	Drill Core	3.86	14.6	39.9	26.4	18	<0.5	46.6	7.8	214	5.54	26	4.3	3.2	121	<0.5	4.1	<0.5	21	0.62	0.056
2696690	Drill Core	3.21	20.5	29.9	21.7	19	<0.5	54.2	9.1	231	4.51	21	5.8	3.6	201	<0.5	3.1	<0.5	25	0.73	0.048
2696691	Drill Core	4.04	16.0	21.3	8.4	827	<0.5	65.3	12.0	233	1.84	12	3.7	5.1	486	5.8	1.4	<0.5	29	2.63	0.061
2696692	Drill Core	3.77	16.6	25.1	12.6	777	<0.5	53.8	9.0	229	3.09	14	4.7	3.9	385	5.7	2.0	<0.5	20	1.91	0.063
2696693	Pulp DUP		16.2	24.1	13.2	761	<0.5	54.2	9.6	226	3.07	13	4.8	4.0	371	5.3	2.0	<0.5	19	1.90	0.061
2696694	Drill Core	4.37	11.9	49.9	21.6	26	<0.5	39.1	6.2	250	6.74	28	3.8	2.5	141	0.5	4.8	<0.5	16	0.71	0.050
2696695	Drill Core	4.28	14.6	30.1	16.8	25	<0.5	42.6	7.8	209	4.74	19	5.1	3.3	178	<0.5	2.7	<0.5	18	0.91	0.048
2696696	Drill Core	4.12	18.0	37.1	23.1	26	<0.5	50.2	7.4	273	4.68	21	5.0	3.0	297	<0.5	3.4	<0.5	25	1.22	0.046
2696697	Drill Core	3.35	15.6	35.2	20.3	48	<0.5	52.7	8.0	238	5.04	23	5.0	2.9	221	<0.5	3.5	<0.5	21	1.06	0.050
2696698	Drill Core	4.57	15.5	47.4	20.9	26	<0.5	41.7	7.9	253	6.21	27	5.4	2.9	208	<0.5	4.4	<0.5	16	1.02	0.050
2696699	Drill Core	3.64	15.3	37.1	24.4	29	<0.5	47.4	7.5	277	5.18	26	4.6	3.0	223	<0.5	3.9	<0.5	21	1.07	0.054
2696700	Drill Core	3.40	14.5	20.5	7.1	860	<0.5	53.0	9.4	277	1.51	8	3.4	4.9	713	5.5	1.3	<0.5	30	3.93	0.055
2696701	Drill Core	4.45	13.0	34.0	18.2	325	<0.5	49.7	8.8	410	4.45	19	4.7	3.2	938	2.5	3.2	<0.5	21	3.78	0.050
2696702	Drill Core	3.78	13.0	39.0	16.9	17	<0.5	51.8	7.8	194	4.46	25	3.9	3.8	101	<0.5	3.5	<0.5	23	0.49	0.052
2696703	Rock Pulp	0.02	1.8	48.6	3.1	33	<0.5	4.2	8.0	413	2.64	<5	0.8	2.5	71	<0.5	<0.5	<0.5	94	0.85	0.055
2696704	Drill Core	3.72	14.0	40.1	20.5	37	<0.5	44.7	7.9	250	5.66	26	5.2	2.9	210	<0.5	4.0	<0.5	18	1.05	0.052
2696705	Drill Core	4.21	13.3	36.6	23.6	32	<0.5	40.4	6.9	285	5.24	24	3.7	3.0	308	<0.5	3.7	<0.5	20	1.60	0.058
2696706	Drill Core	3.75	15.7	43.4	32.7	25	<0.5	46.7	7.1	344	5.91	30	4.5	3.2	270	0.5	4.4	<0.5	22	1.09	0.048
2696707	Drill Core	3.88	19.8	25.6	13.1	78	<0.5	52.0	10.1	180	3.25	17	5.9	3.9	206	<0.5	2.2	<0.5	21	1.02	0.061
2696708	Drill Core	3.92	15.1	26.1	16.7	294	<0.5	49.7	8.5	210	3.67	18	3.7	4.0	329	2.2	2.7	<0.5	23	1.72	0.042

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2696679	Drill Core	9.4	3.5	0.05	287	0.004	0.78	<0.01	0.16	<0.5	0.31	2.0	5.6	6.23	<5	<2	21205	2.54
2696680	Drill Core	12.6	3.5	0.05	414	0.004	0.83	<0.01	0.18	<0.5	0.33	1.9	5.1	4.87	<5	<2	20886	2.56
2696681	Drill Core	9.3	3.4	0.04	229	0.004	0.73	<0.01	0.16	0.5	0.38	1.5	6.7	7.75	<5	<2	20295	2.61
2696682	Drill Core	7.5	2.6	0.04	165	0.003	0.47	<0.01	0.14	<0.5	0.57	1.1	9.8	10.17	<5	<2	14412	2.66
2696683	Rock Pulp	7.2	44.6	1.62	225	0.011	1.35	<0.01	0.13	1.0	8.12	3.2	8.9	8.15	7	38	745	I.S.
2696684	Drill Core	8.8	3.4	0.05	258	0.004	0.52	<0.01	0.16	<0.5	0.51	1.6	8.6	7.89	<5	3	14584	2.64
2696685	Drill Core	11.2	3.2	0.04	519	0.003	0.44	<0.01	0.14	<0.5	0.25	1.6	4.7	4.78	<5	<2	13646	2.53
2696686	Drill Core	11.7	3.5	0.04	475	0.004	0.71	<0.01	0.15	<0.5	0.24	1.6	4.2	4.20	<5	<2	19793	2.53
2696687	Drill Core	8.7	3.7	0.04	269	0.004	0.71	<0.01	0.14	<0.5	0.30	1.3	5.4	6.19	<5	2	22152	2.58
2696688	Drill Core	8.5	3.1	0.03	194	0.003	0.56	<0.01	0.12	<0.5	0.25	1.2	5.9	8.06	<5	<2	22083	2.65
2696689	Drill Core	9.8	3.9	0.03	266	0.004	0.88	<0.01	0.14	<0.5	0.32	1.9	5.8	6.16	<5	<2	26377	2.60
2696690	Drill Core	11.1	3.7	0.04	408	0.003	0.69	<0.01	0.15	0.5	0.20	1.4	3.7	5.05	<5	<2	25214	2.52
2696691	Drill Core	18.1	4.7	0.06	1670	0.004	1.34	<0.01	0.18	<0.5	0.21	2.4	1.4	1.56	<5	<2	34776	2.61
2696692	Drill Core	13.3	3.2	0.04	609	0.003	1.05	<0.01	0.15	<0.5	0.25	2.3	2.2	3.17	<5	<2	29683	2.57
2696693	Pulp DUP	12.5	2.4	0.04	686	0.003	1.03	<0.01	0.15	0.5	0.26	2.1	2.4	3.14	<5	<2	29593	2.58
2696694	Drill Core	7.6	2.6	0.03	238	0.002	0.96	<0.01	0.12	1.2	0.48	1.6	9.3	7.52	<5	<2	28226	2.69
2696695	Drill Core	9.7	2.6	0.04	369	0.003	0.87	<0.01	0.14	0.6	0.22	1.9	4.7	5.20	<5	<2	24819	2.56
2696696	Drill Core	9.4	3.5	0.04	368	0.003	0.70	<0.01	0.15	0.6	0.25	1.6	4.1	5.24	<5	<2	23349	2.58
2696697	Drill Core	10.2	2.5	0.04	346	0.003	1.02	<0.01	0.14	<0.5	0.29	1.4	5.7	5.46	<5	<2	29456	2.62
2696698	Drill Core	9.3	2.5	0.03	244	0.003	0.78	<0.01	0.13	0.6	0.41	1.3	9.2	7.00	<5	<2	22946	2.59
2696699	Drill Core	9.8	2.4	0.04	353	0.003	0.84	<0.01	0.13	0.5	0.33	0.9	5.2	5.76	<5	<2	24348	2.62
2696700	Drill Core	18.2	3.3	0.07	1840	0.003	0.90	<0.01	0.19	<0.5	0.22	2.8	1.2	1.49	<5	<2	23931	2.58
2696701	Drill Core	9.4	2.2	0.06	354	0.003	1.12	<0.01	0.14	<0.5	0.30	1.4	4.8	4.58	<5	<2	30082	2.65
2696702	Drill Core	13.2	4.0	0.04	505	0.003	1.45	<0.01	0.13	<0.5	0.32	1.3	5.9	4.54	<5	<2	38145	2.65
2696703	Rock Pulp	6.9	9.1	0.71	124	0.127	1.49	0.15	0.20	2.8	0.05	1.7	<0.5	<0.05	<5	<2	602	I.S.
2696704	Drill Core	9.3	2.6	0.04	274	0.003	0.84	<0.01	0.14	0.5	0.32	1.5	7.5	6.29	<5	<2	29253	2.60
2696705	Drill Core	9.7	3.0	0.06	321	0.003	1.04	<0.01	0.13	<0.5	0.26	1.2	5.1	5.62	<5	<2	28474	2.61
2696706	Drill Core	8.8	3.0	0.03	281	0.003	0.61	<0.01	0.13	<0.5	0.30	0.6	6.0	6.74	<5	<2	23726	2.66
2696707	Drill Core	14.1	2.8	0.04	678	0.003	1.24	<0.01	0.14	0.7	0.17	1.1	3.3	3.21	<5	<2	33597	2.58
2696708	Drill Core	12.6	2.7	0.04	548	0.003	1.18	<0.01	0.14	<0.5	0.19	2.1	3.6	3.73	<5	<2	31180	2.58

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

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
2696709	Drill Core	4.19	13.3	26.4	21.4	31	<0.5	51.9	7.9	390	4.35	22	3.3	3.5	632	<0.5	2.7	<0.5	25	3.55	0.047
2696710	Drill Core	4.08	14.2	15.8	8.5	161	<0.5	56.2	8.7	400	2.14	11	3.1	5.0	1083	1.1	1.2	<0.5	29	5.44	0.051
2696711	Drill Core	4.39	14.8	19.3	12.0	40	<0.5	52.0	8.3	313	2.87	14	3.3	4.3	717	<0.5	1.8	<0.5	31	4.25	0.054
2696712	Drill Core	4.00	14.4	40.3	20.2	52	<0.5	49.9	8.6	209	5.59	24	3.8	3.6	214	0.6	4.5	<0.5	18	1.10	0.051
2696713	Rock Pulp	0.08	21.2	4070.9	15784.2	32060	105.7	36.3	23.9	1062	9.15	582	1.1	1.1	37	204.4	164.6	11.7	35	1.63	0.043
2696714	Drill Core	4.29	12.5	16.9	7.2	128	<0.5	55.9	8.0	39	1.84	12	2.9	4.4	42	0.7	1.3	<0.5	24	0.30	0.069
2696715	Drill Core	4.19	11.9	33.5	19.0	185	<0.5	48.1	8.6	423	4.09	19	3.2	4.0	289	1.5	2.8	<0.5	19	2.02	0.066
2696716	Drill Core	4.28	12.6	50.9	28.9	280	<0.5	54.2	10.1	416	5.69	29	3.5	3.3	235	2.1	4.3	<0.5	19	1.91	0.069
2696717	Drill Core	3.99	13.9	46.9	24.3	653	<0.5	58.1	10.7	362	5.10	26	4.0	4.0	165	3.9	4.0	<0.5	20	1.20	0.094
2696718	Drill Core	3.24	14.5	44.7	22.8	28	<0.5	47.7	8.5	373	6.12	27	4.5	3.2	524	<0.5	3.8	<0.5	14	2.67	0.045
2696719	Drill Core	3.90	16.8	30.3	13.0	16	<0.5	49.1	9.9	370	3.55	17	5.0	4.7	500	<0.5	2.5	<0.5	22	2.81	0.060
2696720	Drill Core	3.90	17.8	46.5	19.7	15	<0.5	55.0	10.1	373	4.84	24	6.0	4.3	367	<0.5	3.5	<0.5	28	2.46	0.085
2696721	Drill Core	4.12	14.0	80.5	37.8	26	0.7	46.0	8.7	469	9.03	37	4.3	3.2	474	0.6	6.9	<0.5	18	2.62	0.045
2696722	Drill Core	4.59	10.5	89.3	45.9	52	0.8	37.2	6.2	658	10.72	42	3.3	2.3	772	0.9	8.3	<0.5	14	4.60	0.049
2696723	Core DUP		10.3	91.6	47.0	53	0.9	36.5	6.2	623	10.89	45	3.4	2.6	761	0.9	8.9	<0.5	15	4.36	0.044
2696724	Drill Core	4.13	15.1	56.1	28.6	36	0.6	51.0	8.6	338	7.10	30	3.7	2.6	340	0.7	5.2	<0.5	18	1.88	0.044
2696725	Drill Core	3.29	20.1	24.4	7.1	42	<0.5	74.5	9.9	58	1.73	14	4.4	4.1	47	<0.5	1.7	<0.5	27	0.21	0.066
2696726	Drill Core	4.14	12.2	50.5	27.1	143	<0.5	54.3	8.9	466	6.86	32	10.6	2.4	217	0.6	5.0	<0.5	18	1.88	0.052
2696727	Drill Core	4.22	12.1	81.1	45.7	101	0.6	52.0	8.3	463	9.03	39	4.5	2.4	545	0.9	7.1	<0.5	32	2.40	0.034
2696728	Drill Core	3.60	18.6	44.6	20.1	120	<0.5	63.2	10.1	209	4.64	24	6.4	3.3	188	0.8	3.3	<0.5	32	0.94	0.049
2696729	Drill Core	3.63	24.2	21.5	6.5	1396	<0.5	79.6	10.6	204	1.42	14	13.5	3.8	109	8.5	1.5	<0.5	30	1.92	0.055
2696730	Drill Core	3.00	24.4	23.9	9.5	629	<0.5	80.9	9.5	104	2.24	17	6.4	3.3	159	3.4	2.1	<0.5	34	0.93	0.049
2696731	Drill Core	3.82	14.5	59.8	35.2	123	<0.5	64.6	9.2	255	6.21	31	5.6	2.8	290	<0.5	5.8	<0.5	31	1.43	0.043
2696732	Drill Core	3.87	12.6	49.4	23.0	34	<0.5	56.5	8.6	162	4.67	25	3.3	3.6	215	<0.5	4.1	<0.5	29	1.06	0.067
2696733	Rock Pulp	0.02	1.8	53.7	3.0	36	<0.5	4.9	8.6	401	2.54	<5	1.0	2.8	70	<0.5	<0.5	<0.5	94	0.79	0.054
2696734	Drill Core	3.78	19.5	23.7	8.4	24	<0.5	65.9	11.8	41	2.13	15	5.8	5.1	84	<0.5	2.1	<0.5	26	0.48	0.066
2696735	Drill Core	3.55	14.3	24.3	9.8	80	<0.5	63.9	9.8	70	2.08	14	4.9	5.2	93	<0.5	2.1	<0.5	27	0.59	0.075
2696736	Drill Core	3.54	9.9	113.1	65.2	131	1.0	49.4	7.8	503	10.93	53	6.6	2.0	782	0.9	12.7	<0.5	28	3.35	0.033
2696737	Drill Core	4.64	21.8	31.7	12.0	909	<0.5	83.5	13.0	111	1.79	14	6.7	4.7	211	6.1	2.1	<0.5	32	1.52	0.063
2696738	Drill Core	3.84	20.3	31.1	13.7	32	<0.5	70.3	11.8	287	1.97	13	4.5	4.3	518	<0.5	2.0	<0.5	32	4.56	0.063

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
	Unit	ppm	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	10	0.01
2696709	Drill Core	10.3	1.9	0.06	385	0.003	0.68	<0.01	0.15	<0.5	0.26	1.2	3.9	4.79	<5	<2	18833	2.58
2696710	Drill Core	14.5	3.3	0.08	1232	0.003	0.45	<0.01	0.16	<0.5	0.07	2.5	1.3	2.43	<5	<2	15034	2.58
2696711	Drill Core	13.4	2.8	0.07	756	0.003	0.55	<0.01	0.18	<0.5	0.15	2.4	2.5	3.16	<5	<2	16678	2.57
2696712	Drill Core	9.8	1.9	0.04	308	0.002	0.77	<0.01	0.14	<0.5	0.31	<0.5	8.1	6.29	<5	<2	20432	2.53
2696713	Rock Pulp	6.7	42.7	1.67	218	0.010	1.37	<0.01	0.12	0.9	8.98	2.3	9.6	8.33	8	39	710	I.S.
2696714	Drill Core	20.2	3.6	0.05	1923	0.003	1.35	<0.01	0.18	<0.5	0.11	1.3	1.5	1.58	<5	<2	31776	2.51
2696715	Drill Core	12.6	2.6	0.05	412	0.003	1.40	<0.01	0.16	<0.5	0.25	1.8	4.7	4.08	<5	<2	35749	2.55
2696716	Drill Core	10.5	2.7	0.05	288	0.003	1.15	<0.01	0.17	<0.5	0.41	1.7	8.1	6.14	<5	<2	31244	2.63
2696717	Drill Core	12.4	3.0	0.05	349	0.003	1.41	<0.01	0.17	<0.5	0.44	2.0	7.5	5.38	<5	3	37048	2.64
2696718	Drill Core	8.6	2.1	0.06	251	0.003	0.53	<0.01	0.14	0.6	0.35	1.4	9.8	6.96	<5	<2	17448	2.54
2696719	Drill Core	16.9	6.1	0.08	843	0.005	0.67	<0.01	0.19	<0.5	0.18	3.3	4.1	3.85	<5	<2	19088	2.49
2696720	Drill Core	14.6	6.4	0.08	451	0.006	0.74	<0.01	0.22	0.5	0.31	3.0	6.4	5.31	<5	<2	17991	2.50
2696721	Drill Core	8.7	4.8	0.07	259	0.004	0.63	<0.01	0.17	<0.5	0.62	3.2	15.7	10.10	<5	2	16352	2.58
2696722	Drill Core	6.4	4.0	0.07	195	0.003	0.50	<0.01	0.13	<0.5	0.57	2.0	19.1	12.21	<5	3	15619	2.72
2696723	Core DUP	6.4	4.4	0.07	195	0.004	0.51	<0.01	0.14	<0.5	0.67	2.1	19.5	12.50	<5	2	15704	2.75
2696724	Drill Core	7.7	2.5	0.05	194	0.002	0.88	<0.01	0.14	<0.5	0.42	1.2	11.7	7.92	<5	<2	22902	2.61
2696725	Drill Core	19.5	2.9	0.04	4126	0.003	2.43	<0.01	0.13	<0.5	0.15	2.3	2.5	0.85	<5	<2	57555	2.57
2696726	Drill Core	7.7	2.8	0.06	204	0.002	0.92	<0.01	0.14	<0.5	0.36	1.6	9.1	7.56	<5	<2	31144	2.60
2696727	Drill Core	6.2	5.0	0.06	197	0.003	0.61	<0.01	0.13	<0.5	0.49	1.9	12.7	10.23	<5	3	20181	2.69
2696728	Drill Core	10.7	5.0	0.05	407	0.004	1.37	<0.01	0.16	<0.5	0.21	1.7	5.0	4.68	<5	<2	34689	2.60
2696729	Drill Core	15.6	4.4	0.06	3704	0.003	1.95	<0.01	0.13	<0.5	0.28	2.1	1.6	0.80	<5	<2	46822	2.55
2696730	Drill Core	13.9	4.4	0.04	1096	0.003	1.45	<0.01	0.13	<0.5	0.20	1.6	2.1	1.90	<5	<2	32180	2.52
2696731	Drill Core	9.1	4.3	0.05	273	0.003	1.09	<0.01	0.14	<0.5	0.39	1.7	7.3	6.78	<5	3	28784	2.55
2696732	Drill Core	12.6	5.1	0.05	430	0.004	1.74	<0.01	0.15	<0.5	0.28	2.0	5.1	4.54	<5	<2	41785	2.58
2696733	Rock Pulp	7.2	10.4	0.70	119	0.121	1.51	0.16	0.19	2.5	<0.05	2.2	<0.5	<0.05	<5	<2	627	I.S.
2696734	Drill Core	18.5	5.2	0.06	1117	0.004	1.08	<0.01	0.20	<0.5	0.06	1.9	1.7	2.05	<5	<2	26237	2.43
2696735	Drill Core	21.7	5.3	0.05	1359	0.004	1.62	<0.01	0.19	<0.5	0.08	2.2	1.6	1.65	<5	<2	38998	2.44
2696736	Drill Core	5.1	4.0	0.05	120	0.003	0.44	<0.01	0.11	<0.5	0.60	1.4	10.7	12.61	<5	4	18970	2.71
2696737	Drill Core	17.6	5.3	0.05	1728	0.004	1.42	<0.01	0.17	<0.5	0.21	2.6	1.5	1.53	<5	2	34373	2.54
2696738	Drill Core	18.5	5.1	0.09	1351	0.004	1.27	<0.01	0.16	<0.5	0.08	2.5	1.2	1.71	<5	<2	30752	2.51

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

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
2696739	Drill Core	3.90	20.7	26.8	17.3	20	<0.5	68.7	11.8	156	2.75	19	6.6	4.1	592	<0.5	2.4	<0.5	27	2.69	0.044
2696740	Drill Core	2.63	21.1	32.0	19.1	267	<0.5	67.9	10.7	244	2.41	18	6.6	4.1	724	1.8	2.5	<0.5	26	3.22	0.045
2696741	Drill Core	2.92	25.2	35.9	16.0	4006	<0.5	86.9	12.4	99	1.80	15	6.7	4.5	189	28.3	2.4	<0.5	31	1.35	0.058
2696742	Drill Core	4.17	26.9	35.0	15.3	180	<0.5	94.3	13.0	113	1.81	16	6.3	4.9	215	1.2	2.4	<0.5	34	1.58	0.052
2696743	Rock Pulp	0.08	22.5	4025.8	15791.6	31437	105.0	36.1	26.7	970	8.82	550	1.2	1.1	35	188.4	147.6	11.5	47	1.56	0.040
2696744	Drill Core	3.58	27.1	34.0	14.7	27	<0.5	87.6	11.1	179	1.87	17	6.2	4.1	707	<0.5	2.4	<0.5	32	3.59	0.050
2696745	Drill Core	3.57	27.3	35.2	13.0	12	<0.5	85.8	11.4	210	1.95	15	7.1	4.0	293	<0.5	2.6	<0.5	34	2.63	0.056
2696746	Drill Core	4.13	13.5	62.0	36.5	27	0.6	60.3	8.9	228	5.28	31	3.0	3.6	312	<0.5	6.9	<0.5	33	1.36	0.047
2696747	Drill Core	4.19	17.1	30.8	16.6	40	<0.5	59.8	11.0	138	2.78	19	6.2	4.7	301	<0.5	3.1	<0.5	23	1.46	0.050
2696748	Drill Core	3.81	16.2	37.2	23.5	29	<0.5	57.1	10.0	151	3.32	22	6.1	5.0	333	<0.5	4.0	<0.5	25	1.32	0.051
2696749	Drill Core	4.06	21.7	27.0	10.7	1094	<0.5	73.7	11.0	170	1.94	15	6.0	4.3	494	7.4	2.3	<0.5	27	2.41	0.053
2696750	Drill Core	4.08	19.2	30.3	12.7	54	<0.5	74.8	11.0	85	2.04	16	4.6	4.6	133	<0.5	2.8	<0.5	35	0.72	0.063
2696751	Drill Core	3.88	10.9	132.1	75.3	31	1.9	41.9	6.3	333	12.14	65	3.3	2.7	226	1.0	22.8	<0.5	17	0.81	0.034
2696752	Drill Core	4.18	19.6	53.8	17.9	24	0.7	69.7	11.1	167	3.58	22	5.5	4.0	228	<0.5	6.3	<0.5	31	1.00	0.053
2696753	Pulp DUP		19.3	47.0	17.2	21	0.6	67.6	10.5	165	3.58	23	5.6	4.1	238	<0.5	6.1	<0.5	32	0.98	0.055
2696754	Drill Core	4.09	18.5	46.7	13.8	22	0.8	65.9	10.7	222	3.68	21	4.7	4.1	203	<0.5	7.1	<0.5	32	1.74	0.055
2696755	Drill Core	4.15	13.3	76.4	25.5	31	1.5	50.7	8.6	149	6.51	35	3.5	3.9	229	0.5	16.6	<0.5	24	0.78	0.046
2696756	Drill Core	3.84	16.7	48.7	23.8	31	0.9	46.5	9.5	252	4.69	28	4.9	3.7	769	<0.5	11.6	<0.5	23	2.85	0.047
2696757	Drill Core	2.17	12.2	36.4	18.5	23	0.6	37.8	6.4	701	3.68	19	3.8	2.3	1619	<0.5	8.7	<0.5	32	9.61	0.051
2696758	Drill Core	3.81	18.5	22.9	10.2	23	<0.5	56.0	10.4	162	2.53	19	5.3	4.4	383	<0.5	6.1	<0.5	24	1.84	0.048
2696759	Drill Core	4.10	18.5	24.0	10.3	23	<0.5	55.3	10.0	183	2.59	18	5.1	4.6	437	<0.5	5.9	<0.5	27	2.02	0.052
2696760	Drill Core	3.56	11.7	52.0	27.8	52	0.9	39.6	6.6	381	5.64	27	3.5	2.9	1178	0.5	16.0	<0.5	20	4.24	0.043
2696761	Drill Core	3.77	21.3	25.5	10.3	16	<0.5	61.2	11.0	54	2.48	19	6.0	4.9	143	<0.5	6.2	<0.5	26	0.52	0.051
2696762	Drill Core	3.30	15.8	19.7	7.8	10	<0.5	51.4	8.7	51	2.04	16	4.5	4.2	118	<0.5	6.0	<0.5	27	0.41	0.047
2696763	Rock Pulp	0.02	1.7	45.6	2.8	30	<0.5	4.4	7.8	427	2.64	<5	0.8	2.3	68	<0.5	<0.5	<0.5	97	0.86	0.053
2696764	Drill Core	3.29	12.7	18.9	7.3	10	<0.5	48.2	8.4	52	1.93	15	3.5	4.3	98	<0.5	5.2	<0.5	26	0.38	0.047
2696765	Drill Core	2.76	8.8	88.3	45.6	23	2.1	41.8	5.7	439	8.54	48	2.1	2.7	640	0.7	34.5	<0.5	25	3.02	0.048
2696766	Drill Core	3.28	18.3	26.9	9.5	58	<0.5	70.7	12.1	57	1.44	15	4.9	4.2	95	<0.5	5.5	<0.5	36	0.38	0.059
2696767	Drill Core	3.99	20.2	26.5	9.6	290	<0.5	65.2	9.9	82	1.52	15	5.4	4.2	515	2.3	5.7	<0.5	48	0.80	0.060
2696768	Drill Core	3.81	31.5	21.2	10.2	2317	<0.5	68.6	8.4	79	1.46	19	8.5	3.2	77	20.0	6.9	<0.5	106	0.25	0.046

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2696739	Drill Core	14.5	4.5	0.07	924	0.005	0.42	<0.01	0.19	<0.5	0.13	2.4	1.5	3.14	<5	3	10266	2.41
2696740	Drill Core	11.7	4.2	0.06	994	0.004	0.45	<0.01	0.16	<0.5	0.16	2.1	1.8	2.68	<5	<2	13124	2.52
2696741	Drill Core	15.7	4.7	0.05	1303	0.004	0.68	<0.01	0.17	<0.5	0.71	2.3	1.5	2.10	<5	3	17649	2.58
2696742	Drill Core	16.4	5.0	0.05	1613	0.004	1.09	<0.01	0.17	0.5	0.13	3.0	1.5	1.70	<5	2	28071	2.54
2696743	Rock Pulp	6.4	45.6	1.64	226	0.011	1.38	0.01	0.12	0.7	8.04	3.1	8.6	8.14	7	36	760	I.S.
2696744	Drill Core	17.3	4.8	0.05	1323	0.004	0.74	<0.01	0.17	<0.5	0.07	2.4	1.4	1.94	<5	3	20860	2.53
2696745	Drill Core	14.9	5.1	0.05	1298	0.004	1.10	<0.01	0.15	<0.5	0.10	2.4	1.7	1.81	<5	<2	27873	2.55
2696746	Drill Core	12.2	5.8	0.04	377	0.004	1.56	<0.01	0.16	<0.5	0.26	2.3	5.4	5.46	<5	3	37016	2.63
2696747	Drill Core	15.2	4.5	0.05	797	0.004	0.73	<0.01	0.17	<0.5	0.13	2.3	2.3	3.02	<5	2	20159	2.45
2696748	Drill Core	14.3	4.8	0.06	620	0.004	0.56	<0.01	0.18	0.5	0.18	2.3	2.8	3.77	<5	3	15261	2.48
2696749	Drill Core	15.7	4.1	0.05	1239	0.004	0.90	<0.01	0.15	<0.5	0.24	2.3	1.5	1.96	<5	<2	23272	2.50
2696750	Drill Core	19.8	5.9	0.05	1493	0.004	1.61	<0.01	0.18	<0.5	0.09	2.3	1.9	1.64	<5	<2	36297	2.48
2696751	Drill Core	8.8	5.1	0.05	257	0.005	0.46	<0.01	0.16	0.5	0.48	1.7	17.0	13.98	<5	5	13176	2.66
2696752	Drill Core	13.2	5.0	0.05	621	0.004	1.24	<0.01	0.16	<0.5	0.14	2.0	4.4	3.65	<5	3	29275	2.58
2696753	Pulp DUP	13.0	5.1	0.05	637	0.004	1.25	<0.01	0.16	<0.5	0.17	2.2	4.5	3.63	<5	3	28966	2.56
2696754	Drill Core	13.3	4.7	0.05	551	0.004	1.43	<0.01	0.16	<0.5	0.14	2.7	5.1	3.68	<5	3	33619	2.60
2696755	Drill Core	14.1	6.6	0.06	427	0.005	0.82	<0.01	0.20	<0.5	0.35	2.2	11.2	7.09	<5	2	23404	2.56
2696756	Drill Core	12.1	6.2	0.10	606	0.005	0.61	<0.01	0.19	<0.5	0.15	2.6	6.4	5.18	<5	<2	16642	2.52
2696757	Drill Core	10.4	4.3	0.14	482	0.003	0.76	<0.01	0.12	<0.5	0.15	3.1	3.8	3.98	<5	<2	21688	2.61
2696758	Drill Core	13.2	4.6	0.08	794	0.004	0.75	<0.01	0.18	<0.5	0.10	2.7	2.3	2.73	<5	<2	17336	2.50
2696759	Drill Core	13.5	5.1	0.09	836	0.004	0.92	<0.01	0.19	<0.5	0.08	2.7	2.2	2.67	<5	<2	21186	2.50
2696760	Drill Core	8.8	5.2	0.09	559	0.004	0.58	<0.01	0.15	<0.5	0.13	1.9	5.6	6.20	<5	<2	16977	2.61
2696761	Drill Core	16.1	5.2	0.08	1020	0.004	0.77	<0.01	0.21	<0.5	0.12	2.3	2.3	2.68	<5	<2	17374	2.44
2696762	Drill Core	16.8	5.1	0.08	1255	0.004	0.76	<0.01	0.21	<0.5	0.12	1.7	2.0	2.21	<5	<2	17493	2.41
2696763	Rock Pulp	6.5	9.4	0.70	115	0.136	1.54	0.16	0.18	2.2	<0.05	1.9	<0.5	<0.05	<5	<2	597	I.S.
2696764	Drill Core	17.5	5.6	0.06	1269	0.004	0.98	<0.01	0.19	<0.5	0.08	2.2	1.8	1.95	<5	<2	22017	2.42
2696765	Drill Core	9.4	4.1	0.07	207	0.004	0.59	<0.01	0.15	<0.5	0.28	1.8	12.5	9.90	<5	7	17792	2.70
2696766	Drill Core	20.4	5.1	0.06	4093	0.004	1.91	<0.01	0.19	<0.5	0.07	3.4	1.8	0.90	<5	2	45953	2.51
2696767	Drill Core	20.1	5.2	0.06	>5000	0.004	2.17	<0.01	0.17	<0.5	0.16	2.9	1.7	0.81	<5	<2	51787	2.58
2696768	Drill Core	15.0	8.3	0.11	4197	0.004	1.85	<0.01	0.14	<0.5	0.39	3.4	1.5	0.96	<5	5	43060	2.48

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

	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
2696769	Drill Core	4.26	30.8	17.9	10.6	530	<0.5	63.1	6.6	118	1.54	21	8.8	2.8	111	5.0	6.9	<0.5	106	0.55	0.047
2696770	Drill Core	4.15	43.8	29.7	14.7	2202	0.7	79.1	8.2	48	1.65	27	11.5	3.0	104	23.3	14.0	<0.5	94	0.33	0.040
2696771	Drill Core	3.85	41.5	32.9	14.7	602	0.7	78.5	7.9	33	1.76	32	11.3	3.0	47	6.9	17.1	<0.5	83	0.18	0.043
2696772	Drill Core	4.14	45.0	30.4	15.1	1271	0.7	81.2	8.5	49	1.89	30	11.6	3.3	85	14.3	13.4	<0.5	91	0.29	0.045
2696773	Rock Pulp	0.08	21.0	3935.0	16080.6	31623	105.1	35.5	24.3	1003	8.95	562	1.1	1.1	38	203.9	158.8	11.3	38	1.55	0.033
2696774	Drill Core	2.62	39.4	23.3	16.1	250	0.5	75.6	8.1	45	1.79	26	11.2	3.3	137	2.9	10.4	<0.5	82	0.34	0.038
2696775	Drill Core	3.08	9.2	79.5	30.6	29	3.3	60.1	3.8	244	7.23	39	1.7	2.3	807	0.9	43.5	<0.5	49	2.02	0.032
2696776	Drill Core	3.57	13.0	38.2	13.4	651	1.1	66.6	7.0	203	3.55	23	2.7	4.7	363	7.4	16.3	<0.5	58	1.81	0.043
2696777	Drill Core	3.90	16.4	53.9	20.9	1084	1.2	70.3	7.7	90	3.78	29	3.7	4.7	139	12.4	21.3	<0.5	59	0.65	0.049
2696778	Drill Core	4.15	12.1	24.3	6.6	1662	<0.5	57.2	7.0	455	1.35	15	2.6	5.4	533	18.4	7.4	<0.5	58	4.13	0.059
2696779	Drill Core	2.54	18.6	42.4	18.3	185	0.9	71.2	7.5	106	3.49	31	4.2	4.4	270	2.2	17.3	<0.5	60	1.01	0.039
2696780	Drill Core	4.42	24.0	28.2	8.6	1823	<0.5	83.0	8.5	129	1.71	17	6.4	4.8	271	20.2	6.1	<0.5	50	2.11	0.045
2696781	Drill Core	3.95	11.7	83.9	25.1	12	2.0	53.9	5.5	126	9.66	36	2.2	2.8	256	0.8	39.2	<0.5	54	0.89	0.039
2696782	Drill Core	3.62	20.2	24.4	6.4	1281	<0.5	72.6	9.4	326	1.60	15	5.0	4.9	499	14.8	5.0	<0.5	50	3.52	0.056
2696783	Core DUP		21.1	25.5	6.6	1210	<0.5	77.3	9.5	327	1.69	15	5.2	5.1	439	13.1	4.7	<0.5	71	3.31	0.062
2696784	Drill Core	2.68	13.9	50.4	19.2	17	0.8	61.7	6.2	134	6.62	34	2.8	3.5	266	0.6	21.2	<0.5	62	1.14	0.039
2696785	Drill Core	3.18	11.8	87.5	31.2	18	1.7	56.6	5.4	469	9.78	44	2.2	2.4	199	1.0	34.3	<0.5	62	1.40	0.043
2696786	Drill Core	2.68	12.4	16.4	7.9	141	<0.5	56.5	7.4	172	1.80	15	2.2	5.8	613	1.7	3.5	<0.5	30	2.81	0.043
2696787	Drill Core	3.37	11.3	16.1	8.7	492	<0.5	52.9	6.8	106	1.64	13	2.2	4.9	671	5.7	3.0	<0.5	33	1.65	0.045
2696788	Drill Core	4.19	28.4	28.3	19.7	434	<0.5	64.3	7.9	85	2.06	23	8.1	3.9	485	4.8	6.5	<0.5	28	1.15	0.041
2696789	Drill Core	3.86	34.3	37.8	28.3	27	<0.5	77.3	11.0	89	2.66	30	9.8	4.5	269	<0.5	10.0	<0.5	38	1.10	0.051
2696790	Drill Core	3.96	40.7	43.0	58.2	3718	1.0	73.2	7.6	68	1.66	24	9.8	3.5	137	26.5	23.1	<0.5	84	0.63	0.044
2696791	Drill Core	2.79	37.6	33.2	69.6	3070	0.8	76.2	8.0	64	1.77	27	10.2	3.2	140	20.2	16.0	<0.5	76	0.84	0.035
2696792	Drill Core	3.13	35.2	32.8	135.8	5254	0.9	73.0	7.4	80	1.81	23	9.2	3.4	258	33.0	14.0	<0.5	83	1.01	0.045
2696793	Rock Pulp	0.02	1.7	45.8	3.1	36	<0.5	4.4	7.7	430	2.61	<5	0.8	2.2	74	<0.5	<0.5	<0.5	97	0.90	0.044
2696794	Drill Core	3.89	34.3	40.7	131.3	2451	1.0	87.4	7.4	106	2.26	23	8.8	4.1	298	16.4	13.3	<0.5	80	1.21	0.053
2696795	Drill Core	3.76	28.5	35.2	63.7	1542	0.9	70.7	8.6	192	2.24	20	7.8	4.2	478	15.2	8.7	<0.5	57	2.59	0.068
2696796	Drill Core	4.00	23.6	31.6	318.0	1838	1.9	77.2	7.8	196	3.26	27	5.7	5.3	328	13.4	14.8	<0.5	62	1.39	0.072
2696797	Drill Core	3.04	15.9	48.4	482.6	4143	2.8	68.2	6.4	256	4.26	22	2.7	4.7	248	27.0	16.6	<0.5	54	1.44	0.060
2696798	Drill Core	2.53	12.9	27.6	131.2	435	1.1	60.6	4.9	221	3.16	9	3.1	2.5	898	3.3	6.5	<0.5	146	6.48	0.034

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2696769	Drill Core	12.8	6.5	0.15	3664	0.003	1.57	<0.01	0.12	<0.5	0.18	2.3	1.3	1.09	<5	8	35060	2.48
2696770	Drill Core	15.3	5.6	0.04	1819	0.004	0.84	<0.01	0.16	0.5	0.35	1.6	1.5	1.70	<5	10	20705	2.44
2696771	Drill Core	15.8	4.9	0.03	1712	0.004	0.97	<0.01	0.14	<0.5	0.14	1.1	1.4	1.68	<5	8	22130	2.45
2696772	Drill Core	16.0	5.2	0.04	1669	0.004	0.93	<0.01	0.15	0.6	0.19	1.3	1.5	1.86	<5	9	20947	2.45
2696773	Rock Pulp	7.5	44.8	1.57	230	0.011	1.39	0.01	0.13	0.9	8.23	2.5	9.5	8.13	6	41	721	I.S.
2696774	Drill Core	14.6	5.2	0.04	1579	0.004	0.65	<0.01	0.14	0.5	0.16	1.5	1.1	1.84	<5	10	17562	2.44
2696775	Drill Core	9.4	7.1	0.06	397	0.004	0.38	<0.01	0.14	<0.5	0.16	0.8	6.0	8.23	<5	10	7280	2.67
2696776	Drill Core	16.2	5.2	0.08	916	0.005	0.55	<0.01	0.23	<0.5	0.21	1.6	2.7	4.10	<5	6	7945	2.53
2696777	Drill Core	16.6	7.0	0.06	632	0.005	0.73	<0.01	0.26	<0.5	0.34	1.9	3.0	4.38	<5	7	11190	2.55
2696778	Drill Core	20.0	5.2	0.07	3583	0.005	0.64	<0.01	0.23	<0.5	0.27	2.2	1.3	1.52	<5	3	10828	2.51
2696779	Drill Core	15.3	5.4	0.05	815	0.005	0.57	<0.01	0.21	<0.5	0.18	1.9	2.4	3.89	<5	7	10213	2.54
2696780	Drill Core	18.5	4.0	0.05	2164	0.004	0.53	<0.01	0.20	<0.5	0.33	1.5	1.6	1.94	<5	6	11327	2.51
2696781	Drill Core	11.7	4.5	0.05	183	0.004	0.75	<0.01	0.17	<0.5	0.42	1.2	8.5	10.84	<5	9	21729	2.72
2696782	Drill Core	21.7	4.6	0.06	2326	0.004	1.14	<0.01	0.19	<0.5	0.22	2.7	1.4	1.43	<5	<2	26571	2.55
2696783	Core DUP	22.0	7.9	0.08	2159	0.006	1.28	<0.01	0.25	<0.5	0.27	2.7	1.5	1.45	<5	3	26076	2.55
2696784	Drill Core	15.6	5.9	0.07	272	0.005	0.83	<0.01	0.21	<0.5	0.33	2.3	4.7	7.48	<5	5	15784	2.58
2696785	Drill Core	12.3	5.4	0.05	173	0.004	1.58	<0.01	0.15	<0.5	0.42	2.2	9.9	10.42	<5	6	38237	2.76
2696786	Drill Core	22.1	4.1	0.07	1782	0.004	1.00	<0.01	0.18	<0.5	0.06	2.1	1.2	1.65	<5	<2	23196	2.52
2696787	Drill Core	21.0	4.8	0.07	2666	0.004	1.36	<0.01	0.20	<0.5	0.20	2.3	1.1	1.28	<5	2	33461	2.53
2696788	Drill Core	16.0	3.2	0.05	1513	0.004	0.66	<0.01	0.18	<0.5	0.25	1.1	1.5	2.15	<5	4	15258	2.50
2696789	Drill Core	19.3	4.6	0.06	815	0.005	0.90	<0.01	0.20	0.7	0.12	1.9	1.7	2.84	<5	4	19268	2.49
2696790	Drill Core	15.9	3.9	0.04	1719	0.004	0.78	<0.01	0.15	0.7	0.69	1.3	1.8	1.77	<5	11	22411	2.47
2696791	Drill Core	14.6	4.2	0.04	1910	0.004	0.81	<0.01	0.13	0.6	0.60	1.2	1.8	1.79	<5	8	25064	2.47
2696792	Drill Core	14.9	4.2	0.06	1860	0.004	0.47	<0.01	0.17	<0.5	0.95	1.1	2.4	2.13	<5	10	14940	2.47
2696793	Rock Pulp	6.5	9.2	0.70	123	0.141	1.56	0.17	0.20	2.7	<0.05	1.9	<0.5	<0.05	<5	<2	570	I.S.
2696794	Drill Core	16.4	5.2	0.09	1736	0.004	0.42	<0.01	0.19	<0.5	0.54	1.3	2.6	2.53	<5	9	15205	2.54
2696795	Drill Core	18.1	5.0	0.12	1187	0.004	0.39	<0.01	0.21	<0.5	0.31	2.2	2.6	2.46	<5	7	12589	2.52
2696796	Drill Core	20.8	7.0	0.20	1129	0.004	0.40	<0.01	0.20	<0.5	0.32	1.8	4.0	3.70	<5	9	22169	2.61
2696797	Drill Core	16.2	9.6	0.32	339	0.003	0.34	<0.01	0.16	<0.5	0.68	2.9	8.4	4.73	<5	7	37215	2.69
2696798	Drill Core	11.7	12.1	0.33	>5000	0.037	0.53	<0.01	0.03	<0.5	0.14	3.5	5.9	0.47	<5	5	191286	3.05

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

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
2696799	Drill Core	4.44	2.9	6.7	22.4	100	<0.5	9.0	1.0	709	0.70	<5	1.3	0.8	2095	<0.5	1.5	<0.5	27	25.92	0.048
2696800	Drill Core	5.31	10.7	12.9	34.3	48	<0.5	24.3	2.4	874	2.32	<5	3.9	1.9	989	<0.5	2.9	<0.5	34	20.36	0.032
2696801	Drill Core	4.37	34.2	15.1	35.4	146	<0.5	65.1	5.1	614	1.94	8	9.0	4.1	280	1.2	2.5	<0.5	19	11.84	0.037
2696802	Drill Core	3.64	7.4	13.0	26.6	16	<0.5	24.8	3.9	570	1.63	<5	2.5	3.7	219	<0.5	1.8	<0.5	<10	10.94	0.036
2696803	Rock Pulp	0.08	23.3	4083.4	16302.1	30811	106.8	35.6	27.7	954	9.19	546	1.1	1.1	36	204.9	154.3	12.3	36	1.60	0.042

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

CERTIFICATE OF ANALYSIS VAN18002153.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		ppm	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	10	0.01
2696799	Drill Core	9.5	3.6	0.28	>5000	0.007	0.03	<0.01	0.01	<0.5	<0.05	<0.5	<0.5	0.16	<5	<2	202114	2.97
2696800	Drill Core	8.3	5.2	2.01	2137	0.005	0.08	<0.01	0.06	<0.5	<0.05	2.6	0.5	0.97	<5	<2	87413	2.81
2696801	Drill Core	10.8	6.4	3.44	760	0.003	0.21	<0.01	0.13	<0.5	0.06	4.1	0.8	1.90	<5	<2	9857	2.59
2696802	Drill Core	10.5	5.0	3.64	455	0.003	0.21	<0.01	0.15	<0.5	<0.05	3.3	<0.5	1.56	<5	<2	5364	2.60
2696803	Rock Pulp	7.0	47.2	1.64	234	0.012	1.38	0.01	0.13	0.9	7.77	3.2	8.7	8.18	7	39	687	I.S.

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

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																					
2696601	Drill Core	1.35	31.8	19.2	10.2	417	<0.5	42.2	6.9	493	2.94	14	6.3	3.6	831	1.7	3.6	<0.5	21	5.13	0.045
REP 2696601	QC		31.8	19.3	11.0	420	<0.5	46.3	7.6	500	3.02	16	6.7	3.8	886	1.6	3.6	<0.5	20	5.18	0.043
2696602	Drill Core	3.24	38.3	30.8	27.1	339	<0.5	39.6	7.5	205	5.56	23	6.9	4.0	256	1.2	3.3	<0.5	22	1.63	0.046
REP 2696602	QC																				
2696635	Drill Core	3.68	25.9	40.4	16.7	258	<0.5	66.2	9.6	159	2.04	17	6.5	4.6	580	1.8	4.8	<0.5	39	2.48	0.050
REP 2696635	QC		25.3	38.7	16.4	237	<0.5	62.6	9.3	152	2.04	16	6.5	4.4	556	1.8	4.8	<0.5	40	2.44	0.051
2696636	Drill Core	3.15	26.1	38.9	12.9	715	<0.5	77.5	9.8	143	1.98	16	7.6	3.8	430	5.7	4.0	<0.5	42	1.87	0.049
REP 2696636	QC																				
2696670	Drill Core	4.02	16.7	52.3	28.6	100	<0.5	56.7	9.5	433	7.41	26	6.1	2.9	171	0.6	3.8	<0.5	21	1.23	0.062
REP 2696670	QC		16.2	49.7	27.8	99	<0.5	56.9	9.5	437	7.39	26	6.0	3.0	159	0.6	3.6	<0.5	22	1.22	0.052
2696671	Drill Core	4.15	17.8	41.1	20.9	270	<0.5	60.0	10.0	341	6.12	22	5.9	3.1	186	1.6	3.0	<0.5	21	1.09	0.053
REP 2696671	QC																				
2696705	Drill Core	4.21	13.3	36.6	23.6	32	<0.5	40.4	6.9	285	5.24	24	3.7	3.0	308	<0.5	3.7	<0.5	20	1.60	0.058
REP 2696705	QC		12.9	36.8	24.4	33	<0.5	41.1	6.9	319	5.25	24	3.9	3.2	306	<0.5	3.7	<0.5	20	1.60	0.056
2696706	Drill Core	3.75	15.7	43.4	32.7	25	<0.5	46.7	7.1	344	5.91	30	4.5	3.2	270	0.5	4.4	<0.5	22	1.09	0.048
REP 2696706	QC																				
2696719	Drill Core	3.90	16.8	30.3	13.0	16	<0.5	49.1	9.9	370	3.55	17	5.0	4.7	500	<0.5	2.5	<0.5	22	2.81	0.060
REP 2696719	QC		17.1	30.6	13.3	17	<0.5	50.3	10.4	362	3.49	16	4.9	4.7	491	<0.5	2.3	<0.5	22	2.76	0.061
2696739	Drill Core	3.90	20.7	26.8	17.3	20	<0.5	68.7	11.8	156	2.75	19	6.6	4.1	592	<0.5	2.4	<0.5	27	2.69	0.044
REP 2696739	QC		20.9	26.9	17.5	18	<0.5	68.6	11.8	159	2.79	21	6.8	4.2	609	<0.5	2.5	<0.5	27	2.72	0.046
2696740	Drill Core	2.63	21.1	32.0	19.1	267	<0.5	67.9	10.7	244	2.41	18	6.6	4.1	724	1.8	2.5	<0.5	26	3.22	0.045
REP 2696740	QC																				
2696770	Drill Core	4.15	43.8	29.7	14.7	2202	0.7	79.1	8.2	48	1.65	27	11.5	3.0	104	23.3	14.0	<0.5	94	0.33	0.040
REP 2696770	QC																				
2696775	Drill Core	3.08	9.2	79.5	30.6	29	3.3	60.1	3.8	244	7.23	39	1.7	2.3	807	0.9	43.5	<0.5	49	2.02	0.032
REP 2696775	QC		9.9	84.5	28.4	31	3.5	57.7	4.9	255	7.28	41	1.9	2.7	834	0.8	44.9	<0.5	51	2.03	0.032
2696798	Drill Core	2.53	12.9	27.6	131.2	435	1.1	60.6	4.9	221	3.16	9	3.1	2.5	898	3.3	6.5	<0.5	146	6.48	0.034
REP 2696798	QC																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
	Unit	ppm	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	10	0.01
Pulp Duplicates																		
2696601	Drill Core	10.7	3.6	0.09	1079	0.004	0.43	<0.01	0.16	<0.5	0.16	1.3	1.9	3.30	<5	<2	8155	2.60
REP 2696601	QC	10.1	1.9	0.09	1078	0.004	0.46	<0.01	0.17	<0.5	0.06	1.5	2.1	3.34	<5	<2		
2696602	Drill Core	12.4	4.1	0.07	460	0.005	0.82	<0.01	0.20	<0.5	0.36	1.4	8.6	6.18	<5	<2	16359	2.63
REP 2696602	QC																16832	
2696635	Drill Core	16.8	5.7	0.06	1792	0.006	0.55	<0.01	0.21	<0.5	0.10	1.7	1.0	2.17	<5	4	8991	2.52
REP 2696635	QC	16.9	5.9	0.06	1935	0.006	0.56	<0.01	0.21	<0.5	0.09	1.9	1.0	2.19	<5	4		
2696636	Drill Core	15.1	4.8	0.06	2024	0.006	0.46	<0.01	0.19	<0.5	0.07	1.6	1.0	2.21	<5	4	7103	2.54
REP 2696636	QC																7041	
2696670	Drill Core	8.9	3.5	0.05	214	0.004	1.04	<0.01	0.16	<0.5	0.58	1.9	10.1	8.22	<5	<2	26464	2.64
REP 2696670	QC	9.0	3.1	0.05	213	0.004	1.04	<0.01	0.17	<0.5	0.49	2.1	10.1	8.15	<5	2		
2696671	Drill Core	10.2	3.2	0.04	250	0.003	1.13	<0.01	0.16	<0.5	0.49	2.1	7.3	6.65	<5	<2	29973	2.63
REP 2696671	QC																29476	
2696705	Drill Core	9.7	3.0	0.06	321	0.003	1.04	<0.01	0.13	<0.5	0.26	1.2	5.1	5.62	<5	<2	28474	2.61
REP 2696705	QC	9.9	2.7	0.06	345	0.003	1.04	<0.01	0.13	<0.5	0.31	1.5	5.3	5.59	<5	<2		
2696706	Drill Core	8.8	3.0	0.03	281	0.003	0.61	<0.01	0.13	<0.5	0.30	0.6	6.0	6.74	<5	<2	23726	2.66
REP 2696706	QC																24143	
2696719	Drill Core	16.9	6.1	0.08	843	0.005	0.67	<0.01	0.19	<0.5	0.18	3.3	4.1	3.85	<5	<2	19088	2.49
REP 2696719	QC	16.0	5.5	0.07	597	0.005	0.66	<0.01	0.19	<0.5	0.21	3.5	4.4	3.78	<5	<2	18758	
2696739	Drill Core	14.5	4.5	0.07	924	0.005	0.42	<0.01	0.19	<0.5	0.13	2.4	1.5	3.14	<5	3	10266	2.41
REP 2696739	QC	14.7	4.5	0.07	935	0.005	0.42	<0.01	0.19	<0.5	0.07	2.4	1.6	3.26	<5	<2		
2696740	Drill Core	11.7	4.2	0.06	994	0.004	0.45	<0.01	0.16	<0.5	0.16	2.1	1.8	2.68	<5	<2	13124	2.52
REP 2696740	QC																13011	
2696770	Drill Core	15.3	5.6	0.04	1819	0.004	0.84	<0.01	0.16	0.5	0.35	1.6	1.5	1.70	<5	10	20705	2.44
REP 2696770	QC																20486	
2696775	Drill Core	9.4	7.1	0.06	397	0.004	0.38	<0.01	0.14	<0.5	0.16	0.8	6.0	8.23	<5	10	7280	2.67
REP 2696775	QC	9.6	5.2	0.07	478	0.004	0.37	<0.01	0.16	<0.5	0.24	0.8	6.2	8.21	<5	11		
2696798	Drill Core	11.7	12.1	0.33	>5000	0.037	0.53	<0.01	0.03	<0.5	0.14	3.5	5.9	0.47	<5	5	191286	3.05
REP 2696798	QC																192982	

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

		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
2696799	Drill Core	4.44	2.9	6.7	22.4	100	<0.5	9.0	1.0	709	0.70	<5	1.3	0.8	2095	<0.5	1.5	<0.5	27	25.92	0.048
REP 2696799	QC		2.8	6.1	21.0	95	<0.5	8.7	0.7	699	0.70	5	1.3	0.7	2015	<0.5	1.5	<0.5	27	25.81	0.050
Core Reject Duplicates																					
2696618	Drill Core	3.46	43.6	30.4	15.5	16	<0.5	63.9	7.5	173	1.94	19	12.0	3.0	305	<0.5	5.8	<0.5	40	2.37	0.051
DUP 2696618	QC		43.5	29.5	15.4	15	<0.5	64.2	7.0	171	1.91	16	11.6	3.3	333	<0.5	5.9	<0.5	38	2.38	0.047
2696652	Drill Core	3.25	16.0	39.2	14.9	598	<0.5	54.6	9.3	235	4.45	16	5.6	4.2	246	3.6	2.1	<0.5	24	1.27	0.063
DUP 2696652	QC		16.3	32.4	14.4	682	<0.5	55.0	9.8	231	4.52	16	5.9	4.1	234	4.0	2.1	<0.5	23	1.25	0.064
2696686	Drill Core	3.92	13.8	26.1	12.6	27	<0.5	41.7	7.5	300	3.86	15	5.1	3.6	338	<0.5	2.1	<0.5	19	2.11	0.064
DUP 2696686	QC		14.6	26.2	13.5	27	<0.5	41.0	8.1	288	3.91	17	5.2	3.8	344	<0.5	2.2	<0.5	18	2.10	0.060
2696720	Drill Core	3.90	17.8	46.5	19.7	15	<0.5	55.0	10.1	373	4.84	24	6.0	4.3	367	<0.5	3.5	<0.5	28	2.46	0.085
DUP 2696720	QC		18.9	44.1	19.7	17	<0.5	55.8	9.9	380	4.78	25	6.2	4.2	381	<0.5	3.5	<0.5	28	2.48	0.088
2696754	Drill Core	4.09	18.5	46.7	13.8	22	0.8	65.9	10.7	222	3.68	21	4.7	4.1	203	<0.5	7.1	<0.5	32	1.74	0.055
DUP 2696754	QC		17.7	48.2	14.6	25	0.7	66.2	10.9	227	3.75	22	4.9	4.1	200	<0.5	7.5	<0.5	32	1.79	0.054
2696788	Drill Core	4.19	28.4	28.3	19.7	434	<0.5	64.3	7.9	85	2.06	23	8.1	3.9	485	4.8	6.5	<0.5	28	1.15	0.041
DUP 2696788	QC		31.0	29.4	20.5	415	<0.5	66.4	8.0	88	2.08	24	8.4	4.3	513	4.5	6.7	<0.5	27	1.19	0.044
Reference Materials																					
STD GBM398-4-AR	Standard		946.0	4020.1	12019.0	5523	51.6	4342.9	2044.2	5302	4.05	5	0.7	1.0	14	9.0	6.9	14.7	21	0.36	0.018
STD GBM398-4-AR	Standard		891.7	3899.0	11887.7	5321	51.0	4282.8	1979.7	5357	3.97	6	0.8	0.9	13	11.2	7.5	13.2	27	0.33	0.017
STD GBM398-4-AR	Standard		938.3	3957.2	11658.3	5291	50.7	4192.0	1981.5	5291	3.86	7	0.7	0.9	13	10.0	7.5	12.7	31	0.32	0.019
STD GBM398-4-AR	Standard		922.4	4043.0	11725.3	5223	49.5	4397.8	2026.6	5254	3.75	6	0.7	0.9	8	8.3	6.6	12.1	21	0.34	0.019
STD GBM398-4-AR	Standard		903.8	3931.4	11567.8	5360	47.0	4189.8	1994.9	5219	3.89	7	0.7	0.8	12	8.4	6.6	11.8	19	0.35	0.019
STD GBM398-4-AR	Standard		940.1	4077.9	12021.5	5502	50.1	4243.1	2040.1	5237	4.00	5	0.7	0.8	14	9.1	7.4	12.6	19	0.34	0.021
STD GBM398-4-AR	Standard		962.0	4065.8	12167.6	5570	52.6	4309.8	1991.2	5327	4.03	7	0.7	0.9	11	9.1	7.2	14.6	20	0.36	0.024
STD OREAS135	Standard		8.4	304.6	16945.4	28110	57.3	35.6	30.1	4012	8.95	956	10.3	11.4	26	70.8	40.9	5.5	33	1.88	0.091
STD OREAS135	Standard		7.7	283.4	18061.8	28370	62.4	35.7	27.6	4044	8.94	985	9.4	11.3	25	68.1	39.5	4.7	36	1.82	0.084
STD OREAS605	Standard		5.2	49559.4	876.8	2115	617.6	1526.6	98.3	89	3.55	1685	1.0	2.5	42	13.3	289.0	18.7	11	0.17	0.009
STD OREAS605	Standard		5.0	48057.2	833.7	2117	911.4	1535.1	100.2	87	3.67	1635	1.0	2.5	47	13.8	294.6	17.9	<10	0.17	0.009
STD OREAS927-AR	Standard		1.1	10822.5	236.5	735	4.6	31.1	31.6	1073	8.18	11	1.8	13.9	7	1.0	1.4	70.9	35	0.31	0.051
STD OREAS927-AR	Standard		1.1	10606.7	227.9	737	4.3	30.2	30.8	1127	8.11	13	1.7	13.4	12	1.1	1.3	70.4	33	0.30	0.053

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

		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	LF301 Ba ppm 10	SPG01 SG 0.01
2696799	Drill Core	9.5	3.6	0.28	>5000	0.007	0.03	<0.01	0.01	<0.5	<0.05	<0.5	<0.5	0.16	<5	<2	202114	2.97
REP 2696799	QC	9.6	3.1	0.27	>5000	0.007	0.02	<0.01	0.01	<0.5	<0.05	<0.5	<0.5	0.16	<5	<2		
Core Reject Duplicates																		
2696618	Drill Core	14.5	2.8	0.04	1540	0.011	0.89	<0.01	0.15	<0.5	0.13	1.2	1.6	1.83	<5	<2	19346	2.54
DUP 2696618	QC	14.1	3.0	0.04	1784	0.011	0.86	<0.01	0.14	<0.5	0.10	0.9	1.5	1.84	<5	<2	19274	2.57
2696652	Drill Core	17.3	5.1	0.05	504	0.005	0.91	<0.01	0.19	<0.5	0.33	1.7	4.6	4.69	<5	<2	21443	2.63
DUP 2696652	QC	15.8	5.0	0.05	429	0.005	0.89	<0.01	0.18	<0.5	0.31	2.1	4.6	4.76	<5	<2	21036	2.63
2696686	Drill Core	11.7	3.5	0.04	475	0.004	0.71	<0.01	0.15	<0.5	0.24	1.6	4.2	4.20	<5	<2	19793	2.53
DUP 2696686	QC	11.0	3.0	0.04	444	0.003	0.69	<0.01	0.13	<0.5	0.19	1.4	4.4	4.25	<5	<2	19778	2.53
2696720	Drill Core	14.6	6.4	0.08	451	0.006	0.74	<0.01	0.22	0.5	0.31	3.0	6.4	5.31	<5	<2	17991	2.50
DUP 2696720	QC	14.8	6.2	0.09	574	0.005	0.75	<0.01	0.22	<0.5	0.29	3.1	6.6	5.26	<5	<2	17768	2.50
2696754	Drill Core	13.3	4.7	0.05	551	0.004	1.43	<0.01	0.16	<0.5	0.14	2.7	5.1	3.68	<5	3	33619	2.60
DUP 2696754	QC	13.3	5.3	0.05	564	0.004	1.41	<0.01	0.16	<0.5	0.14	2.7	5.2	3.77	<5	4	34129	2.56
2696788	Drill Core	16.0	3.2	0.05	1513	0.004	0.66	<0.01	0.18	<0.5	0.25	1.1	1.5	2.15	<5	4	15258	2.50
DUP 2696788	QC	16.4	2.9	0.05	1466	0.004	0.65	<0.01	0.15	0.6	0.20	1.4	1.5	2.20	<5	3	14937	2.47
Reference Materials																		
STD GBM398-4-AR	Standard	2.7	2048.9	0.12	21	0.112	0.49	0.27	0.10	3.2	3.24	2.1	<0.5	0.96	<5	2		
STD GBM398-4-AR	Standard	2.8	1989.7	0.14	22	0.114	0.48	0.24	0.11	3.4	3.23	0.9	<0.5	0.96	<5	<2		
STD GBM398-4-AR	Standard	2.8	1997.6	0.13	22	0.110	0.46	0.25	0.10	2.9	3.40	1.2	<0.5	0.97	<5	<2		
STD GBM398-4-AR	Standard	2.5	1961.8	0.12	19	0.110	0.43	0.26	0.10	2.8	3.04	1.6	<0.5	0.95	<5	<2		
STD GBM398-4-AR	Standard	2.7	1922.4	0.12	18	0.110	0.49	0.25	0.10	2.9	2.86	1.8	<0.5	0.90	<5	<2		
STD GBM398-4-AR	Standard	2.7	2091.7	0.12	19	0.113	0.48	0.27	0.11	2.9	3.01	2.1	<0.5	0.94	<5	3		
STD GBM398-4-AR	Standard	2.7	2058.9	0.13	20	0.114	0.50	0.27	0.12	2.8	3.18	2.1	<0.5	0.95	<5	<2		
STD OREAS135	Standard	40.1	21.4	0.83	360	0.027	1.05	0.01	0.47	2.9	1.30	3.1	6.7	7.26	<5	<2		
STD OREAS135	Standard	39.8	22.2	0.82	429	0.026	1.10	0.02	0.51	3.2	1.28	2.8	6.9	7.43	<5	<2		
STD OREAS605	Standard	7.5	36.5	0.03	147	0.009	0.69	0.03	0.12	6.6	1.68	0.8	15.8	7.55	6	75		
STD OREAS605	Standard	7.2	34.3	0.03	157	0.010	0.72	0.03	0.14	6.0	1.62	1.0	15.4	7.58	7	75		
STD OREAS927-AR	Standard	27.8	43.7	1.92	43	0.078	3.26	<0.01	0.25	4.6	0.12	4.3	<0.5	1.78	9	16		
STD OREAS927-AR	Standard	26.8	40.6	1.94	46	0.078	3.11	<0.01	0.24	5.1	0.12	4.4	<0.5	1.79	9	14		

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

		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 OREAS927-AR	Standard		1.0	10791.9	228.4	733	4.6	27.2	29.7	1101	8.30	12	1.8	13.8	13	1.0	1.4	67.5	36	0.33	0.047
STD OREAS927-AR	Standard		1.0	10918.1	241.8	727	5.0	30.1	28.7	1179	8.26	16	1.9	13.6	13	1.0	1.4	71.9	35	0.29	0.055
STD OREAS927-AR	Standard		1.0	10738.8	230.2	736	4.1	29.8	30.1	1149	8.12	14	1.7	13.3	13	1.0	1.4	69.4	33	0.30	0.045
STD OREAS927-AR	Standard		1.1	11088.2	215.7	712	4.8	30.9	30.9	1079	8.10	13	1.7	12.8	13	1.0	1.3	73.8	33	0.31	0.055
STD OREAS927-AR	Standard		1.1	11209.8	232.2	732	4.5	31.8	31.1	1125	8.55	13	1.8	13.6	14	0.9	1.3	73.7	34	0.30	0.054
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD OREAS135 Expected			8.25	282	17000	28000	55.2	33.7	28	3960	8.97	883	8.89	9.67		61	38	4.35	33.4	1.83	0.086
STD OREAS605 Expected			4.75	49800	856	2170	984	1538	93	86	3.75	1613	0.95			12.9	228	16.7	8.33	0.182	0.0116
STD GBM398-4-AR Expected			917	3919	11750	5345	49.2	4135	1950	5260	3.95	6	0.7	0.8	13	9.2	7.2	12.9	24	0.34	0.02
STD OREAS927-AR Expected			1.06	10715	212	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 SO-19 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

		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	LF301 Ba ppm 10	SPG01 SG 0.01
STD OREAS927-AR	Standard	29.4	39.2	1.88	51	0.092	3.13	<0.01	0.27	5.6	0.09	3.7	<0.5	1.75	9	12		
STD OREAS927-AR	Standard	28.0	40.7	1.89	46	0.090	3.13	<0.01	0.26	5.4	0.11	3.5	<0.5	1.77	10	14		
STD OREAS927-AR	Standard	26.7	39.9	1.94	47	0.076	3.14	<0.01	0.26	5.9	0.14	4.2	<0.5	1.80	8	12		
STD OREAS927-AR	Standard	28.9	43.3	1.92	50	0.093	3.29	<0.01	0.28	5.2	0.10	4.3	<0.5	1.77	9	15		
STD OREAS927-AR	Standard	28.7	43.0	1.96	52	0.092	3.36	<0.01	0.29	5.3	0.13	5.6	<0.5	1.80	10	16		
STD SO-19	Standard																477	
STD SO-19	Standard																505	
STD SO-19	Standard																488	
STD SO-19	Standard																519	
STD SO-19	Standard																510	
STD SO-19	Standard																524	
STD SO-19	Standard																488	
STD SO-19	Standard																494	
STD SO-19	Standard																522	
STD SO-19	Standard																500	
STD SO-19	Standard																479	
STD SO-19	Standard																474	
STD SO-19	Standard																476	
STD SO-19	Standard																505	
STD SO-19	Standard																478	
STD SO-19	Standard																477	
STD OREAS135 Expected		39.8	22	0.833	366	0.026	1.09		0.487	2.93	1.21	3.51	6.61	7.08	5.25			
STD OREAS605 Expected		3.95	27.5	0.0289	184.8	0.01	0.73	0.0328	0.134	5.9		1.05	15.3	7.86		75		
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 SO-19 Expected																	486	
BLK	Blank																34	
BLK	Blank																19	
BLK	Blank																12	

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

		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																				
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	0.02	<0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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	<0.5	<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	<0.5	<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	<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-VAN	Prep Blank		0.9	4.2	1.0	32	<0.5	1.2	3.7	533	1.86	<5	<0.5	1.8	23	<0.5	<0.5	<0.5	26	0.65	0.037
ROCK-VAN	Prep Blank		1.0	3.8	1.3	35	<0.5	<0.5	2.9	551	1.67	<5	<0.5	1.7	20	<0.5	<0.5	<0.5	22	0.59	0.040

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE

Report Date: September 26, 2018

QUALITY CONTROL REPORT VAN18002153.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
		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	10	0.01
BLK	Blank																38	
BLK	Blank	<0.5	0.5	<0.01	24	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	0.7	<0.5	<0.05	<5	<2		
BLK	Blank																22	
BLK	Blank																11	
BLK	Blank																33	
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	0.07	<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	<0.5	<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	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank																15	
Prep Wash																		
ROCK-VAN	Prep Blank	6.1	1.6	0.50	54	0.105	0.91	0.07	0.10	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2	884	2.63
ROCK-VAN	Prep Blank	5.9	1.2	0.50	48	0.092	0.86	0.06	0.09	<0.5	0.06	4.0	<0.5	<0.05	<5	<2	820	2.63

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Submitted By: Nicholas Johnson
Receiving Lab: Canada-Vancouver
Received: September 06, 2018
Report Date: October 16, 2018
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN18002382.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: Akie 44, 67, 148
P.O. Number Akie
Number of Samples: 191

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT Dispose of Reject After 60 days

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
PRP70-250	173	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SPTRF	3	Split samples by riffle splitter			VAN
PUL85	3	Pulverize to 85% passing 200 mesh			VAN
SLBHP	15	Sort, label and box pulps			VAN
PULSW	176	Extra Wash with Silica between each sample			VAN
AQ250_EXT	31	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
AQ270	160	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	191	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	185	Specific Gravity on Pulp		Completed	VAN

ADDITIONAL COMMENTS

LF301-Ba data > 50000 ppm for informational purposes only.

Invoice To: ZincX Resources Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3
Canada

CC: Ken 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

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696804	Drill Core	0.90	1.00	0.89	0.58	2.2	5	1.6	<0.1	113	0.05	<0.1	2.9	0.4	<0.1	290.6	<0.01	0.08	<0.02	4	35.05
2696805	Drill Core	1.29	1.72	1.41	0.95	33.3	6	3.7	<0.1	135	0.16	0.3	5.2	0.6	<0.1	324.9	0.24	0.15	<0.02	5	35.05
2696806	Drill Core	0.54	200.70	153.36	66.29	1679.7	936	324.7	12.8	76	3.49	57.7	27.1	<0.2	9.5	121.2	10.79	10.76	0.46	20	7.41
2696807	Drill Core	0.47	1.03	1.56	0.81	187.5	6	6.5	<0.1	131	0.08	<0.1	6.2	<0.2	<0.1	308.9	1.89	0.09	<0.02	8	34.96
2696808	Drill Core	0.67	2.76	3.12	1.02	33.7	11	8.0	0.1	96	0.10	0.3	4.2	0.4	0.1	326.2	0.23	0.16	<0.02	11	36.63
2696809	Drill Core	1.18	0.62	0.55	0.45	9.5	3	4.8	<0.1	113	0.04	<0.1	3.7	0.2	<0.1	357.3	0.05	0.03	<0.02	10	34.77
2696810	Drill Core	0.88	1.45	1.13	0.57	22.4	7	7.6	0.1	147	0.06	0.5	4.1	1.1	<0.1	275.6	0.15	0.09	<0.02	8	34.55
2696811	Drill Core	1.26	1.35	1.07	0.65	239.8	11	6.9	0.1	132	0.06	0.3	3.4	0.3	<0.1	312.9	1.84	0.13	<0.02	8	35.64
2696812	Drill Core	0.86	1.18	0.75	0.53	177.7	12	6.2	<0.1	119	0.05	<0.1	3.2	<0.2	0.1	346.7	1.24	0.11	<0.02	6	34.36
2696813	Rock Pulp	0.08	21.87	4145.34	>10000	>10000	>100000	34.0	24.6	972	9.27	577.4	1.3	367.7	0.9	37.0	204.78	136.33	12.85	37	1.60
2696814	Drill Core	1.13	0.72	1.37	2.51	181.5	18	3.5	0.1	121	0.05	<0.1	3.3	0.8	<0.1	437.9	1.25	0.06	<0.02	9	35.43
2696815	Drill Core	0.93	0.88	3.33	1.02	813.4	15	8.3	<0.1	115	0.08	<0.1	3.3	0.9	<0.1	459.5	5.21	0.12	<0.02	9	35.26
2696816	Drill Core	0.99	13.69	92.25	26.72	1109.4	867	176.4	6.0	192	2.25	18.9	15.1	<0.2	4.5	406.0	7.58	4.31	0.15	243	17.53
2696817	Drill Core	0.99	8.83	92.48	22.04	402.5	893	148.4	6.3	216	1.73	14.8	14.0	0.4	4.6	216.6	3.14	3.82	0.18	137	12.94
2696818	Drill Core	1.53	14.05	18.74	10.77	16.1	672	37.1	4.6	220	0.87	9.6	20.1	<0.2	5.3	88.5	0.14	1.95	0.10	72	9.10
2696819	Drill Core	1.15	8.88	16.11	13.75	14.2	263	26.3	3.4	243	1.91	11.3	8.7	0.9	3.9	112.0	0.03	1.68	0.08	24	10.31
2696820	Drill Core	1.12	7.26	11.01	8.71	17.2	224	15.9	2.7	187	0.78	8.3	2.5	0.3	3.6	109.3	0.15	1.27	0.07	18	9.88
2696821	Drill Core	1.64	0.88	1.45	18.07	2.8	20	8.1	<0.1	152	0.13	0.5	3.0	0.4	0.1	739.5	0.02	0.38	<0.02	20	35.96
2696822	Drill Core	1.40	12.86	91.76	497.95	2356.4	1578	123.8	4.7	284	1.68	14.2	15.9	0.8	4.9	463.6	17.02	15.82	0.14	174	15.85
2696823	Rock Pulp	0.02	1.75	52.43	2.77	33.3	49	5.2	8.3	374	2.63	0.2	0.8	2.3	2.4	72.9	0.02	0.05	0.06	96	0.86
2696824	Drill Core	1.23	16.24	99.41	760.73	767.9	2004	152.0	6.8	251	1.93	35.5	16.0	1.0	5.5	597.2	4.76	20.19	0.21	296	13.36
2696825	Drill Core	1.98	36.72	52.42	108.79	1768.2	1046	74.9	7.8	68	1.37	21.6	12.2	1.2	3.5	114.9	13.14	14.11	0.17	118	1.43
2696826	Drill Core	2.23	31.63	34.94	59.97	800.8	580	69.6	6.4	107	1.26	18.8	10.1	1.2	3.4	104.6	5.88	12.82	0.14	119	1.71
2696827	Drill Core	0.36	41.40	90.04	227.00	50.9	2673	195.7	11.6	98	5.83	51.7	18.5	0.5	3.8	46.5	0.45	49.32	0.21	121	1.15
2696828	Drill Core	1.99	33.29	37.17	62.67	143.0	684	79.3	7.0	72	1.39	21.1	10.8	1.7	3.7	46.8	1.15	15.66	0.16	120	1.00
2696829	Drill Core	1.97	37.64	48.63	82.13	2034.8	811	74.2	7.8	112	1.57	22.0	12.4	1.2	4.2	55.5	17.06	16.69	0.17	141	1.44
2696830	Drill Core	1.99	32.05	48.01	82.93	10.7	781	90.0	7.3	94	1.73	29.9	11.1	1.0	4.0	53.4	0.09	16.19	0.18	162	1.34
2696831	Drill Core	0.94	35.83	41.43	91.94	768.8	791	53.9	7.2	81	0.82	21.5	10.0	0.4	4.2	55.4	6.48	13.04	0.18	177	1.24
2696832	Drill Core	0.78	32.14	118.20	278.31	110.4	3602	129.4	9.0	132	9.26	81.8	12.0	1.2	3.0	82.4	1.04	58.12	0.16	102	2.33
2696833	Drill Core	2.46	34.63	60.57	151.05	3273.7	1349	76.1	7.2	88	1.26	28.9	11.3	1.0	3.9	63.2	27.44	18.97	0.15	184	1.40

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696804	Drill Core	0.015	4.9	0.7	0.16	98.8	<0.001	<20	0.03	0.004	0.03	<0.1	<0.1	<0.02	<0.02	5	0.2	0.03	<0.1	<0.02	<0.1
2696805	Drill Core	0.021	8.2	0.9	0.19	81.5	<0.001	<20	0.03	0.004	0.06	<0.1	0.4	0.02	0.11	<5	0.6	0.06	<0.1	0.02	<0.1
2696806	Drill Core	0.084	3.5	6.0	0.10	168.8	0.005	<20	0.36	0.002	0.26	1.4	2.5	2.71	4.12	611	32.1	1.22	1.0	1.40	<0.1
2696807	Drill Core	0.010	9.2	1.5	0.21	68.2	<0.001	<20	0.03	0.002	0.04	1.3	0.9	0.04	0.03	26	0.4	0.04	0.1	0.03	<0.1
2696808	Drill Core	0.008	4.1	1.5	0.30	77.6	<0.001	<20	0.04	<0.001	0.07	0.8	0.2	0.03	0.05	12	0.5	0.04	<0.1	0.06	<0.1
2696809	Drill Core	0.007	4.6	1.5	0.25	65.8	<0.001	<20	0.03	<0.001	0.02	<0.1	0.1	<0.02	<0.02	6	0.2	0.02	<0.1	<0.02	<0.1
2696810	Drill Core	0.008	7.6	1.5	0.22	71.6	<0.001	<20	0.03	0.002	0.04	<0.1	0.2	0.02	<0.02	15	0.5	0.03	<0.1	0.03	<0.1
2696811	Drill Core	0.010	5.2	1.5	0.23	60.7	<0.001	<20	0.04	0.002	0.05	<0.1	0.2	0.03	<0.02	53	0.8	0.04	0.1	0.05	<0.1
2696812	Drill Core	0.011	5.0	1.5	0.24	59.9	<0.001	<20	0.03	0.001	0.07	<0.1	0.2	0.03	<0.02	30	0.6	0.04	<0.1	0.05	<0.1
2696813	Rock Pulp	0.038	4.1	42.9	1.59	91.1	0.009	<20	1.41	0.009	0.12	0.9	2.9	9.33	7.75	8937	40.7	0.34	6.6	0.53	0.2
2696814	Drill Core	0.006	4.1	1.1	0.24	58.3	<0.001	<20	0.03	0.003	0.01	<0.1	0.1	<0.02	<0.02	40	0.2	0.04	<0.1	0.02	<0.1
2696815	Drill Core	0.012	4.6	1.9	0.26	64.7	<0.001	<20	0.03	0.001	0.02	<0.1	0.2	<0.02	0.03	117	1.1	0.05	0.2	0.03	<0.1
2696816	Drill Core	2.461	41.5	209.7	4.46	326.3	0.022	22	1.58	0.029	0.86	0.3	5.4	0.80	2.06	300	27.6	0.15	3.7	2.16	0.2
2696817	Drill Core	1.393	24.5	175.5	5.33	306.1	0.019	<20	1.30	0.007	1.13	0.2	5.8	0.58	1.48	206	22.6	0.13	3.2	2.26	<0.1
2696818	Drill Core	0.438	10.1	10.6	4.69	128.0	0.008	<20	0.64	0.020	0.67	<0.1	3.3	0.64	0.66	77	5.6	0.03	1.4	1.42	<0.1
2696819	Drill Core	0.124	4.7	6.6	4.31	115.3	0.003	<20	0.42	0.009	0.45	0.1	2.9	0.36	1.82	77	5.7	<0.02	0.8	0.82	<0.1
2696820	Drill Core	0.041	4.7	4.3	5.07	71.8	0.002	<20	0.29	0.010	0.42	<0.1	2.3	0.27	0.55	49	2.4	0.03	0.6	0.72	<0.1
2696821	Drill Core	0.018	4.0	2.7	0.62	199.6	<0.001	<20	0.04	0.003	0.24	<0.1	0.2	0.03	<0.02	7	0.7	0.05	<0.1	0.06	<0.1
2696822	Drill Core	2.064	38.5	178.1	5.18	897.2	0.023	41	1.30	0.023	0.72	<0.1	4.9	0.81	1.03	278	22.3	0.16	3.0	2.94	0.2
2696823	Rock Pulp	0.055	6.9	10.0	0.71	119.8	0.119	<20	1.55	0.173	0.23	2.4	2.2	0.04	<0.02	<5	<0.1	<0.02	4.3	0.29	<0.1
2696824	Drill Core	2.183	39.7	196.3	3.04	191.3	0.024	42	1.56	0.015	0.69	<0.1	5.0	1.18	1.45	188	35.0	0.23	3.4	3.11	0.1
2696825	Drill Core	0.039	8.5	6.3	0.27	546.7	0.003	<20	0.45	0.003	0.27	<0.1	2.1	0.90	1.51	187	14.0	0.13	1.1	2.09	<0.1
2696826	Drill Core	0.050	5.9	7.2	0.47	480.8	0.003	<20	0.48	0.003	0.29	<0.1	2.3	0.80	1.23	114	8.1	0.10	1.1	2.28	<0.1
2696827	Drill Core	0.093	3.1	8.0	0.20	45.4	0.004	<20	0.53	0.003	0.30	<0.1	2.2	19.99	6.56	225	25.8	0.19	1.4	2.56	<0.1
2696828	Drill Core	0.048	6.1	7.3	0.35	467.9	0.004	<20	0.48	0.003	0.28	<0.1	1.9	1.09	1.45	115	7.8	0.12	1.2	2.21	<0.1
2696829	Drill Core	0.057	5.7	7.2	0.50	445.4	0.004	<20	0.52	0.003	0.29	<0.1	2.7	1.11	1.68	219	12.4	0.15	1.3	2.50	<0.1
2696830	Drill Core	0.048	5.9	8.5	0.42	474.5	0.004	<20	0.61	0.003	0.34	<0.1	2.5	1.08	1.79	108	18.0	0.11	1.3	2.56	<0.1
2696831	Drill Core	0.055	10.0	9.5	0.33	975.1	0.004	<20	0.61	0.004	0.34	<0.1	2.6	1.00	0.81	116	11.7	0.11	1.5	2.67	<0.1
2696832	Drill Core	0.078	2.1	7.3	0.22	41.6	0.004	<20	0.48	0.004	0.27	<0.1	2.1	25.59	9.88	265	36.5	0.15	1.2	1.84	0.2
2696833	Drill Core	0.063	6.6	9.4	0.35	481.2	0.004	<20	0.59	0.003	0.32	<0.1	2.5	1.15	1.44	291	22.3	0.09	1.6	2.58	<0.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696804	Drill Core	<0.02	0.02	<0.1	<0.1	<0.05	0.4	6.62	3.2	<0.02	15	0.1	0.7	<10	3						
2696805	Drill Core	<0.02	0.03	0.2	<0.1	<0.05	0.7	10.89	5.6	<0.02	22	<0.1	0.9	<10	2						
2696806	Drill Core	0.54	0.08	9.2	0.4	<0.05	24.8	11.37	7.5	0.05	908	0.4	2.5	<10	6						
2696807	Drill Core	<0.02	<0.02	0.3	<0.1	<0.05	0.6	12.47	8.1	<0.02	23	0.1	0.6	<10	<2						
2696808	Drill Core	<0.02	0.03	0.5	<0.1	<0.05	0.5	6.96	2.4	<0.02	19	0.1	0.7	<10	2						
2696809	Drill Core	<0.02	0.03	0.1	<0.1	<0.05	0.2	7.38	2.7	<0.02	7	0.1	0.7	<10	<2						
2696810	Drill Core	<0.02	0.03	0.3	<0.1	<0.05	0.5	9.58	4.1	<0.02	15	0.1	0.6	<10	<2						
2696811	Drill Core	0.05	0.04	0.3	<0.1	<0.05	0.5	7.57	3.4	<0.02	18	<0.1	0.7	<10	<2						
2696812	Drill Core	<0.02	0.04	0.4	<0.1	<0.05	0.6	7.46	3.1	<0.02	11	0.1	0.7	<10	<2						
2696813	Rock Pulp	0.09	0.05	4.2	17.4	<0.05	3.3	4.95	7.3	2.64	17	0.3	19.0	<10	<2						
2696814	Drill Core	<0.02	<0.02	0.1	<0.1	<0.05	0.4	5.60	2.5	<0.02	10	<0.1	0.5	<10	<2						
2696815	Drill Core	<0.02	0.02	0.2	<0.1	<0.05	0.7	6.56	2.9	<0.02	6	<0.1	0.5	<10	<2						
2696816	Drill Core	0.03	0.06	25.8	0.5	<0.05	1.6	71.32	53.8	<0.02	82	1.1	28.5	19	13						
2696817	Drill Core	<0.02	0.05	27.7	0.6	<0.05	1.0	61.85	47.1	0.02	74	1.0	19.4	20	16						
2696818	Drill Core	<0.02	0.02	13.6	0.3	<0.05	1.6	27.52	24.6	<0.02	107	0.6	9.5	<10	4						
2696819	Drill Core	0.14	<0.02	8.3	0.2	<0.05	7.7	15.01	11.2	<0.02	14	0.3	5.8	<10	<2						
2696820	Drill Core	0.15	<0.02	6.1	0.1	<0.05	6.7	9.92	8.5	<0.02	25	0.3	4.9	<10	<2						
2696821	Drill Core	<0.02	<0.02	0.4	0.1	<0.05	0.6	6.15	2.3	<0.02	6	0.1	0.9	<10	<2						
2696822	Drill Core	<0.02	0.10	28.5	0.5	<0.05	1.3	60.74	42.9	<0.02	66	0.7	13.1	<10	7						
2696823	Rock Pulp	0.05	0.12	6.3	0.3	<0.05	1.3	4.27	14.1	<0.02	<1	0.1	5.6	<10	<2						
2696824	Drill Core	<0.02	0.11	33.0	0.7	<0.05	1.6	83.00	48.1	0.03	82	1.3	13.5	13	8						
2696825	Drill Core	0.21	<0.02	13.6	0.3	<0.05	10.9	7.59	13.2	0.03	47	0.4	4.8	<10	4						
2696826	Drill Core	0.18	<0.02	14.5	0.2	<0.05	10.7	7.85	9.6	0.02	42	0.4	4.3	<10	<2						
2696827	Drill Core	0.47	0.03	15.4	0.2	<0.05	17.6	14.43	6.3	<0.02	80	0.4	4.5	10	4						
2696828	Drill Core	0.24	<0.02	14.5	0.2	<0.05	10.9	7.84	9.8	<0.02	42	0.3	4.2	<10	<2						
2696829	Drill Core	0.27	<0.02	15.6	0.2	<0.05	12.1	9.29	9.8	0.04	45	0.4	5.2	<10	3						
2696830	Drill Core	0.23	<0.02	17.0	0.2	<0.05	12.1	9.02	10.5	<0.02	32	0.3	5.2	<10	4						
2696831	Drill Core	0.16	<0.02	18.1	0.3	<0.05	9.0	9.39	16.6	0.05	36	0.3	5.5	<10	<2						
2696832	Drill Core	0.31	0.05	13.3	0.2	<0.05	13.8	14.01	5.1	<0.02	59	0.3	4.3	<10	3						
2696833	Drill Core	0.21	<0.02	16.9	0.3	<0.05	11.0	9.47	11.7	<0.02	46	0.4	5.2	<10	3						

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

		Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
		Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
		MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696804	Drill Core																					
2696805	Drill Core																					
2696806	Drill Core																					
2696807	Drill Core																					
2696808	Drill Core																					
2696809	Drill Core																					
2696810	Drill Core																					
2696811	Drill Core																					
2696812	Drill Core																					
2696813	Rock Pulp																					
2696814	Drill Core																					
2696815	Drill Core																					
2696816	Drill Core																					
2696817	Drill Core																					
2696818	Drill Core																					
2696819	Drill Core																					
2696820	Drill Core																					
2696821	Drill Core																					
2696822	Drill Core																					
2696823	Rock Pulp																					
2696824	Drill Core																					
2696825	Drill Core																					
2696826	Drill Core																					
2696827	Drill Core																					
2696828	Drill Core																					
2696829	Drill Core																					
2696830	Drill Core																					
2696831	Drill Core																					
2696832	Drill Core																					
2696833	Drill Core																					

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2696804	Drill Core									96	2.68
2696805	Drill Core									81	2.61
2696806	Drill Core									1889	2.49
2696807	Drill Core									80	2.62
2696808	Drill Core									87	2.63
2696809	Drill Core									66	2.65
2696810	Drill Core									75	2.65
2696811	Drill Core									66	2.64
2696812	Drill Core									58	2.65
2696813	Rock Pulp									686	2.93
2696814	Drill Core									58	2.67
2696815	Drill Core									61	2.70
2696816	Drill Core									546	2.58
2696817	Drill Core									666	2.58
2696818	Drill Core									816	2.61
2696819	Drill Core									711	2.66
2696820	Drill Core									631	2.65
2696821	Drill Core									208	2.64
2696822	Drill Core									1441	2.56
2696823	Rock Pulp									560	I.S.
2696824	Drill Core									2477	2.56
2696825	Drill Core									4043	2.56
2696826	Drill Core									2941	2.50
2696827	Drill Core									3211	2.69
2696828	Drill Core									3146	2.53
2696829	Drill Core									3327	2.55
2696830	Drill Core									3424	2.59
2696831	Drill Core									4513	2.55
2696832	Drill Core									3546	2.82
2696833	Drill Core									3675	2.55

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696834	Drill Core	2.01	33.59	63.30	115.13	3898.9	1303	81.2	6.3	81	1.24	30.0	11.5	0.8	3.8	60.1	32.01	19.69	0.16	156	1.27
2696835	Drill Core	6.72																			
2696836	Drill Core	2.70																			
2696837	Drill Core	4.01																			
2696838	Drill Core	3.84																			
2696839	Drill Core	4.43																			
2696840	Drill Core	4.18																			
2696841	Drill Core	3.96																			
2696842	Drill Core	3.94																			
2696843	Rock Pulp	0.08																			
2696844	Drill Core	4.87																			
2696845	Drill Core	4.11																			
2696846	Drill Core	4.15																			
2696847	Drill Core	3.24																			
2696848	Drill Core	4.55																			
2696849	Drill Core	3.59																			
2696850	Drill Core	3.98																			
2696851	Drill Core	4.10																			
2696852	Drill Core	4.29																			
2696853	Core DUP																				
2696854	Drill Core	4.21																			
2696855	Drill Core	5.15																			
2696856	Drill Core	3.32																			
2696857	Drill Core	4.04																			
2696858	Drill Core	3.56																			
2696859	Drill Core	4.11																			
2696860	Drill Core	4.01																			
2696861	Drill Core	4.26																			
2696862	Drill Core	4.51																			
2696863	Rock Pulp	0.02																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696834	Drill Core	0.055	6.6	7.0	0.35	483.6	0.004	<20	0.47	0.002	0.27	<0.1	2.2	1.00	1.46	293	20.1	0.14	1.2	2.42	<0.1
2696835	Drill Core																				
2696836	Drill Core																				
2696837	Drill Core																				
2696838	Drill Core																				
2696839	Drill Core																				
2696840	Drill Core																				
2696841	Drill Core																				
2696842	Drill Core																				
2696843	Rock Pulp																				
2696844	Drill Core																				
2696845	Drill Core																				
2696846	Drill Core																				
2696847	Drill Core																				
2696848	Drill Core																				
2696849	Drill Core																				
2696850	Drill Core																				
2696851	Drill Core																				
2696852	Drill Core																				
2696853	Core DUP																				
2696854	Drill Core																				
2696855	Drill Core																				
2696856	Drill Core																				
2696857	Drill Core																				
2696858	Drill Core																				
2696859	Drill Core																				
2696860	Drill Core																				
2696861	Drill Core																				
2696862	Drill Core																				
2696863	Rock Pulp																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696834	Drill Core	0.24	<0.02	14.9	0.2	<0.05	11.3	8.30	11.0	0.03	44	0.2	4.5	<10	3						
2696835	Drill Core															26.2	42.9	182.8	1934	0.7	78.0
2696836	Drill Core															30.9	43.8	113.6	887	0.8	97.1
2696837	Drill Core															31.0	41.3	86.5	1051	0.6	86.7
2696838	Drill Core															34.4	40.7	98.6	1345	0.7	101.4
2696839	Drill Core															46.3	34.9	77.5	1121	0.6	122.7
2696840	Drill Core															51.0	57.2	149.0	811	1.0	159.7
2696841	Drill Core															8.7	32.1	42.3	147	<0.5	23.8
2696842	Drill Core															32.4	41.8	84.9	1072	0.6	99.6
2696843	Rock Pulp															21.4	3947.2	15200.4	31688	106.3	36.7
2696844	Drill Core															39.4	47.7	111.2	1142	0.7	114.4
2696845	Drill Core															39.5	45.1	87.8	1260	0.6	100.7
2696846	Drill Core															35.7	41.3	89.2	1133	0.6	109.0
2696847	Drill Core															33.9	42.1	85.4	1723	0.6	93.7
2696848	Drill Core															20.1	30.3	84.2	821	<0.5	63.1
2696849	Drill Core															24.6	41.9	128.2	1254	0.6	90.5
2696850	Drill Core															12.8	44.9	95.5	884	<0.5	85.5
2696851	Drill Core															2.4	22.5	22.0	224	<0.5	56.4
2696852	Drill Core															2.7	32.8	23.0	169	<0.5	66.3
2696853	Core DUP															2.7	31.5	23.8	175	<0.5	61.8
2696854	Drill Core															2.2	25.0	17.3	152	<0.5	54.1
2696855	Drill Core															4.7	35.3	28.3	243	<0.5	75.9
2696856	Drill Core															36.0	40.5	94.4	1217	0.8	120.4
2696857	Drill Core															43.0	44.1	117.8	1029	0.8	129.8
2696858	Drill Core															38.1	47.7	114.9	1189	0.8	113.9
2696859	Drill Core															34.8	47.2	113.5	1022	0.7	104.2
2696860	Drill Core															40.8	41.8	117.8	1233	0.7	118.8
2696861	Drill Core															41.3	47.6	131.4	899	0.8	119.3
2696862	Drill Core															32.4	45.0	90.9	1106	0.6	89.8
2696863	Rock Pulp															1.9	55.5	3.2	37	<0.5	5.5

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696834	Drill Core																				
2696835	Drill Core	6.5	89	1.72	39	7.4	2.8	83	13.7	15.2	<0.5	92	0.72	0.027	12.8	7.5	0.18	1045	0.003	0.36	<0.01
2696836	Drill Core	8.4	60	2.29	39	6.9	3.6	58	5.5	11.8	<0.5	69	0.30	0.029	13.4	7.1	0.14	1058	0.002	0.36	<0.01
2696837	Drill Core	5.1	343	1.32	29	10.4	3.0	835	8.4	14.9	<0.5	155	4.73	0.041	10.4	8.4	0.35	3895	0.002	0.47	<0.01
2696838	Drill Core	6.6	115	1.52	34	12.9	3.3	222	10.2	15.0	<0.5	131	0.99	0.036	13.9	8.0	0.27	3022	0.003	0.61	<0.01
2696839	Drill Core	7.0	99	1.57	34	14.1	3.1	123	6.9	11.6	<0.5	141	0.66	0.037	13.6	8.9	0.33	3278	0.003	0.63	<0.01
2696840	Drill Core	8.9	96	2.74	69	16.0	3.4	108	5.2	20.4	<0.5	71	0.59	0.045	14.1	8.2	0.28	1084	0.002	1.30	<0.01
2696841	Drill Core	1.6	1325	0.54	16	2.9	0.8	4028	1.0	5.4	<0.5	56	27.13	0.093	3.9	4.5	0.59	>5000	0.001	0.14	0.02
2696842	Drill Core	6.4	117	1.67	33	10.7	3.3	188	7.0	13.2	<0.5	131	0.76	0.043	13.4	7.8	0.34	3441	0.003	1.51	<0.01
2696843	Rock Pulp	26.1	868	8.98	538	1.1	1.0	34	197.5	143.1	10.9	38	1.55	0.041	6.6	45.8	1.59	221	0.011	1.38	<0.01
2696844	Drill Core	6.9	100	1.97	44	12.9	3.4	216	7.6	15.1	<0.5	124	0.64	0.044	14.9	10.1	0.29	1934	0.003	1.22	<0.01
2696845	Drill Core	6.7	104	1.37	30	13.2	3.5	586	9.2	14.1	<0.5	157	0.88	0.056	16.3	9.6	0.30	>5000	0.003	1.49	<0.01
2696846	Drill Core	6.5	103	1.59	34	12.4	3.2	154	8.6	13.0	<0.5	178	0.72	0.050	14.8	12.1	0.32	4052	0.004	1.54	<0.01
2696847	Drill Core	6.1	109	1.40	32	11.3	3.3	162	13.3	13.8	<0.5	158	0.75	0.055	15.2	9.9	0.35	3730	0.004	1.32	<0.01
2696848	Drill Core	4.1	771	1.16	26	5.9	2.5	1521	5.9	9.9	<0.5	128	13.19	0.063	11.0	7.3	0.64	>5000	0.002	0.83	<0.01
2696849	Drill Core	6.1	84	1.83	38	7.4	4.3	134	7.5	12.5	<0.5	94	0.69	0.053	16.7	7.1	0.18	1259	0.004	0.70	<0.01
2696850	Drill Core	13.5	173	3.09	30	4.2	5.6	363	5.1	9.0	<0.5	56	2.11	0.051	20.4	6.9	0.13	676	0.004	0.50	<0.01
2696851	Drill Core	19.1	230	3.59	16	0.9	8.3	295	0.8	3.8	<0.5	14	1.24	0.050	28.2	4.9	0.19	514	0.003	0.50	<0.01
2696852	Drill Core	21.6	746	4.74	20	1.0	7.6	437	0.8	4.6	<0.5	16	2.44	0.039	25.2	6.3	0.83	352	0.003	0.55	<0.01
2696853	Core DUP	21.8	705	4.78	19	1.0	7.7	435	0.8	4.9	<0.5	13	2.38	0.035	24.1	4.4	0.81	359	0.003	0.46	<0.01
2696854	Drill Core	20.1	189	3.28	18	0.6	7.9	207	<0.5	4.0	<0.5	11	0.85	0.047	27.1	5.9	0.18	809	0.004	0.56	<0.01
2696855	Drill Core	17.0	234	4.40	20	1.2	6.5	355	1.2	5.1	<0.5	22	1.48	0.037	21.4	5.3	0.25	347	0.003	0.43	<0.01
2696856	Drill Core	7.1	146	2.14	35	11.2	3.3	219	7.0	11.8	<0.5	101	0.98	0.038	15.3	7.0	0.36	917	0.003	0.40	<0.01
2696857	Drill Core	7.7	90	2.19	46	12.1	3.8	130	6.6	14.4	<0.5	89	0.61	0.048	15.5	5.8	0.27	1093	0.003	0.41	<0.01
2696858	Drill Core	8.2	113	1.85	36	11.8	3.5	151	7.6	12.4	<0.5	94	0.68	0.017	14.8	7.2	0.37	892	0.002	0.37	<0.01
2696859	Drill Core	7.0	104	1.93	39	12.3	2.9	158	6.9	13.0	<0.5	91	1.18	0.029	11.8	5.1	0.61	818	0.002	0.60	<0.01
2696860	Drill Core	6.9	96	1.89	42	13.3	3.4	124	7.7	14.1	<0.5	144	0.58	0.062	15.4	10.5	0.26	1624	0.004	0.90	<0.01
2696861	Drill Core	7.9	95	2.00	46	12.5	3.9	104	5.0	15.1	<0.5	87	0.60	0.050	15.8	7.7	0.31	1327	0.003	0.81	<0.01
2696862	Drill Core	6.6	108	1.55	30	10.5	3.1	441	7.4	11.3	<0.5	149	0.78	0.053	14.6	10.1	0.32	2891	0.004	0.95	<0.01
2696863	Rock Pulp	8.8	406	2.56	<5	0.8	2.6	68	<0.5	<0.5	<0.5	95	0.86	0.054	6.8	12.4	0.69	117	0.133	1.51	0.16

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2696834	Drill Core									3399	2.56
2696835	Drill Core	0.16	<0.5	0.64	1.9	1.7	1.91	<5	12	20014	2.57
2696836	Drill Core	0.16	<0.5	0.38	2.1	2.8	2.60	<5	8	9609	2.58
2696837	Drill Core	0.10	<0.5	0.33	3.1	1.6	0.91	<5	9	32038	2.57
2696838	Drill Core	0.11	0.5	0.45	2.8	1.9	0.95	<5	10	47406	2.61
2696839	Drill Core	0.11	<0.5	0.26	3.0	2.2	0.96	<5	8	47732	2.61
2696840	Drill Core	0.10	1.0	0.33	3.8	5.6	2.21	<5	8	50276	2.61
2696841	Drill Core	0.02	<0.5	0.07	1.6	1.3	0.38	<5	<2	34682	2.74
2696842	Drill Core	0.10	<0.5	0.21	3.7	2.1	1.00	<5	10	48389	2.62
2696843	Rock Pulp	0.12	0.9	7.75	3.3	8.2	8.10	7	37	694	2.96
2696844	Drill Core	0.11	0.5	0.23	3.2	3.0	1.32	<5	10	50384	2.64
2696845	Drill Core	0.10	0.5	0.20	4.1	1.9	0.58	<5	10	59311	2.62
2696846	Drill Core	0.11	<0.5	0.18	3.9	2.2	0.84	<5	8	50573	2.64
2696847	Drill Core	0.10	0.5	0.26	3.2	1.8	0.90	<5	11	43093	2.60
2696848	Drill Core	0.07	<0.5	0.17	2.7	1.5	0.71	<5	7	40600	2.60
2696849	Drill Core	0.13	0.6	0.17	2.0	2.0	1.79	<5	10	23609	2.55
2696850	Drill Core	0.23	<0.5	0.16	1.9	2.2	3.50	<5	7	12865	2.59
2696851	Drill Core	0.28	<0.5	0.07	2.8	1.1	4.05	<5	<2	14335	2.60
2696852	Drill Core	0.29	<0.5	0.08	4.3	1.4	5.27	<5	2	12860	2.60
2696853	Core DUP	0.27	<0.5	0.06	3.8	1.4	5.30	<5	3	12974	2.68
2696854	Drill Core	0.33	<0.5	0.05	2.8	1.6	3.80	<5	<2	9197	2.68
2696855	Drill Core	0.25	<0.5	0.05	3.1	1.5	5.12	<5	4	12366	2.61
2696856	Drill Core	0.14	0.7	0.18	2.0	2.7	2.39	<5	10	16704	2.48
2696857	Drill Core	0.13	0.7	0.22	1.8	3.6	2.35	<5	9	18318	2.51
2696858	Drill Core	0.13	0.6	0.29	2.3	2.9	1.88	<5	9	30254	2.51
2696859	Drill Core	0.10	0.6	0.25	2.3	3.0	1.90	<5	9	41078	2.54
2696860	Drill Core	0.14	0.7	0.21	2.9	3.5	1.70	<5	10	32457	2.52
2696861	Drill Core	0.13	0.7	0.19	2.8	4.1	1.92	<5	6	32989	2.53
2696862	Drill Core	0.12	0.5	0.20	2.6	2.0	1.00	<5	8	44062	2.56
2696863	Rock Pulp	0.18	2.6	<0.05	2.8	<0.5	<0.05	<5	<2	594	I.S.

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696864	Drill Core	1.69																			
2696865	Drill Core	2.99																			
2696866	Drill Core	3.88																			
2696867	Drill Core	4.28																			
2696868	Drill Core	4.01																			
2696869	Drill Core	3.88																			
2696870	Drill Core	3.85																			
2696871	Drill Core	4.92																			
2696872	Drill Core	2.61																			
2696873	Rock Pulp	0.08																			
2696874	Drill Core	4.49																			
2696875	Drill Core	3.78																			
2696876	Drill Core	4.92																			
2696877	Drill Core	4.50																			
2696878	Drill Core	4.56																			
2696879	Drill Core	2.81																			
2696880	Drill Core	3.32																			
2696881	Drill Core	4.01																			
2696882	Drill Core	3.93																			
2696883	Pulp DUP																				
2696884	Drill Core	4.78																			
2696885	Drill Core	3.98																			
2696886	Drill Core	2.06																			
2696887	Drill Core	4.61																			
2696888	Drill Core	4.36																			
2696889	Drill Core	3.57																			
2696890	Drill Core	4.21																			
2696891	Drill Core	4.20																			
2696892	Drill Core	3.56																			
2696893	Rock Pulp	0.02																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696864	Drill Core																				
2696865	Drill Core																				
2696866	Drill Core																				
2696867	Drill Core																				
2696868	Drill Core																				
2696869	Drill Core																				
2696870	Drill Core																				
2696871	Drill Core																				
2696872	Drill Core																				
2696873	Rock Pulp																				
2696874	Drill Core																				
2696875	Drill Core																				
2696876	Drill Core																				
2696877	Drill Core																				
2696878	Drill Core																				
2696879	Drill Core																				
2696880	Drill Core																				
2696881	Drill Core																				
2696882	Drill Core																				
2696883	Pulp DUP																				
2696884	Drill Core																				
2696885	Drill Core																				
2696886	Drill Core																				
2696887	Drill Core																				
2696888	Drill Core																				
2696889	Drill Core																				
2696890	Drill Core																				
2696891	Drill Core																				
2696892	Drill Core																				
2696893	Rock Pulp																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696864	Drill Core															34.3	86.8	91.7	1546	0.7	98.6
2696865	Drill Core															31.1	43.6	85.6	1138	0.7	101.2
2696866	Drill Core															9.7	38.6	21.4	299	<0.5	64.1
2696867	Drill Core															6.1	39.8	16.3	226	<0.5	54.3
2696868	Drill Core															8.2	42.5	16.7	284	0.6	61.7
2696869	Drill Core															8.1	46.4	15.2	285	0.5	60.4
2696870	Drill Core															11.0	49.2	15.5	281	0.6	74.5
2696871	Drill Core															35.4	49.6	133.2	1291	0.7	106.1
2696872	Drill Core															45.9	35.7	97.5	1339	0.6	122.7
2696873	Rock Pulp															23.5	3930.7	17019.8	32169	106.7	38.6
2696874	Drill Core															29.5	50.6	231.0	2596	1.1	117.3
2696875	Drill Core															39.2	50.6	222.9	1417	0.9	132.0
2696876	Drill Core															34.5	44.0	168.5	1081	0.8	124.0
2696877	Drill Core															45.0	33.4	112.5	1109	0.6	124.8
2696878	Drill Core															48.3	37.5	131.2	1201	0.6	132.0
2696879	Drill Core															49.0	38.5	130.9	1240	0.7	132.5
2696880	Drill Core															46.9	39.7	150.6	1310	0.6	130.5
2696881	Drill Core															39.7	79.6	204.3	1271	0.8	142.2
2696882	Drill Core															39.9	30.0	103.9	1046	0.5	109.6
2696883	Pulp DUP															37.9	26.1	100.8	1042	0.6	106.5
2696884	Drill Core															22.7	28.9	110.0	1295	0.6	83.2
2696885	Drill Core															14.9	22.5	76.4	478	<0.5	48.4
2696886	Drill Core															18.8	57.7	146.6	250	0.7	83.3
2696887	Drill Core															18.3	47.6	117.5	174	0.6	79.5
2696888	Drill Core															16.3	25.2	118.8	682	<0.5	56.5
2696889	Drill Core															14.8	17.4	40.8	171	<0.5	48.0
2696890	Drill Core															28.2	40.8	184.7	1572	0.7	96.9
2696891	Drill Core															36.5	43.9	150.0	1178	0.8	119.8
2696892	Drill Core															40.7	45.5	147.6	1100	0.7	115.9
2696893	Rock Pulp															1.6	52.9	3.6	36	<0.5	6.2

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696864	Drill Core	6.3	115	1.48	33	12.2	3.4	586	11.5	17.1	<0.5	190	0.98	0.051	15.9	10.1	0.36	>5000	0.004	1.47	<0.01
2696865	Drill Core	6.6	105	2.05	31	9.8	3.8	130	8.5	13.9	<0.5	111	0.80	0.052	15.3	7.7	0.33	1726	0.004	0.75	<0.01
2696866	Drill Core	8.4	193	2.31	18	2.8	5.1	663	2.3	5.6	<0.5	56	4.21	0.066	17.5	10.2	0.55	1615	0.005	0.45	<0.01
2696867	Drill Core	8.8	277	2.49	15	1.9	5.4	772	1.7	5.1	<0.5	37	5.70	0.053	17.1	7.7	0.54	1133	0.003	0.41	<0.01
2696868	Drill Core	8.9	156	2.36	17	2.1	6.2	443	2.3	5.7	<0.5	46	2.75	0.094	19.8	9.8	0.39	1425	0.006	0.48	0.01
2696869	Drill Core	8.2	164	2.44	16	2.1	6.1	531	2.3	5.7	<0.5	37	3.10	0.079	19.7	7.2	0.34	1467	0.004	0.43	0.01
2696870	Drill Core	8.1	161	2.39	19	2.8	7.0	445	2.0	6.1	<0.5	49	2.29	0.079	22.6	10.5	0.37	1079	0.006	0.49	0.01
2696871	Drill Core	5.8	445	1.90	48	17.7	3.5	703	8.2	13.2	<0.5	119	6.11	0.043	14.0	6.1	0.19	1590	0.004	0.36	<0.01
2696872	Drill Core	7.8	68	1.61	29	14.4	4.1	103	8.9	10.1	<0.5	131	0.59	0.041	16.5	6.4	0.12	1068	0.005	0.42	<0.01
2696873	Rock Pulp	25.0	1029	9.60	561	1.1	1.0	39	199.6	164.9	12.5	36	1.66	0.044	7.0	47.8	1.68	236	0.012	1.40	0.01
2696874	Drill Core	6.9	43	2.49	57	11.1	4.8	59	16.7	19.5	<0.5	130	0.35	0.052	19.6	8.6	0.06	1074	0.005	0.54	<0.01
2696875	Drill Core	7.0	138	2.59	51	11.0	4.3	756	9.7	16.1	<0.5	213	1.41	0.048	19.0	14.4	0.35	1133	0.016	0.36	<0.01
2696876	Drill Core	7.3	128	2.72	47	10.3	5.4	436	7.2	14.1	<0.5	201	2.66	0.056	17.5	17.3	0.14	689	0.009	0.48	<0.01
2696877	Drill Core	8.3	48	1.98	33	13.2	4.8	54	7.2	9.6	<0.5	135	0.19	0.055	19.1	7.8	0.09	1551	0.005	0.47	<0.01
2696878	Drill Core	7.5	57	2.16	38	15.1	4.9	68	8.0	11.2	<0.5	166	0.54	0.060	20.3	10.7	0.10	1227	0.006	0.56	<0.01
2696879	Drill Core	7.2	40	2.18	38	14.6	4.7	44	7.7	11.4	<0.5	146	0.18	0.061	19.0	8.3	0.07	1515	0.005	0.55	<0.01
2696880	Drill Core	8.0	70	2.18	38	14.7	4.6	73	7.9	13.5	<0.5	187	0.37	0.052	19.2	12.0	0.13	1894	0.006	0.79	<0.01
2696881	Drill Core	5.7	89	3.02	65	8.8	3.3	514	7.7	17.9	<0.5	262	1.30	0.049	14.5	14.6	0.24	1238	0.004	1.92	<0.01
2696882	Drill Core	7.9	94	1.67	30	10.2	4.2	104	7.3	12.2	<0.5	198	0.61	0.045	17.4	14.2	0.24	2793	0.005	1.41	<0.01
2696883	Pulp DUP	8.2	94	1.66	29	9.6	4.1	121	7.0	11.5	<0.5	195	0.61	0.040	16.7	13.3	0.24	2594	0.005	1.40	<0.01
2696884	Drill Core	5.2	266	1.59	31	6.6	3.2	813	8.1	14.2	<0.5	383	4.11	0.045	14.2	22.8	0.27	>5000	0.005	1.74	<0.01
2696885	Drill Core	4.2	517	1.20	20	4.5	2.5	1274	3.2	8.2	<0.5	137	14.42	0.055	10.4	10.4	0.35	>5000	0.003	0.53	<0.01
2696886	Drill Core	10.7	148	3.12	46	3.9	6.3	125	1.6	12.1	<0.5	70	0.72	0.070	24.0	19.8	0.39	688	0.006	0.48	<0.01
2696887	Drill Core	9.9	83	2.73	34	3.3	7.0	89	1.0	9.9	<0.5	85	0.40	0.075	24.9	14.9	0.19	861	0.007	0.58	<0.01
2696888	Drill Core	5.0	94	1.37	18	4.5	3.7	407	4.2	5.4	<0.5	101	1.20	0.049	15.0	16.2	0.26	3849	0.007	0.36	<0.01
2696889	Drill Core	3.1	715	0.91	10	4.8	2.3	1714	0.7	3.8	<0.5	137	17.05	0.098	10.8	6.4	0.58	4379	0.003	0.30	<0.01
2696890	Drill Core	7.4	84	1.96	49	8.7	4.7	83	9.5	13.2	<0.5	132	0.50	0.051	19.9	11.6	0.24	1318	0.005	0.59	<0.01
2696891	Drill Core	7.1	101	2.27	40	9.7	4.0	832	7.6	17.9	<0.5	579	0.49	0.045	18.7	32.3	0.32	>5000	0.011	2.54	<0.01
2696892	Drill Core	5.9	85	2.33	44	9.0	3.5	792	6.6	16.6	<0.5	482	0.98	0.047	16.6	29.6	0.33	>5000	0.011	2.62	<0.01
2696893	Rock Pulp	8.4	422	2.81	<5	0.8	2.8	80	<0.5	<0.5	<0.5	95	0.97	0.054	7.4	10.1	0.71	123	0.144	1.59	0.18

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2696864	Drill Core	0.10	<0.5	0.26	5.9	1.9	0.74	<5	10	53931	2.53
2696865	Drill Core	0.13	0.6	0.20	3.0	2.4	1.86	<5	7	29647	2.49
2696866	Drill Core	0.18	<0.5	<0.05	4.4	1.3	2.45	<5	5	16043	2.51
2696867	Drill Core	0.16	<0.5	<0.05	5.0	1.3	2.48	<5	5	19460	2.54
2696868	Drill Core	0.20	<0.5	0.07	4.2	1.7	2.52	<5	4	8783	2.51
2696869	Drill Core	0.17	<0.5	<0.05	4.2	1.8	2.63	<5	4	7175	2.54
2696870	Drill Core	0.22	<0.5	0.09	3.2	2.0	2.55	<5	3	6112	2.48
2696871	Drill Core	0.13	0.9	0.19	1.8	5.3	2.13	<5	13	11323	2.50
2696872	Drill Core	0.16	0.6	0.15	1.9	3.1	1.77	<5	11	8974	2.42
2696873	Rock Pulp	0.13	0.8	7.98	4.0	8.5	8.25	7	40	728	2.85
2696874	Drill Core	0.18	0.6	0.37	1.4	8.0	2.77	<5	17	13788	2.47
2696875	Drill Core	0.13	0.8	0.24	4.0	8.8	2.16	<5	12	57031	2.53
2696876	Drill Core	0.17	0.6	0.21	3.2	8.4	2.67	<5	9	44105	2.56
2696877	Drill Core	0.19	0.8	0.24	2.3	5.1	2.22	<5	8	11935	2.47
2696878	Drill Core	0.21	0.7	0.26	3.1	5.4	2.40	<5	8	16265	2.50
2696879	Drill Core	0.18	0.6	0.23	2.1	5.8	2.41	<5	11	17249	2.51
2696880	Drill Core	0.18	0.6	0.20	3.3	6.1	2.26	<5	8	27364	2.57
2696881	Drill Core	0.09	0.6	0.26	9.1	10.2	1.56	<5	10	108155	2.77
2696882	Drill Core	0.16	<0.5	0.20	5.9	3.1	1.23	<5	10	48552	2.63
2696883	Pulp DUP	0.16	<0.5	0.13	5.6	2.9	1.22	<5	8	47985	2.63
2696884	Drill Core	0.07	<0.5	0.15	10.1	3.9	0.16	<5	7	150992	2.87
2696885	Drill Core	0.04	<0.5	<0.05	5.0	2.7	0.15	<5	5	133606	2.85
2696886	Drill Core	0.24	<0.5	<0.05	5.6	6.8	3.28	<5	4	38859	2.67
2696887	Drill Core	0.27	<0.5	0.09	4.1	5.3	2.90	<5	5	29265	2.67
2696888	Drill Core	0.14	0.5	<0.05	3.0	2.2	1.01	<5	4	47603	2.64
2696889	Drill Core	0.09	<0.5	<0.05	3.4	1.2	0.93	<5	2	22550	2.63
2696890	Drill Core	0.18	0.5	0.12	3.5	4.6	2.08	<5	9	27240	2.57
2696891	Drill Core	0.10	<0.5	0.17	12.8	5.1	0.33	5	10	126783	2.79
2696892	Drill Core	0.07	<0.5	0.14	11.4	6.5	0.31	<5	7	130501	2.81
2696893	Rock Pulp	0.19	2.3	<0.05	2.7	<0.5	<0.05	<5	<2	703	I.S.

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696894	Drill Core	4.13																			
2696895	Drill Core	5.00																			
2696896	Drill Core	3.70																			
2696897	Drill Core	4.55																			
2696898	Drill Core	5.51																			
2696899	Drill Core	3.81																			
2696900	Drill Core	4.53																			
2696901	Drill Core	4.42																			
2696902	Drill Core	4.52																			
2696903	Rock Pulp	0.08																			
2696904	Drill Core	4.58																			
2696905	Drill Core	3.32																			
2696906	Drill Core	3.45																			
2696907	Drill Core	5.24																			
2696908	Drill Core	3.60																			
2696909	Drill Core	3.54																			
2696910	Drill Core	3.32																			
2696911	Drill Core	2.28																			
2696912	Drill Core	2.24																			
2696913	Core DUP																				
2696914	Drill Core	3.21																			
2696915	Drill Core	3.89																			
2696916	Drill Core	3.65																			
2696917	Drill Core	3.49																			
2696918	Drill Core	3.17																			
2696919	Drill Core	2.43																			
2696920	Drill Core	3.98																			
2696921	Drill Core	3.11																			
2696922	Drill Core	3.74																			
2696923	Rock Pulp	0.02																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696894	Drill Core																				
2696895	Drill Core																				
2696896	Drill Core																				
2696897	Drill Core																				
2696898	Drill Core																				
2696899	Drill Core																				
2696900	Drill Core																				
2696901	Drill Core																				
2696902	Drill Core																				
2696903	Rock Pulp																				
2696904	Drill Core																				
2696905	Drill Core																				
2696906	Drill Core																				
2696907	Drill Core																				
2696908	Drill Core																				
2696909	Drill Core																				
2696910	Drill Core																				
2696911	Drill Core																				
2696912	Drill Core																				
2696913	Core DUP																				
2696914	Drill Core																				
2696915	Drill Core																				
2696916	Drill Core																				
2696917	Drill Core																				
2696918	Drill Core																				
2696919	Drill Core																				
2696920	Drill Core																				
2696921	Drill Core																				
2696922	Drill Core																				
2696923	Rock Pulp																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696894	Drill Core															46.0	43.3	158.6	1165	0.8	128.5
2696895	Drill Core															39.9	54.7	199.3	1711	1.2	123.2
2696896	Drill Core															34.9	55.0	183.4	1915	1.1	133.2
2696897	Drill Core															19.4	29.3	55.9	629	<0.5	71.1
2696898	Drill Core															27.7	41.0	74.3	621	0.6	93.5
2696899	Drill Core															38.2	52.4	250.3	2841	1.5	113.4
2696900	Drill Core															30.2	42.9	155.2	1623	1.4	85.2
2696901	Drill Core															38.3	44.9	160.2	1995	1.2	101.2
2696902	Drill Core															28.6	26.5	91.0	725	0.5	66.9
2696903	Rock Pulp															22.3	3907.2	15552.5	31439	105.0	32.3
2696904	Drill Core															31.7	40.2	178.6	1263	1.0	111.7
2696905	Drill Core															31.4	32.0	151.1	1170	0.8	96.8
2696906	Drill Core															40.2	45.2	289.3	2341	1.1	133.2
2696907	Drill Core															43.7	48.2	305.0	1872	1.3	144.3
2696908	Drill Core															35.2	49.4	367.2	1415	1.5	133.3
2696909	Drill Core															40.5	42.3	237.4	1226	1.2	141.5
2696910	Drill Core															39.5	46.5	254.0	1485	1.1	128.3
2696911	Drill Core															38.9	53.3	284.6	910	1.8	144.6
2696912	Drill Core															45.9	35.5	103.2	1966	0.9	95.4
2696913	Core DUP															48.5	38.7	110.1	1936	0.9	102.5
2696914	Drill Core															58.7	43.2	97.7	877	0.9	122.9
2696915	Drill Core															28.3	64.4	72.1	649	0.6	54.3
2696916	Drill Core															42.8	49.6	212.7	1210	1.4	144.0
2696917	Drill Core															37.2	48.3	278.4	1102	1.3	141.2
2696918	Drill Core															42.1	38.5	275.2	2483	1.0	132.2
2696919	Drill Core															36.6	46.5	263.9	1175	1.2	138.5
2696920	Drill Core															35.1	51.4	227.8	4319	1.4	112.1
2696921	Drill Core															32.5	63.2	221.6	2076	1.7	113.5
2696922	Drill Core															33.6	55.9	177.8	2807	1.5	111.2
2696923	Rock Pulp															1.7	50.5	3.4	38	<0.5	4.9

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696894	Drill Core	7.4	64	2.13	43	13.1	4.3	71	7.3	16.5	<0.5	177	0.31	0.052	18.8	10.8	0.14	1719	0.006	1.40	<0.01
2696895	Drill Core	6.4	134	2.66	57	10.0	3.6	303	10.0	18.6	<0.5	161	1.36	0.045	16.5	13.9	0.38	906	0.004	1.40	<0.01
2696896	Drill Core	8.3	91	2.74	52	9.6	4.5	147	12.8	21.4	<0.5	139	0.75	0.052	18.5	9.8	0.17	913	0.005	1.47	<0.01
2696897	Drill Core	4.8	108	1.72	20	6.4	4.7	183	5.1	8.5	<0.5	91	0.93	0.041	17.3	9.1	0.18	2488	0.005	0.73	<0.01
2696898	Drill Core	6.4	107	2.20	26	7.6	5.8	290	5.0	10.6	<0.5	101	1.65	0.049	22.3	8.3	0.12	1750	0.005	0.71	<0.01
2696899	Drill Core	7.3	91	2.37	65	11.4	4.5	138	21.1	22.4	<0.5	159	0.68	0.050	18.6	8.7	0.08	802	0.006	0.54	<0.01
2696900	Drill Core	5.6	521	2.09	52	10.2	3.4	555	13.8	18.8	<0.5	150	7.56	0.051	12.6	7.4	0.26	956	0.005	0.42	<0.01
2696901	Drill Core	6.9	87	2.06	49	13.4	5.5	93	15.7	19.5	<0.5	141	0.55	0.051	17.3	6.6	0.06	920	0.006	0.53	<0.01
2696902	Drill Core	5.7	294	1.57	28	11.1	6.5	301	6.2	9.5	0.5	92	2.14	0.049	15.7	3.7	0.07	1554	0.005	0.57	<0.01
2696903	Rock Pulp	24.3	919	8.92	586	1.3	1.3	38	214.1	167.7	12.7	36	1.54	0.045	8.0	41.3	1.58	238	0.012	1.39	0.01
2696904	Drill Core	8.1	60	2.28	53	9.4	6.0	108	10.0	16.9	<0.5	109	0.62	0.053	21.1	6.3	0.05	1283	0.005	0.52	<0.01
2696905	Drill Core	6.6	62	2.05	45	9.7	4.9	74	7.6	12.6	<0.5	139	0.37	0.053	19.5	7.4	0.07	1337	0.007	0.60	<0.01
2696906	Drill Core	7.2	95	2.75	78	12.7	4.6	162	14.7	19.6	<0.5	134	0.77	0.047	17.8	6.5	0.06	1012	0.006	0.49	<0.01
2696907	Drill Core	6.8	58	3.08	87	14.6	4.8	55	10.1	18.6	<0.5	158	0.30	0.041	17.2	6.5	0.06	880	0.007	0.52	<0.01
2696908	Drill Core	6.4	103	3.31	86	12.1	4.7	146	7.0	20.4	<0.5	134	0.90	0.069	18.1	7.1	0.22	832	0.007	0.51	<0.01
2696909	Drill Core	7.2	45	2.89	74	14.2	4.8	37	5.5	16.5	<0.5	125	0.20	0.045	18.6	5.9	0.05	906	0.006	0.52	<0.01
2696910	Drill Core	7.0	65	2.70	69	15.0	4.9	124	7.6	19.3	<0.5	123	0.68	0.045	18.6	6.4	0.05	1090	0.006	0.50	<0.01
2696911	Drill Core	6.7	59	3.08	86	13.2	4.6	174	6.2	30.8	<0.5	124	0.76	0.040	17.9	5.4	0.05	826	0.006	0.60	<0.01
2696912	Drill Core	6.9	107	1.70	38	20.2	4.0	310	17.5	16.3	<0.5	165	1.73	0.045	16.1	6.1	0.06	2147	0.006	0.49	<0.01
2696913	Core DUP	6.8	94	1.71	40	23.2	4.4	267	17.9	16.5	<0.5	180	1.56	0.046	16.9	7.3	0.06	2168	0.006	0.54	<0.01
2696914	Drill Core	8.4	35	1.98	35	24.3	4.8	33	10.1	20.7	<0.5	221	0.42	0.040	18.1	6.5	0.05	1452	0.006	0.64	<0.01
2696915	Drill Core	4.3	193	0.92	18	15.3	2.1	697	7.0	31.5	<0.5	96	3.64	0.024	9.3	9.7	0.05	4110	0.004	0.27	<0.01
2696916	Drill Core	7.4	66	2.99	74	13.9	4.6	103	6.9	21.9	<0.5	117	0.69	0.045	17.2	5.8	0.05	843	0.005	0.53	<0.01
2696917	Drill Core	6.3	97	3.43	91	11.2	4.2	145	5.3	17.3	<0.5	135	0.91	0.064	15.1	7.1	0.15	782	0.007	0.51	<0.01
2696918	Drill Core	6.8	78	2.96	74	12.6	4.2	103	10.7	13.5	<0.5	153	0.69	0.044	15.5	7.5	0.07	1034	0.007	0.55	<0.01
2696919	Drill Core	6.2	106	3.45	98	10.3	3.2	187	5.5	15.1	<0.5	133	1.19	0.044	12.0	6.9	0.06	639	0.006	0.50	0.02
2696920	Drill Core	7.7	47	2.14	71	11.1	3.7	50	28.9	29.4	<0.5	134	0.38	0.037	15.2	7.0	0.05	1317	0.004	0.52	<0.01
2696921	Drill Core	6.4	42	2.25	87	9.7	3.4	45	14.4	34.7	<0.5	136	0.28	0.039	15.2	7.3	0.05	1084	0.004	0.49	<0.01
2696922	Drill Core	6.5	49	2.28	73	11.0	3.6	50	19.1	32.4	<0.5	148	0.42	0.041	14.1	7.5	0.05	1155	0.006	0.50	<0.01
2696923	Rock Pulp	8.3	404	2.59	<5	0.7	2.5	76	<0.5	<0.5	<0.5	95	0.91	0.058	6.6	9.5	0.69	116	0.142	1.57	0.17

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2696894	Drill Core	0.17	0.6	0.16	5.8	6.2	1.78	<5	10	33673	2.60
2696895	Drill Core	0.14	0.7	0.23	5.1	9.4	2.25	<5	11	50797	2.64
2696896	Drill Core	0.17	0.6	0.23	4.9	9.1	2.42	<5	11	36956	2.61
2696897	Drill Core	0.18	<0.5	0.11	2.8	2.9	1.60	<5	5	18288	2.60
2696898	Drill Core	0.21	0.5	0.08	3.0	3.8	2.27	<5	6	16829	2.55
2696899	Drill Core	0.23	1.0	0.27	2.2	8.3	2.65	<5	19	10226	2.53
2696900	Drill Core	0.17	2.5	0.22	1.9	6.0	2.22	<5	12	11563	2.56
2696901	Drill Core	0.22	1.4	0.22	1.6	6.6	2.38	<5	15	6593	2.51
2696902	Drill Core	0.22	1.4	0.09	1.8	3.9	1.67	<5	6	6888	2.55
2696903	Rock Pulp	0.12	0.9	8.84	3.3	9.5	7.92	6	38	718	2.90
2696904	Drill Core	0.21	0.9	0.18	2.2	7.3	2.65	<5	12	7819	2.55
2696905	Drill Core	0.23	0.7	0.15	1.8	7.4	2.28	<5	9	6370	2.53
2696906	Drill Core	0.20	0.8	0.27	2.2	11.1	3.18	<5	13	4951	2.50
2696907	Drill Core	0.20	0.8	0.21	2.1	13.8	3.54	<5	13	4890	2.55
2696908	Drill Core	0.20	0.7	0.20	1.9	13.9	3.78	<5	12	4424	2.55
2696909	Drill Core	0.20	0.8	0.21	1.8	10.4	3.26	<5	9	5929	2.50
2696910	Drill Core	0.19	0.8	0.27	1.9	11.0	3.08	<5	9	6916	2.53
2696911	Drill Core	0.18	0.7	0.30	1.9	13.5	3.41	<5	12	8908	2.54
2696912	Drill Core	0.15	0.6	0.34	1.6	3.7	1.88	<5	12	8647	2.49
2696913	Core DUP	0.17	0.7	0.32	2.0	3.2	1.91	<5	12	9365	2.50
2696914	Drill Core	0.19	0.8	0.19	1.8	3.6	2.22	<5	15	10254	2.43
2696915	Drill Core	0.07	<0.5	0.09	1.2	1.6	0.86	<5	6	11454	2.52
2696916	Drill Core	0.18	0.7	0.24	1.3	9.5	3.41	<5	11	8527	2.24
2696917	Drill Core	0.21	0.7	0.27	1.7	12.2	4.00	<5	13	5281	2.54
2696918	Drill Core	0.21	0.6	0.38	1.9	10.4	3.47	<5	12	5901	2.52
2696919	Drill Core	0.20	0.6	0.25	1.4	11.4	3.97	<5	15	7736	2.37
2696920	Drill Core	0.21	<0.5	0.42	1.7	7.7	2.68	<5	23	7845	2.51
2696921	Drill Core	0.20	0.5	0.29	1.2	8.1	2.64	<5	27	6199	2.50
2696922	Drill Core	0.21	0.5	0.35	1.5	7.5	2.64	<5	24	7272	2.49
2696923	Rock Pulp	0.19	2.5	<0.05	2.9	<0.5	<0.05	<5	<2	579	I.S.

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696924	Drill Core	3.83																			
2696925	Drill Core	4.01																			
2696926	Drill Core	2.78																			
2696927	Drill Core	3.49																			
2696928	Drill Core	3.40																			
2696929	Drill Core	3.96																			
2696930	Drill Core	3.46																			
2696931	Drill Core	3.85																			
2696932	Drill Core	5.19																			
2696933	Rock Pulp	0.08																			
2696934	Drill Core	4.56																			
2696935	Drill Core	2.91																			
2696936	Drill Core	3.52																			
2696937	Drill Core	3.86																			
2696938	Drill Core	4.26																			
2696939	Drill Core	3.59																			
2696940	Drill Core	4.17																			
2696941	Drill Core	3.78																			
2696942	Drill Core	2.86																			
2696943	Pulp DUP																				
2696944	Drill Core	3.57																			
2696945	Drill Core	3.53																			
2696946	Drill Core	3.37																			
2696947	Drill Core	3.73																			
2696948	Drill Core	4.14																			
2696949	Drill Core	4.25																			
2696950	Drill Core	4.38																			
2696951	Drill Core	4.58																			
2696952	Drill Core	4.08																			
2696953	Rock Pulp	0.02																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696924	Drill Core																					
2696925	Drill Core																					
2696926	Drill Core																					
2696927	Drill Core																					
2696928	Drill Core																					
2696929	Drill Core																					
2696930	Drill Core																					
2696931	Drill Core																					
2696932	Drill Core																					
2696933	Rock Pulp																					
2696934	Drill Core																					
2696935	Drill Core																					
2696936	Drill Core																					
2696937	Drill Core																					
2696938	Drill Core																					
2696939	Drill Core																					
2696940	Drill Core																					
2696941	Drill Core																					
2696942	Drill Core																					
2696943	Pulp DUP																					
2696944	Drill Core																					
2696945	Drill Core																					
2696946	Drill Core																					
2696947	Drill Core																					
2696948	Drill Core																					
2696949	Drill Core																					
2696950	Drill Core																					
2696951	Drill Core																					
2696952	Drill Core																					
2696953	Rock Pulp																					

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696924	Drill Core															46.6	44.5	70.1	1967	0.7	103.9
2696925	Drill Core															45.0	51.5	197.8	606	1.2	141.8
2696926	Drill Core															44.9	42.9	162.1	1710	0.7	122.2
2696927	Drill Core															37.3	37.6	155.2	1572	0.7	118.3
2696928	Drill Core															41.8	54.5	220.9	769	1.1	140.1
2696929	Drill Core															45.8	48.3	189.6	705	1.0	126.2
2696930	Drill Core															28.9	34.1	89.4	1269	<0.5	92.9
2696931	Drill Core															35.7	46.1	110.8	2329	0.8	106.9
2696932	Drill Core															29.8	46.1	93.7	2555	0.8	99.7
2696933	Rock Pulp															21.1	3727.6	16236.4	29978	102.7	35.2
2696934	Drill Core															35.3	45.7	113.2	1582	0.9	99.1
2696935	Drill Core															38.9	45.5	112.8	1876	0.7	101.8
2696936	Drill Core															41.4	39.0	131.4	1129	0.7	104.3
2696937	Drill Core															44.9	43.8	204.3	1137	0.8	126.4
2696938	Drill Core															41.8	48.6	283.2	2008	1.0	143.9
2696939	Drill Core															35.3	39.7	202.9	1485	0.8	113.5
2696940	Drill Core															51.5	37.2	163.9	1746	0.7	119.3
2696941	Drill Core															30.5	38.5	141.0	1302	0.7	106.6
2696942	Drill Core															41.3	40.1	153.4	62	0.7	133.9
2696943	Pulp DUP															43.9	42.9	158.1	64	0.8	132.6
2696944	Drill Core															44.9	48.0	207.4	462	1.1	132.8
2696945	Drill Core															47.7	46.1	231.2	1484	0.9	131.9
2696946	Drill Core															37.0	36.2	169.6	834	0.8	103.8
2696947	Drill Core															56.6	59.2	81.6	2411	1.1	120.8
2696948	Drill Core															66.2	63.4	68.5	2264	1.2	125.2
2696949	Drill Core															10.6	7.0	8.1	193	<0.5	16.7
2696950	Drill Core															18.1	21.9	49.0	492	<0.5	41.3
2696951	Drill Core															44.7	45.6	179.5	991	1.0	122.8
2696952	Drill Core															42.2	47.5	172.9	1250	1.1	117.4
2696953	Rock Pulp															1.9	51.8	3.4	34	<0.5	4.6

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696924	Drill Core	7.2	79	1.64	37	15.2	3.4	107	13.0	21.1	<0.5	141	1.05	0.047	13.5	7.0	0.05	1373	0.005	0.49	<0.01
2696925	Drill Core	7.2	78	3.73	83	12.5	3.8	96	3.2	24.3	<0.5	126	0.74	0.054	14.0	8.0	0.05	613	0.010	0.55	<0.01
2696926	Drill Core	8.3	47	2.87	63	13.5	4.1	25	7.9	11.9	<0.5	104	0.23	0.048	16.2	7.4	0.04	868	0.018	0.53	<0.01
2696927	Drill Core	7.3	163	2.87	62	10.8	4.8	148	8.8	10.5	<0.5	155	1.25	0.076	16.8	9.5	0.17	986	0.012	0.72	<0.01
2696928	Drill Core	7.1	66	3.64	83	11.4	4.0	52	5.3	16.2	<0.5	119	0.48	0.051	14.8	7.7	0.06	493	0.005	0.70	<0.01
2696929	Drill Core	7.7	57	3.14	68	11.8	4.2	39	5.1	18.9	<0.5	151	0.31	0.052	14.5	8.6	0.06	786	0.007	0.64	<0.01
2696930	Drill Core	8.0	49	1.72	27	8.9	6.0	47	8.8	10.7	<0.5	103	0.40	0.066	19.5	6.6	0.06	1517	0.032	0.54	<0.01
2696931	Drill Core	7.6	64	2.00	37	9.5	4.8	40	16.0	17.4	<0.5	145	0.40	0.060	17.2	8.1	0.06	1339	0.013	0.60	<0.01
2696932	Drill Core	7.5	118	1.87	34	8.8	5.6	153	18.7	17.8	<0.5	110	1.12	0.059	17.6	7.7	0.06	1042	0.007	0.53	<0.01
2696933	Rock Pulp	24.5	997	9.07	536	1.2	1.1	39	190.6	149.6	11.9	34	1.60	0.044	7.0	43.3	1.58	224	0.011	1.33	0.01
2696934	Drill Core	7.3	132	2.17	40	8.8	4.5	216	12.3	17.2	<0.5	130	1.76	0.051	18.4	7.6	0.06	1259	0.005	0.54	<0.01
2696935	Drill Core	8.2	98	2.28	39	8.3	4.3	109	13.7	16.6	<0.5	133	1.02	0.054	17.0	8.6	0.06	1181	0.004	0.58	<0.01
2696936	Drill Core	7.9	65	2.59	43	11.2	4.5	52	7.7	13.7	<0.5	119	0.45	0.050	16.2	7.6	0.05	1141	0.006	0.51	<0.01
2696937	Drill Core	7.2	149	3.39	74	12.0	4.2	132	6.9	12.5	<0.5	142	1.19	0.052	16.3	11.9	0.11	769	0.007	0.66	<0.01
2696938	Drill Core	7.1	154	4.12	93	10.9	4.6	123	10.7	13.6	<0.5	122	1.18	0.061	15.1	11.0	0.14	713	0.006	0.53	<0.01
2696939	Drill Core	6.2	182	3.22	63	10.4	3.7	142	7.8	12.3	<0.5	127	1.83	0.066	13.2	9.9	0.13	797	0.006	0.62	<0.01
2696940	Drill Core	7.7	155	2.89	55	13.8	4.3	158	11.2	12.1	<0.5	123	1.42	0.045	15.1	7.6	0.05	895	0.019	0.67	<0.01
2696941	Drill Core	6.8	817	2.66	53	9.7	3.9	437	8.8	13.1	<0.5	123	5.94	0.084	15.8	8.9	0.07	1013	0.006	0.58	<0.01
2696942	Drill Core	7.8	52	2.98	56	12.3	5.2	44	0.5	17.2	<0.5	123	0.41	0.054	20.4	7.3	0.06	1138	0.005	0.48	<0.01
2696943	Pulp DUP	7.9	51	3.01	61	13.5	5.6	51	0.7	17.1	<0.5	123	0.43	0.058	21.0	7.6	0.06	1153	0.005	0.50	<0.01
2696944	Drill Core	7.3	347	3.87	82	10.6	3.8	236	2.9	18.2	<0.5	130	3.38	0.049	14.1	8.5	0.06	728	0.003	0.46	<0.01
2696945	Drill Core	7.2	59	3.77	81	12.2	4.1	34	6.8	12.1	<0.5	116	0.33	0.052	16.5	8.3	0.06	732	0.003	0.48	<0.01
2696946	Drill Core	6.5	356	2.85	58	10.2	3.3	1027	3.7	15.3	<0.5	118	8.80	0.047	12.3	8.2	0.07	887	0.004	0.45	<0.01
2696947	Drill Core	9.5	193	1.99	41	18.7	4.6	361	19.6	30.3	<0.5	177	2.90	0.056	17.0	6.9	0.06	991	0.004	0.47	<0.01
2696948	Drill Core	9.5	89	2.11	45	20.9	4.7	98	22.3	35.4	<0.5	221	0.82	0.053	19.7	9.5	0.06	1773	0.007	0.64	<0.01
2696949	Drill Core	1.5	1350	0.56	<5	3.0	0.6	1631	1.7	4.3	<0.5	76	19.13	0.024	4.5	2.5	0.16	755	0.001	0.15	<0.01
2696950	Drill Core	2.3	227	1.91	17	4.7	1.2	246	3.5	9.1	<0.5	73	1.77	0.017	6.9	5.2	0.03	1048	0.003	0.21	<0.01
2696951	Drill Core	7.5	59	3.21	65	12.6	4.2	52	6.5	22.4	<0.5	98	0.42	0.046	16.9	7.5	0.05	885	0.005	0.47	<0.01
2696952	Drill Core	6.8	54	2.77	61	12.5	4.4	35	8.5	23.3	<0.5	125	0.31	0.051	19.3	9.5	0.06	740	0.005	0.52	<0.01
2696953	Rock Pulp	8.3	420	2.79	<5	0.7	2.5	79	<0.5	<0.5	<0.5	92	0.93	0.055	7.2	9.9	0.70	115	0.139	1.54	0.18

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2696924	Drill Core	0.16	0.6	0.35	1.4	2.7	1.88	<5	15	11363	2.45
2696925	Drill Core	0.21	<0.5	0.32	1.4	9.9	4.22	<5	14	9202	2.51
2696926	Drill Core	0.19	0.8	0.33	1.6	7.4	3.37	<5	9	9752	2.45
2696927	Drill Core	0.28	0.7	0.28	2.1	7.2	3.26	<5	10	7090	2.50
2696928	Drill Core	0.21	0.8	0.32	1.6	9.5	4.08	<5	14	11303	2.47
2696929	Drill Core	0.22	0.9	0.30	1.4	8.0	3.59	<5	15	9043	2.43
2696930	Drill Core	0.22	0.6	0.25	1.7	3.3	2.03	<5	10	9259	2.44
2696931	Drill Core	0.25	0.8	0.39	1.6	4.2	2.46	<5	13	7827	2.42
2696932	Drill Core	0.23	0.9	0.38	1.6	3.5	2.27	<5	11	7819	2.48
2696933	Rock Pulp	0.12	0.6	7.68	3.6	7.9	7.98	6	37	691	2.87
2696934	Drill Core	0.22	0.9	0.23	2.4	4.5	2.41	<5	12	6704	2.49
2696935	Drill Core	0.23	1.0	0.22	1.9	4.0	2.49	<5	12	7014	2.45
2696936	Drill Core	0.18	0.5	0.20	2.4	5.3	2.84	<5	8	7417	2.44
2696937	Drill Core	0.24	1.0	0.22	2.2	8.1	3.66	<5	9	8412	2.48
2696938	Drill Core	0.22	0.9	0.31	2.4	9.9	4.55	<5	13	5126	2.50
2696939	Drill Core	0.21	0.6	0.26	2.3	7.6	3.49	<5	11	7299	2.49
2696940	Drill Core	0.17	0.9	0.23	1.9	6.0	3.03	<5	9	11883	2.45
2696941	Drill Core	0.21	0.6	0.21	2.3	5.9	2.93	<5	13	7832	2.51
2696942	Drill Core	0.21	0.7	0.12	2.0	7.0	3.19	<5	13	6185	2.53
2696943	Pulp DUP	0.22	<0.5	0.14	2.9	7.1	3.21	<5	14	5875	2.54
2696944	Drill Core	0.18	0.6	0.20	2.0	7.8	4.31	<5	15	5084	2.56
2696945	Drill Core	0.18	0.8	0.32	1.8	9.1	4.09	<5	10	4516	2.50
2696946	Drill Core	0.17	<0.5	0.11	2.2	6.7	3.17	<5	7	4031	2.52
2696947	Drill Core	0.18	0.5	0.35	2.0	2.8	2.21	<5	19	6925	2.47
2696948	Drill Core	0.23	0.6	0.33	2.2	2.9	2.30	<5	18	7295	2.42
2696949	Drill Core	0.04	<0.5	<0.05	1.1	0.6	0.53	<5	<2	2267	2.58
2696950	Drill Core	0.08	<0.5	<0.05	1.4	1.4	1.66	<5	7	5942	2.57
2696951	Drill Core	0.17	0.6	0.16	1.1	5.5	3.37	<5	10	6026	2.52
2696952	Drill Core	0.19	0.5	0.15	2.4	4.7	2.92	<5	12	4709	2.52
2696953	Rock Pulp	0.20	2.9	<0.05	2.8	<0.5	<0.05	<5	<2	548	I.S.

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696954	Drill Core	4.01																			
2696955	Drill Core	3.75																			
2696956	Drill Core	3.41																			
2696957	Drill Core	3.82																			
2696958	Drill Core	4.32																			
2696959	Drill Core	3.01																			
2696960	Drill Core	4.22																			
2696961	Drill Core	3.51																			
2696962	Drill Core	3.54																			
2696963	Rock Pulp	0.15																			
2696964	Drill Core	4.18																			
2696965	Drill Core	3.89																			
2696966	Drill Core	3.89																			
2696967	Drill Core	4.24																			
2696968	Drill Core	3.66																			
2696969	Drill Core	3.93																			
2696970	Drill Core	4.36																			
2696971	Drill Core	4.28																			
2696972	Drill Core	4.19																			
2696973	Core DUP																				
2696974	Drill Core	3.42																			
2696975	Drill Core	2.93																			
2696976	Drill Core	3.79																			
2696977	Drill Core	2.34																			
2696978	Drill Core	3.90																			
2696979	Drill Core	2.73																			
2696980	Drill Core	3.56																			
2696981	Drill Core	4.33																			
2696982	Drill Core	4.25																			
2696983	Rock Pulp	0.02																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696954	Drill Core																				
2696955	Drill Core																				
2696956	Drill Core																				
2696957	Drill Core																				
2696958	Drill Core																				
2696959	Drill Core																				
2696960	Drill Core																				
2696961	Drill Core																				
2696962	Drill Core																				
2696963	Rock Pulp																				
2696964	Drill Core																				
2696965	Drill Core																				
2696966	Drill Core																				
2696967	Drill Core																				
2696968	Drill Core																				
2696969	Drill Core																				
2696970	Drill Core																				
2696971	Drill Core																				
2696972	Drill Core																				
2696973	Core DUP																				
2696974	Drill Core																				
2696975	Drill Core																				
2696976	Drill Core																				
2696977	Drill Core																				
2696978	Drill Core																				
2696979	Drill Core																				
2696980	Drill Core																				
2696981	Drill Core																				
2696982	Drill Core																				
2696983	Rock Pulp																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696954	Drill Core															39.5	56.0	221.8	2768	1.5	112.1
2696955	Drill Core															44.8	49.0	225.0	2248	1.2	109.1
2696956	Drill Core															44.5	45.5	222.5	1749	1.0	114.7
2696957	Drill Core															38.2	42.5	218.2	1316	1.0	124.8
2696958	Drill Core															35.0	47.0	209.6	1299	0.9	129.2
2696959	Drill Core															33.3	41.2	194.9	1308	0.7	118.3
2696960	Drill Core															33.9	41.0	258.7	1709	0.9	126.9
2696961	Drill Core															32.4	41.1	226.2	1100	0.9	110.7
2696962	Drill Core															30.5	41.9	231.7	1067	1.0	109.3
2696963	Rock Pulp															22.1	3766.0	15105.4	30527	104.4	35.9
2696964	Drill Core															34.8	52.5	260.1	1417	1.3	122.2
2696965	Drill Core															29.5	54.6	290.7	1882	1.4	113.7
2696966	Drill Core															36.0	35.2	206.8	1714	0.6	94.3
2696967	Drill Core															34.8	48.0	303.9	1498	0.9	120.4
2696968	Drill Core															35.9	36.5	236.3	1821	0.6	111.9
2696969	Drill Core															35.3	47.8	305.3	1181	0.9	136.9
2696970	Drill Core															36.4	40.6	252.2	1615	0.7	119.8
2696971	Drill Core															30.3	46.4	194.0	863	0.5	108.4
2696972	Drill Core															38.0	49.7	228.3	1201	0.7	126.9
2696973	Core DUP															38.0	42.9	220.5	1144	0.6	123.4
2696974	Drill Core															43.3	41.7	243.6	1019	0.8	128.5
2696975	Drill Core															40.1	46.6	224.8	406	0.9	126.9
2696976	Drill Core															33.6	46.0	151.3	2174	0.7	109.1
2696977	Drill Core															25.7	64.0	43.2	14	0.7	65.6
2696978	Drill Core															16.6	44.4	20.8	161	<0.5	58.7
2696979	Drill Core															19.8	39.4	19.7	161	<0.5	60.8
2696980	Drill Core															26.1	26.4	11.4	477	<0.5	78.8
2696981	Drill Core															19.7	43.6	16.9	230	<0.5	58.5
2696982	Drill Core															13.2	37.9	20.1	170	<0.5	54.1
2696983	Rock Pulp															1.8	51.4	3.2	40	<0.5	5.5

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696954	Drill Core	7.2	51	2.59	64	11.1	4.0	27	19.0	30.0	<0.5	127	0.29	0.055	18.4	7.8	0.04	793	0.004	0.45	<0.01
2696955	Drill Core	7.4	79	2.57	63	12.0	4.5	82	14.2	25.9	<0.5	136	0.71	0.056	18.2	8.2	0.04	914	0.004	0.48	<0.01
2696956	Drill Core	7.2	110	2.73	67	11.4	4.2	150	10.4	22.5	<0.5	117	1.28	0.046	16.3	7.7	0.04	997	0.003	0.46	<0.01
2696957	Drill Core	7.7	43	2.99	72	12.1	4.6	30	7.8	20.3	<0.5	115	0.29	0.052	12.4	7.1	0.05	1287	0.014	0.53	<0.01
2696958	Drill Core	7.7	40	2.92	65	10.5	4.3	26	6.8	16.5	<0.5	103	0.33	0.052	17.8	6.6	0.04	1113	0.010	0.69	<0.01
2696959	Drill Core	9.9	51	2.78	62	10.7	5.7	47	7.1	12.3	<0.5	86	0.46	0.058	19.2	6.8	0.05	1145	0.015	0.57	<0.01
2696960	Drill Core	7.9	42	3.13	78	11.3	4.5	44	8.4	13.4	<0.5	94	0.40	0.047	14.9	5.6	0.04	1013	0.013	0.48	<0.01
2696961	Drill Core	7.2	36	2.76	70	9.4	4.2	32	6.1	15.2	<0.5	95	0.28	0.044	16.6	5.8	0.03	751	0.003	0.44	<0.01
2696962	Drill Core	7.7	1327	2.61	75	9.6	3.7	362	7.1	22.6	<0.5	98	6.66	0.048	17.7	6.3	0.06	601	0.004	0.42	<0.01
2696963	Rock Pulp	23.6	987	9.25	542	1.1	1.1	34	185.6	154.6	11.7	34	1.62	0.040	6.8	43.0	1.62	218	0.011	1.36	0.01
2696964	Drill Core	7.2	44	2.67	79	11.7	4.8	53	9.1	30.9	<0.5	98	0.43	0.049	18.7	5.0	0.04	751	0.004	0.43	<0.01
2696965	Drill Core	7.9	80	2.79	80	8.1	3.9	98	12.9	26.8	<0.5	90	0.90	0.047	17.9	7.2	0.05	581	0.003	0.42	<0.01
2696966	Drill Core	8.1	66	2.16	55	10.3	4.0	114	8.9	11.8	<0.5	91	1.08	0.056	25.0	6.2	0.04	946	0.003	0.45	<0.01
2696967	Drill Core	7.2	52	3.64	78	8.8	4.4	30	7.5	14.2	<0.5	89	0.26	0.051	19.6	7.0	0.04	846	0.003	0.48	<0.01
2696968	Drill Core	8.0	206	2.69	67	9.7	4.1	165	9.2	11.5	<0.5	89	2.34	0.057	18.2	6.6	0.04	799	0.004	0.45	<0.01
2696969	Drill Core	7.9	110	3.97	86	10.2	4.7	161	5.5	13.0	<0.5	94	2.01	0.055	20.6	7.8	0.04	645	0.004	0.48	<0.01
2696970	Drill Core	8.0	60	3.46	71	10.9	4.5	34	7.0	10.5	<0.5	98	0.24	0.053	20.9	7.1	0.04	673	0.004	0.47	<0.01
2696971	Drill Core	10.7	66	2.77	46	7.8	5.6	30	4.1	7.8	<0.5	71	0.41	0.055	23.1	8.0	0.04	1072	0.007	0.54	<0.01
2696972	Drill Core	11.2	88	3.23	63	11.0	5.5	74	5.5	9.1	<0.5	82	0.86	0.055	23.1	8.0	0.04	993	0.010	0.51	<0.01
2696973	Core DUP	10.4	83	3.24	62	10.6	5.7	72	5.1	9.2	<0.5	82	0.88	0.053	23.1	7.4	0.05	1067	0.010	0.52	<0.01
2696974	Drill Core	7.3	108	3.89	72	11.4	4.7	70	4.6	11.7	<0.5	115	0.56	0.050	20.2	8.1	0.04	926	0.004	0.50	<0.01
2696975	Drill Core	8.2	87	3.75	72	10.3	5.0	45	1.8	14.2	<0.5	106	0.60	0.054	21.8	8.4	0.05	932	0.005	0.49	<0.01
2696976	Drill Core	7.9	51	2.41	49	8.9	5.6	34	11.2	13.6	<0.5	95	0.37	0.064	23.4	8.5	0.04	1617	0.004	0.58	<0.01
2696977	Drill Core	10.7	188	4.91	31	7.4	4.5	143	<0.5	6.7	<0.5	31	0.83	0.042	17.2	5.9	0.04	432	0.004	0.87	<0.01
2696978	Drill Core	10.1	231	4.21	25	5.4	5.5	242	0.9	4.3	<0.5	27	1.14	0.054	21.4	6.0	0.08	524	0.005	0.84	<0.01
2696979	Drill Core	10.7	134	3.33	23	5.9	4.4	203	0.9	4.3	<0.5	33	1.85	0.027	20.5	7.1	0.30	608	0.003	0.54	<0.01
2696980	Drill Core	9.5	83	1.85	19	6.6	4.6	162	2.8	2.8	<0.5	41	0.89	0.052	20.5	5.7	0.07	2091	0.004	1.38	<0.01
2696981	Drill Core	10.1	227	4.02	22	5.7	4.8	261	1.3	3.6	<0.5	30	1.69	0.052	20.5	6.3	0.13	418	0.004	0.80	<0.01
2696982	Drill Core	9.3	292	3.72	22	3.9	5.2	357	1.1	3.5	<0.5	27	1.97	0.050	22.1	6.0	0.12	635	0.004	0.82	<0.01
2696983	Rock Pulp	8.2	434	2.79	<5	0.9	2.9	82	<0.5	<0.5	<0.5	93	0.96	0.053	7.6	10.5	0.71	119	0.141	1.57	0.18

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2696954	Drill Core	0.18	0.6	0.29	1.4	6.0	2.85	<5	23	5435	2.48
2696955	Drill Core	0.19	<0.5	0.20	1.9	5.8	2.75	<5	17	6224	2.49
2696956	Drill Core	0.17	<0.5	0.30	1.9	5.7	2.91	<5	17	5906	2.54
2696957	Drill Core	0.19	<0.5	0.17	1.9	5.4	3.18	<5	12	6429	2.52
2696958	Drill Core	0.21	<0.5	0.18	2.2	5.0	3.04	<5	12	10533	2.54
2696959	Drill Core	0.23	<0.5	0.11	2.8	4.5	2.98	<5	4	7213	2.56
2696960	Drill Core	0.20	<0.5	0.16	1.5	6.8	3.44	<5	9	6021	2.53
2696961	Drill Core	0.19	<0.5	0.16	1.6	6.0	2.97	<5	10	4868	2.57
2696962	Drill Core	0.18	<0.5	0.23	1.7	5.8	2.89	<5	10	4167	2.53
2696963	Rock Pulp	0.11	0.7	7.48	3.3	8.1	7.92	6	37	683	2.88
2696964	Drill Core	0.18	<0.5	0.29	1.9	6.8	2.92	<5	18	5198	2.55
2696965	Drill Core	0.17	<0.5	0.29	1.5	7.1	2.92	<5	18	4466	2.54
2696966	Drill Core	0.22	<0.5	0.21	1.6	4.7	2.37	<5	7	4790	2.53
2696967	Drill Core	0.22	<0.5	0.28	1.6	8.4	3.96	<5	9	4954	2.56
2696968	Drill Core	0.24	0.5	0.32	1.5	7.3	3.03	<5	10	4224	2.51
2696969	Drill Core	0.24	<0.5	0.21	1.6	9.6	4.40	<5	10	4174	2.56
2696970	Drill Core	0.24	<0.5	0.24	2.1	7.3	3.77	<5	8	4681	2.52
2696971	Drill Core	0.28	<0.5	0.23	2.2	4.8	3.04	<5	7	6359	2.55
2696972	Drill Core	0.27	<0.5	0.21	1.5	5.6	3.55	<5	9	6324	2.54
2696973	Core DUP	0.26	<0.5	0.11	1.8	5.3	3.55	<5	9	6325	2.53
2696974	Drill Core	0.24	<0.5	0.39	1.8	6.6	4.26	<5	9	5557	2.51
2696975	Drill Core	0.26	<0.5	0.29	1.8	6.4	4.01	<5	11	5728	2.52
2696976	Drill Core	0.24	<0.5	0.22	2.1	4.2	2.67	<5	11	8693	2.52
2696977	Drill Core	0.20	<0.5	0.31	2.2	3.1	4.94	<5	3	20159	2.53
2696978	Drill Core	0.22	<0.5	0.23	2.8	3.4	4.31	<5	2	19164	2.56
2696979	Drill Core	0.21	<0.5	0.26	2.4	2.2	3.25	<5	3	35613	2.56
2696980	Drill Core	0.18	<0.5	0.11	2.5	1.6	1.46	<5	3	31111	2.51
2696981	Drill Core	0.23	<0.5	0.17	2.8	3.4	4.19	<5	3	21573	2.53
2696982	Drill Core	0.23	<0.5	0.13	3.0	2.6	3.76	<5	<2	21349	2.52
2696983	Rock Pulp	0.20	3.0	<0.05	2.5	<0.5	<0.05	<5	<2	636	I.S.

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696984	Drill Core	4.43																			
2696985	Drill Core	3.80																			
2696986	Drill Core	2.42																			
2696987	Drill Core	1.93																			
2696988	Drill Core	2.29																			
2696989	Drill Core	2.58																			
2696990	Drill Core	2.55																			
2696991	Drill Core	2.84																			
2696992	Drill Core	2.15																			
2696993	Rock Pulp	0.08																			
2696994	Drill Core	2.41																			

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696984	Drill Core																				
2696985	Drill Core																				
2696986	Drill Core																				
2696987	Drill Core																				
2696988	Drill Core																				
2696989	Drill Core																				
2696990	Drill Core																				
2696991	Drill Core																				
2696992	Drill Core																				
2696993	Rock Pulp																				
2696994	Drill Core																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696984	Drill Core															21.2	43.1	22.8	51	<0.5	52.0
2696985	Drill Core															16.8	26.1	11.9	91	<0.5	54.0
2696986	Drill Core															48.9	78.1	17.2	394	1.2	84.7
2696987	Drill Core															39.5	97.7	30.6	117	1.1	81.8
2696988	Drill Core															55.3	51.8	16.0	170	<0.5	71.4
2696989	Drill Core															42.3	53.3	17.1	184	<0.5	63.0
2696990	Drill Core															34.5	70.1	25.5	100	<0.5	78.0
2696991	Drill Core															19.9	54.9	24.8	84	<0.5	64.2
2696992	Drill Core															35.0	98.3	46.0	16	0.5	101.0
2696993	Rock Pulp															23.1	3872.1	16827.0	31229	105.5	34.7
2696994	Drill Core															16.6	25.3	8.4	91	<0.5	44.0

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696984	Drill Core	10.2	196	3.60	23	6.5	5.1	281	<0.5	4.4	<0.5	29	1.59	0.036	20.4	6.8	0.10	594	0.004	0.80	<0.01
2696985	Drill Core	9.0	509	2.17	16	4.6	4.3	1025	0.7	2.4	<0.5	40	7.73	0.020	18.3	6.7	0.13	1211	0.002	0.55	<0.01
2696986	Drill Core	9.4	85	1.85	18	14.6	4.5	50	4.7	9.8	<0.5	102	1.11	0.114	19.2	9.5	0.07	310	0.005	0.50	<0.01
2696987	Drill Core	15.4	84	4.61	20	20.3	5.2	71	0.9	8.8	<0.5	28	1.01	0.063	24.5	6.4	0.09	378	0.004	0.48	<0.01
2696988	Drill Core	12.3	138	2.20	13	10.7	4.7	121	1.3	3.4	<0.5	13	2.23	0.025	19.9	5.7	0.10	466	0.003	0.47	<0.01
2696989	Drill Core	12.6	232	2.34	13	7.1	4.5	227	1.6	1.7	<0.5	13	6.97	0.033	17.5	6.5	0.17	572	0.004	0.49	<0.01
2696990	Drill Core	16.1	238	2.81	19	6.9	5.4	248	0.7	2.1	<0.5	10	7.13	0.043	19.3	7.1	0.26	597	0.004	0.50	<0.01
2696991	Drill Core	16.2	270	3.09	20	5.4	5.4	282	0.7	2.9	<0.5	<10	8.66	0.046	19.8	6.5	0.31	255	0.003	0.51	<0.01
2696992	Drill Core	21.7	152	3.29	23	5.5	7.6	172	<0.5	4.0	<0.5	<10	5.03	0.049	22.4	5.9	0.14	279	0.003	0.59	<0.01
2696993	Rock Pulp	25.5	1010	9.47	558	1.2	1.1	39	203.0	169.3	13.6	36	1.66	0.042	8.0	46.4	1.65	251	0.012	1.41	0.01
2696994	Drill Core	2.9	325	0.83	8	7.9	4.4	224	0.7	1.6	<0.5	39	11.76	0.075	13.7	6.7	4.45	231	0.004	0.32	<0.01

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

CERTIFICATE OF ANALYSIS VAN18002382.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
Analyte		K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
Unit		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
2696984	Drill Core	0.23	<0.5	0.24	2.5	2.5	3.62	<5	2	19169	2.45
2696985	Drill Core	0.23	<0.5	0.15	2.7	1.2	2.00	<5	<2	22654	2.52
2696986	Drill Core	0.32	<0.5	0.11	1.9	0.6	1.89	<5	11	1523	2.48
2696987	Drill Core	0.34	<0.5	0.21	2.7	0.9	4.92	<5	11	1666	2.49
2696988	Drill Core	0.33	<0.5	0.14	2.5	0.8	2.34	<5	2	1642	2.43
2696989	Drill Core	0.33	<0.5	0.14	3.1	0.9	2.53	<5	4	1462	2.45
2696990	Drill Core	0.36	<0.5	0.16	4.1	1.5	3.07	<5	3	1793	2.49
2696991	Drill Core	0.35	<0.5	0.27	4.3	1.4	3.39	<5	3	1371	2.53
2696992	Drill Core	0.44	<0.5	0.27	4.1	1.4	3.64	<5	5	1972	2.52
2696993	Rock Pulp	0.13	1.0	7.79	3.8	9.2	8.23	7	39	683	2.86
2696994	Drill Core	0.21	<0.5	<0.05	2.9	<0.5	0.46	<5	<2	804	2.58

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																					
2696809	Drill Core	1.18	0.62	0.55	0.45	9.5	3	4.8	<0.1	113	0.04	<0.1	3.7	0.2	<0.1	357.3	0.05	0.03	<0.02	10	34.77
REP 2696809	QC																				
REP 2696830	QC		36.03	55.26	94.02	12.8	878	96.6	8.3	95	1.79	32.9	12.3	0.4	4.4	57.5	0.12	17.59	0.21	144	1.40
2696843	Rock Pulp	0.08																			
REP 2696843	QC																				
2696847	Drill Core	3.24																			
REP 2696847	QC																				
2696877	Drill Core	4.50																			
REP 2696877	QC																				
2696881	Drill Core	4.01																			
REP 2696881	QC																				
2696913	Core DUP																				
REP 2696913	QC																				
2696916	Drill Core	3.65																			
REP 2696916	QC																				
2696948	Drill Core	4.14																			
REP 2696948	QC																				
2696952	Drill Core	4.08																			
REP 2696952	QC																				
2696980	Drill Core	3.56																			
REP 2696980	QC																				
2696982	Drill Core	4.25																			
REP 2696982	QC																				
Core Reject Duplicates																					
2696830	Drill Core	1.99	32.05	48.01	82.93	10.7	781	90.0	7.3	94	1.73	29.9	11.1	1.0	4.0	53.4	0.09	16.19	0.18	162	1.34
DUP 2696830	QC		35.31	55.58	94.12	12.2	851	98.2	8.5	96	1.77	32.8	12.3	1.6	4.4	58.9	0.12	16.14	0.21	145	1.37
2696864	Drill Core	1.69																			
DUP 2696864	QC																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
2696809	Drill Core	0.007	4.6	1.5	0.25	65.8	<0.001	<20	0.03	<0.001	0.02	<0.1	0.1	<0.02	<0.02	6	0.2	0.02	<0.1	<0.02	<0.1
REP 2696809	QC																				
REP 2696830	QC	0.053	6.0	7.6	0.43	446.0	0.004	<20	0.55	0.003	0.31	<0.1	2.7	1.12	1.90	112	18.5	0.11	1.4	2.69	<0.1
2696843	Rock Pulp																				
REP 2696843	QC																				
2696847	Drill Core																				
REP 2696847	QC																				
2696877	Drill Core																				
REP 2696877	QC																				
2696881	Drill Core																				
REP 2696881	QC																				
2696913	Core DUP																				
REP 2696913	QC																				
2696916	Drill Core																				
REP 2696916	QC																				
2696948	Drill Core																				
REP 2696948	QC																				
2696952	Drill Core																				
REP 2696952	QC																				
2696980	Drill Core																				
REP 2696980	QC																				
2696982	Drill Core																				
REP 2696982	QC																				
Core Reject Duplicates																					
2696830	Drill Core	0.048	5.9	8.5	0.42	474.5	0.004	<20	0.61	0.003	0.34	<0.1	2.5	1.08	1.79	108	18.0	0.11	1.3	2.56	<0.1
DUP 2696830	QC	0.052	5.8	7.9	0.42	382.5	0.004	<20	0.55	0.004	0.31	<0.1	2.6	1.07	1.85	114	18.8	0.12	1.4	2.65	<0.1
2696864	Drill Core																				
DUP 2696864	QC																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
Pulp Duplicates																					
2696809	Drill Core	<0.02	0.03	0.1	<0.1	<0.05	0.2	7.38	2.7	<0.02	7	0.1	0.7	<10	<2						
REP 2696809	QC																				
REP 2696830	QC	0.30	<0.02	16.8	0.3	<0.05	13.4	9.52	10.0	<0.02	40	0.4	5.6	<10	6						
2696843	Rock Pulp															21.4	3947.2	15200.4	31688	106.3	36.7
REP 2696843	QC																				
2696847	Drill Core															33.9	42.1	85.4	1723	0.6	93.7
REP 2696847	QC															34.1	39.0	88.7	1758	0.7	97.5
2696877	Drill Core															45.0	33.4	112.5	1109	0.6	124.8
REP 2696877	QC																				
2696881	Drill Core															39.7	79.6	204.3	1271	0.8	142.2
REP 2696881	QC															38.4	83.7	210.1	1283	0.8	152.8
2696913	Core DUP															48.5	38.7	110.1	1936	0.9	102.5
REP 2696913	QC																				
2696916	Drill Core															42.8	49.6	212.7	1210	1.4	144.0
REP 2696916	QC															38.7	47.0	211.3	1223	1.3	134.1
2696948	Drill Core															66.2	63.4	68.5	2264	1.2	125.2
REP 2696948	QC																				
2696952	Drill Core															42.2	47.5	172.9	1250	1.1	117.4
REP 2696952	QC															41.0	43.4	173.7	1251	1.0	113.4
2696980	Drill Core															26.1	26.4	11.4	477	<0.5	78.8
REP 2696980	QC																				
2696982	Drill Core															13.2	37.9	20.1	170	<0.5	54.1
REP 2696982	QC															13.2	41.2	20.0	177	<0.5	53.4
Core Reject Duplicates																					
2696830	Drill Core	0.23	<0.02	17.0	0.2	<0.05	12.1	9.02	10.5	<0.02	32	0.3	5.2	<10	4						
DUP 2696830	QC	0.30	<0.02	17.0	0.3	<0.05	13.2	9.53	9.6	<0.02	37	0.6	5.1	<10	2						
2696864	Drill Core															34.3	86.8	91.7	1546	0.7	98.6
DUP 2696864	QC															36.1	86.2	93.5	1587	0.8	105.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
	Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
	MDL	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
Pulp Duplicates																					
2696809	Drill Core																				
REP 2696809	QC																				
REP 2696830	QC																				
2696843	Rock Pulp	26.1	868	8.98	538	1.1	1.0	34	197.5	143.1	10.9	38	1.55	0.041	6.6	45.8	1.59	221	0.011	1.38	<0.01
REP 2696843	QC																				
2696847	Drill Core	6.1	109	1.40	32	11.3	3.3	162	13.3	13.8	<0.5	158	0.75	0.055	15.2	9.9	0.35	3730	0.004	1.32	<0.01
REP 2696847	QC	5.9	112	1.41	32	11.3	3.1	161	13.5	14.1	<0.5	158	0.76	0.059	15.4	9.4	0.35	3548	0.006	1.33	<0.01
2696877	Drill Core	8.3	48	1.98	33	13.2	4.8	54	7.2	9.6	<0.5	135	0.19	0.055	19.1	7.8	0.09	1551	0.005	0.47	<0.01
REP 2696877	QC																				
2696881	Drill Core	5.7	89	3.02	65	8.8	3.3	514	7.7	17.9	<0.5	262	1.30	0.049	14.5	14.6	0.24	1238	0.004	1.92	<0.01
REP 2696881	QC	5.8	90	3.06	67	9.4	3.5	541	7.9	18.9	<0.5	269	1.30	0.049	14.4	15.5	0.25	1273	0.005	1.92	<0.01
2696913	Core DUP	6.8	94	1.71	40	23.2	4.4	267	17.9	16.5	<0.5	180	1.56	0.046	16.9	7.3	0.06	2168	0.006	0.54	<0.01
REP 2696913	QC																				
2696916	Drill Core	7.4	66	2.99	74	13.9	4.6	103	6.9	21.9	<0.5	117	0.69	0.045	17.2	5.8	0.05	843	0.005	0.53	<0.01
REP 2696916	QC	7.2	65	2.99	69	12.5	3.9	102	6.3	20.4	<0.5	123	0.69	0.047	16.3	6.2	0.05	811	0.006	0.55	<0.01
2696948	Drill Core	9.5	89	2.11	45	20.9	4.7	98	22.3	35.4	<0.5	221	0.82	0.053	19.7	9.5	0.06	1773	0.007	0.64	<0.01
REP 2696948	QC																				
2696952	Drill Core	6.8	54	2.77	61	12.5	4.4	35	8.5	23.3	<0.5	125	0.31	0.051	19.3	9.5	0.06	740	0.005	0.52	<0.01
REP 2696952	QC	7.1	51	2.77	61	12.4	4.6	36	8.4	23.4	<0.5	126	0.33	0.047	18.7	8.1	0.06	734	0.005	0.52	<0.01
2696980	Drill Core	9.5	83	1.85	19	6.6	4.6	162	2.8	2.8	<0.5	41	0.89	0.052	20.5	5.7	0.07	2091	0.004	1.38	<0.01
REP 2696980	QC																				
2696982	Drill Core	9.3	292	3.72	22	3.9	5.2	357	1.1	3.5	<0.5	27	1.97	0.050	22.1	6.0	0.12	635	0.004	0.82	<0.01
REP 2696982	QC	8.6	278	3.69	24	4.0	5.6	349	1.1	3.3	<0.5	27	1.96	0.054	22.2	6.0	0.12	565	0.003	0.81	<0.01
Core Reject Duplicates																					
2696830	Drill Core																				
DUP 2696830	QC																				
2696864	Drill Core	6.3	115	1.48	33	12.2	3.4	586	11.5	17.1	<0.5	190	0.98	0.051	15.9	10.1	0.36	>5000	0.004	1.47	<0.01
DUP 2696864	QC	6.1	114	1.56	32	12.7	4.2	687	12.0	17.5	<0.5	218	0.97	0.053	16.2	12.9	0.36	>5000	0.004	1.51	<0.01

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
	Analyte	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
	Unit	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	MDL	0.01	0.5	0.05	0.5	0.5	0.05	5	2	10	0.01
Pulp Duplicates											
2696809	Drill Core									66	2.65
REP 2696809	QC									64	
REP 2696830	QC										
2696843	Rock Pulp	0.12	0.9	7.75	3.3	8.2	8.10	7	37	694	2.96
REP 2696843	QC									692	
2696847	Drill Core	0.10	0.5	0.26	3.2	1.8	0.90	<5	11	43093	2.60
REP 2696847	QC	0.11	0.6	0.28	3.1	1.9	0.90	<5	10		
2696877	Drill Core	0.19	0.8	0.24	2.3	5.1	2.22	<5	8	11935	2.47
REP 2696877	QC									11593	
2696881	Drill Core	0.09	0.6	0.26	9.1	10.2	1.56	<5	10	108155	2.77
REP 2696881	QC	0.09	0.5	0.23	8.4	10.8	1.59	<5	10		
2696913	Core DUP	0.17	0.7	0.32	2.0	3.2	1.91	<5	12	9365	2.50
REP 2696913	QC									9459	
2696916	Drill Core	0.18	0.7	0.24	1.3	9.5	3.41	<5	11	8527	2.24
REP 2696916	QC	0.20	0.6	0.21	1.7	8.7	3.43	<5	10		
2696948	Drill Core	0.23	0.6	0.33	2.2	2.9	2.30	<5	18	7295	2.42
REP 2696948	QC									7260	
2696952	Drill Core	0.19	0.5	0.15	2.4	4.7	2.92	<5	12	4709	2.52
REP 2696952	QC	0.19	<0.5	0.17	1.9	5.0	2.91	<5	11		
2696980	Drill Core	0.18	<0.5	0.11	2.5	1.6	1.46	<5	3	31111	2.51
REP 2696980	QC									28922	
2696982	Drill Core	0.23	<0.5	0.13	3.0	2.6	3.76	<5	<2	21349	2.52
REP 2696982	QC	0.23	<0.5	0.18	2.6	2.3	3.75	<5	3		
Core Reject Duplicates											
2696830	Drill Core									3424	2.59
DUP 2696830	QC									3531	2.58
2696864	Drill Core	0.10	<0.5	0.26	5.9	1.9	0.74	<5	10	53931	2.53
DUP 2696864	QC	0.11	0.5	0.26	6.4	2.0	0.78	<5	10	53988	2.51

Client: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Project: AKIE
Report Date: October 16, 2018

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

QUALITY CONTROL REPORT VAN18002382.1

		WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696898	Drill Core	5.51																			
DUP 2696898	QC																				
2696932	Drill Core	5.19																			
DUP 2696932	QC																				
2696966	Drill Core	3.89																			
DUP 2696966	QC																				
Reference Materials																					
STD DS11	Standard		14.55	147.89	133.71	357.9	1663	74.1	13.3	987	3.17	43.8	2.4	65.4	7.3	66.0	2.41	8.81	11.76	51	1.06
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD OREAS135	Standard																				
STD OREAS45EA	Standard		1.67	709.84	14.13	29.8	257	405.2	49.2	390	20.62	11.6	1.8	51.0	10.6	3.7	<0.01	0.39	0.27	324	0.04
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				

Client: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

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

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696898	Drill Core																				
DUP 2696898	QC																				
2696932	Drill Core																				
DUP 2696932	QC																				
2696966	Drill Core																				
DUP 2696966	QC																				
Reference Materials																					
STD DS11	Standard	0.072	18.5	57.1	0.85	421.3	0.098	<20	1.17	0.075	0.42	2.8	3.3	4.89	0.28	247	2.1	4.67	5.1	3.05	<0.1
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD GBM398-4-AR	Standard																				
STD OREAS135	Standard																				
STD OREAS45EA	Standard	0.027	6.8	796.6	0.10	140.1	0.095	<20	3.28	0.018	0.06	<0.1	75.2	0.06	0.02	10	1.6	0.14	12.1	0.76	0.3
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE

Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.5	0.5	0.5	5	0.5	0.5
2696898	Drill Core															27.7	41.0	74.3	621	0.6	93.5
DUP 2696898	QC															24.4	37.9	70.0	601	0.6	86.2
2696932	Drill Core															29.8	46.1	93.7	2555	0.8	99.7
DUP 2696932	QC															31.6	46.4	92.2	2382	0.7	101.0
2696966	Drill Core															36.0	35.2	206.8	1714	0.6	94.3
DUP 2696966	QC															35.6	33.7	212.1	1832	0.6	95.1
Reference Materials																					
STD DS11	Standard	0.05	1.26	34.4	2.0	<0.05	2.3	7.72	37.3	0.25	49	0.6	23.6	107	172						
STD GBM398-4-AR	Standard															914.9	3905.8	11254.1	5418	50.6	4264.1
STD GBM398-4-AR	Standard															912.6	3800.3	10990.2	5209	50.1	4298.4
STD GBM398-4-AR	Standard															929.4	3881.5	11308.0	5277	49.2	4360.0
STD GBM398-4-AR	Standard															918.8	3799.9	11573.8	5207	49.2	4331.4
STD OREAS135	Standard															8.0	289.8	16709.0	28372	58.3	34.7
STD OREAS45EA	Standard	0.50	0.07	7.7	0.9	<0.05	18.7	5.47	17.8	0.09	1	0.5	2.6	57	111						
STD OREAS605	Standard															5.4	51437.9	825.9	2186	993.3	1577.5
STD OREAS605	Standard															4.9	51822.0	872.8	2195	>1000	1585.9
STD OREAS927-AR	Standard															1.1	10822.2	211.6	711	4.6	29.5
STD OREAS927-AR	Standard															1.0	10233.8	217.8	716	4.0	29.4
STD OREAS927-AR	Standard															1.0	10999.5	207.7	721	4.4	27.4
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE

Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%
		0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01
2696898	Drill Core	6.4	107	2.20	26	7.6	5.8	290	5.0	10.6	<0.5	101	1.65	0.049	22.3	8.3	0.12	1750	0.005	0.71	<0.01
DUP 2696898	QC	6.5	92	1.99	25	7.1	5.5	218	5.0	9.2	<0.5	92	1.33	0.050	21.2	6.9	0.09	1443	0.005	0.67	<0.01
2696932	Drill Core	7.5	118	1.87	34	8.8	5.6	153	18.7	17.8	<0.5	110	1.12	0.059	17.6	7.7	0.06	1042	0.007	0.53	<0.01
DUP 2696932	QC	6.7	116	1.89	34	9.5	5.6	152	16.9	17.2	<0.5	123	1.12	0.055	18.4	8.0	0.07	1138	0.008	0.58	<0.01
2696966	Drill Core	8.1	66	2.16	55	10.3	4.0	114	8.9	11.8	<0.5	91	1.08	0.056	25.0	6.2	0.04	946	0.003	0.45	<0.01
DUP 2696966	QC	8.2	63	2.20	51	10.3	4.5	110	9.5	12.1	<0.5	94	1.12	0.052	24.4	6.3	0.04	1003	0.003	0.47	<0.01
Reference Materials																					
STD DS11	Standard																				
STD GBM398-4-AR	Standard	2121.5	5274	3.83	7	0.7	0.8	12	9.3	6.5	12.6	27	0.30	0.018	2.5	1914.6	0.11	17	0.114	0.48	0.25
STD GBM398-4-AR	Standard	1997.4	5433	4.07	7	0.7	0.8	13	9.0	7.0	12.5	23	0.32	0.017	2.6	1946.5	0.13	17	0.112	0.49	0.26
STD GBM398-4-AR	Standard	2025.7	5484	4.09	7	0.7	0.8	14	10.0	7.4	13.0	23	0.37	0.017	2.8	2018.0	0.13	29	0.115	0.49	0.25
STD GBM398-4-AR	Standard	1975.0	5432	4.11	8	0.5	1.0	14	8.1	7.4	14.1	23	0.36	0.018	2.5	1996.1	0.12	18	0.115	0.48	0.26
STD OREAS135	Standard	29.3	3943	8.96	945	9.0	10.8	25	66.4	39.2	4.5	33	1.79	0.093	37.1	21.7	0.82	377	0.027	1.08	0.02
STD OREAS45EA	Standard																				
STD OREAS605	Standard	102.9	96	3.95	1729	0.8	2.4	53	14.4	306.3	19.8	<10	0.17	0.010	7.9	31.5	0.03	194	0.010	0.73	0.03
STD OREAS605	Standard	100.8	100	4.00	1767	0.9	2.7	57	15.2	326.3	22.5	<10	0.17	0.014	8.2	30.5	0.03	218	0.011	0.77	0.03
STD OREAS927-AR	Standard	30.9	1020	8.03	14	1.5	12.0	12	0.9	1.2	62.8	36	0.30	0.056	24.7	42.5	1.84	43	0.072	3.11	<0.01
STD OREAS927-AR	Standard	31.2	1134	8.43	11	1.7	12.4	14	0.9	1.4	63.1	33	0.28	0.052	26.9	40.8	1.93	43	0.086	3.17	<0.01
STD OREAS927-AR	Standard	29.3	1095	8.15	14	1.7	12.1	13	0.9	1.3	63.3	34	0.33	0.057	26.5	42.3	1.88	43	0.092	3.18	<0.01
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		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	LF301 Ba ppm 10	SPG01 SG 0.01
2696898	Drill Core	0.21	0.5	0.08	3.0	3.8	2.27	<5	6	16829	2.55
DUP 2696898	QC	0.20	0.6	0.12	2.0	3.2	2.06	<5	7	16348	2.56
2696932	Drill Core	0.23	0.9	0.38	1.6	3.5	2.27	<5	11	7819	2.48
DUP 2696932	QC	0.24	1.0	0.38	1.9	3.5	2.27	<5	10	7857	2.48
2696966	Drill Core	0.22	<0.5	0.21	1.6	4.7	2.37	<5	7	4790	2.53
DUP 2696966	QC	0.22	<0.5	0.18	1.7	4.8	2.41	<5	7	4926	2.51
Reference Materials											
STD DS11	Standard										
STD GBM398-4-AR	Standard	0.10	2.7	3.06	1.9	<0.5	0.93	<5	3		
STD GBM398-4-AR	Standard	0.11	2.4	3.09	1.5	<0.5	0.95	<5	2		
STD GBM398-4-AR	Standard	0.10	2.7	2.90	2.5	<0.5	0.95	<5	6		
STD GBM398-4-AR	Standard	0.10	3.2	2.93	1.8	<0.5	0.96	<5	3		
STD OREAS135	Standard	0.52	2.9	1.21	4.0	6.1	7.31	<5	<2		
STD OREAS45EA	Standard										
STD OREAS605	Standard	0.13	7.0	1.55	1.1	15.3	7.89	7	69		
STD OREAS605	Standard	0.15	8.0	1.67	1.3	17.4	7.99	7	79		
STD OREAS927-AR	Standard	0.25	5.1	0.12	5.1	<0.5	1.71	8	15		
STD OREAS927-AR	Standard	0.27	4.6	0.08	6.0	<0.5	1.80	9	13		
STD OREAS927-AR	Standard	0.27	5.2	0.12	4.4	<0.5	1.73	9	16		
STD SO-19	Standard									495	
STD SO-19	Standard									512	
STD SO-19	Standard									477	
STD SO-19	Standard									472	
STD SO-19	Standard									469	
STD SO-19	Standard									492	
STD SO-19	Standard									479	
STD SO-19	Standard									471	
STD SO-19	Standard									466	
STD SO-19	Standard									480	

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
STD SO-19	Standard																				
STD SO-19	Standard																				
STD OREAS45EA Expected			1.6	709	14.3	31.4	260	381	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.32	0.26	303	0.036
STD DS11 Expected			13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD SO-19 Expected																					
STD OREAS927-AR Expected																					
STD OREAS135 Expected																					
STD GBM398-4-AR Expected																					
STD OREAS605 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		0.70	2.09	1.27	26.8	10	0.7	3.5	429	1.74	0.9	0.5	1.0	2.4	20.1	0.02	0.03	0.03	24	0.59
ROCK-VAN	Prep Blank		0.69	2.27	1.13	26.7	10	0.8	3.4	453	1.74	1.1	0.5	0.8	2.4	18.9	0.01	0.02	<0.02	23	0.58

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		AQ250 P % 0.001	AQ250 La ppm 0.5	AQ250 Cr ppm 0.5	AQ250 Mg % 0.01	AQ250 Ba ppm 0.5	AQ250 Ti % 0.001	AQ250 B ppm 20	AQ250 Al % 0.01	AQ250 Na % 0.001	AQ250 K % 0.01	AQ250 W ppm 0.1	AQ250 Sc ppm 0.1	AQ250 Tl ppm 0.02	AQ250 S % 0.02	AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02	AQ250 Ga ppm 0.1	AQ250 Cs ppm 0.02	AQ250 Ge ppm 0.1
STD SO-19	Standard																				
STD SO-19	Standard																				
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.32	0.02	0.053		78	0.072	0.036	10	0.78	0.1	12.4	0.71	0.26
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7	2.88	0.08
STD SO-19 Expected																					
STD OREAS927-AR Expected																					
STD OREAS135 Expected																					
STD GBM398-4-AR Expected																					
STD OREAS605 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	0.02	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	0.036	6.2	3.1	0.43	56.2	0.085	<20	0.88	0.092	0.09	0.1	2.8	<0.02	<0.02	5	<0.1	<0.02	3.5	0.22	0.1
ROCK-VAN	Prep Blank	0.038	6.3	2.0	0.43	54.9	0.077	<20	0.84	0.086	0.09	<0.1	2.8	<0.02	<0.02	5	<0.1	<0.02	3.6	0.21	<0.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		AQ250 Hf ppm 0.02	AQ250 Nb ppm 0.02	AQ250 Rb ppm 0.1	AQ250 Sn ppm 0.1	AQ250 Ta ppm 0.05	AQ250 Zr ppm 0.1	AQ250 Y ppm 0.01	AQ250 Ce ppm 0.1	AQ250 In ppm 0.02	AQ250 Re ppb 1	AQ250 Be ppm 0.1	AQ250 Li ppm 0.1	AQ250 Pd ppb 10	AQ250 Pt ppb 2	AQ270 Mo ppm 0.5	AQ270 Cu ppm 0.5	AQ270 Pb ppm 0.5	AQ270 Zn ppm 5	AQ270 Ag ppm 0.5	AQ270 Ni ppm 0.5
STD SO-19	Standard																				
STD SO-19	Standard																				
STD OREAS45EA Expected		0.68	0.09	7.9	0.94		23	5.09	17.7	0.09		0.41	2.37	66	108						
STD DS11 Expected		0.06	1.2	33.6	1.8		2.4	7.82	37	0.24	50	0.67	23.3	100	172						
STD SO-19 Expected																					
STD OREAS927-AR Expected																1.06	10715	212	726	4.9	30.9
STD OREAS135 Expected																8.25	282	17000	28000	55.2	33.7
STD GBM398-4-AR Expected																917	3919	11750	5345	49.2	4135
STD OREAS605 Expected																4.75	49800	856	2170	984	1538
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	2						
BLK	Blank																				
BLK	Blank																				
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
BLK	Blank															<0.5	<0.5	<0.5	<5	<0.5	<0.5
Prep Wash																					
ROCK-VAN	Prep Blank	0.13	0.18	2.7	0.4	<0.05	3.8	8.48	12.3	0.02	<1	0.2	2.2	<10	<2	0.8	3.1	1.3	29	<0.5	0.6
ROCK-VAN	Prep Blank	0.11	0.19	2.6	0.4	<0.05	3.4	8.50	12.2	<0.02	<1	0.3	1.9	<10	3	0.9	3.0	1.1	30	<0.5	0.7

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		AQ270 Co ppm 0.5	AQ270 Mn ppm 5	AQ270 Fe % 0.01	AQ270 As ppm 5	AQ270 U ppm 0.5	AQ270 Th ppm 0.5	AQ270 Sr ppm 5	AQ270 Cd ppm 0.5	AQ270 Sb ppm 0.5	AQ270 Bi ppm 0.5	AQ270 V ppm 10	AQ270 Ca % 0.01	AQ270 P % 0.001	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
STD SO-19	Standard																				
STD SO-19	Standard																				
STD OREAS45EA Expected																					
STD DS11 Expected																					
STD SO-19 Expected																					
STD OREAS927-AR Expected		29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054	26.9	41.7	1.94	51.4	0.085	3.25	0.011
STD OREAS135 Expected		28	3960	8.97	883	8.89	9.67		61	38	4.35	33.4	1.83	0.086	39.8	22	0.833	366	0.026	1.09	
STD GBM398-4-AR Expected		1950	5260	3.95	6	0.7	0.8	13	9.2	7.2	12.9	24	0.34	0.02	2.8	1950	0.12	21	0.111	0.48	0.25
STD OREAS605 Expected		93	86	3.75	1613	0.95			12.9	228	16.7	8.33	0.182	0.0116	3.95	27.5	0.0289	184.8	0.01	0.73	0.0328
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001	<0.5	1.4	<0.01	<5	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01
BLK	Blank	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002	<0.5	<0.5	<0.01	<5	<0.001	0.02	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank	4.1	467	1.75	<5	<0.5	2.5	22	<0.5	<0.5	<0.5	25	0.59	0.044	6.7	3.4	0.42	68	0.094	0.90	0.12
ROCK-VAN	Prep Blank	3.6	451	1.74	<5	<0.5	2.3	21	<0.5	<0.5	<0.5	24	0.60	0.039	6.7	2.4	0.41	59	0.093	0.91	0.12

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: October 16, 2018

QUALITY CONTROL REPORT VAN18002382.1

		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	LF301 Ba ppm 10	SPG01 SG 0.01
STD SO-19	Standard									461	
STD SO-19	Standard									466	
STD OREAS45EA Expected											
STD DS11 Expected											
STD SO-19 Expected										486	
STD OREAS927-AR Expected		0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD OREAS135 Expected		0.487	2.93	1.21	3.51	6.61	7.08	5.25			
STD GBM398-4-AR Expected		0.11	3	3.21	1.79		0.94		3		
STD OREAS605 Expected		0.134	5.9		1.05	15.3	7.86		75		
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank									19	
BLK	Blank									<10	
BLK	Blank									22	
BLK	Blank									38	
BLK	Blank										
BLK	Blank									10	
BLK	Blank									<10	
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
Prep Wash											
ROCK-VAN	Prep Blank	0.12	<0.5	<0.05	3.5	<0.5	<0.05	<5	<2	827	2.67
ROCK-VAN	Prep Blank	0.11	<0.5	<0.05	3.1	<0.5	<0.05	<5	<2	832	2.67

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Submitted By: Nicholas Johnson
Receiving Lab: Canada-Vancouver
Received: September 13, 2018
Report Date: November 02, 2018
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN18002475.2

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: Akie 149
P.O. Number Akie
Number of Samples: 49

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT Dispose of Reject After 60 days

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

Invoice To: ZincX Resources Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3
Canada

CC: Ken MacDonald

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	44	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SPTRF	1	Split samples by riffle splitter			VAN
PUL85	1	Pulverize to 85% passing 200 mesh			VAN
SLBHP	4	Sort, label and box pulps			VAN
PULSW	45	Extra Wash with Silica between each sample			VAN
AQ250_EXT	49	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
LF301	49	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	47	Specific Gravity on Pulp		Completed	VAN
GC816	4	Zinc Assay by Classical Titration	0.5	Completed	VAN
AQ371	1	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN
AQ270	49	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : AQ270 included. LF301-Ba data > 50000 ppm for informational purposes only.

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

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2696995	Drill Core	2.02	1.39	13.11	17.29	70.2	168	30.9	6.4	185	1.13	3.7	0.8	1.4	3.8	38.2	0.32	0.57	0.09	8	4.25
2696996	Drill Core	2.34	2.20	25.82	20.74	177.2	252	40.6	11.2	201	1.26	5.0	1.0	1.1	4.3	27.4	2.77	0.77	0.11	11	3.58
2696997	Drill Core	2.22	8.49	30.05	41.53	3904.6	265	56.2	30.2	345	1.87	6.1	1.2	1.3	3.7	75.5	57.47	1.30	0.06	18	4.21
2696998	Drill Core	3.28	5.27	52.67	254.03	>10000	501	41.4	11.2	123	1.30	4.6	1.2	1.0	1.3	36.3	315.46	1.41	0.04	10	4.06
2696999	Rock Pulp	0.02	1.48	46.82	3.15	88.4	42	4.7	7.8	343	2.50	0.5	0.7	0.6	2.0	59.8	0.71	0.04	0.04	89	0.74
2697650	Drill Core	2.41	5.17	13.53	6492.36	7983.2	703	49.7	11.9	287	0.99	2.6	2.1	<0.2	0.4	252.2	119.66	1.28	<0.02	9	21.47
2697651	Drill Core	3.22	4.23	4.58	252.61	3126.6	93	28.5	6.4	420	0.71	1.7	2.9	<0.2	0.7	195.4	80.03	0.83	<0.02	8	32.90
2697652	Drill Core	2.37	5.29	14.10	391.53	>10000	172	49.3	12.2	266	0.99	2.1	2.0	<0.2	0.5	166.4	130.54	0.96	<0.02	9	20.17
2697653	Drill Core	2.21	5.11	16.43	312.82	>10000	263	51.7	10.5	338	1.23	2.6	3.3	0.5	0.5	214.1	179.52	1.26	<0.02	14	29.20
2697654	Drill Core	2.86	0.96	1.48	35.01	1069.0	14	5.3	1.0	180	0.14	0.4	1.3	0.2	0.1	197.6	12.66	0.21	<0.02	4	34.39
2697655	Drill Core	2.00	4.40	7.46	230.44	5749.2	94	59.2	12.1	293	0.99	1.2	1.6	<0.2	0.4	148.0	108.89	0.79	<0.02	9	24.19
2697656	Drill Core	2.05	12.01	11.83	9768.60	1433.0	481	43.7	9.1	210	1.17	2.2	2.8	<0.2	0.2	165.1	35.76	1.35	<0.02	11	19.24
2697657	Drill Core	2.04	13.75	14.00	1193.79	1923.7	141	83.0	14.1	215	1.82	5.7	4.8	<0.2	0.4	160.0	44.31	2.91	<0.02	20	23.56
2697658	Drill Core	2.12	9.28	12.71	553.89	2885.0	134	95.4	21.8	258	1.98	4.0	3.6	<0.2	0.3	110.0	80.55	2.15	<0.02	21	28.94
2697659	Rock Pulp	0.07	20.21	3928.22	>10000	>10000	>100000	30.6	22.6	878	8.58	517.9	0.9	196.5	0.6	30.6	175.04	93.34	9.36	33	1.48
2697660	Drill Core	3.80	1.18	1.34	41.84	110.4	21	4.6	0.8	113	0.16	1.2	1.0	<0.2	<0.1	198.2	8.54	0.27	<0.02	10	32.84
2697661	Drill Core	3.19	0.80	0.73	6.74	76.9	10	3.4	0.6	100	0.10	0.7	1.2	<0.2	<0.1	184.5	1.24	0.18	<0.02	7	33.11
2697662	Drill Core	3.48	2.17	1.99	14.07	262.4	27	13.4	1.5	127	0.33	1.6	2.1	<0.2	<0.1	261.5	8.86	0.62	<0.02	8	36.25
2697663	Drill Core	1.64	33.34	38.10	17.76	147.6	616	59.0	7.5	14	1.19	18.3	4.3	0.3	3.9	9.9	2.55	5.81	0.18	78	0.15
2697664	Drill Core	1.54	34.67	84.09	96.26	236.4	1901	142.4	7.3	20	10.19	143.9	7.7	<0.2	2.9	10.8	1.43	28.32	0.12	129	0.26
2697665	Drill Core	2.70	20.31	33.92	27.18	79.1	961	64.4	6.3	12	1.56	21.1	1.8	<0.2	4.0	9.1	1.76	7.21	0.18	53	0.09
2697666	Drill Core	2.42	27.01	42.21	23.18	949.9	1239	85.3	8.9	38	1.77	39.2	3.4	0.6	4.9	7.6	16.08	10.17	0.18	80	0.12
2697667	Drill Core	1.90	18.20	180.67	142.62	404.9	6460	127.4	9.2	62	16.58	210.3	2.2	<0.2	3.5	8.3	6.02	39.93	0.12	62	0.13
2697668	Drill Core	2.47	19.95	29.15	17.03	1144.0	1077	61.6	8.1	46	1.67	14.1	2.3	0.3	4.7	9.1	19.73	8.29	0.18	54	0.11
2697669	Pulp DUP		19.49	28.75	16.75	1137.3	1065	59.1	7.9	45	1.68	13.8	2.3	<0.2	4.7	8.7	19.93	7.23	0.18	54	0.11
2697670	Drill Core	1.99	19.32	29.10	13.85	536.5	701	57.5	6.9	28	1.52	14.3	2.2	0.3	5.2	7.8	8.46	5.08	0.18	50	0.13
2697671	Drill Core	2.21	23.24	40.26	15.11	396.8	689	72.0	7.6	53	2.37	17.1	2.7	<0.2	5.5	8.2	3.51	5.09	0.18	65	0.13
2697672	Drill Core	1.87	33.24	52.31	32.07	65.9	1105	89.9	8.4	84	4.47	40.4	5.2	<0.2	5.2	52.7	0.57	10.47	0.16	51	1.00
2697673	Drill Core	1.81	31.13	18.49	12.22	245.2	307	59.7	7.5	122	2.32	12.4	3.7	<0.2	4.9	70.4	0.42	3.14	0.15	66	1.29
2697674	Drill Core	1.61	33.58	23.03	11.04	75.0	232	64.2	6.5	30	1.18	15.6	4.8	<0.2	6.7	8.3	0.21	3.27	0.17	35	0.12

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2696995	Drill Core		0.012	18.5	4.2	1.18	544.0	<0.001	<20	0.22	0.002	0.14	<0.1	3.0	0.07	<0.02	64	0.3	<0.02	0.5	0.34	<0.1
2696996	Drill Core		0.013	17.8	6.0	0.68	409.1	<0.001	<20	0.24	<0.001	0.15	<0.1	3.4	0.06	<0.02	112	0.2	<0.02	0.7	0.37	<0.1
2696997	Drill Core		0.015	8.5	5.3	1.77	416.6	<0.001	<20	0.25	0.001	0.08	<0.1	2.5	0.12	0.02	1665	0.5	<0.02	0.8	0.31	<0.1
2696998	Drill Core		0.013	4.2	4.5	0.03	1296.2	<0.001	<20	0.19	<0.001	0.07	0.1	0.7	0.06	0.07	5139	1.9	<0.02	1.8	0.16	0.1
2696999	Rock Pulp		0.050	5.6	9.7	0.67	111.8	0.092	<20	1.34	0.139	0.19	2.0	1.8	0.03	<0.02	34	<0.1	<0.02	4.1	0.26	<0.1
2697650	Drill Core		0.005	2.0	1.8	0.08	1656.8	<0.001	<20	0.09	0.002	<0.01	<0.1	1.7	0.02	0.12	3191	0.6	<0.02	0.4	0.04	0.4
2697651	Drill Core		0.002	4.0	0.8	0.09	1147.9	<0.001	<20	0.04	0.004	0.02	0.1	5.9	<0.02	<0.02	848	0.1	<0.02	0.2	<0.02	0.4
2697652	Drill Core		0.004	1.6	1.3	0.06	2584.8	<0.001	<20	0.07	<0.001	<0.01	<0.1	1.5	<0.02	0.07	1923	0.8	<0.02	0.4	0.02	1.0
2697653	Drill Core		0.006	2.0	1.1	0.09	561.6	<0.001	<20	0.16	0.001	0.02	<0.1	3.8	0.03	<0.02	2617	0.9	<0.02	2.4	0.03	1.1
2697654	Drill Core		0.002	1.0	0.6	0.12	257.4	<0.001	<20	0.01	0.003	0.02	<0.1	2.7	<0.02	<0.02	410	0.2	<0.02	<0.1	<0.02	0.1
2697655	Drill Core		0.003	1.3	1.0	0.07	774.7	<0.001	<20	0.07	<0.001	<0.01	<0.1	2.6	<0.02	0.05	2900	0.5	<0.02	0.4	0.02	0.3
2697656	Drill Core		0.011	1.3	1.1	0.06	2738.4	<0.001	<20	0.28	<0.001	<0.01	<0.1	1.2	0.02	0.16	4651	0.5	<0.02	0.1	0.03	0.5
2697657	Drill Core		0.014	2.0	1.6	0.07	3816.9	<0.001	<20	0.45	<0.001	<0.01	<0.1	1.6	0.02	0.10	1884	0.3	<0.02	0.3	0.07	0.3
2697658	Drill Core		0.008	1.5	1.5	0.09	340.3	<0.001	<20	0.25	<0.001	<0.01	<0.1	0.9	<0.02	<0.02	823	0.4	<0.02	0.8	0.05	0.3
2697659	Rock Pulp		0.038	3.0	38.7	1.51	44.8	0.007	<20	1.33	0.009	0.11	0.6	2.9	6.99	7.24	6838	35.3	0.27	6.3	0.40	0.3
2697660	Drill Core		<0.001	0.7	0.6	0.12	165.4	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.3	<0.02	<0.02	168	0.1	<0.02	<0.1	0.03	<0.1
2697661	Drill Core		<0.001	<0.5	0.6	0.12	138.3	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	126	<0.1	<0.02	<0.1	0.04	<0.1
2697662	Drill Core		0.002	0.6	0.8	0.17	589.7	<0.001	20	0.02	0.005	0.03	<0.1	2.3	<0.02	<0.02	177	<0.1	<0.02	0.1	0.03	<0.1
2697663	Drill Core		0.042	8.0	5.3	0.02	181.2	<0.001	<20	0.38	0.004	0.22	<0.1	1.5	0.60	1.26	91	9.7	0.08	1.0	2.44	<0.1
2697664	Drill Core		0.067	5.0	7.5	0.02	10.9	0.001	<20	0.40	0.003	0.18	<0.1	1.6	0.69	>10	190	27.1	0.08	1.1	1.81	0.2
2697665	Drill Core		0.034	6.7	5.4	0.02	159.6	<0.001	<20	0.35	0.003	0.21	<0.1	1.5	0.42	1.66	120	17.9	0.08	0.9	2.15	<0.1
2697666	Drill Core		0.040	16.0	6.7	0.14	112.5	<0.001	<20	0.52	0.003	0.19	<0.1	1.6	0.56	1.44	174	25.0	0.10	1.3	2.13	<0.1
2697667	Drill Core		0.035	9.8	6.5	0.15	13.9	<0.001	<20	0.48	0.003	0.13	<0.1	1.3	0.79	>10	463	67.3	0.07	1.2	1.25	0.2
2697668	Drill Core		0.038	14.6	5.9	0.07	96.6	<0.001	<20	0.39	0.003	0.18	<0.1	1.3	0.41	1.43	168	18.0	0.08	1.0	1.94	<0.1
2697669	Pulp DUP		0.039	14.5	5.8	0.07	96.6	<0.001	<20	0.39	0.003	0.18	<0.1	1.4	0.35	1.46	148	18.1	0.08	1.0	1.91	<0.1
2697670	Drill Core		0.042	18.2	6.4	0.09	102.2	<0.001	<20	0.44	0.004	0.19	<0.1	1.4	0.34	1.44	127	16.1	0.11	1.1	2.41	<0.1
2697671	Drill Core		0.044	18.3	8.2	0.14	104.5	<0.001	<20	0.55	0.004	0.21	<0.1	1.8	0.39	2.05	112	19.1	0.12	1.4	2.38	<0.1
2697672	Drill Core		0.057	16.5	8.9	0.36	71.5	0.001	<20	0.78	0.003	0.17	<0.1	2.4	0.76	4.30	167	14.9	0.07	2.0	1.86	<0.1
2697673	Drill Core		0.039	16.3	11.6	0.52	92.0	<0.001	<20	0.90	0.003	0.17	<0.1	2.4	0.42	1.29	97	2.2	0.06	2.2	1.69	<0.1
2697674	Drill Core		0.046	19.2	5.2	0.08	92.6	<0.001	<20	0.41	0.004	0.17	<0.1	1.4	0.45	1.04	87	3.1	0.08	1.0	1.95	<0.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	LF301	SPG01	GC816	AQ371	AQ270	AQ270
		Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	SG	Zn	Pb	Mo	Cu
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm		%	%	ppm	ppm
		MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	10	0.01	1	0.1	0.5	0.5
2696995	Drill Core		0.10	<0.02	3.4	0.2	<0.05	4.3	6.66	35.3	<0.02	1	0.2	1.4	<10	<2	3991	2.71			1.6	15.8
2696996	Drill Core		0.17	<0.02	3.7	0.9	<0.05	6.5	6.26	32.6	<0.02	2	0.4	1.7	<10	<2	3781	2.71			2.7	27.6
2696997	Drill Core		0.18	<0.02	1.9	0.7	<0.05	7.4	6.04	16.1	<0.02	2	0.3	2.5	<10	<2	2990	2.70			9.0	30.3
2696998	Drill Core		0.11	<0.02	1.6	0.7	<0.05	3.6	8.43	6.8	0.04	2	0.1	1.5	<10	<2	3143	2.72	3.68		5.8	54.9
2696999	Rock Pulp		0.06	0.09	5.8	0.2	<0.05	1.1	3.42	12.4	<0.02	<1	0.1	5.0	<10	<2	577	I.S.			1.9	48.7
2697650	Drill Core		<0.02	<0.02	0.3	0.1	<0.05	1.6	15.09	5.6	<0.02	1	<0.1	0.5	<10	<2	2366	2.71			5.2	13.1
2697651	Drill Core		<0.02	<0.02	<0.1	<0.1	<0.05	1.3	18.09	11.7	<0.02	1	<0.1	0.4	<10	<2	1160	2.66			4.8	6.0
2697652	Drill Core		<0.02	<0.02	0.2	0.1	<0.05	1.7	14.64	4.6	<0.02	1	<0.1	0.3	<10	<2	3934	2.72	1.70		5.1	15.4
2697653	Drill Core		0.02	<0.02	0.2	0.2	<0.05	2.0	19.31	5.7	0.03	3	0.4	0.3	<10	<2	647	2.69	1.80		4.8	16.1
2697654	Drill Core		<0.02	<0.02	0.1	<0.1	<0.05	0.8	5.13	2.5	<0.02	<1	<0.1	0.3	17	2	297	2.69			0.8	1.6
2697655	Drill Core		<0.02	<0.02	0.1	0.1	<0.05	1.1	13.70	3.8	0.03	<1	0.2	0.3	<10	3	979	2.68			3.9	7.9
2697656	Drill Core		<0.02	<0.02	0.1	<0.1	<0.05	1.3	17.11	4.0	<0.02	<1	0.2	0.4	<10	<2	18300	2.72			12.0	13.3
2697657	Drill Core		0.03	<0.02	0.4	0.1	<0.05	2.4	28.74	5.5	<0.02	2	0.2	0.7	<10	<2	8049	2.70			14.6	14.1
2697658	Drill Core		0.03	<0.02	0.3	0.3	<0.05	2.5	28.60	3.5	<0.02	1	<0.1	0.6	<10	<2	532	2.71			8.9	13.6
2697659	Rock Pulp		0.10	0.03	3.4	13.7	<0.05	2.8	4.25	6.0	1.97	17	0.1	15.8	<10	<2	694	2.96	3.26	1.5	21.5	3899.8
2697660	Drill Core		<0.02	<0.02	0.2	<0.1	<0.05	0.7	3.65	1.2	<0.02	1	<0.1	0.4	<10	2	193	2.69			1.2	1.5
2697661	Drill Core		<0.02	<0.02	0.3	<0.1	<0.05	0.9	2.90	0.8	<0.02	<1	<0.1	0.5	<10	<2	191	2.68			0.9	1.3
2697662	Drill Core		<0.02	<0.02	0.2	<0.1	<0.05	0.5	2.03	0.9	<0.02	2	<0.1	0.6	<10	<2	553	2.68			2.1	1.9
2697663	Drill Core		0.14	<0.02	12.0	0.3	<0.05	7.0	5.96	14.6	<0.02	32	0.6	1.4	12	3	2093	2.50			36.5	37.9
2697664	Drill Core		0.27	<0.02	10.5	0.2	<0.05	10.8	14.97	11.3	<0.02	29	0.4	2.9	<10	<2	1477	2.67			32.3	88.3
2697665	Drill Core		0.16	<0.02	11.8	0.2	<0.05	7.1	4.94	11.9	<0.02	22	0.8	1.5	<10	2	2031	2.55			21.0	34.1
2697666	Drill Core		0.18	<0.02	11.2	0.3	<0.05	8.7	8.09	28.6	0.03	28	1.0	15.3	<10	<2	1282	2.56			27.5	42.2
2697667	Drill Core		0.23	0.03	7.4	0.3	<0.05	9.3	7.40	17.6	<0.02	17	0.5	18.2	<10	<2	853	3.01			19.3	198.4
2697668	Drill Core		0.12	<0.02	10.5	0.3	<0.05	6.6	9.55	25.9	<0.02	26	0.6	8.0	<10	2	1268	2.56			21.0	30.4
2697669	Pulp DUP		0.13	<0.02	10.4	0.3	<0.05	6.8	9.50	25.5	0.03	22	0.8	7.3	<10	3	1228	2.56			21.3	30.3
2697670	Drill Core		0.16	<0.02	11.7	0.2	<0.05	7.5	7.96	30.8	0.03	22	0.8	9.3	<10	<2	1196	2.50			21.4	30.4
2697671	Drill Core		0.18	<0.02	12.8	0.2	<0.05	8.6	8.88	31.3	<0.02	28	0.9	14.8	<10	<2	1189	2.51			23.6	39.4
2697672	Drill Core		0.25	<0.02	10.2	0.3	<0.05	12.0	12.12	29.1	<0.02	32	0.7	33.8	<10	<2	957	2.61			34.3	52.7
2697673	Drill Core		0.16	<0.02	9.4	0.2	<0.05	9.0	9.94	30.1	<0.02	14	0.6	43.2	<10	<2	904	2.47			31.3	18.6
2697674	Drill Core		0.18	<0.02	10.4	0.2	<0.05	9.4	7.81	34.9	<0.02	19	0.7	8.7	<10	<2	1044	2.47			34.9	24.6

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%
	MDL	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	0.5	0.5	0.01
2696995	Drill Core	20.1	89	<0.5	32.2	6.5	208	1.21	<5	0.9	4.7	48	<0.5	1.3	<0.5	<10	4.49	0.019	24.9	5.4	1.20
2696996	Drill Core	24.6	206	<0.5	40.7	11.7	238	1.35	<5	1.2	5.7	35	3.2	1.7	<0.5	13	3.78	0.022	23.9	7.3	0.74
2696997	Drill Core	46.9	3971	<0.5	57.8	29.4	371	1.96	5	1.5	4.8	92	62.5	2.6	<0.5	20	4.33	0.021	12.4	6.6	1.82
2696998	Drill Core	276.3	34678	0.5	41.7	11.3	144	1.37	<5	1.5	1.6	43	333.8	2.1	<0.5	11	4.20	0.014	6.2	4.6	0.04
2696999	Rock Pulp	2.9	36	<0.5	5.4	8.4	380	2.49	<5	0.9	2.4	73	<0.5	<0.5	<0.5	90	0.81	0.059	6.7	10.0	0.72
2697650	Drill Core	6654.2	8992	0.7	49.8	11.2	282	1.04	<5	2.3	<0.5	254	127.3	1.6	<0.5	<10	22.11	0.007	2.1	1.7	0.08
2697651	Drill Core	310.5	3590	<0.5	32.2	7.9	430	0.72	<5	3.2	0.7	197	92.5	0.8	<0.5	<10	34.23	0.004	4.5	1.5	0.10
2697652	Drill Core	415.8	14483	<0.5	50.4	11.7	292	1.06	<5	2.2	<0.5	166	131.8	1.0	<0.5	<10	21.47	0.006	1.7	1.2	0.06
2697653	Drill Core	311.7	15814	<0.5	48.9	10.8	287	1.19	<5	3.0	<0.5	177	168.8	1.3	<0.5	13	28.93	0.008	1.8	1.5	0.09
2697654	Drill Core	35.3	1235	<0.5	4.6	1.1	173	0.13	<5	1.3	<0.5	177	12.3	<0.5	<0.5	<10	35.41	0.003	0.9	0.6	0.11
2697655	Drill Core	225.1	6469	<0.5	58.8	11.3	299	1.06	<5	1.7	<0.5	146	109.6	0.9	<0.5	<10	25.05	0.005	1.2	1.7	0.08
2697656	Drill Core	9959.5	1649	0.5	45.1	9.4	213	1.26	<5	3.2	<0.5	178	38.2	1.6	<0.5	10	20.66	0.012	1.4	1.8	0.08
2697657	Drill Core	1228.1	2205	<0.5	82.8	13.5	231	1.98	<5	5.3	<0.5	163	44.0	3.8	<0.5	20	25.05	0.015	2.1	1.8	0.08
2697658	Drill Core	582.0	3388	<0.5	108.3	21.2	276	2.18	<5	4.0	<0.5	110	89.5	2.7	<0.5	22	31.10	0.010	1.5	2.5	0.09
2697659	Rock Pulp	15815.6	30424	101.0	30.7	23.5	952	8.76	564	1.0	1.0	37	195.4	156.2	10.6	35	1.60	0.044	6.6	45.8	1.54
2697660	Drill Core	49.5	163	<0.5	9.2	1.0	146	0.19	<5	1.3	<0.5	230	9.5	<0.5	<0.5	14	37.71	<0.001	0.8	1.3	0.15
2697661	Drill Core	7.1	116	<0.5	3.5	0.7	143	0.12	<5	1.3	<0.5	210	1.7	<0.5	<0.5	12	37.92	0.001	0.5	2.0	0.15
2697662	Drill Core	14.6	272	<0.5	13.1	1.2	127	0.31	<5	2.3	<0.5	246	8.9	0.6	<0.5	<10	37.67	0.003	0.7	1.9	0.19
2697663	Drill Core	17.3	153	0.6	58.5	7.2	16	1.19	20	4.8	4.1	11	2.5	15.0	<0.5	89	0.14	0.044	13.0	7.7	0.02
2697664	Drill Core	99.7	254	1.9	138.0	7.3	22	9.76	140	8.1	3.7	14	1.5	60.5	<0.5	134	0.26	0.068	8.1	8.5	0.02
2697665	Drill Core	27.5	79	1.0	62.6	7.0	14	1.62	23	2.0	4.5	12	1.7	17.4	<0.5	64	0.09	0.040	12.6	6.9	0.02
2697666	Drill Core	21.9	975	1.2	88.0	8.3	44	1.80	44	3.7	5.1	9	15.9	23.6	<0.5	91	0.13	0.043	20.9	8.6	0.15
2697667	Drill Core	165.8	473	7.1	125.4	10.5	73	17.83	222	2.9	4.3	11	6.9	94.1	<0.5	76	0.12	0.037	14.0	7.8	0.17
2697668	Drill Core	17.9	1179	1.1	66.4	8.9	55	1.78	17	2.7	4.9	11	19.9	15.2	<0.5	67	0.11	0.038	20.6	7.2	0.08
2697669	Pulp DUP	17.7	1185	1.1	69.0	9.1	52	1.80	16	2.7	4.7	11	20.6	15.7	<0.5	68	0.11	0.046	21.6	7.7	0.08
2697670	Drill Core	14.0	573	0.7	61.0	6.8	32	1.64	17	2.4	5.2	9	8.6	12.6	<0.5	61	0.14	0.044	25.6	7.6	0.10
2697671	Drill Core	15.2	403	0.7	71.6	7.7	57	2.47	19	2.9	5.7	9	3.3	12.1	<0.5	72	0.13	0.041	24.5	9.8	0.16
2697672	Drill Core	34.9	76	1.3	91.5	9.4	95	4.67	44	6.1	6.2	61	0.6	24.8	<0.5	54	1.05	0.055	21.4	10.6	0.39
2697673	Drill Core	12.8	263	<0.5	58.1	7.2	132	2.43	12	4.2	5.6	80	<0.5	7.8	<0.5	70	1.35	0.039	22.3	12.1	0.55
2697674	Drill Core	11.6	78	<0.5	67.7	6.9	34	1.24	17	5.5	6.8	10	<0.5	7.7	<0.5	39	0.12	0.057	26.3	6.4	0.09

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
2696995	Drill Core	678	0.002	0.29	<0.01	0.18	<0.5	0.13	4.0	<0.5	<0.05	<5	<2
2696996	Drill Core	542	0.001	0.33	<0.01	0.20	<0.5	0.15	3.6	<0.5	<0.05	<5	<2
2696997	Drill Core	593	<0.001	0.32	<0.01	0.10	<0.5	1.82	2.5	<0.5	<0.05	<5	<2
2696998	Drill Core	1592	0.001	0.22	<0.01	0.08	<0.5	5.87	0.6	<0.5	<0.05	<5	<2
2696999	Rock Pulp	117	0.123	1.56	0.17	0.19	2.4	<0.05	2.6	<0.5	<0.05	<5	<2
2697650	Drill Core	2109	<0.001	0.09	<0.01	0.01	<0.5	3.23	2.4	<0.5	<0.05	<5	<2
2697651	Drill Core	1193	<0.001	0.04	<0.01	<0.01	<0.5	0.95	3.7	<0.5	<0.05	<5	<2
2697652	Drill Core	3716	<0.001	0.08	<0.01	<0.01	<0.5	2.03	1.5	<0.5	<0.05	<5	<2
2697653	Drill Core	526	<0.001	0.17	<0.01	<0.01	<0.5	2.54	1.6	<0.5	<0.05	<5	<2
2697654	Drill Core	232	<0.001	0.01	<0.01	<0.01	<0.5	0.45	0.6	<0.5	<0.05	<5	<2
2697655	Drill Core	827	<0.001	0.08	<0.01	<0.01	<0.5	2.80	2.7	<0.5	<0.05	<5	<2
2697656	Drill Core	>5000	<0.001	0.32	<0.01	<0.01	<0.5	4.73	1.6	<0.5	<0.05	<5	<2
2697657	Drill Core	>5000	<0.001	0.50	<0.01	0.01	<0.5	1.88	1.6	<0.5	<0.05	<5	<2
2697658	Drill Core	343	<0.001	0.28	<0.01	0.01	<0.5	0.83	0.7	<0.5	<0.05	<5	<2
2697659	Rock Pulp	213	0.010	1.35	0.01	0.13	0.6	7.80	3.6	8.1	7.97	7	34
2697660	Drill Core	182	<0.001	0.02	<0.01	0.01	<0.5	0.16	<0.5	<0.5	<0.05	<5	<2
2697661	Drill Core	141	<0.001	0.02	<0.01	0.03	<0.5	0.12	<0.5	<0.5	<0.05	<5	<2
2697662	Drill Core	543	<0.001	0.01	<0.01	<0.01	<0.5	0.18	<0.5	<0.5	<0.05	<5	<2
2697663	Drill Core	295	0.002	0.46	<0.01	0.29	<0.5	0.11	1.7	1.0	1.26	<5	10
2697664	Drill Core	277	0.002	0.47	<0.01	0.24	<0.5	0.22	2.0	1.2	10.81	<5	26
2697665	Drill Core	343	0.002	0.45	<0.01	0.29	<0.5	0.16	1.8	0.7	1.75	<5	17
2697666	Drill Core	130	0.002	0.61	<0.01	0.26	<0.5	0.18	1.7	0.9	1.49	<5	24
2697667	Drill Core	124	0.002	0.59	<0.01	0.18	<0.5	0.59	1.7	1.5	20.02	<5	69
2697668	Drill Core	143	0.001	0.51	<0.01	0.22	<0.5	0.16	1.9	0.6	1.55	<5	18
2697669	Pulp DUP	144	0.002	0.52	<0.01	0.23	<0.5	0.16	1.4	0.6	1.57	<5	20
2697670	Drill Core	133	0.002	0.54	<0.01	0.25	<0.5	0.11	1.6	0.6	1.53	<5	14
2697671	Drill Core	134	0.002	0.64	<0.01	0.25	<0.5	0.13	2.2	0.7	2.15	<5	18
2697672	Drill Core	123	0.002	0.85	<0.01	0.22	<0.5	0.14	2.8	1.2	4.47	<5	15
2697673	Drill Core	107	0.002	0.97	<0.01	0.22	<0.5	<0.05	3.0	0.7	1.32	<5	<2
2697674	Drill Core	111	0.002	0.49	<0.01	0.21	<0.5	0.05	1.3	0.8	1.08	<5	2

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
2697675	Drill Core	1.57	27.70	29.08	10.78	93.9	243	68.8	8.5	46	1.49	14.5	3.4	<0.2	4.8	12.9	0.09	3.25	0.17	36	0.21
2697676	Drill Core	2.95	35.95	35.61	16.86	505.7	2301	70.9	7.1	29	1.38	31.4	5.0	1.0	5.0	7.8	7.05	8.86	0.18	93	0.11
2697677	Drill Core	2.25	24.71	87.07	40.37	800.8	5129	91.9	8.2	67	7.50	68.3	3.1	0.6	4.1	13.0	10.54	16.85	0.14	69	0.25
2697678	Drill Core	2.58	27.23	63.29	29.00	876.1	4804	95.0	7.7	39	2.79	129.5	2.6	1.5	4.8	9.5	12.73	15.10	0.20	65	0.13
2697679	Rock Pulp	0.02	1.44	46.32	2.64	30.6	43	4.8	7.4	342	2.45	0.6	0.7	2.3	2.2	56.9	0.04	0.03	0.08	86	0.68
2697680	Drill Core	3.89	20.66	35.09	8.80	426.7	5370	69.2	6.1	86	2.14	12.9	1.4	1.1	3.0	95.7	5.55	4.40	0.17	74	1.67
2697681	Drill Core	2.85	17.63	54.21	7.67	591.5	6151	59.2	6.3	33	1.53	10.7	1.6	0.9	3.4	29.9	8.09	4.16	0.18	46	0.54
2697682	Drill Core	1.66	18.64	59.82	26.32	189.0	9761	101.7	11.2	105	4.10	75.2	2.4	0.4	2.7	139.0	2.32	11.27	0.16	100	2.32
2697683	Drill Core	2.94	18.72	35.97	7.27	141.7	5630	55.8	5.8	26	1.42	9.9	1.4	2.0	3.1	25.4	1.91	3.35	0.17	42	0.40
2697684	Drill Core	3.35	16.92	61.34	22.54	104.8	13131	68.2	7.8	49	2.87	81.2	1.5	0.8	3.2	48.5	1.20	6.99	0.17	50	0.88
2697685	Drill Core	2.65	14.74	26.71	8.42	111.9	5953	59.2	6.1	78	1.92	10.5	1.3	<0.2	2.8	96.8	1.30	3.93	0.13	71	1.72
2697686	Drill Core	2.95	16.32	27.60	8.42	139.7	5564	63.9	6.1	95	2.01	8.2	1.6	0.2	3.1	121.5	1.71	3.79	0.14	76	2.35
2697687	Drill Core	4.08	14.26	45.37	7.92	456.6	6384	59.4	6.8	72	1.87	11.0	1.5	0.3	3.2	95.6	6.17	3.42	0.15	63	1.71
2697688	Drill Core	2.80	14.99	42.42	5.62	399.7	11386	54.6	5.5	32	1.23	5.4	1.2	<0.2	3.2	32.4	5.37	2.74	0.16	43	0.55
2697689	Core DUP		14.75	42.28	5.47	366.8	11553	54.1	5.4	31	1.25	5.0	1.2	0.3	3.3	31.9	4.87	2.43	0.15	44	0.55
2697690	Drill Core	3.47	14.42	30.15	8.98	308.8	4519	61.0	6.7	91	1.91	9.5	1.5	<0.2	2.9	129.5	3.95	4.48	0.14	62	2.64
2697691	Drill Core	3.33	15.32	29.30	9.20	129.3	5307	61.2	7.0	48	1.98	8.2	1.6	<0.2	3.3	56.5	1.51	4.46	0.16	59	1.11
2697692	Drill Core	4.00	14.70	44.90	7.22	345.1	7799	60.1	6.7	49	1.58	8.9	1.9	<0.2	3.0	59.0	4.50	3.66	0.14	55	1.17
2697693	Drill Core	4.24	15.01	39.71	5.65	209.4	9329	50.5	5.5	37	1.23	6.0	1.5	0.7	3.4	44.2	2.67	2.67	0.17	46	0.82

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
2697675	Drill Core	0.043	17.2	6.2	0.15	87.6	<0.001	<20	0.49	0.004	0.17	<0.1	1.4	0.45	1.19	87	3.0	0.07	1.2	1.79	<0.1
2697676	Drill Core	0.038	14.7	6.9	0.13	92.9	<0.001	<20	0.47	0.003	0.16	<0.1	1.7	0.73	1.16	170	26.4	0.12	1.2	2.42	<0.1
2697677	Drill Core	0.047	10.7	7.1	0.13	26.1	<0.001	<20	0.48	0.003	0.16	<0.1	1.8	0.53	7.64	235	58.2	0.09	1.1	2.10	0.3
2697678	Drill Core	0.044	13.2	7.8	0.14	68.4	<0.001	<20	0.49	0.004	0.17	<0.1	1.6	0.48	2.69	217	34.9	0.13	1.2	2.56	0.1
2697679	Rock Pulp	0.051	5.5	9.3	0.65	109.5	0.087	<20	1.29	0.129	0.18	1.9	1.7	0.04	<0.02	<5	<0.1	<0.02	4.1	0.26	<0.1
2697680	Drill Core	0.040	2.9	18.1	0.48	80.6	<0.001	<20	0.82	0.004	0.14	<0.1	1.8	0.24	1.19	129	13.9	0.11	1.9	1.87	<0.1
2697681	Drill Core	0.054	4.0	12.6	0.22	103.4	<0.001	<20	0.58	0.005	0.15	<0.1	1.6	0.24	1.08	139	13.4	0.13	1.3	2.06	<0.1
2697682	Drill Core	0.123	2.6	20.2	0.51	69.9	0.001	<20	0.88	0.005	0.14	<0.1	2.8	0.32	3.25	192	34.6	0.11	2.1	1.80	<0.1
2697683	Drill Core	0.044	4.1	11.0	0.18	72.9	<0.001	<20	0.49	0.004	0.14	<0.1	1.2	0.21	1.06	112	13.4	0.15	1.2	1.99	<0.1
2697684	Drill Core	0.066	2.7	15.4	0.26	87.4	<0.001	<20	0.62	0.004	0.15	<0.1	1.7	0.27	2.45	154	32.3	0.15	1.6	2.38	<0.1
2697685	Drill Core	0.057	2.8	20.6	0.39	64.5	<0.001	<20	0.77	0.004	0.13	<0.1	1.7	0.22	1.04	105	11.9	0.12	1.9	1.75	<0.1
2697686	Drill Core	0.075	3.2	21.9	0.47	79.3	<0.001	<20	0.85	0.004	0.15	<0.1	2.1	0.26	0.96	110	11.2	0.12	2.0	1.95	<0.1
2697687	Drill Core	0.058	3.0	17.8	0.36	85.1	<0.001	<20	0.72	0.004	0.14	<0.1	2.1	0.23	1.10	122	14.6	0.11	1.7	1.83	<0.1
2697688	Drill Core	0.043	4.4	13.4	0.25	87.7	<0.001	<20	0.59	0.004	0.15	<0.1	1.3	0.23	0.67	100	10.8	0.12	1.4	1.76	<0.1
2697689	Core DUP	0.043	4.5	13.9	0.25	88.1	<0.001	<20	0.61	0.004	0.15	<0.1	1.2	0.20	0.68	102	10.0	0.12	1.4	1.67	<0.1
2697690	Drill Core	0.097	3.5	16.4	0.31	90.9	<0.001	<20	0.72	0.005	0.15	<0.1	2.2	0.26	1.26	119	13.5	0.12	1.6	1.67	<0.1
2697691	Drill Core	0.081	3.6	17.4	0.32	84.2	<0.001	<20	0.74	0.004	0.16	<0.1	1.6	0.27	1.32	132	13.6	0.13	1.7	1.86	<0.1
2697692	Drill Core	0.084	3.9	17.1	0.29	77.4	<0.001	<20	0.69	0.004	0.15	<0.1	2.1	0.27	0.94	86	13.3	0.12	1.6	1.86	<0.1
2697693	Drill Core	0.057	4.6	14.1	0.23	77.0	<0.001	<20	0.56	0.004	0.16	<0.1	1.8	0.22	0.74	94	9.9	0.14	1.4	1.97	<0.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	LF301	SPG01	GC816	AQ371	AQ270	AQ270
		Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	SG	Zn	Pb	Mo	Cu
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm		%	%	ppm	ppm
		MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	10	0.01	1	0.1	0.5	0.5
2697675	Drill Core		0.21	<0.02	10.0	0.3	<0.05	9.9	7.56	31.4	<0.02	13	0.5	14.8	<10	<2	997	2.47			28.4	28.8
2697676	Drill Core		0.19	<0.02	10.8	0.3	<0.05	9.5	8.77	24.0	0.02	23	0.9	13.8	<10	4	1080	2.45			35.7	34.4
2697677	Drill Core		0.26	<0.02	10.0	0.2	<0.05	11.9	10.30	16.0	<0.02	19	0.7	14.8	<10	2	1086	2.65			26.3	86.7
2697678	Drill Core		0.19	<0.02	11.2	0.3	<0.05	9.5	8.86	19.8	0.04	26	0.9	15.8	<10	4	1268	2.53			27.7	63.4
2697679	Rock Pulp		0.04	0.09	5.9	0.2	<0.05	1.1	3.31	12.1	<0.02	<1	<0.1	4.8	<10	<2	568	I.S.			1.6	50.7
2697680	Drill Core		0.14	<0.02	8.9	0.2	<0.05	6.6	7.45	4.2	0.03	28	0.7	40.6	<10	3	870	2.44			22.3	34.4
2697681	Drill Core		0.13	<0.02	9.4	0.2	<0.05	7.3	6.91	5.9	0.03	26	0.8	23.4	<10	3	996	2.43			19.1	57.4
2697682	Drill Core		0.15	<0.02	9.4	0.2	<0.05	7.8	16.51	4.0	<0.02	25	0.6	40.5	<10	4	796	2.50			21.1	66.5
2697683	Drill Core		0.12	<0.02	9.0	0.2	<0.05	6.2	6.16	5.7	<0.02	31	0.7	17.9	<10	<2	939	2.41			20.9	36.8
2697684	Drill Core		0.15	<0.02	10.3	0.2	<0.05	7.2	9.23	3.9	<0.02	31	0.7	26.5	<10	3	905	2.43			17.5	65.9
2697685	Drill Core		0.12	<0.02	8.1	0.1	<0.05	5.2	7.48	3.9	<0.02	23	0.7	38.3	<10	3	779	2.45			18.4	30.2
2697686	Drill Core		0.10	<0.02	9.3	0.2	<0.05	5.4	9.83	4.4	<0.02	28	0.8	40.6	<10	2	817	2.45			17.5	31.2
2697687	Drill Core		0.10	<0.02	8.9	0.2	<0.05	5.4	7.81	4.3	0.04	31	0.6	32.2	<10	4	878	2.45			16.1	49.2
2697688	Drill Core		0.12	<0.02	9.5	0.2	<0.05	5.4	6.05	6.2	0.03	27	0.8	25.0	<10	3	979	2.45			15.6	45.8
2697689	Core DUP		0.10	<0.02	9.2	0.2	<0.05	5.3	6.17	6.3	0.03	28	0.7	24.2	<10	3	977	2.45			17.6	47.3
2697690	Drill Core		0.12	<0.02	9.1	0.2	<0.05	5.5	11.80	4.9	<0.02	26	0.4	30.6	<10	3	946	2.40			16.9	37.8
2697691	Drill Core		0.13	<0.02	9.6	0.2	<0.05	5.7	9.82	5.3	<0.02	28	0.7	31.6	<10	4	959	2.44			17.0	35.6
2697692	Drill Core		0.11	<0.02	9.6	0.2	<0.05	5.6	10.05	5.7	0.02	28	0.7	30.7	<10	2	915	2.47			16.5	51.2
2697693	Drill Core		0.11	<0.02	10.0	0.1	<0.05	5.7	7.61	7.0	<0.02	31	0.7	22.3	<10	3	943	2.40			15.8	40.7

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

		Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Analyte	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%
		MDL	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	0.5	0.5	0.01
2697675	Drill Core		11.1	97	<0.5	70.0	8.3	52	1.58	16	3.8	5.0	14	<0.5	7.8	<0.5	40	0.21	0.043	22.9	6.2	0.17
2697676	Drill Core		17.0	523	2.4	75.0	7.6	31	1.47	33	5.6	5.0	9	6.4	19.4	<0.5	112	0.12	0.039	19.4	8.2	0.14
2697677	Drill Core		44.5	880	5.6	92.9	8.6	77	7.68	71	3.6	5.1	16	11.1	34.8	<0.5	83	0.27	0.045	15.2	8.2	0.15
2697678	Drill Core		30.0	890	5.1	97.8	8.5	43	2.74	126	2.8	5.3	11	12.6	28.0	<0.5	73	0.13	0.048	16.1	8.3	0.16
2697679	Rock Pulp		3.0	35	<0.5	5.3	8.2	390	2.51	<5	0.8	2.6	72	<0.5	<0.5	<0.5	93	0.84	0.054	6.8	10.0	0.67
2697680	Drill Core		9.3	474	5.8	66.7	6.9	100	2.21	16	1.6	3.7	99	5.7	7.7	<0.5	83	1.70	0.039	9.6	20.2	0.51
2697681	Drill Core		7.9	632	6.3	63.0	6.5	36	1.58	11	1.8	4.1	34	7.7	7.1	<0.5	54	0.56	0.056	10.3	14.9	0.24
2697682	Drill Core		31.0	220	11.5	110.8	13.1	125	4.29	79	3.0	3.6	165	2.5	19.1	<0.5	113	2.40	0.134	8.3	23.3	0.54
2697683	Drill Core		7.8	158	6.1	59.6	5.6	27	1.44	12	1.6	3.7	29	2.0	7.1	<0.5	46	0.42	0.049	10.5	11.9	0.20
2697684	Drill Core		23.4	113	14.0	71.0	7.9	57	2.83	80	1.6	3.6	53	1.2	13.3	<0.5	55	0.92	0.066	8.1	16.3	0.28
2697685	Drill Core		9.4	135	6.4	68.3	6.8	92	2.08	13	1.5	3.8	115	1.4	6.5	<0.5	85	1.79	0.065	9.8	24.7	0.46
2697686	Drill Core		9.0	161	5.8	67.0	6.4	110	2.11	9	1.9	3.9	130	1.5	6.5	<0.5	90	2.45	0.077	10.7	27.2	0.50
2697687	Drill Core		8.5	506	6.8	65.4	7.5	82	1.95	10	1.7	4.1	104	6.2	6.1	<0.5	77	1.71	0.057	11.0	20.8	0.40
2697688	Drill Core		5.6	431	11.4	59.0	5.9	38	1.30	9	1.3	4.0	34	5.0	4.6	<0.5	49	0.58	0.045	11.6	15.3	0.27
2697689	Core DUP		5.9	401	12.2	60.2	6.1	36	1.30	<5	1.3	4.0	38	5.0	4.9	<0.5	50	0.57	0.051	12.7	16.0	0.28
2697690	Drill Core		12.3	361	5.2	65.5	8.5	108	2.09	11	1.7	4.0	144	4.4	7.7	<0.5	75	2.87	0.110	11.6	19.8	0.37
2697691	Drill Core		9.9	149	5.5	69.5	7.8	56	2.03	9	1.7	3.8	63	1.5	7.4	<0.5	70	1.12	0.080	11.5	19.7	0.36
2697692	Drill Core		7.8	393	8.4	64.4	7.6	56	1.69	9	2.1	3.8	64	4.3	6.5	<0.5	67	1.22	0.088	11.3	19.9	0.33
2697693	Drill Core		5.5	212	9.5	54.4	5.6	41	1.26	8	1.4	3.8	46	2.7	4.7	<0.5	52	0.82	0.061	12.1	15.4	0.24

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

CERTIFICATE OF ANALYSIS VAN18002475.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
2697675	Drill Core	106	0.001	0.58	<0.01	0.20	<0.5	0.06	1.6	0.8	1.23	<5	3
2697676	Drill Core	111	0.002	0.58	<0.01	0.21	<0.5	0.18	2.0	1.2	1.21	<5	26
2697677	Drill Core	197	0.001	0.59	<0.01	0.20	<0.5	0.29	1.7	0.9	8.38	<5	63
2697678	Drill Core	281	0.001	0.55	<0.01	0.23	<0.5	0.21	2.8	0.7	2.74	<5	31
2697679	Rock Pulp	123	0.124	1.46	0.15	0.20	1.9	<0.05	2.9	<0.5	<0.05	5	<2
2697680	Drill Core	103	0.001	0.91	<0.01	0.18	<0.5	0.18	2.9	<0.5	1.21	<5	13
2697681	Drill Core	120	0.001	0.66	<0.01	0.21	<0.5	0.11	2.1	<0.5	1.13	<5	13
2697682	Drill Core	127	0.002	0.97	<0.01	0.19	<0.5	0.15	4.2	<0.5	3.44	<5	37
2697683	Drill Core	91	0.001	0.55	<0.01	0.18	<0.5	0.10	1.6	<0.5	1.08	<5	13
2697684	Drill Core	123	0.001	0.68	<0.01	0.19	<0.5	0.21	1.8	<0.5	2.51	<5	32
2697685	Drill Core	86	0.002	0.91	<0.01	0.18	<0.5	0.12	4.0	<0.5	1.14	<5	12
2697686	Drill Core	98	0.002	0.97	<0.01	0.19	<0.5	0.08	4.6	<0.5	1.01	<5	12
2697687	Drill Core	111	0.001	0.86	<0.01	0.20	<0.5	0.12	4.0	<0.5	1.14	<5	14
2697688	Drill Core	103	0.001	0.68	<0.01	0.20	<0.5	0.14	1.7	<0.5	0.71	<5	9
2697689	Core DUP	112	0.001	0.69	<0.01	0.20	<0.5	0.09	2.9	<0.5	0.69	<5	9
2697690	Drill Core	121	0.002	0.86	<0.01	0.20	<0.5	0.12	3.5	<0.5	1.34	<5	14
2697691	Drill Core	107	0.002	0.84	<0.01	0.21	<0.5	0.14	3.8	<0.5	1.37	<5	14
2697692	Drill Core	95	0.002	0.81	<0.01	0.20	<0.5	<0.05	3.7	<0.5	1.01	<5	13
2697693	Drill Core	91	0.001	0.64	<0.01	0.21	<0.5	0.11	2.5	<0.5	0.76	<5	9

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																						
2697659	Rock Pulp		0.07	20.21	3928.22	>10000	>10000	>100000	30.6	22.6	878	8.58	517.9	0.9	196.5	0.6	30.6	175.04	93.34	9.36	33	1.48
REP 2697659	QC																					
2697660	Drill Core		3.80	1.18	1.34	41.84	110.4	21	4.6	0.8	113	0.16	1.2	1.0	<0.2	<0.1	198.2	8.54	0.27	<0.02	10	32.84
REP 2697660	QC																					
2697677	Drill Core		2.25	24.71	87.07	40.37	800.8	5129	91.9	8.2	67	7.50	68.3	3.1	0.6	4.1	13.0	10.54	16.85	0.14	69	0.25
REP 2697677	QC			24.65	88.96	41.39	807.6	5116	92.8	8.1	68	7.48	69.7	3.3	0.3	4.2	13.0	10.78	17.18	0.15	70	0.25
2697685	Drill Core		2.65	14.74	26.71	8.42	111.9	5953	59.2	6.1	78	1.92	10.5	1.3	<0.2	2.8	96.8	1.30	3.93	0.13	71	1.72
REP 2697685	QC																					
2697693	Drill Core		4.24	15.01	39.71	5.65	209.4	9329	50.5	5.5	37	1.23	6.0	1.5	0.7	3.4	44.2	2.67	2.67	0.17	46	0.82
REP 2697693	QC			14.20	36.62	5.32	197.7	9008	47.1	5.3	35	1.18	5.6	1.3	<0.2	3.1	42.3	2.58	2.76	0.15	45	0.79
REP 2697660	QC																					
Core Reject Duplicates																						
2697661	Drill Core		3.19	0.80	0.73	6.74	76.9	10	3.4	0.6	100	0.10	0.7	1.2	<0.2	<0.1	184.5	1.24	0.18	<0.02	7	33.11
DUP 2697661	QC			0.80	0.63	6.64	76.6	10	3.8	0.6	104	0.11	0.8	1.2	<0.2	<0.1	190.0	1.36	0.19	<0.02	7	33.78
Reference Materials																						
STD CCU-1E	Standard																					
STD CZN-4	Standard																					
STD CZN-4	Standard																					
STD CZN-4	Standard																					
STD DS11	Standard			14.69	146.31	140.79	310.3	2027	76.5	13.1	1008	3.06	44.5	2.3	98.0	7.0	60.2	2.33	6.46	10.72	48	1.00
STD DS11	Standard			13.47	137.41	137.14	325.6	1647	73.6	12.7	1000	2.99	43.2	2.3	91.9	6.7	59.3	2.33	6.17	10.86	48	0.99
STD GBM398-4-AR	Standard																					
STD GBM398-4-AR	Standard																					
STD GBM398-4-AR	Standard																					
STD GBM997-6	Standard																					
STD OREAS45EA	Standard			1.59	688.76	12.27	25.9	248	374.7	46.5	384	20.30	10.3	1.5	50.0	8.6	3.3	<0.01	0.34	0.22	299	0.04
STD OREAS45EA	Standard			1.44	700.11	12.70	28.4	240	374.4	47.5	383	20.94	10.2	1.5	51.3	8.7	3.3	0.01	0.23	0.20	301	0.04
STD OREAS605	Standard																					

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																						
2697659	Rock Pulp		0.038	3.0	38.7	1.51	44.8	0.007	<20	1.33	0.009	0.11	0.6	2.9	6.99	7.24	6838	35.3	0.27	6.3	0.40	0.3
REP 2697659	QC																					
2697660	Drill Core		<0.001	0.7	0.6	0.12	165.4	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.3	<0.02	<0.02	168	0.1	<0.02	<0.1	0.03	<0.1
REP 2697660	QC																					
2697677	Drill Core		0.047	10.7	7.1	0.13	26.1	<0.001	<20	0.48	0.003	0.16	<0.1	1.8	0.53	7.64	235	58.2	0.09	1.1	2.10	0.3
REP 2697677	QC		0.048	10.8	6.9	0.13	26.1	<0.001	<20	0.47	0.003	0.16	<0.1	1.8	0.55	7.63	254	57.7	0.11	1.2	2.16	0.2
2697685	Drill Core		0.057	2.8	20.6	0.39	64.5	<0.001	<20	0.77	0.004	0.13	<0.1	1.7	0.22	1.04	105	11.9	0.12	1.9	1.75	<0.1
REP 2697685	QC																					
2697693	Drill Core		0.057	4.6	14.1	0.23	77.0	<0.001	<20	0.56	0.004	0.16	<0.1	1.8	0.22	0.74	94	9.9	0.14	1.4	1.97	<0.1
REP 2697693	QC		0.053	4.3	13.0	0.20	73.4	<0.001	<20	0.54	0.004	0.15	<0.1	1.6	0.25	0.72	92	9.5	0.11	1.2	1.94	<0.1
REP 2697660	QC																					
Core Reject Duplicates																						
2697661	Drill Core		<0.001	<0.5	0.6	0.12	138.3	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	126	<0.1	<0.02	<0.1	0.04	<0.1
DUP 2697661	QC		<0.001	0.5	0.6	0.12	145.3	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.3	<0.02	0.02	130	<0.1	<0.02	<0.1	0.04	<0.1
Reference Materials																						
STD CCU-1E	Standard																					
STD CZN-4	Standard																					
STD CZN-4	Standard																					
STD CZN-4	Standard																					
STD DS11	Standard		0.069	15.7	56.7	0.80	337.7	0.077	<20	1.08	0.067	0.38	2.6	3.1	4.70	0.28	236	2.0	4.57	4.8	2.82	<0.1
STD DS11	Standard		0.067	15.9	54.1	0.79	345.8	0.077	<20	1.09	0.068	0.39	2.5	3.1	4.65	0.28	218	2.2	4.52	4.9	2.81	<0.1
STD GBM398-4-AR	Standard																					
STD GBM398-4-AR	Standard																					
STD GBM398-4-AR	Standard																					
STD GBM997-6	Standard																					
STD OREAS45EA	Standard		0.027	6.1	884.4	0.08	135.4	0.082	<20	3.21	0.015	0.05	<0.1	76.3	0.05	0.04	7	0.8	0.07	11.7	0.68	0.3
STD OREAS45EA	Standard		0.026	6.4	899.7	0.09	140.3	0.084	<20	3.27	0.015	0.06	<0.1	75.9	0.05	0.04	17	0.7	0.07	12.4	0.70	0.2
STD OREAS605	Standard																					

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	LF301	SPG01	GC816	AQ371	AQ270	AQ270
		Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	SG	Zn	Pb	Mo	Cu
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm		%	%	ppm	ppm
		MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	10	0.01	1	0.1	0.5	0.5
Pulp Duplicates																						
2697659	Rock Pulp		0.10	0.03	3.4	13.7	<0.05	2.8	4.25	6.0	1.97	17	0.1	15.8	<10	<2	694	2.96	3.26	1.5	21.5	3899.8
REP 2697659	QC																		3.12			
2697660	Drill Core		<0.02	<0.02	0.2	<0.1	<0.05	0.7	3.65	1.2	<0.02	1	<0.1	0.4	<10	2	193	2.69			1.2	1.5
REP 2697660	QC																195					
2697677	Drill Core		0.26	<0.02	10.0	0.2	<0.05	11.9	10.30	16.0	<0.02	19	0.7	14.8	<10	2	1086	2.65			26.3	86.7
REP 2697677	QC		0.26	<0.02	10.2	0.3	<0.05	11.9	10.53	16.6	0.03	18	0.7	14.1	<10	4						
2697685	Drill Core		0.12	<0.02	8.1	0.1	<0.05	5.2	7.48	3.9	<0.02	23	0.7	38.3	<10	3	779	2.45			18.4	30.2
REP 2697685	QC																778				17.6	31.6
2697693	Drill Core		0.11	<0.02	10.0	0.1	<0.05	5.7	7.61	7.0	<0.02	31	0.7	22.3	<10	3	943	2.40			15.8	40.7
REP 2697693	QC		0.11	<0.02	9.6	0.2	<0.05	5.2	7.06	6.4	<0.02	29	0.5	20.0	<10	3						
REP 2697660	QC																				1.3	2.8
Core Reject Duplicates																						
2697661	Drill Core		<0.02	<0.02	0.3	<0.1	<0.05	0.9	2.90	0.8	<0.02	<1	<0.1	0.5	<10	<2	191	2.68			0.9	1.3
DUP 2697661	QC		<0.02	<0.02	0.3	<0.1	<0.05	0.9	2.99	0.9	<0.02	<1	0.1	0.4	<10	<2	190	2.69			0.8	1.6
Reference Materials																						
STD CCU-1E	Standard																			0.7		
STD CZN-4	Standard																			0.2		
STD CZN-4	Standard																		54.87			
STD CZN-4	Standard																		55.04			
STD DS11	Standard		0.06	1.11	33.5	1.6	<0.05	2.6	7.29	33.9	0.23	47	0.6	22.0	115	172						
STD DS11	Standard		0.06	1.23	32.6	1.6	<0.05	2.5	7.14	34.0	0.23	47	0.8	22.8	107	175						
STD GBM398-4-AR	Standard																				906.8	3820.9
STD GBM398-4-AR	Standard																				887.9	3827.7
STD GBM398-4-AR	Standard																				912.1	4004.2
STD GBM997-6	Standard																			23.2		
STD OREAS45EA	Standard		0.56	0.07	7.1	0.8	<0.05	21.4	4.95	15.9	0.07	<1	0.4	2.4	54	95						
STD OREAS45EA	Standard		0.63	0.08	7.1	0.9	<0.05	23.4	5.00	16.7	0.10	<1	0.3	2.3	55	104						
STD OREAS605	Standard																				4.6	48323.3

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%
	MDL	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	0.5	0.5	0.01
Pulp Duplicates																					
2697659	Rock Pulp	15815.6	30424	101.0	30.7	23.5	952	8.76	564	1.0	1.0	37	195.4	156.2	10.6	35	1.60	0.044	6.6	45.8	1.54
REP 2697659	QC																				
2697660	Drill Core	49.5	163	<0.5	9.2	1.0	146	0.19	<5	1.3	<0.5	230	9.5	<0.5	<0.5	14	37.71	<0.001	0.8	1.3	0.15
REP 2697660	QC																				
2697677	Drill Core	44.5	880	5.6	92.9	8.6	77	7.68	71	3.6	5.1	16	11.1	34.8	<0.5	83	0.27	0.045	15.2	8.2	0.15
REP 2697677	QC																				
2697685	Drill Core	9.4	135	6.4	68.3	6.8	92	2.08	13	1.5	3.8	115	1.4	6.5	<0.5	85	1.79	0.065	9.8	24.7	0.46
REP 2697685	QC	9.6	132	6.5	67.2	7.0	96	2.08	11	1.5	3.9	113	1.3	6.4	<0.5	85	1.80	0.065	10.6	24.9	0.47
2697693	Drill Core	5.5	212	9.5	54.4	5.6	41	1.26	8	1.4	3.8	46	2.7	4.7	<0.5	52	0.82	0.061	12.1	15.4	0.24
REP 2697693	QC																				
REP 2697660	QC	54.0	183	<0.5	9.4	1.0	148	0.19	<5	1.4	<0.5	225	10.2	<0.5	<0.5	13	36.89	<0.001	0.7	0.8	0.16
Core Reject Duplicates																					
2697661	Drill Core	7.1	116	<0.5	3.5	0.7	143	0.12	<5	1.3	<0.5	210	1.7	<0.5	<0.5	12	37.92	0.001	0.5	2.0	0.15
DUP 2697661	QC	7.9	132	<0.5	2.7	0.7	143	0.12	<5	1.7	<0.5	240	1.9	<0.5	<0.5	11	37.45	0.002	0.6	0.7	0.15
Reference Materials																					
STD CCU-1E	Standard																				
STD CZN-4	Standard																				
STD CZN-4	Standard																				
STD CZN-4	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD GBM398-4-AR	Standard	11131.5	5238	49.9	4120.0	1939.7	5144	3.75	6	0.7	0.8	13	9.3	6.8	12.7	25	0.34	0.022	2.6	1968.0	0.13
STD GBM398-4-AR	Standard	11736.0	5138	45.8	4095.9	1900.6	5370	3.88	6	0.6	0.8	13	9.2	7.2	11.9	28	0.32	0.020	2.5	1950.5	0.12
STD GBM398-4-AR	Standard	11725.0	5181	49.8	4505.3	1940.6	5193	3.79	7	0.7	0.9	12	10.4	7.3	12.5	18	0.34	0.019	2.6	1859.8	0.13
STD GBM997-6	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS605	Standard	861.5	2152	980.8	1552.3	98.8	85	3.60	1669	0.9	2.4	50	13.9	288.1	19.0	<10	0.18	0.010	7.9	27.1	0.03

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
Pulp Duplicates													
2697659	Rock Pulp	213	0.010	1.35	0.01	0.13	0.6	7.80	3.6	8.1	7.97	7	34
REP 2697659	QC												
2697660	Drill Core	182	<0.001	0.02	<0.01	0.01	<0.5	0.16	<0.5	<0.5	<0.05	<5	<2
REP 2697660	QC												
2697677	Drill Core	197	0.001	0.59	<0.01	0.20	<0.5	0.29	1.7	0.9	8.38	<5	63
REP 2697677	QC												
2697685	Drill Core	86	0.002	0.91	<0.01	0.18	<0.5	0.12	4.0	<0.5	1.14	<5	12
REP 2697685	QC	86	0.001	0.92	<0.01	0.18	<0.5	0.13	2.4	<0.5	1.14	<5	13
2697693	Drill Core	91	0.001	0.64	<0.01	0.21	<0.5	0.11	2.5	<0.5	0.76	<5	9
REP 2697693	QC												
REP 2697660	QC	185	<0.001	0.02	<0.01	<0.01	<0.5	0.22	<0.5	<0.5	<0.05	<5	<2
Core Reject Duplicates													
2697661	Drill Core	141	<0.001	0.02	<0.01	0.03	<0.5	0.12	<0.5	<0.5	<0.05	<5	<2
DUP 2697661	QC	167	<0.001	0.03	<0.01	0.01	<0.5	0.12	<0.5	<0.5	<0.05	<5	<2
Reference Materials													
STD CCU-1E	Standard												
STD CZN-4	Standard												
STD CZN-4	Standard												
STD CZN-4	Standard												
STD DS11	Standard												
STD DS11	Standard												
STD GBM398-4-AR	Standard	18	0.108	0.46	0.24	0.09	2.8	3.07	3.7	<0.5	0.93	<5	<2
STD GBM398-4-AR	Standard	18	0.108	0.50	0.25	0.12	2.5	3.03	1.6	<0.5	0.96	<5	3
STD GBM398-4-AR	Standard	20	0.111	0.53	0.26	0.11	3.1	3.18	2.0	<0.5	0.94	<5	2
STD GBM997-6	Standard												
STD OREAS45EA	Standard												
STD OREAS45EA	Standard												
STD OREAS605	Standard	141	0.010	0.70	0.03	0.13	6.9	1.70	2.8	16.4	7.91	6	79

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
STD OREAS927-AR	Standard																				
STD PTC-1A	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD OREAS45EA Expected			1.6	709	14.3	31.4	260	381	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.32	0.26	303	0.036
STD DS11 Expected			13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD GBM997-6 Expected																					
STD CCU-1E Expected																					
STD CZN-4 Expected																					
STD OREAS605 Expected																					
STD GBM398-4-AR Expected																					
STD OREAS927-AR Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank		0.01	0.07	0.04	0.3	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.02	0.03	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		0.65	4.94	1.22	27.7	9	2.1	3.9	431	1.82	1.1	0.4	2.3	2.1	22.8	0.02	<0.02	0.04	23	0.61
ROCK-VAN	Prep Blank		0.63	8.56	1.58	33.3	11	1.8	3.6	424	1.76	1.2	0.4	2.2	1.9	21.8	0.03	0.02	0.04	23	0.58

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		AQ250 P % 0.001	AQ250 La ppm 0.5	AQ250 Cr ppm 0.5	AQ250 Mg % 0.01	AQ250 Ba ppm 0.5	AQ250 Ti % 0.001	AQ250 B ppm 20	AQ250 Al % 0.01	AQ250 Na % 0.001	AQ250 K % 0.01	AQ250 W ppm 0.1	AQ250 Sc ppm 0.1	AQ250 Tl ppm 0.02	AQ250 S % 0.02	AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02	AQ250 Ga ppm 0.1	AQ250 Cs ppm 0.02	AQ250 Ge ppm 0.1
STD OREAS927-AR	Standard																				
STD PTC-1A	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.32	0.02	0.053		78	0.072	0.036	10	0.78	0.1	12.4	0.71	0.26
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7	2.88	0.08
STD GBM997-6 Expected																					
STD CCU-1E Expected																					
STD CZN-4 Expected																					
STD OREAS605 Expected																					
STD GBM398-4-AR Expected																					
STD OREAS927-AR Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	0.042	5.8	4.4	0.41	58.0	0.070	<20	0.86	0.093	0.09	<0.1	2.7	<0.02	<0.02	<5	<0.1	<0.02	3.7	0.20	<0.1
ROCK-VAN	Prep Blank	0.039	5.6	4.8	0.40	59.1	0.068	<20	0.80	0.072	0.08	<0.1	2.6	<0.02	<0.02	7	<0.1	<0.02	3.7	0.19	<0.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		AQ250 Hf ppm 0.02	AQ250 Nb ppm 0.02	AQ250 Rb ppm 0.1	AQ250 Sn ppm 0.1	AQ250 Ta ppm 0.05	AQ250 Zr ppm 0.1	AQ250 Y ppm 0.01	AQ250 Ce ppm 0.1	AQ250 In ppm 0.02	AQ250 Re ppb 1	AQ250 Be ppm 0.1	AQ250 Li ppm 0.1	AQ250 Pd ppb 10	AQ250 Pt ppb 2	LF301 Ba ppm 10	SPG01 SG 0.01	GC816 Zn % 1	AQ371 Pb % 0.1	AQ270 Mo ppm 0.5	AQ270 Cu ppm 0.5
STD OREAS927-AR	Standard																			1.1	10775.0
STD PTC-1A	Standard																		<0.1		
STD SO-19	Standard															470					
STD SO-19	Standard															466					
STD SO-19	Standard															466					
STD SO-19	Standard															470					
STD SO-19 Expected																486					
STD OREAS45EA Expected		0.68	0.09	7.9	0.94		23	5.09	17.7	0.09		0.41	2.37	66	108						
STD DS11 Expected		0.06	1.2	33.6	1.8		2.4	7.82	37	0.24	50	0.67	23.3	100	172						
STD GBM997-6 Expected																			23.75		
STD CCU-1E Expected																			0.703		
STD CZN-4 Expected																		55.24	0.1861		
STD OREAS605 Expected																				4.75	49800
STD GBM398-4-AR Expected																				917	3919
STD OREAS927-AR Expected																				1.06	10715
BLK	Blank															<10					
BLK	Blank															<10					
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank																		<0.1		
BLK	Blank																			<0.5	<0.5
BLK	Blank																			<0.5	<0.5
Prep Wash																					
ROCK-VAN	Prep Blank	0.12	0.12	2.0	0.3	<0.05	3.3	8.10	12.3	<0.02	<1	0.1	2.0	<10	<2	802	2.63			0.7	6.0
ROCK-VAN	Prep Blank	0.12	0.16	1.9	0.3	<0.05	3.1	7.87	11.6	<0.02	1	0.2	2.1	<10	<2	806	2.63			0.6	9.1

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		AQ270 Pb ppm 0.5	AQ270 Zn ppm 5	AQ270 Ag ppm 0.5	AQ270 Ni ppm 0.5	AQ270 Co ppm 0.5	AQ270 Mn ppm 5	AQ270 Fe % 0.01	AQ270 As ppm 5	AQ270 U ppm 0.5	AQ270 Th ppm 0.5	AQ270 Sr ppm 5	AQ270 Cd ppm 0.5	AQ270 Sb ppm 0.5	AQ270 Bi ppm 0.5	AQ270 V ppm 10	AQ270 Ca % 0.01	AQ270 P % 0.001	AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01
STD OREAS927-AR	Standard	223.9	691	4.3	31.5	31.0	1181	7.83	12	1.7	12.5	14	1.1	1.3	67.0	37	0.29	0.058	27.1	44.3	1.93
STD PTC-1A	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19 Expected																					
STD OREAS45EA Expected																					
STD DS11 Expected																					
STD GBM997-6 Expected																					
STD CCU-1E Expected																					
STD CZN-4 Expected																					
STD OREAS605 Expected		856	2170	984	1538	93	86	3.75	1613	0.95			12.9	228	16.7	8.33	0.182	0.0116	3.95	27.5	0.0289
STD GBM398-4-AR Expected		11750	5345	49.2	4135	1950	5260	3.95	6	0.7	0.8	13	9.2	7.2	12.9	24	0.34	0.02	2.8	1950	0.12
STD OREAS927-AR Expected		212	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	26.9	41.7	1.94
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.5	<0.5	<0.01
BLK	Blank	<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	<0.5	<0.5	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank	1.4	34	<0.5	2.0	4.1	535	1.85	<5	<0.5	2.5	30	<0.5	<0.5	<0.5	24	0.70	0.050	7.6	5.3	0.45
ROCK-VAN	Prep Blank	1.8	38	<0.5	1.5	3.9	469	1.84	<5	0.5	2.5	26	<0.5	<0.5	<0.5	23	0.66	0.044	6.6	4.6	0.44

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: **ZincX Resources Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver British Columbia V6E 3P3 Canada

Project: AKIE
Report Date: November 02, 2018

QUALITY CONTROL REPORT VAN18002475.2

		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
STD OREAS927-AR	Standard	47	0.082	3.33	<0.01	0.30	5.2	0.11	4.9	<0.5	1.70	10	16
STD PTC-1A	Standard												
STD SO-19	Standard												
STD SO-19	Standard												
STD SO-19	Standard												
STD SO-19	Standard												
STD SO-19 Expected													
STD OREAS45EA Expected													
STD DS11 Expected													
STD GBM997-6 Expected													
STD CCU-1E Expected													
STD CZN-4 Expected													
STD OREAS605 Expected		184.8	0.01	0.73	0.0328	0.134	5.9		1.05	15.3	7.86		75
STD GBM398-4-AR Expected		21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3
STD OREAS927-AR Expected		51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	1.0	<0.5	<0.05	<5	<2
BLK	Blank	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2
Prep Wash													
ROCK-VAN	Prep Blank	81	0.106	1.10	0.21	0.11	<0.5	<0.05	4.2	<0.5	<0.05	<5	<2
ROCK-VAN	Prep Blank	67	0.095	0.92	0.12	0.09	<0.5	<0.05	3.3	<0.5	<0.05	<5	<2