BRITISH COLUMBIA
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Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

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

TOTAL COST: $2,024,270.12

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: 2016.02.02 15:16:06 -05'00'

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Mines act Permit # MX-13-116 NOW: 1300263-201201, Ap

YEAR OF WORK: 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5581033/08 DEC 2015

PROPERTY NAME: Akie

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

COMMODITIES SOUGHT: Zn, Pb, Ag

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

MINING DIVISION: Omenica

NTS/BCGS: 094F07

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

OWNER(S):

1) Canada Zinc Metals 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) Canada Zinc Metals 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

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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	5,347.18m, 11 DDH, HQ/NQ	324825	$1,974,818.58
Non-core			
RELATED TECHNICAL			
Sampling/assaying	1119	324825	$49,451.54
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:	$2,024,270.12

TSX-V:CZX
CANADA ZINC
METALS CORP.

THE 2015 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:

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

By:

Nicholas Johnson B.Sc.H

15 Feb 2016

Summary

In early June of 2015 Canada Zinc Metals resumed exploration on the Akie property located in north eastern British Columbia. A substantial diamond drilling program continued to test the Cardiac Creek deposit. A total of 5,347.18 metres of drilling were completed in 11 drill holes. The expenditures from this work have been applied to the company's Kechika Trough tenure holdings including the Akie property.

The Akie property is located within the Kechika Trough which represents southern extension of the Selwyn Basin. The Selwyn Basin is host to numerous SEDEX-type mineral deposits. The Kechika Trough is bounded to the west and east by carbonates and shallow water clastic rocks of the Cassiar and MacDonald platforms, respectively. The Kechika Trough hosts a sequence of upper Devonian to Mississippian basinal facies clastic sedimentary rocks that are a regional target for SEDEX type zinc lead silver deposits. Deposits in the trough include the Cardiac Creek deposit with a NI 43-101 compliant indicated resource of 12.7 Mt at a 5% Zn cut-off grading 8.38% Zn, 1.68% Pb 13.7g/t Ag and inferred resource of 16.3 Mt grading 7.38% Zn, 1.34% Pb, 11.6g/t Ag, and the nearby Cirque deposit (non 43-101 compliant resource of 24.7 Mt grading 8.5% Zn, 2.3% Pb and 50.8g/t Ag (BC MINFILE). The most favourable horizon at Akie property is a stratiform barite-sulphide layer, hosted within upper Devonian shales of the Gunsteel formation. Mapping on the Akie property has identified a number of northwest-trending thrust panels of Gunsteel formation shales. These shales have been the target of exploration for SEDEX-type ore deposits 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. This early drilling outlined a historical, non NI 43-101 resource estimate of 12 Mt grading 8.6% Zn, 1.5% Pb and 17.1g/t Ag.

The Cardiac Creek showing is associated with a mineralized horizon that can be traced for several kilometres across the Akie property. The horizon is exposed on the western limb of a southeast-plunging anticline. The potentially economic portion, now referred to as the Cardiac Creek deposit is a southeast-striking, tabular, stratibound sulphide body dipping approximately 70° southwest, centered in the area of Cardiac Creek and Avalanche Creek. Current dimensions are on the order of 1,950 metres in strike length with a dip extent of at least 875 metres and true thickness of up to 35 metres. High-grade mineralization is hosted within laminar sulphide beds comprised primarily of pyrite, sphalerite and galena. The sulphides are interbedded with the siliceous shales of the Gunsteel formation. Thickly bedded, laminar to nodular barite with laminar to bedded pyrite typically underlies the main body of mineralization. The deposit is situated approximately 10 to 20 metres above the contact between the rocks of the Gunsteel formation and the underlying Paul River formation and in some cases the Silurian siltstone of the Road River Group.

A total of 5,347.18 metres of drilling were completed in 11 drill holes as part of the 2015 diamond drilling program on the Akie property. The drilling continued to test the down-dip and high-grade core of the Cardiac Creek deposit. Positive results include: 28.51 metres of 10.22% Zn, 2.34% Pb, 20.45 g/t Ag in A-15-121, 23.36 metres of 8.63% Zn, 1.68% Pb, 14.64g/t Ag in A-15-122, 21.41 metres of 9.47% Zn, 2.11% Pb, 18.22g/t Ag in A-15-124, and 15.76 metres of 9.71% Zn, 1.74% Pb, 15.75g/t Ag in A-15-125. Nick style mineralisation was also encountered in A-15-125 and A-15-131with narrow intervals occurring within the Paul River formation debris flows just above the contact with the Silurian Siltstones of the Road River Group. These intervals returned anomalous values of Pb, Zn, Ni, U, V, P, La, Cr and Se. A review of drill core and the analytical results identified additional occurrences of Nick-style mineralisation. Currently there are a total of 9 occurrences of Nick-style mineralisation located across the Akie property all hosted within the rocks of the Paul River formation.

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1.0 Introduction & Terms of Reference

This report documents exploration activities carried out in 2015 by Canada Zinc Metals 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.

2.0 Property Location & Description

Canada Zinc Metals 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 2025 (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 219 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.

3.0 Accessibility, Infrastructure, Climate & Physiography

Access to the Akie property is primarily via helicopter from the company's Akie exploration camp, located at the 24.5 kilometre mark on the Akie FSR (Forestry Service Road) (Plate 8-1). However, the extended Akie FSR constructed by CZX in 2008 allows access to parts of the Akie property via truck. Chartered aircraft from Northern Thunderbird Air (NT Air) currently provides air transport services on a daily basis 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 is the largest population centre in central British Columbia and is located 420 kilometres to the south. The city is a major hub for supplies, transportation, communications, and commerce. Some supplies are sourced locally from two 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 forestry 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.

Claim Name	Tenure #	Owner (100%)	Expiry Date	Area (Ha)
AKIE 1	240791	107445	08 Dec 2025	75
AKIE 2	240792	107445	08 Dec 2025	150
AKIE 3	240793	107445	08 Dec 2025	75
NOEL 1	240794	107445	08 Dec 2025	50
NOEL 3	240796	107445	08 Dec 2025	25
YUEN 1	240798	107445	08 Dec 2025	100
YUEN 2	240799	107445	08 Dec 2025	100
YUEN 3	240800	107445	08 Dec 2025	25
YUEN 4	240801	107445	08 Dec 2025	200
YN 3	309112	107445	08 Dec 2025	500
AKIE 4	324822	107445	08 Dec 2025	100
AKIE 5	324823	107445	08 Dec 2025	400
AKIE 6	324824	107445	08 Dec 2025	150
AKIE 7	324825	107445	08 Dec 2025	500
AKIE 8	327931	107445	08 Dec 2025	150
AKIE 9	327932	107445	08 Dec 2025	300
AKIE 10	327933	107445	08 Dec 2025	100
AKIE 11	329534	107445	08 Dec 2025	400
AKIE 12	329535	107445	08 Dec 2025	500
AKIE 13	329536	107445	08 Dec 2025	500
AKIE 14	329537	107445	08 Dec 2025	375
AKIE 15	329538	107445	08 Dec 2025	150
AKIE 16	329539	107445	08 Dec 2025	200
AKIE 17	330626	107445	08 Dec 2025	400
AKIE 21	333352	107445	08 Dec 2025	450
AKIE 22	333353	107445	08 Dec 2025	225
AKIE 25	333356	107445	08 Dec 2025	500
AKIE 18	338283	107445	08 Dec 2025	400
AKIE 19	338284	107445	08 Dec 2025	300
CURE	517839	107445	08 Dec 2025	35
BRAID 25	518982	107445	08 Dec 2025	102
YUEN 5	519801	107445	08 Dec 2025	243
YUEN 6	519805	107445	08 Dec 2025	104
YUEN 7	520242	107445	08 Dec 2025	35
YUEN 8	520243	107445	08 Dec 2025	17
PIE 1	520374	107445	08 Dec 2025	366
PIE 2	520375	107445	08 Dec 2025	418
PIE 3	520376	107445	08 Dec 2025	418
PIE 4	520377	107445	08 Dec 2025	417
PIE 5	520378	107445	08 Dec 2025	417
PIE 6	520379	107445	08 Dec 2025	417
PIE 7	520380	107445	08 Dec 2025	418
PIE 8	520381	107445	08 Dec 2025	418
PIE 9	520382	107445	08 Dec 2025	366
PIE 10	520383	107445	08 Dec 2025	104
PIE 5A	520384	107445	08 Dec 2025	17
PIE 11	520385	107445	08 Dec 2025	139
PIE 12	520386	107445	08 Dec 2025	52
PIE 13	520460	107445	08 Dec 2025	139
YUEN 7	520472	107445	08 Dec 2025	416
AKIE 30	520476	107445	08 Dec 2025	436
PIE 14	520477	107445	08 Dec 2025	70

PIE 15	522673	107445	08 Dec 2025	435
PIE 16	522682	107445	08 Dec 2025	435
YUEN 15	523913	107445	08 Dec 2025	434
YUEN 16	523915	107445	08 Dec 2025	208
AKIE FR.	523916	107445	08 Dec 2025	87
AKIE FR 2	523920	107445	08 Dec 2025	17
PIE 34	523923	107445	08 Dec 2025	401
RIFT 1	524478	107445	08 Dec 2025	427
THRO 1	524479	107445	08 Dec 2025	272
THRO 2	524480	107445	08 Dec 2025	290
THRO 3	524481	107445	08 Dec 2025	323
THRO 4	524482	107445	08 Dec 2025	17
THRO 5	524484	107445	08 Dec 2025	426
THRO 6	524485	107445	08 Dec 2025	102
THRO 7	524486	107445	08 Dec 2025	170
DRFITPILE 5	524589	107445	08 Dec 2025	412
DRIFTPILE 4	524591	107445	08 Dec 2025	257
DRIFTPILE 6	524592	107445	08 Dec 2025	206
DRIFTPILE 7	524593	107445	08 Dec 2025	428
DRIFTPILE 8	524596	107445	08 Dec 2025	428
DRIFTPILE 9	524599	107445	08 Dec 2025	428
DRIFTPILE 10	524600	107445	08 Dec 2025	428
DRIFTPILE FRACTION 1	524618	107445	08 Dec 2025	51
PIE 40	525680	107445	08 Dec 2025	435
PIE 41	525681	107445	08 Dec 2025	435
PIE 42	525682	107445	08 Dec 2025	435
PIE 101	525758	107445	08 Dec 2025	419
PIE 102	525759	107445	08 Dec 2025	349
YUEN 20	525922	107445	08 Dec 2025	417
YUEN 21	525923	107445	08 Dec 2025	434
YUEN 23 FR	525924	107445	08 Dec 2025	17
THRO 50	525957	107445	08 Dec 2025	427
AKIE AX 1	526549	107445	08 Dec 2025	437
AKIE AX 2	526550	107445	08 Dec 2025	437
AKIE AX 3	526551	107445	08 Dec 2025	437
BRAID 200	526597	107445	08 Dec 2025	273
BRAID 201	526598	107445	08 Dec 2025	205
DRIFTPILE 200	526599	107445	08 Dec 2025	411
YULE 150	526601	107445	08 Dec 2025	434
PIE WEST 1	526809	107445	08 Dec 2025	435
PIE WEST 2	526810	107445	08 Dec 2025	279
PIE 300	526811	107445	08 Dec 2025	382
WEISS 1	526821	107445	08 Dec 2025	431
WEISS 2	526823	107445	08 Dec 2025	431
WEISS 3	526824	107445	08 Dec 2025	431
WEISS 4	526827	107445	08 Dec 2025	431
WEISS 5	526831	107445	08 Dec 2025	431
WEISS 6	527001	107445	08 Dec 2025	430
WEISS 7	527002	107445	08 Dec 2025	431
WEISS 8	527003	107445	08 Dec 2025	430
WEISS 9	527004	107445	08 Dec 2025	430
WEISS 10	527005	107445	08 Dec 2025	430
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WEISS 18	527048	107445	08 Dec 2025	103
DRIFTPILE 20	527352	107445	08 Dec 2025	428
DRIFTPILE 21	527354	107445	08 Dec 2025	428
DRIFTPILE 22	527356	107445	08 Dec 2025	257
PIE WEST 3	529008	107445	08 Dec 2025	436
AKIE 31	529015	107445	08 Dec 2025	366
PIE 35	529018	107445	08 Dec 2025	174
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PIE WEST 6	529023	107445	08 Dec 2025	436
AKIE 31A	529025	107445	08 Dec 2025	17
AKIE 31B	529026	107445	08 Dec 2025	17
PIE WEST 7	529126	107445	08 Dec 2025	435
PIE WEST 8	529166	107445	08 Dec 2025	139
KWAD 1	534339	202429	08 Dec 2025	311
SAINT 1	536295	202429	08 Dec 2025	410
SAINT 2	536296	202429	08 Dec 2025	410
SAINT 3	536298	202429	08 Dec 2025	410
SAINT 4	536300	202429	08 Dec 2025	205
WHAT A RIFT	540939	202429	08 Dec 2025	120
SASSY	543021	202429	08 Dec 2025	104
SASSY 2	543022	202429	08 Dec 2025	415
SASSY 3	543024	202429	08 Dec 2025	416
SASSY 4	543025	202429	08 Dec 2025	416
SASSY 5	543026	202429	08 Dec 2025	415
SASSY 6	543027	202429	08 Dec 2025	415
SASSY 7	543028	202429	08 Dec 2025	415
SASSY 8	543029	202429	08 Dec 2025	259
SASSY 9	543030	202429	08 Dec 2025	138
SASSY 10	543031	202429	08 Dec 2025	104
SASSY 11	543032	202429	08 Dec 2025	156
SASSY 12	543033	202429	08 Dec 2025	225
RICKS SPIRIT OF MTO	544505	202429	08 Dec 2025	17
AKIE 41	546692	107445	08 Dec 2025	437
AKIE 40	546693	107445	08 Dec 2025	349
DRIFTPILE 1	548395	202429	08 Dec 2025	429
DRIFTPILE 2	548396	202429	08 Dec 2025	411
THRO9	548398	202429	08 Dec 2025	426
DRIFTPILE 3	548400	202429	08 Dec 2025	428
	548403	202429	08 Dec 2025	427
THRO10	548407	202429	08 Dec 2025	426
THRO8	548410	202429	08 Dec 2025	426
	548411	202429	08 Dec 2025	51
THRO12	548413	202429	08 Dec 2025	272
THRO13	548417	202429	08 Dec 2025	153
	548421	202429	08 Dec 2025	306
THRO15	548422	202429	08 Dec 2025	188
SPLIT	548425	202429	08 Dec 2025	51

WEDGE	548426	202429	08 Dec 2025	120
X	548742	202429	08 Dec 2025	239
	548784	202429	08 Dec 2025	395
	548786	202429	08 Dec 2025	103
SPA	548951	202429	08 Dec 2025	618
APPLE SCRUFFS	549123	202429	08 Dec 2025	412
FOX	549138	202429	08 Dec 2025	412
TROT	549143	202429	08 Dec 2025	257
	549148	202429	08 Dec 2025	343
GATA	549774	202429	08 Dec 2025	206
COUSIN SAINT	549818	202429	08 Dec 2025	137
	549880	107445	08 Dec 2025	366
	549884	107445	08 Dec 2025	52
AKIE 20	549885	107445	08 Dec 2025	87
IN	549887	202429	08 Dec 2025	17
AK	549888	202429	08 Dec 2025	17
CIRQUE EAST	549930	202429	08 Dec 2025	1268
PILE	549984	202429	08 Dec 2025	34
WINDY	550008	202429	08 Dec 2025	378
SLIVER	550009	202429	08 Dec 2025	120
BALOO	550011	202429	08 Dec 2025	429
DONTSY	550013	202429	08 Dec 2025	430
SILVER LINK	552297	202429	08 Dec 2025	433
AKIE 23	552382	107445	08 Dec 2025	17
DACHA 1	552394	202429	08 Dec 2025	433
DACHA 2	552395	202429	08 Dec 2025	640
DACHA 3	552396	202429	08 Dec 2025	346
DACHA 4	552397	202429	08 Dec 2025	416
DACHA 5	552398	202429	08 Dec 2025	796
CRUEL SHOES	552776	202429	08 Dec 2025	429
MARITA	552777	202429	08 Dec 2025	343
SIMON	552780	202429	08 Dec 2025	427
PETER	552781	202429	08 Dec 2025	359
POLESTAR	553071	202429	08 Dec 2025	364
MORNINGSTAR	553072	202429	08 Dec 2025	312
CWM	553073	202429	08 Dec 2025	278
COIRE	553074	202429	08 Dec 2025	382
	553647	202429	08 Dec 2025	227
	553649	202429	08 Dec 2025	122
	553653	202429	08 Dec 2025	139
1.1	553654	202429	08 Dec 2025	52
KWAD	555432	202429	08 Dec 2025	3845
SILVER FOX	555434	202429	08 Dec 2025	310
SILVER JUBILEE	555436	202429	08 Dec 2025	310
WEISS 19	555439	202429	08 Dec 2025	430
HG	555440	202429	08 Dec 2025	362
JP4	555441	202429	08 Dec 2025	431
QUICKSILVER	555443	202429	08 Dec 2025	432
JP1	555445	202429	08 Dec 2025	431
JP2	555447	202429	08 Dec 2025	397
JP5	555449	202429	08 Dec 2025	431
JP3	555450	202429	08 Dec 2025	431
LAKETREE 1	555452	202429	08 Dec 2025	431

LAKETREE 2	555453	202429	08 Dec 2025	396
LAKETREE 4	555454	202429	08 Dec 2025	431
LAKETREE 3	555455	202429	08 Dec 2025	431
LAKETREE 5	555456	202429	08 Dec 2025	430
LAKETREE 6	555463	202429	08 Dec 2025	344
LAKETREE 7	555464	202429	08 Dec 2025	430
LAKETREE 8	555465	202429	08 Dec 2025	413
KWADAC	555810	202429	08 Dec 2025	1956
HSH	555813	107445	08 Dec 2025	192
BLUE SKY 3	557778	202429	08 Dec 2025	392
BLUE SKY 2	557779	202429	08 Dec 2025	392
BLUE SKY 1	557780	202429	08 Dec 2025	375
ROME	557781	107445	08 Dec 2025	17
CZM 1	847812	202429	08 Dec 2025	418
CZM 2	847813	202429	08 Dec 2025	313
CZM 3	847815	202429	08 Dec 2025	139
SITKA	1021745	202429	08 Dec 2025	942
YUEN NORTH 1	1024832	202429	08 Dec 2025	1734
YUEN NORTH 2	1024833	202429	08 Dec 2025	953

Table 2-1: Kechika Trough tenure listing. Note: Owner # 107445: Ecstall Mining Corp. (100% Subsidiary of Canada Zinc Metals Corp.), 202429: Canada Zinc Metals Corp.

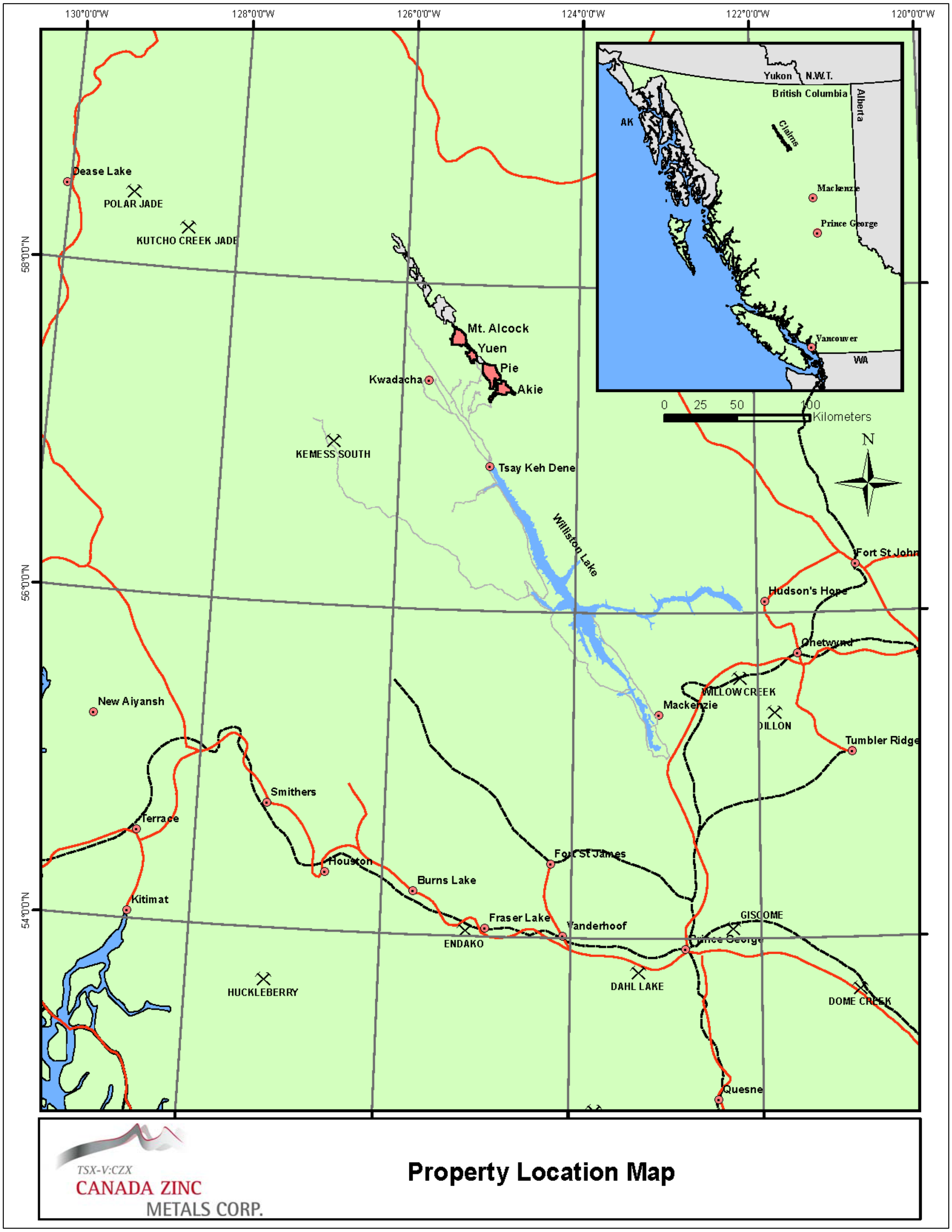


Figure 2-1: Property location map.

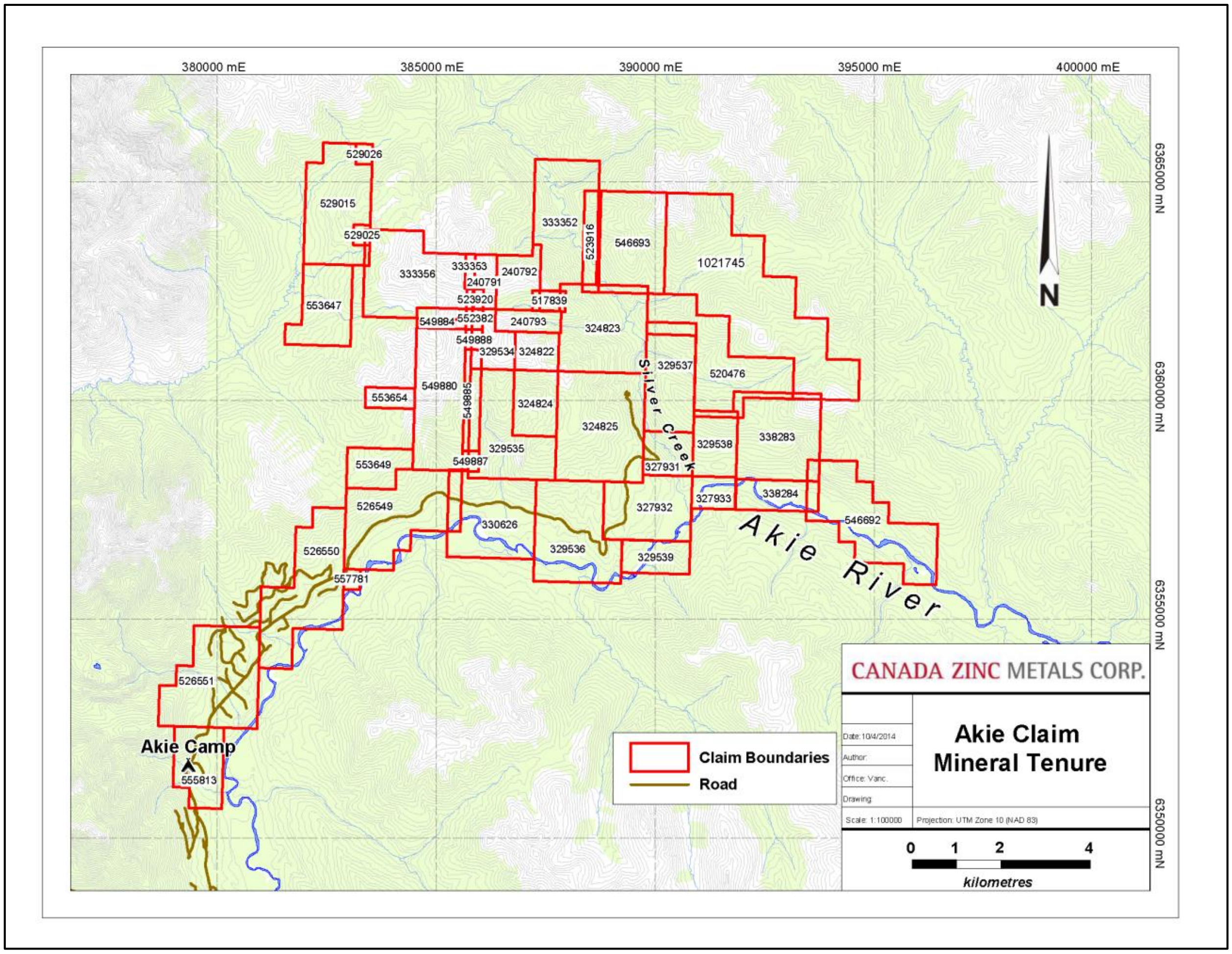


Figure 2-2: Mineral tenure map for the Akie property.

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 generators supply electricity to the local villages.

The property and surrounding region is an area of moderate to steep mountainous terrain, ranging between 800 to 2300 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 months' 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.

4.0 Exploration History

The exploration history of the Akie property has been sporadic since the early 1970's with the bulk of work being completed over three time periods; 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 (7DDH'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.	Commissions Don MacIntyre to complete a 43-101 compliant report on the Akie property and conducts 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	Mantle Resources Inc.	Completes takeover of Ecstall Mining Corp. and acquires 100% ownership of Akie property. Company changes name to Canada Zinc Metals Corp. A 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 Metals Corp.	Additional drilling on the Cardiac Creek deposit and other property targets (11 DDH's = 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 totalling 4,599.31 metres)
2014	Canada Zinc Metals Corp.	Additional drilling on the Cardiac Creek deposit (8 DDH totalling 2,855.12 metres)

5.0 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 represents a brief summary of 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 general 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).

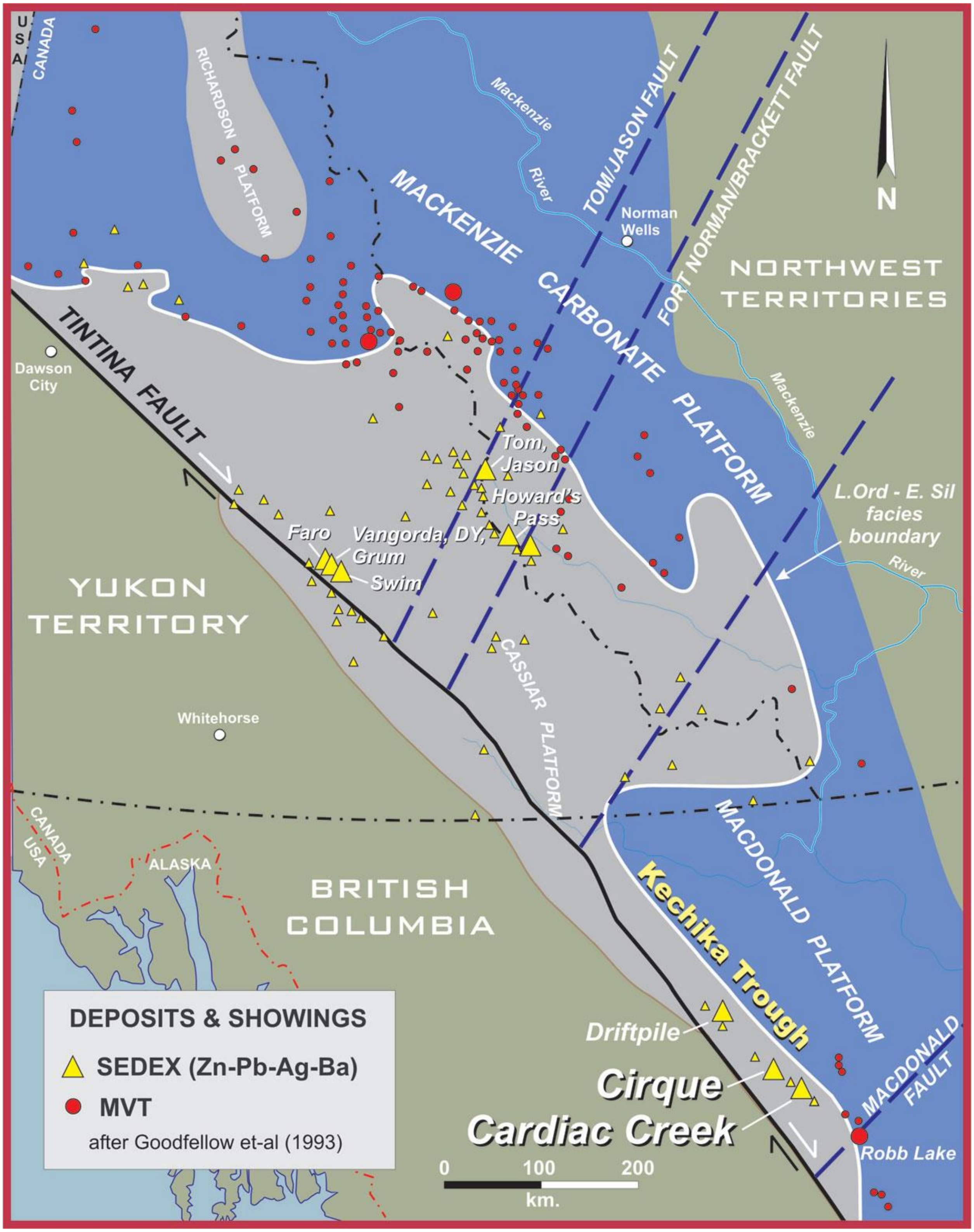


Figure 5-1: Geological Setting of Selwyn Basin and Kechika Trough (modified after Goodfellow et al, 1993)

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 platformal 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 and 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. 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).

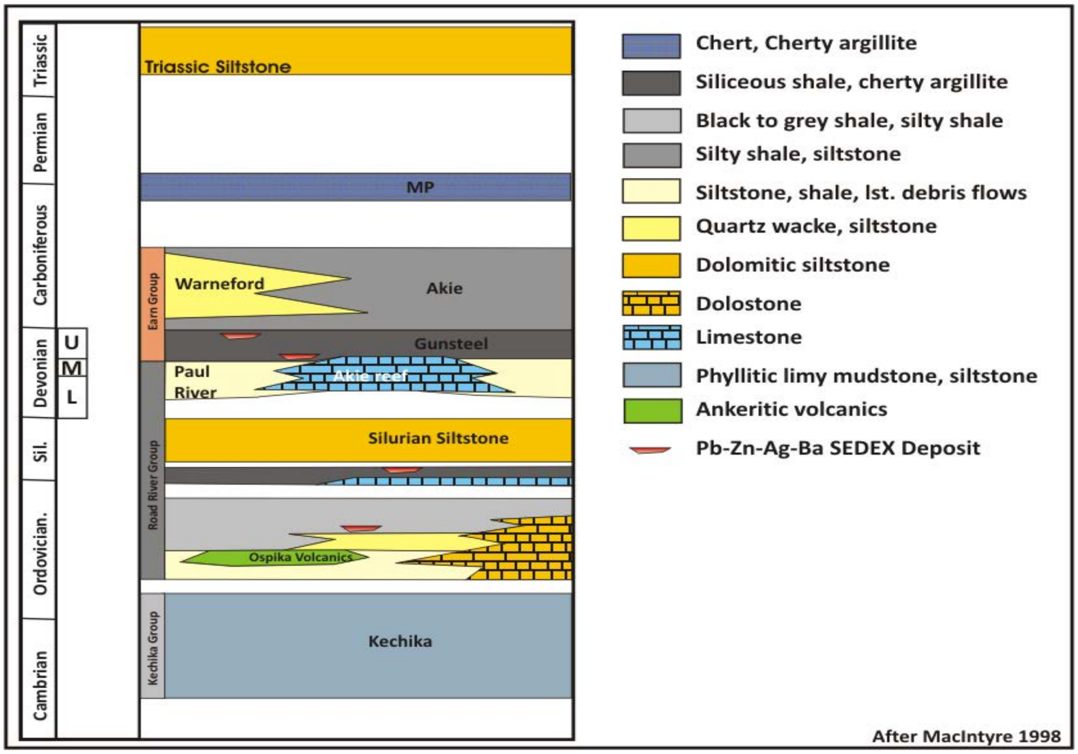


Figure 5-2: Kechika Trough Generalized Stratigraphic Section (after MacIntyre, 1998)

5.2 Regional Structure

The following section is an unabridged excerpt from the previous 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 contained information remains current. The report can be found at www.sedar.com.

"The linear nature of the geology of the Akie River area reflects the "thin-skinned" tectonic style of the Rocky Mountain Fold and Thrust Belt. Northeast-directed compression resulted in detachment of the Paleozoic strata from a rigid crystalline basement and partial stacking of the detached plates along a series of imbricate thrust faults. The thrust plates, which are composed of relatively incompetent basinal facies rocks, have been internally folded during thrusting. In general, incompetent strata below overriding thrust plates have tight isoclinal folds with southwest-dipping axial planes whereas rocks in the overriding plate are asymmetrically folded and often have northeast-dipping axial planes. This style of folding may be related to the development of inversion structures similar to those described by McClay et al., (1989) in the Driftpile Creek area.

The structural style changes from west to east across the map area. In the west, imbricate, southwest dipping reverse faults bound asymmetric overturned folds with southwest dipping to vertical axial planes. To the east, large scale upright folds occur within major synclinoriums that are bounded by outward dipping reverse faults that truncate folds within overriding anticlinoriums. Devonian strata are preserved within the synclinoriums. This structural style suggests that high angle growth faults bounding depositional troughs in Devono-Mississippian time were reactivated during Tertiary compression and became the locus of major thrust faults in the district. That major high angle thrust faults may be localized along much older crustal breaks is also suggested by close spatial association of Paleozoic mineralization, reef building, coarse clastic fans and volcanism to such faults.

Detailed studies of the structure of the Cirque deposit led to the recognition of two coaxial phases of deformation (Pigage, 1986). The earliest deformation, which is recognizable throughout the study area, includes northwest-trending, tight asymmetric folds that verge northeast and have gently dipping southwest limbs and steep to overturned northeast limbs. The steep limbs are often broken and offset by high angle reverse faults, resulting in the juxtaposition of Ordovician and Silurian strata against the Mid- to Late- Devonian Gunsteel formation shale. The high angle reverse faults may coalesce at depth into a major detachment surface possibly rooted in the highly attenuated Kechika Group. Shale typically has a pervasive slatey cleavage that is axial planar to the macroscopic folds; a closely-spaced fracture cleavage is found in the more competent strata.

The second phase of deformation folds the early slatey cleavage and develops a penetrative crenulation cleavage. This cleavage is axial planar to the late folds, which may have an amplitude of up to 30 metres (Pigage, 1986). The folds are open to upright, trend northwest and have northeast convergence. High-angle listric normal and reverse faults are also common in the Akie River area and generally trend parallel or at slight angles to the major high angle thrust faults. These faults are probably related to brittle failure of thrust plates during detachment and thrusting. Displacements of up to several hundred metres have been documented at the Cirque deposit (Pigage, 1986).

North to northeast trending high angle faults offset earlier thrust and listric normal faults. Some of these faults have a strike-slip movement and may be synthetic shears related to an oblique compressional stress regime. This compressional event is believed to be Tertiary in age."

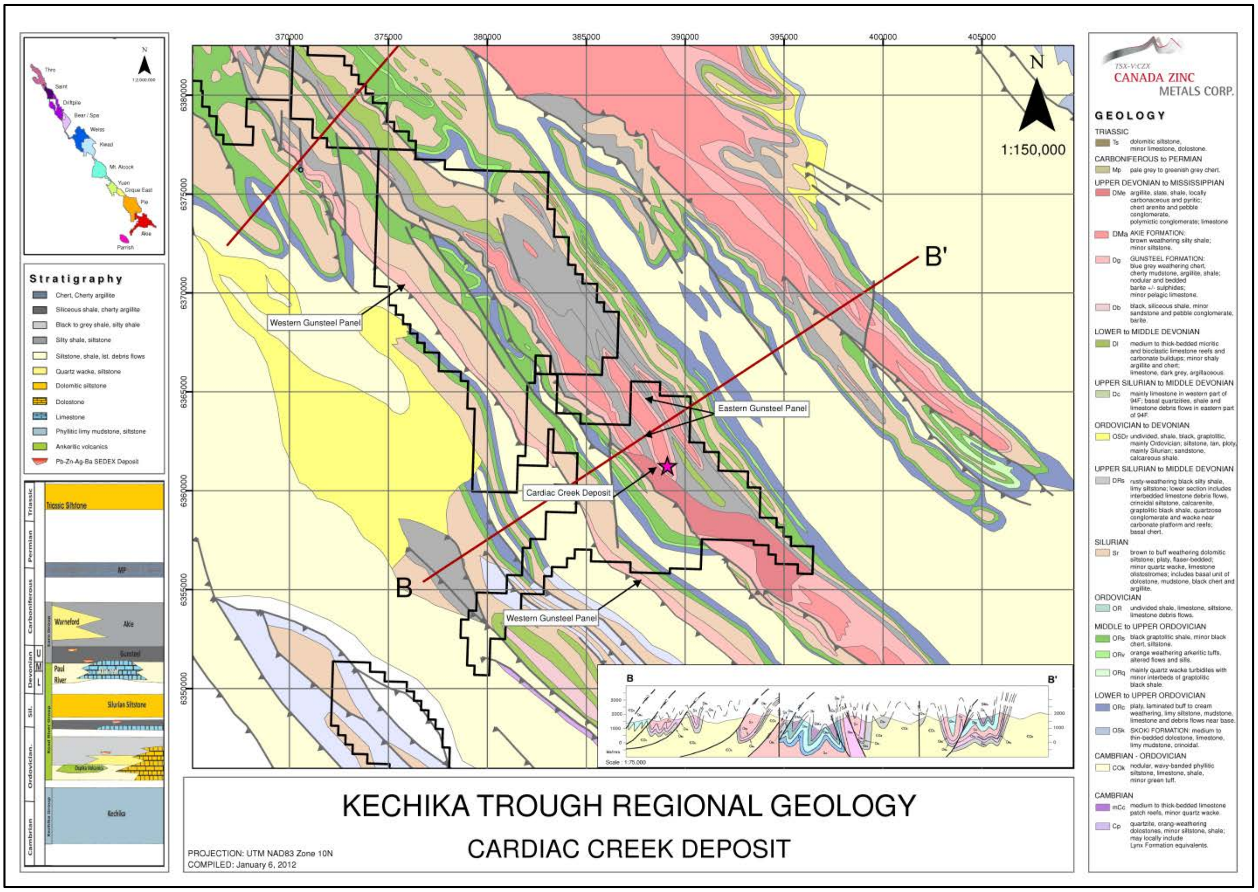


Figure 5-3: Regional geology of the Akie and Pie properties. (after MacIntyre 1998).

5.3 Property Geology

The geology of the Akie property can be subdivided into east and west segments 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 minor synforms and antiforms comprised of Earn Group rocks; Gunsteel and Akie formation shales and Warneford Formation coarser clastics. The geology of the western side of the property is well constrained by drilling where as the geology on the eastern side of Silver Creek remains relatively poorly understood due to dense forest cover resulting in a general lack of outcrop exposure. The eastern edge of the property is bounded by an east-dipping thrust fault stacking 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 central Akie property has been described as a large anticlinorium bounded by outwardly dipping thrust faults (MacIntyre 1998). Minor thrusting and faulting is observed across the property, each producing an unknown degree of displacement. The geology of the Akie property can be seen in Figure 5. 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.

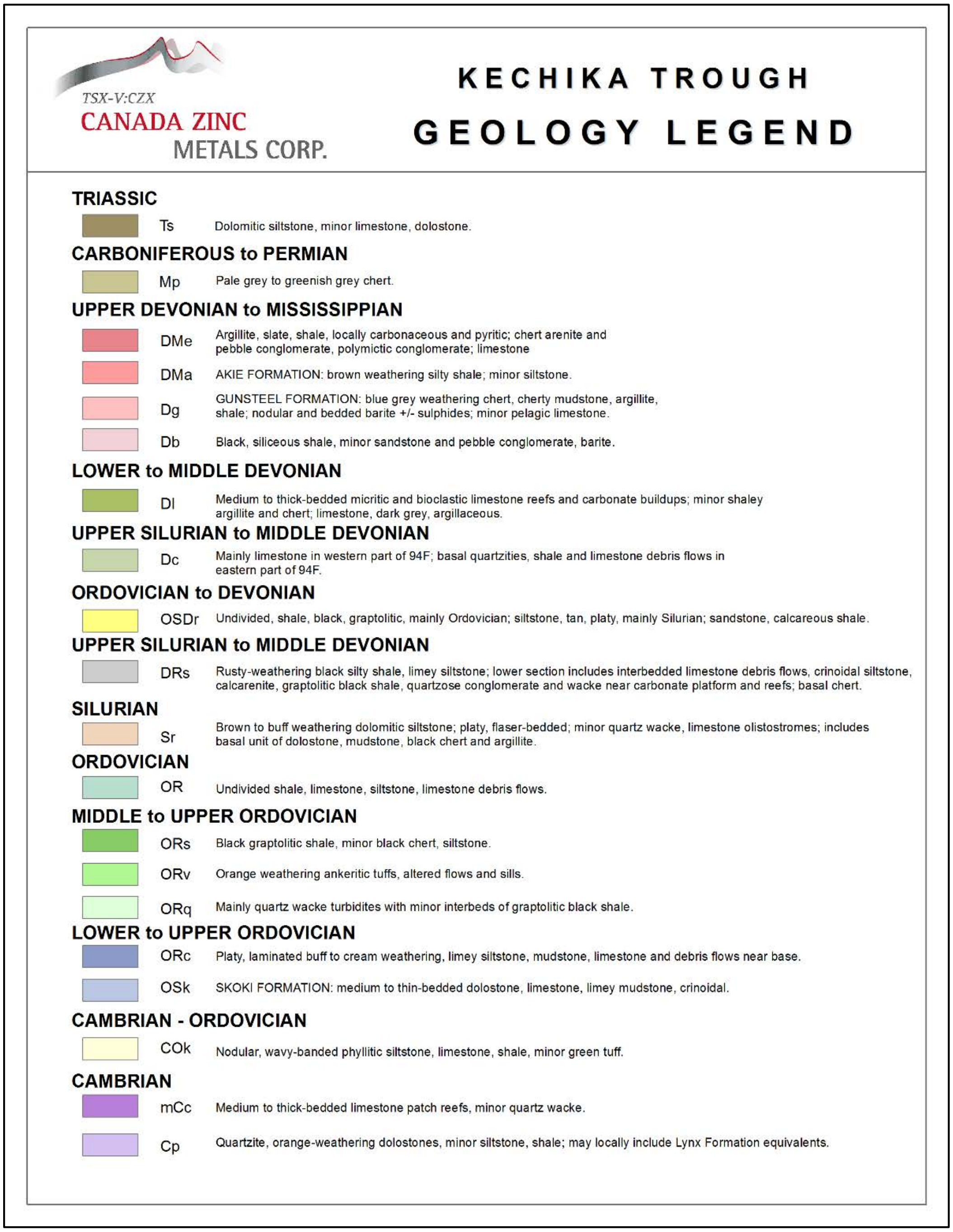


Figure 5-4: Legend for regional geology depicted in figures 5-3 and 5-4 (after MacIntrye 1998)

6.0 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).

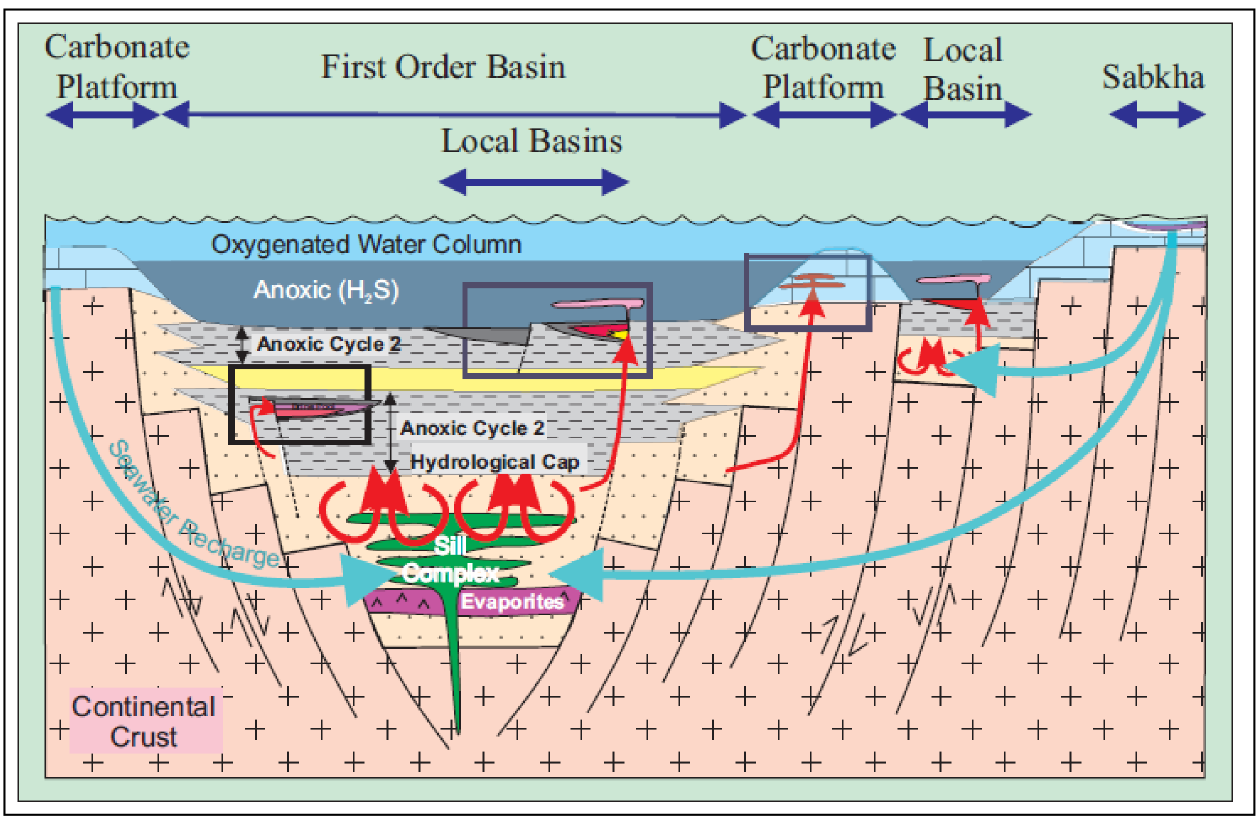


Figure 6-1: Genetic model of SEDEX deposit formation (Goodfellow & Lydon 2007)

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. It is generally thought that SEDEX 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). However recent work on the Howards Pass Pb-Zn-Ag deposits is beginning to test this theory which may not apply to all SEDEX deposits. 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 type 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).

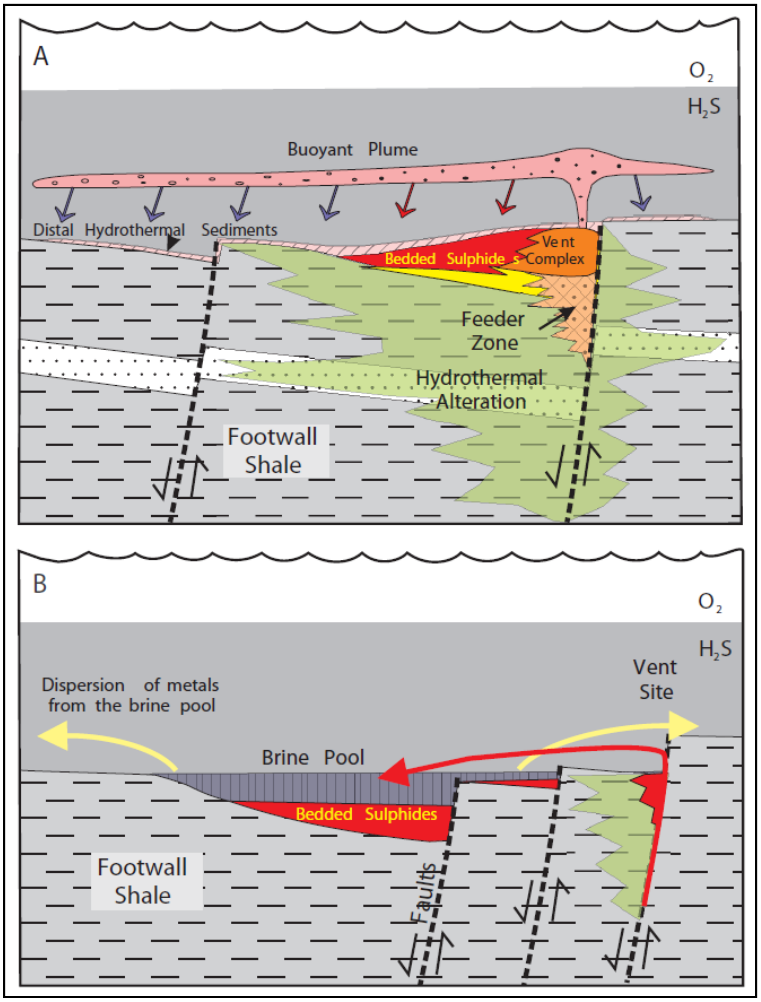


Figure 6-2: Vent-proximal and vent-distal sub-types of Selwyn basin SEDEX deposits (Goodfellow & Lydon, 2007).

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).

7.0 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 2012 the company updated the maiden 2008 NI 43-101 compliant resource calculation for the Cardiac Creek deposit. The revised NI 43-101 compliant resource includes an indicated resource of 12.7 Mt grading 8.38% Zn, 1.68% Pb, 13.7g/t Ag and an inferred resource of 16.3 Mt grading 7.38% Zn, 1.34% Pb, 11.6g/t Ag at a cut-off grade of 5% Zn. For the complete report on the Cardiac Creek deposit resource calculation please refer to the detailed 2012 NI 43-101 compliant technical summary report entitled *NI 43-101 Technical Report Akie Zinc-Lead-Silver Project, British Columbia, Canada* by Robert C. Sim. 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).

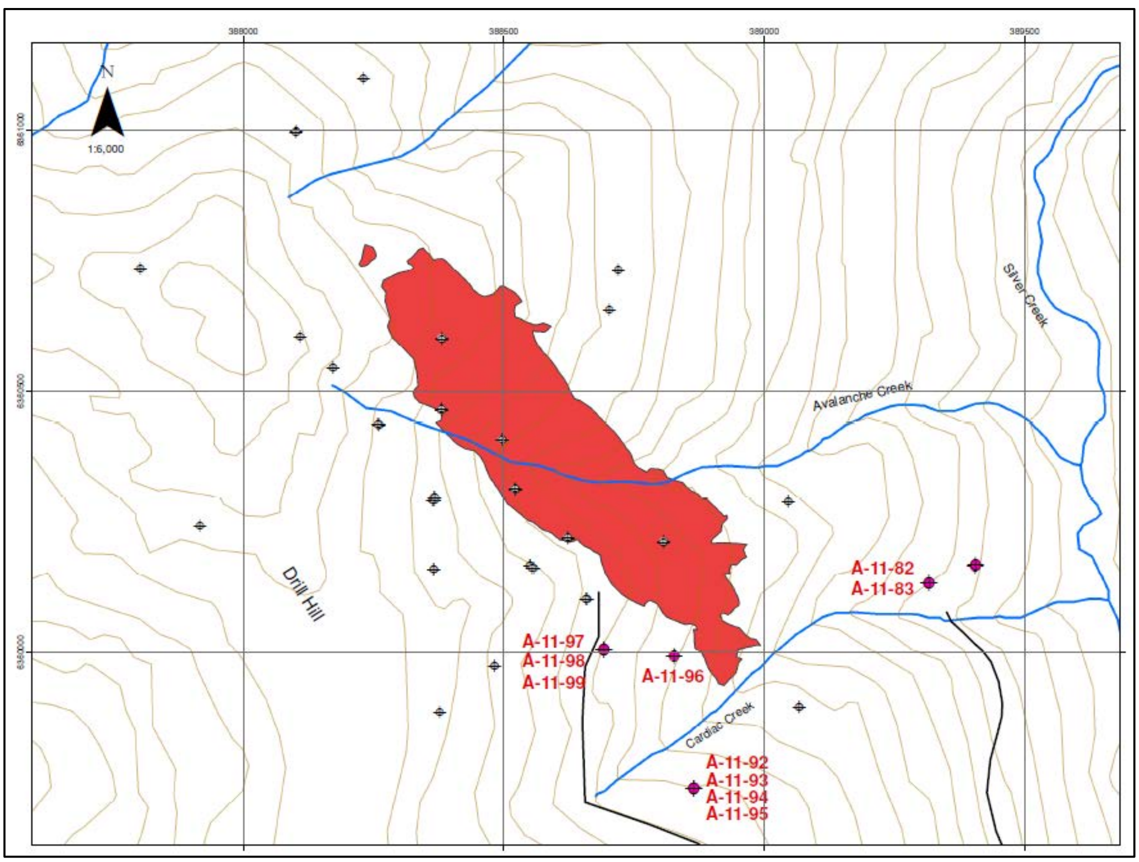


Figure 7-1: Cardiac Creek deposit location map. Red outline is the 2008 NI 43-101 compliant 5% Zn cut-off inferred resource.

7.1 Character

In general, the Cardiac Creek deposit is situated at the base of the Gunsteel formation in close proximity to 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 Bear Valley Creek down to the Akie River. The known and potentially economic portion of the deposit has an approximate strike length of 1,950 metres with a dip extent of at least 875 metres (Sim 2012). The mineralogy of the deposit is relatively simple, dominated by pyrite, barite (sulphate), 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 Mineral Facies

The prospective mineralised horizon associated with the Cardiac Creek deposit can be broken into several distinct mineral facies present within the Gunsteel formation stratigraphy; Distal; Proximal; Cardiac Creek Zone and Barite facies (Figure 7-2). A schematic distribution of mineral facies across the deposit can be seen in Figure 7-3.

		Facies	General Description
Mineralised Horizon		Distal	10 to 20cm thick bands comprised of thinly laminated pyrite with nodular barite and shale interbedded with generally featureless black massive shale beds. Not always present above proximal facies.
	Cardiac Creek Deposit	Proximal	20 to 60cm thick beds of finely laminated pyrite with lesser nodular barite and minor steel grey sphalerite bands interbedded with pyritic massive black shale beds. Contact with underlying Cardiac Creek Zone very gradational
		Cardiac Creek Zone	20cm to >1m thick beds of steel grey sphalerite, pyrite and galena interbedded with pyritic massive black shale beds. “Mottled” texture indicates high grade Zn, Pb mineralisation. Also host to sub-rounded to angular rip-up clasts.
		Barite	1 to 10m thick beds of offwhite, granular looking, massive barite generally in gradational contact with the Cardiac Creek Zone and host to minor pyrite, sphalerite and galena mineralisation. Character can change from massive to laminar/nodular to nodular bedded barite.

Figure 7-2: Mineral Facies associated with the Cardiac Creek deposit.

7.2.1 Distal Facies

The distal facies is interpreted to represent the distal expression of the deposit both in the immediate hanging wall and along strike. This facies is represented by 10 to 20 centimetre thick bands individually comprised of interbedded, thinly laminated, fine grained, dull brown pyrite, black shale and off-white nodular barite (commonly replaced by carbonate and brassy yellow euhedral pyrite) interbedded with generally featureless black Gunsteel formation shale (Plate 7-1). This facies can vary significantly in thickness (<5 to >100 metres) though it typically ranges from 10 to 30 metres. Overall sulphide content varies from 5 to 15% with Zn and Pb grades reaching <0.1 to 0.5%, and <0.1% respectively. This facies is not always present in the immediate hanging wall or along strike to the deposit. Several additional horizons of similar character have been recognised higher up in the stratigraphy and are interpreted to represent separate mineral horizons possibly post-dating the Cardiac Creek mineralised horizon.

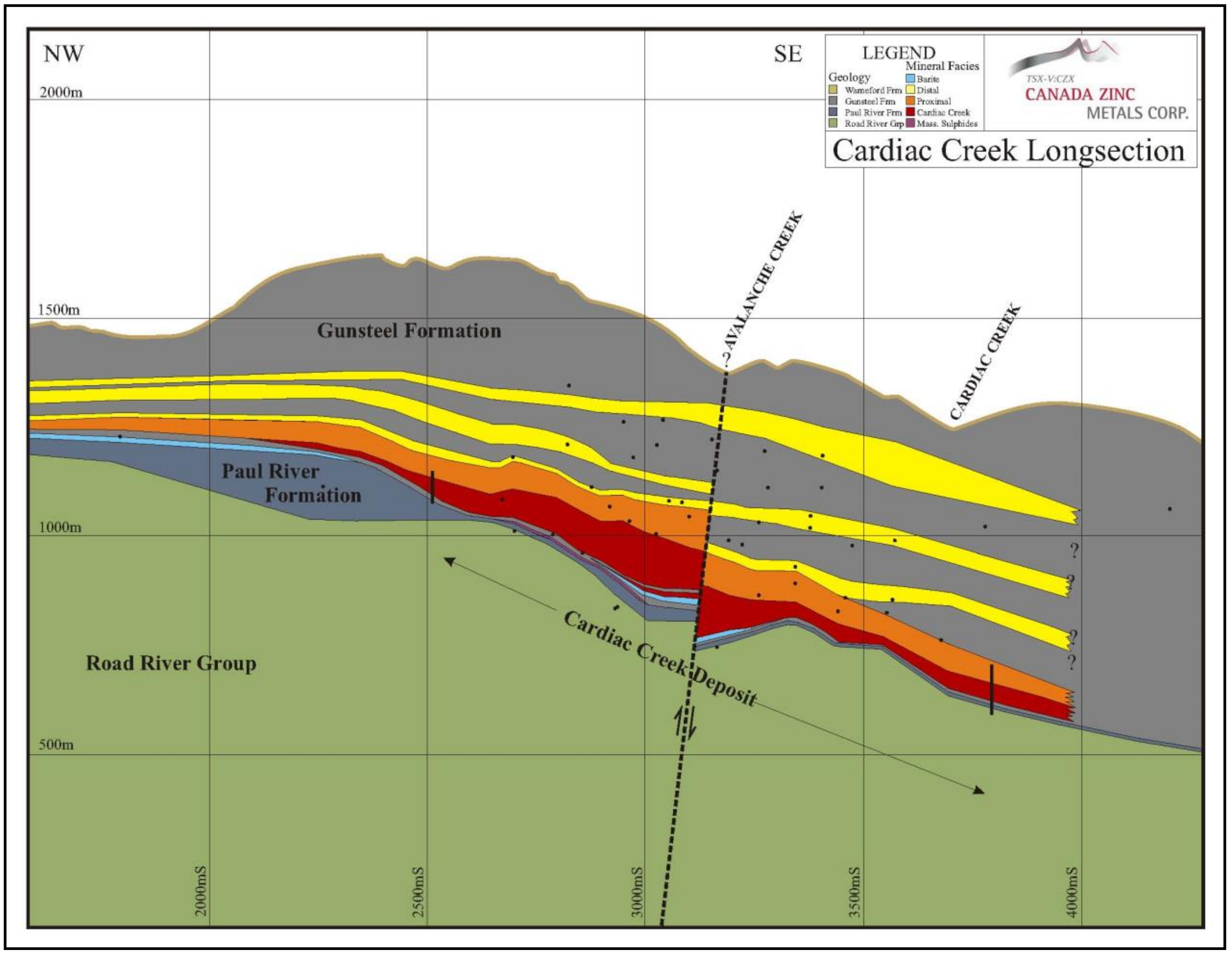


Figure 7-3: Long section view showing a schematic distribution of mineral facies across the Cardiac Creek deposit.

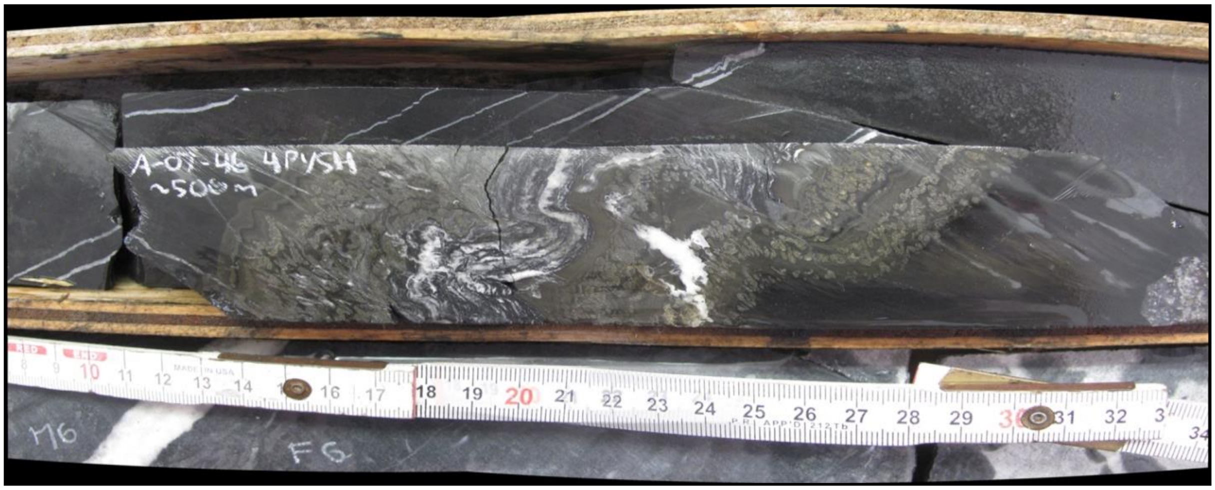
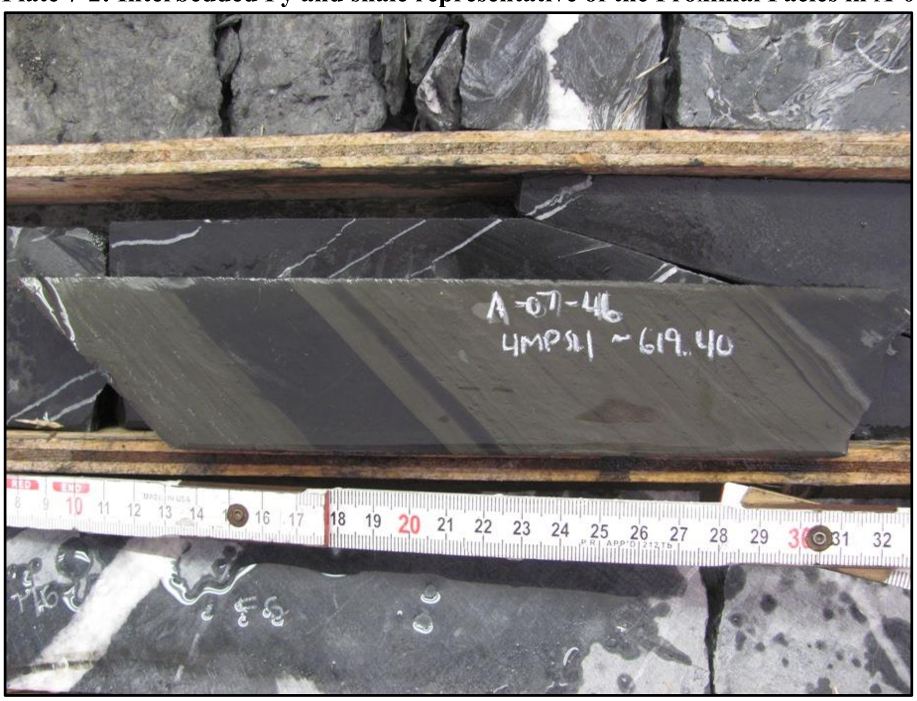


Plate 7-1: Laminated Py and nodular Ba interbedded with shale representative of Distal Facies mineralisation in A-07-46 @ 506.00m.

Plate 7-2: Interbedded Py and shale representative of the Proximal Facies in A-07-46 @619.40m.



7.2.2 Proximal Facies

The proximal facies is interpreted to represent the upper portion of the deposit and consists of 20 to 60 centimetre thick, internally laminated, very fine-grained, dull brown pyrite beds with very minor amounts of nodular barite (generally sub-millimetre and replaced by carbonate and brassy yellow Py) interbedded with featureless pyritic black shale beds (Plate 7-2). The appearance and concentration of steel grey sphalerite bands increases towards the base of the proximal facies with a very gradational boundary between the proximal and Cardiac Creek zone facies (Plate 7-3). The determination of this boundary is subjective but in general is marked by the substantial increase in sphalerite banding within the pyrite beds. The facies ranges in thickness from 5 to 30 metres in which the overall sulphide content reaches 30 to 50%. Zinc and Pb grades are on the order of 0.5 to 3% and up to 0.5% respectively.

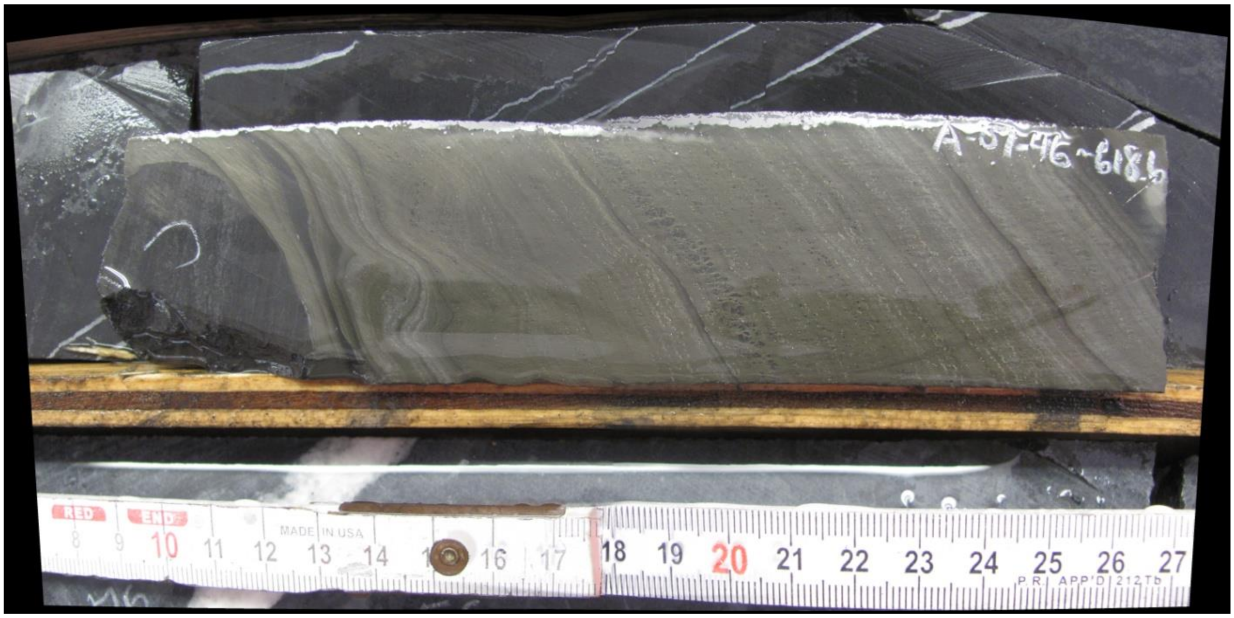


Plate 7-3: Bedded Py with minor sphalerite bands within Proximal Facies from A-07-46 @ 618.60m. Laminated concretion present on the left side of the drill core.

7.2.3 Cardiac Creek Zone Facies

The Cardiac Creek Zone facies represents the lower segment of the deposit and consists of 30 to 200 centimetre thick sulphide beds internally comprised of laminated very fine grained, dull brown pyrite, very fine grained steel grey sphalerite bands with minor galena, and barite interbedded with generally featureless pyritic black siliceous shale beds. The facies ranges in thickness from 5 to 40 metres with sulphide content reaching 50 to 70% and Zn, Pb and Ag grades of 3 to 30%, 1 to 5%, and 5 to 30g/t, respectively. Higher grade Zn and Pb mineralisation is associated with a "mottled" texture within the sphalerite bands (Plate 7-4). Similar to the upper, the lower contact is gradational with the barite facies (Plate 7-5). Also hosted within the facies are numerous angular to sub-rounded, bedded, light grey white to dark grey clasts interpreted to represent concretions grown within the sulphide beds (Plate 7-3).

Plate 7-4: High grade sphalerite mineralisation displaying "Mottled" texture in Cardiac Creek Zone facies in A-07-47 @ 375.60.

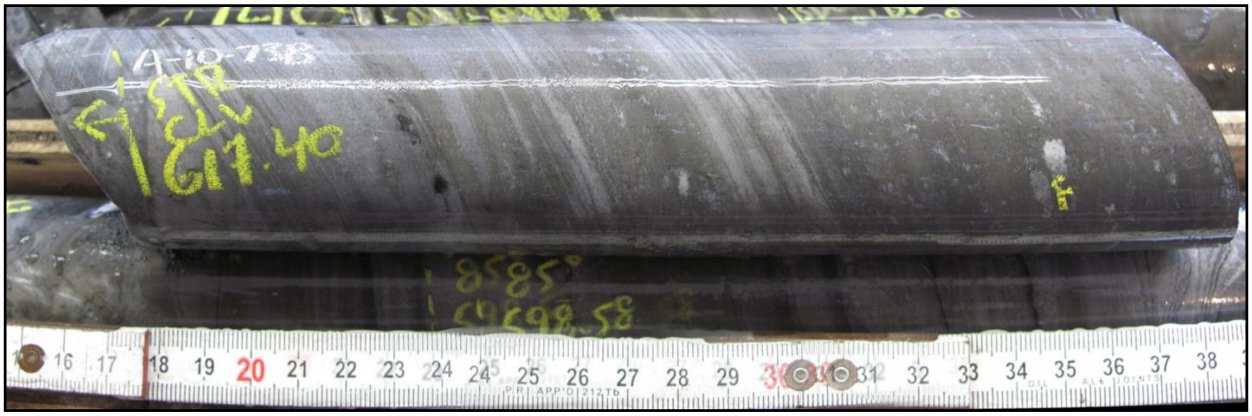


Plate 7-5: High grade Sp mineralisation displaying mottled texture interbedded with granular Ba beds in A-10-73B @ 617.40m.

Plate 7-6: Massive granular barite bed with minor pyrite (brown) in A-07-50 @574.30m.

7.2.4 Barite Facies

The deposit is underlain by the barite facies (Figure 7-4). This facies changes in character across the deposit from thickly bedded (1 to 10 metre) off-white, granular, massive beds of barite interbedded with minor pyrite, sphalerite and or galena (Plate 7-6), to thinly bedded barite with nodular barite, to strictly nodular barite with little to no sulphide mineralisation.

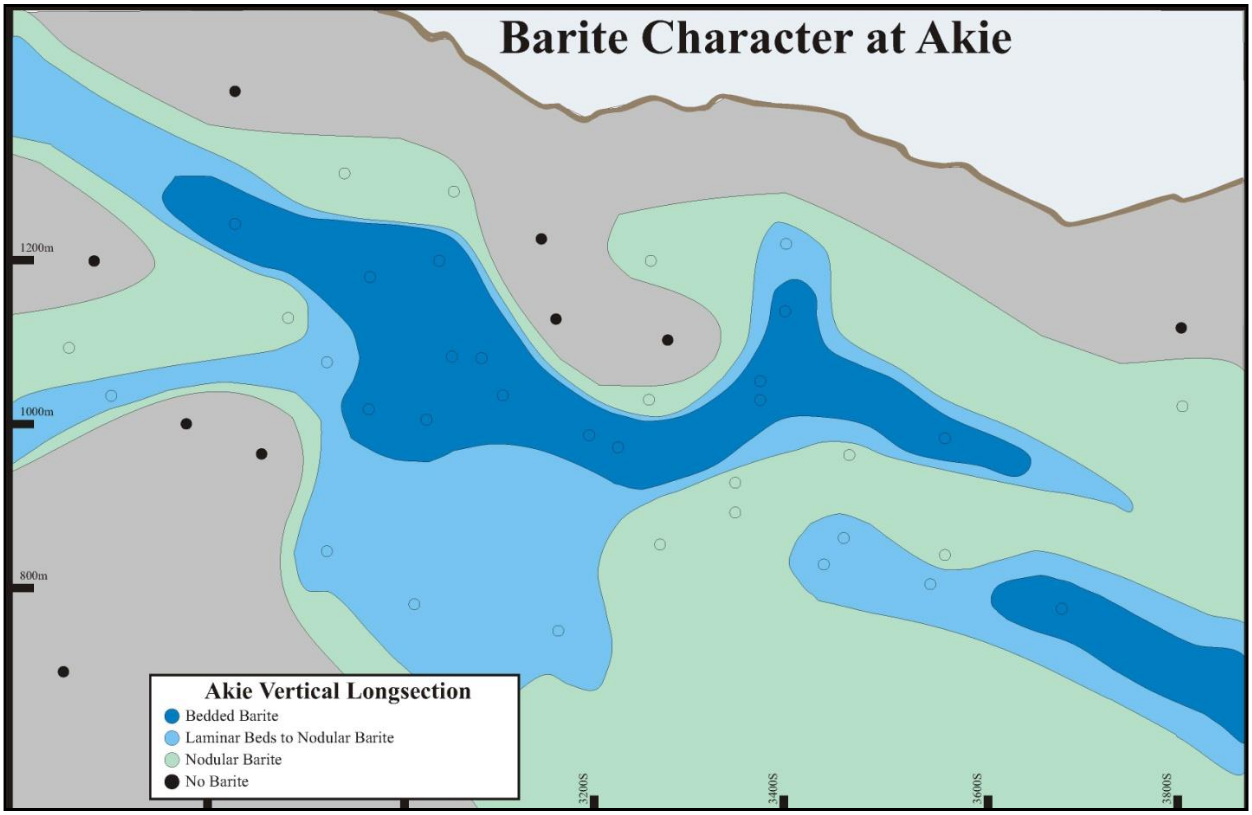


Figure 7-4: Barite Facies character across the deposit.

7.3 Vent Proximal Characteristics

The Cardiac Creek deposit is underlain by features that are suggestive of its proximity to a possible hydrothermal vent such as thin, crudely layered, semi-massive sulphide lens, sulphide replacement of the Paul River debris flow, and silicification, sulphide stringers and breccias, carbonate veining, barite needles and laths present within the immediate foot wall rocks of the Road River Group siltstones (Plates 7-7 & 7-8). These features are generally concentrated across the core of the deposit with a rough correlation to the higher grade material (Figure 7-5).

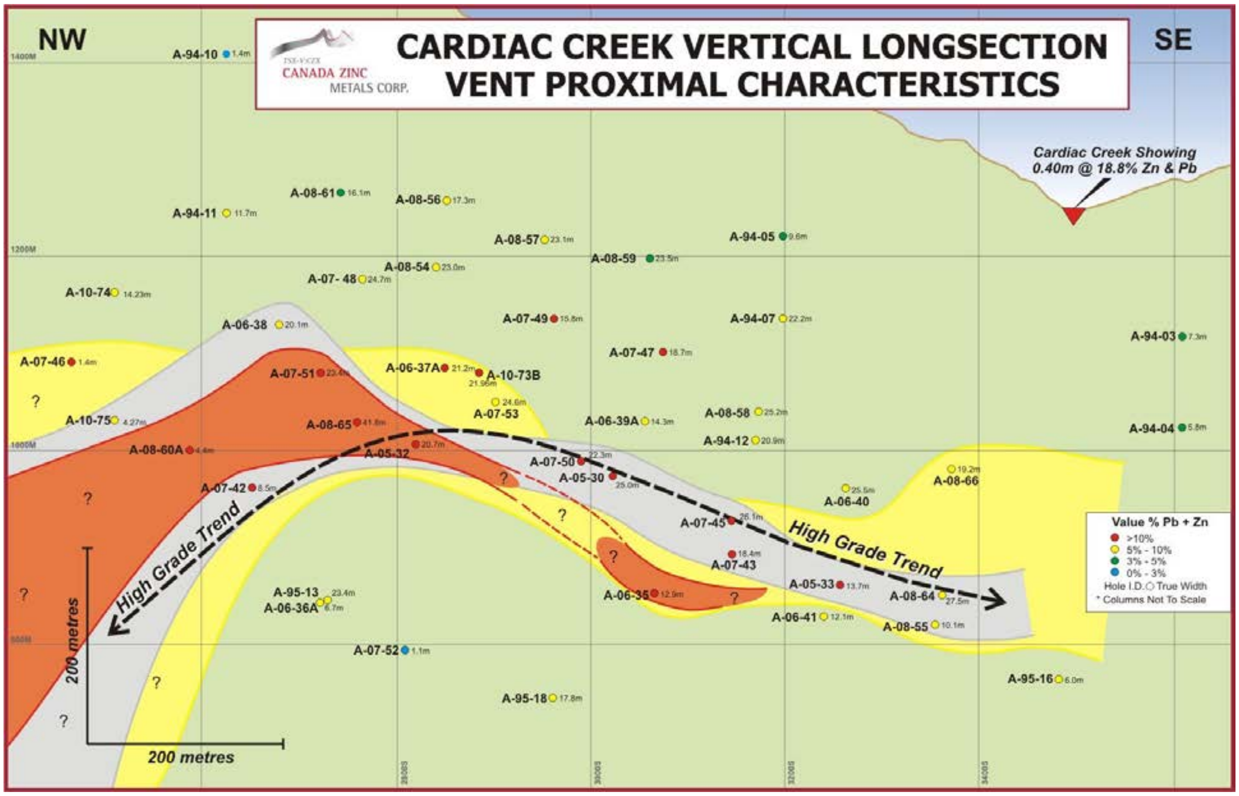


Figure 7-5: Long section view across the Cardiac Creek deposit depicting vent zone features. Yellow: coarse Py replacement of debris flow matrix; Grey: silicification, barite laths and sulphide stringers and breccias in Silurian siltstone; Orange: Semi-massive to crudely layered coarse grained Py lenses underlying the deposit.

Plate 7-7: Silicification and carbonate veining containing sphalerite in the underlying Silurian siltstone in A-08-63 @ 484m.

Plate 7-8: Sphalerite-rich sulphide breccia in underlying Silurian siltstone in A-08-63 @ 479m.

8.0 Exploration Program

8.1 Introduction

The 2015 exploration program was based out of a trailer camp located at the 24.5 kilometre mark of the Akie mainline forestry service road that is situated in an old Canfor forestry cut block (Plate 8-1). The seasonal camp can accommodate up to a maximum of 50 people and was opened in early June. Diamond drilling operations began on the 16th of June and continued until the 29th of September. The camp was winterized and closed on 2nd of October. Exploration personnel for the duration of the program fluctuated from ten to twenty 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 Fort Ware 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 in the form of a single A-5 hydraulic diamond drill and personnel.
- **Yellowhead 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 carpentry and drill platform construction services.

Plate 8-1: Camp Photograph (Photo taken by Gil Graham 2011)

Claimed expenditures on the Akie property during the 2015 exploration program total $2,024,270.12 spent primarily on drilling operations. The breakdown of these costs are presented in Section 12.0 Statement of Expenditures.

8.2 Program Objectives

The 2015 diamond drilling exploration program focused on the Cardiac Creek deposit with two primary objectives: to provide solid high-grade zone infill intercepts in the core of the deposit and test the down-dip extents of the high-grade zone with the intent of expanding the known NI 43-101 indicated and inferred resource boundaries. Targets, such as the GPS Zone, South Zinc or North Lead anomalies were not considered in the 2015 diamond drilling program.

8.3 Field Protocol

The exploration procedures implemented during the course of the 2015 exploration program are outlined below

8.3.1 Drill Hole Numbering and Collar Locations

All of the drill holes were numbered in accordance with the historical scheme with "A" (for the Akie property) dash "10" (the year) dash "67" (the next hole number in sequence). If a particular 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. Occasionally, the casing from abandoned holes was pulled and used again in which case the hole was marked using a log. A casing cap is then screwed into place engraved with the hole number, azimuth, dip, and depth of hole (Plate 8-2).

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.

Plate 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 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 in order to clearly define a sample's 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 was 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 in close proximity to the office trailer to await transportation. The samples were then shipped backhaul via bonded carrier Gautier Ventures Ltd. to Mackenzie and held under the supervision of the camp expediter, Vicki Podgorenko. The samples are then shipped to Bureau Veritas (BV) in Vancouver (formerly Acme Analytical Laboratories) via the bonded carrier Bandstra Industries.

8.3.5 QA/QC Methodology

The 2015 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.

8.3.6 Analytical Procedures

Bureau Veritas in Vancouver analyzed all of the 2015 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 analysed 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. 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 intensity of cleavage (Plate 8-3) in the rocks.

2. Poor ground conditions associated with brittle faulting encountered in the Gunsteel formation (Plate 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 such as muds, clays and polymers improves core recovery and lead to the successful completion of drill holes.

Plate 8-3: Intensity of cleavage, Hole A-06-36A boxes 16-18.

Plate 8-4: Bad ground associated with brittle faulting, A-08-60A Boxes 13 to 15.

8.4 Diamond Drilling Program

The 2015 diamond drilling program consisted of seven planned drill holes focused on the Cardiac Creek deposit. Eleven holes were drilled totaling 5,347.18 metres. All seven planned holes were completed to their intended depths, achieving the targeted pierce points and three were abandoned due to drill hole deviation. One additional drill hole was completed due to cost efficiencies. The drill core is stored at the company's exploration camp (Plate 8-1) with the UTM coordinates of 379,335mE, 6,351,701mN. The details of each drill hole is found in Table 8-1. The drilling from each target area is summarised in the sections below. 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-15-121	388522	6360311	1438	35	-83	554.74	Cardiac Creek deposit
A-15-122	388362	6360290	1525	42	-64	553.21	Cardiac Creek deposit
A-15-123	388362	6360290	1525	42	-79	270.66	Abandoned
A-15-124	388362	6360290	1525	45	-75	706.88	Cardiac Creek deposit
A-15-125	388557	6360161	1484	30	-65	461.77	Cardiac Creek deposit
A-15-126	388557	6360161	1484	30	-81	814.43	Cardiac Creek deposit
A-15-127	388557	6360161	1484	25	-76	716.28	Cardiac Creek deposit
A-15-128	388660	6360101	1429	30	-84	137.47	Abandoned
A-15-129	388660	6360101	1429	30	-84	119.48	Abandoned
A-15-130	388660	6360101	1429	35	-86	690.08	Cardiac Creek deposit
A-15-131	388522	6360311	1438	40	-57	322.18	Cardiac Creek deposit

Table 8-1: Table of drill hole collar details.

8.4.1 Cardiac Creek Deposit

The Cardiac Creek deposit is central to the Akie property, straddling Cardiac and Avalanche Creeks. The objectives for the 2015 drilling was to continue to expand the known limits of the high-grade core of the deposit. A total of 5,347.18 metres were drilled in 11 drill holes. Three drill holes were abandoned due to excessive deviation. Summaries of each drill hole are presented below. A plan-view map, cross sections, drill logs and analytical certificates can be found in Appendices 1, 2 and 3 respectively.

<u>A-15-121</u>

Drill hole A-15-121 tested the down-dip extents of the deposit's central high-grade core with a planned pierce point located approximately 75 metres from holes 32, 50 and 53. Previous attempts to intersect this area of the deposit resulted in hole abandonment due to excessive drill hole deviation. Deviation was not an issue for this drill hole.

The drill hole collared into black siliceous shales of the Gunsteel formation. Intervals of fragmental and baritic shales were intersected down to a depth of 45.34 metres. Thick sections of distal laminated pyrite and nodular barite interbedded with thick sections of black siliceous shales occur from 45.34 to 401.85 metres Quartz-carbonate stock-work veining marks the upper contact with the Proximal facies at depth of 401.85 metres. The facies is characterised by thick beds of laminated pyrite interbedded with black siliceous shales with minor light grey sphalerite banding. The hole transitioned into the Cardiac Creek Zone (CCZ) facies at 445.17 metres. The CCZ is characterised by well-developed sulphide beds comprised of prominent steel grey sphalerite bands displaying prominent mottling textures interbedded with thin black siliceous shale beds. The CCZ is separated from a FW Zone by a thick shale interbed from 483.32 to 492.50 metres. The FW Zone was intersected over 15.98 metres extending to a depth of 508.48 metres and is similar in character to the CCZ with mottled textured sphalerite banding interbedded with shale and minor pyrite beds. The CCZ and FW Zone are underlain by intervals of massive, banded to nodular barite with laminar pyrite from 508.48 to 523.06 metres. A thick, 12.46 metre, interval of pyrite rich massive sulphides is situated above an interval of Paul River formation debris flow from 523.06 to 535.52 metres. The hole ended in the calcareous siltstones of the Road River Group at a depth of 554.74 metres.

A-15-122

The objective for drill hole A-15-122 was to provide infill information along the up-dip edges of the high-grade core in the vicinity of holes 37A, 48, 51 and 54. Deviation was not an issue and the intended target was achieved.

The hole collared into the soft, medium grey aluminous shales of the Akie formation for the first 31.52 metres before transitioning into a very thick interval of dark grey to black siliceous shale with abundant light-grey interbeds of discontinuous and disrupted siltstone, sandy siltstone to sandstone that continued to a depth of 137.30 metres that included minor sections of nodular barite and siliceous shale. From 137.30 to 471.18 metres the hole intersected primarily the black siliceous shales of the Gunsteel formation containing intervals of fragmental shale units from 217.63 to 259.33 metres, distal laminated pyrite and nodular barite from 336.50 to 367.24 metres and minor sections of nodular barite and very thin intervals of cherty shale. The Proximal facies, consisting of thickly bedded pyrite and shale occurs over 16.04 metres from 471.18 metres transitioning into the Cardiac Creek Zone at a depth of 488.97 metres. The zone, characterised by thickly banded very fine grained steel grey sphalerite and galena and minor pyrite occurs from 488.97 metres to 516.50 metres interbedded with a couple of minor shale intervals. Massive beds of barite interbedded with some sulphide mineralisation underlie the zone to a depth of 520.20 metres. The hole ends in the semi-calcareous siltstones of the Road River Group at a depth of 553.21 metres.

A-15-123

Drill hole A-15-123 was planned to test a target area down-dip of hole A-05-32. Unfortunately, the hole did not flatten as expected and was abandoned at a depth 270.66 metres. The hole was re-collared as A-15-124.

A-15-124

Drill hole A-15-124 tested the down-dip extension of the high-grade core below A-05-32. Down-hole deviation was not an issue and the target was achieved.

The hole A-15-124 collared into the soft medium grey aluminous shales of the Akie formation followed by a thick interval of Gunsteel formation shales interbedded with discontinuous and disrupted lenses of siltstone, sandy siltstone and sandstone to a depth of 145.94 metres. From 145.94 to 472.26 the hole passed through intervals of black siliceous shale interbedded with minor chert intervals, thin intervals of fragmental shale and minor nodular barite. A thick 53 metre interval of distal laminated pyrite and nodular barite was intersected from 472.26 to 525.42 metres situated just above the Proximal facies pyrite. The thick-bedded, dull-brown very fine grained pyrite of the Proximal facies was intersected at 571.50 metres transitioning into the Cardiac Creek Zone at 601.13 metres with an increasing presence of steel grey sphalerite banding towards the base of the Zone at 621.00 metres. The hole transitioned back into well-defined Proximal facies mineralisation from 621.00 to 625.80 metres however the contacts of this short interval are heavily disrupted by brittle faulting. Another interval of the Cardiac Creek Zone was present from 640.60 to 656.41 characterised by further development of the sphalerite bands displaying an increasing degree of mottling textures indicating higher Zn and Pb grades. The Footwall Zone was intersected from 640.60 to 656.41 metres marked by well-developed mottled sphalerite bands and minor pyrite. An interval of laminar to bedded dull brown pyrite with abundant irregular-shaped medium grey calcareous concretions occurs from 658.98 to 669.65 metres and marks the contact between the Gunsteel formation shales and the debris flows of the Paul River formation. The hole ended in the calcareous siltstones of the Road River Group at a depth of 708.66 metres.

<u>A-15-125</u>

Drill hole A-15-125 was intended to provide infill information within the high-grade core up-dip of holes A-07-50. The hole flattened a bit more than expected resulting in a pierce point located slightly up-dip of the intended target but sufficiently away from the surrounding drill holes.

The hole collared into a very thin 4.01 metre thick interval of questionable medium grey soft shales of the Akie formation. From 10.11 to 409.37 metres the drill hole passed through minor intervals of nodular barite, minor chert, fragmental shale and disrupted silty shales. A couple of distal facies laminated pyrite and nodular barite intervals are present at 257.27, 297.08 and 378.12 metres. Thin intervals of thick-bedded pyrite of the Proximal facies were intersected from 398.45 and 409.37 metres before transitioning into the Cardiac Creek Zone. The zone occurs from 416.05 to 439.91 metres with moderately well-developed bands of steel grey sphalerite and minor pyrite. A very thin interval of debris flow underlies the zone from 443.58 to 444.02 metres. The hole ended in the calcareous siltstones of the Road River Group at a depth of 461.77 metres.

<u>A-15-126</u>

Drill hole A-15-126 tested the down-dip extents of the high-grade core below A-07-50. The drill hole did not flatten as expected and an abrupt shift in the azimuth occurred at 512.67 metres resulting in a pierce point much further down-dip and in the vicinity of A-95-18. Because the pierce point obtained information in a relatively new area previously tested by a single drill hole it was decided to complete the drill hole despite the deviation encountered.

The hole collared into the black siliceous shales of the Gunsteel formation. Stratigraphy in the upper parts of the drill hole is dominated by intervals of baritic shale in close association with fragmental shales from the collar to a depth of 195.28 metres. The middle section of the hole from 195.28 to 649.22 metres consists primarily of black siliceous shales with a few minor intervals of distal laminated pyrite with nodular barite. Three distinct intervals of Proximal and poorly developed Cardiac Creek Zone mineralisation occur from 649.22 to 741.65 metres interbedded with intervals of black siliceous shales. The mineralisation is dominated by thickly bedded very fine grained pyrite. Weakly developed sphalerite banding occurs in the last interval of mineralisation from 728.47 to 741.65 metres. The Cardiac Creek Zone is underlain by laminar to bedded pyrite mineralisation with abundant irregular-shaped concretions from 741.65 to 762.70 metres. This mineralisation marks the contact between the Gunsteel and Paul River formation lithologies. This sequence of alternating debris flows and turbiditic shales of the Paul River formation occur from 762.70 to 803.48 metres. The hole ended in calcareous siltstones of the Road River Group at a depth of 814.43 metres.

A-15-127

The target situated below A-07-50 was re-attempted with hole A-15-127. Despite changing the dip to -76 from -81 the dip remained relatively straight resulting in a pierce point just below the target area but still in an area untested by any drilling.

The hole collared into a thin interval Akie formation soft shales. The upper section of the hole is very similar to A-15-126 with intervals of baritic shale, fragmental shale and disrupted silty shales and minor cherty shale. From 321.87 to 582.01 metres there are several intervals of distal facies laminated pyrite and nodular barite and fragmental shale. The Proximal facies pyrite and minor intervals of cherty shale and black siliceous shale occur from 582.01 to 612.73 metres. The Cardiac Creek Zone occurs from 617.36 to 648.68 metres and the Footwall Zone is present from 660.78 to 670.43 metres. Mineralisation in both zones is characterised by laminar pyrite beds with bands of steel grey sphalerite. Mottling textures within the sphalerite bands increase towards the base of the Cardiac Creek Zone and is prevalent through the Footwall Zone. The Footwall Zone is underlain by laminar bedded pyrite with abundant irregular-shaped concretions from 670.43 to 687.06 metres. A thick interval of the debris flow of the Paul River formation is present from 687.06 to 710.88 metres. The hole ended in the calcareous siltstones of the Road River Group at a depth of 716.28 metres.

A-15-128 & A-15-129

In an attempt to obtain a pierce point down-dip of A-07-43 drill holes A-15-128 and A-15-129 were both abandoned due to excessive drill hole deviation. Drill hole A-15-128 was completed to a depth of 137.47 metres and A-15-129 was completed to a depth of 119.48 metres. The target was successfully achieved in A-15-130 described below.

A-15-130

Drill hole A-15-130 achieved a pierce point down-dip of A-07-43 despite rapid flattening of the dip.

The hole collared into several intervals of fragmental and baritic shale of the Gunsteel formation that extended to a depth of 73.86 metres. From 73.86 to 570.53 metres the hole intersected numerous intervals of cherty shale, fragmental and baritic shales and distal facies laminated pyrite with nodular barite. The thickly bedded pyrite of Proximal facies was intersected at 570.53 metres interbedded with minor chert and shale. Towards the base of the Proximal facies there is an increase sphalerite banding as the mineralisation transitioned into the Cardiac Creek Zone at 601.00 metres. The Cardiac Creek Zone persists to a depth of 626.38 metres and is characterised by abundant steel grey sphalerite banding within pyrite beds. Mottled textures within the sphalerite bands are common from 614.63 to 626.38 metres. A weakly developed Footwall Zone is present from 637.43 to 640.22 metres underlain by laminar to bedded pyrite mineralisation. A thin section of pyrite-rich massive sulphides and laminar pyrite are intermixed with the debris flows of the Paul River formation from 649.35 to 654.52 metres. Thick interval of debris flow is present from 654.52 to 680.00 metres. The hole ended in calcareous siltstones of the Road River Group at a depth of 690.08 metres.

<u>A-15-131</u>

The final drill hole of the 2015 drilling program was an infill hole along the up-dip extents of the high-grade core of the deposit in the vicinity of holes A-08-54, A-08-56, A-08-57 and A-14-111. Down-hole deviation resulted in greater than expected flattening resulting in a pierce point location slightly higher than intended.

The hole collared into the Gunsteel formation shales with thick intervals of baritic shale occurring near the top of the hole. From 140.74 to 261.96 metres the hole intersected several intervals of distal facies laminated pyrite and nodular barite and minor cherty shales. No Proximal facies mineralisation was present in this hole. The Cardiac Creek Zone occurs from 266.16 to 288.36 metres with abundant thick beds of laminar pyrite and an increasing amount of steel grey sphalerite banding towards the base of the zone. The zone is underlain by 8.69 metre thick interval of massive granular looking barite with minor sphalerite, galena rich sulphide mineralisation. A thin interval of debris flow was intersected from 299.90 to 301.20 metres. The hole ended in the calcareous siltstones of the Road River Group at a depth of 322.17 metres.

8.6 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.

Hole ID	From (m)	To (m)	Length (m)	True Width (m)	Zone	Zn (%)	Pb (%)	Ag (g/t)	Zn+Pb (%)
A-15-121	419.16	531.00	111.84	64.29	Envelope	6.06	1.28	14.24	7.34
incl	419.16	483.32	64.16	36.89	CCZ	8.03	1.82	16.38	9.85

incl	433.80	483.32	49.52	28.51		10.22	2.34	20.45	12.56
incl	445.90	482.07	36.17	20.84		12.76	2.93	25.01	15.69
incl	459.55	482.07	22.52	12.98		13.83	3.23	28.98	17.06
and	493.08	508.48	15.40	8.86	FW	8.88	1.36	21.51	10.24
and	523.06	535.52	12.46	7.14	MS	1.98	0.17	11.09	2.15
A-15-122	474.45	519.3	44.85	39.16	CCZ	5.75	1.12	11.16	6.87
incl	489	515.70	26.70	23.36		8.63	1.68	14.64	10.31
incl	498	512.10	14.10	12.35		11.4	2.22	17.92	13.62
A-15-124	577.63	662.30	84.67	58.53	Envelope	4.57	0.90	9.20	5.47
incl	601.13	656.41	55.28	38.43	CCZ	6.41	1.32	12.30	7.72
incl	607	656.41	49.41	34.41		7.00	1.46	13.33	8.46
incl	617	656.41	39.41	27.51		8.19	1.77	15.69	9.96
incl	625.8	656.41	30.61	21.41		9.47	2.11	18.22	11.58
incl	632.07	656.41	24.34	17.04		10.74	2.46	20.18	13.20
incl	640.6	656.41	15.81	11.09		13.99	3.21	26.43	17.20
A-15-123	Abandoned								
A-15-125	414.85	441.62	26.77	23.37	CCZ	7.25	1.28	12.28	8.53
incl	416.05	439.91	23.86	20.83		7.97	1.41	12.99	9.38
incl	421.87	439.91	18.04	15.76		9.71	1.74	15.75	11.45
incl	425.5	439.91	14.41	12.59		10.78	2.02	17.71	12.80
incl	429.98	439.91	9.93	8.68		12.98	2.47	21.76	15.45
A-15-126	651.22	747.00	95.78	52.46	Envelope	2.34	0.40	5.02	2.74
and	651.22	674.12	22.90	12.1	HW	3.06	0.48	7.01	3.54
and	695.40	716.51	21.11	11.72	CCZ	4.61	0.84	9.79	5.45
and	728.47	758.75	30.28	17.05	FW	1.94	0.33	4.36	2.27
incl	728.47	741.65	13.18	7.40		3.17	0.60	6.54	3.77
A-15-127	617.36	674.40	57.04	35.66	Envelope	4.82	1.00	9.93	5.82
and	617.36	648.68	31.32	19.49	CCZ	5.15	1.05	10.54	6.20
incl	623.57	648.22	24.65	15.36		6.21	1.28	12.12	7.49
incl	630.81	648.22	17.41	10.86		6.97	1.56	14.45	8.53
and	660.78	674.40	13.62	8.57	FW	8.09	1.74	16.52	9.83
incl	660.78	670.43	9.65	6.07		10.80	2.37	21.32	13.17
A-15-128	Abandoned								
A-15-129	Abandoned								
A-15-130	596.59	649.72	53.13	34.03	Envelope	3.47	0.65	7.01	4.12
and	601.00	625.75	24.75	15.82	CCZ	5.68	1.09	10.51	6.77
incl	606.75	625.75	19.00	12.15		6.97	1.38	12.84	8.35
and	637.43	649.72	12.29	7.91	FW	2.83	0.49	6.76	3.32
incl	637.43	640.22	2.79	1.79		8.75	1.73	15.41	10.48
A-15-131	266.00	289.53	23.53	21.17	CCZ	5.45	1.19	10.89	6.64
incl	270.13	288.53	18.40	16.57		6.46	1.24	12.24	7.70

incl	273.83	288.53	14.70	13.25		6.79	1.35	13.19	8.14
incl	277.73	288.53	10.80	9.74		8.22	1.61	16.00	9.83
incl	277.73	285.40	7.67	6.91		8.99	1.80	15.46	10.79

Table 8-2: Summary of drill results. Note: True widths calculated based on the assumed orientation of the Cardiac Creek deposit with a 70 degree dip. (CCZ – Cardiac Creek Zone, FW – FW Zone, MS – Massive sulphide, NLZ – North Lead Zone, NICK – Nick style mineralisation) (*): Values below detection limit given half the value for the purposes of weighted averages.

8.6.1 Cardiac Creek Deposit

The drilling on the Cardiac Creek deposit targeted specific areas in order to expand the high-grade core of the deposit and provide infill information. Drill holes A-15-122, 125, and 131 all provided infill information on the deposit. The intercepts in each hole returned results very similar in grade and thickness to the pierce points surrounding them (Table 8-2). Thin intervals in A-15-125 and A-15-131 located within the debris flows of the Paul River formation returned results suggestive of Nick-style mineralisation (Table 8-3). A very thin, 44 centimetres, interval of debris flow was intersected in A-15-125 from 443.58 to 444.02 metres. Sampling of this interval returned anomalous values of Pb, Zn, Ni, U, V, P, La, and Cr compared to the samples around it. The elevated values of Ni, U, V and P are particularly characteristic of the Nick-style mineralisation. The debris flow present in A-15-131 was thicker than that present A-15-125 at 1.30 metres from 299.90 to 301.20 metres. The 60 centimetre sample taken at 300.60 metres appears to be representative of the Nick-style mineralisation returning anomalous values of Cu, Pb, Zn, Ni, U, V, P, La, Cr, Hg and Se. In particular, the P and Se values were extremely anomalous compared to the surrounding samples and are very characteristic of Nick-style mineralisation

Hole ID	A-15-125	A-15-131
Sample #	2695158	2695716
Interval (metres)	443.58 to 444.02	300.60 to 301.20
Length (metres)	0.44	0.60
Elemental Enrichment	Pb, Zn, Ni, U, V, P, La, Cr	Cu, Pb, Zn, Ni, U, V, P, La, Cr, Hg, Se

Table 8-3: Table of 2015 Nick-style mineralisation intercepts.

Drill holes A-15-121, A-15-124, A-15-126, A-15-127 and A-15-130 all tested the down-dip extents of the high-grade core. This drilling was very successful in achieving the intended targets in comparison to previous attempts; however, the results were mixed.

Drill hole A-15-121 provided a pierce point located in the central core of the deposit down-dip of A-08-53 and along strike of holes A-05-30 and A-05-32. The results from this hole were very comparable to holes 30 and 32 with extremely thick intersections of high-grade Pb and Zn mineralisation representing the Cardiac Creek Zone facies from 419.16 to 483.32 metres. The drill hole also contained a very high grade Footwall Zone from 493.08 to 508.48 metres. Situated along the contact between the debris flow of the Paul River formation and the Road River Group siltstones was a 12.46 metre interval of massive sulphide dominated by pyrite with minor carbonate-sphalerite-galena mineralisation. Drill hole A-15-124 achieved a pierce point down-dip of A-05-32 providing a thick intersection of high-grade mineralisation similar to but slightly lower grade than hole 32. The main interval of Cardiac Creek Zone mineralisation is present from 601.13

to 656.41 metres. Drill hole A-15-127 achieved a pierce point located down-dip of A-07-50 and along strike of A-06-35. The mineralisation intersected was comparable to A-06-35 but lower grade than A-07-50. The Cardiac Creek and Footwall Zones were well represented by 31.32 and 13.62 metre intervals and the Cardiac Creek Zone contained higher grade material towards the base of the interval.

Drill holes A-15-126 and A-15-130 both intersected mineralisation that was lower grade than expected. Hole 126 provided a pierce point in the immediate vicinity of hole 18 however the mineralisation is hosted within three distinct intervals representing a Hangwall Zone, the Cardiac Creek Zone and the Footwall Zone separated by thick intervals of black siliceous shale. All three intervals are of comparable thicknesses with the Cardiac Creek Zone being the highest grade interval. The occurrence of mineralisation was similar to hole 18 however the grade was lower than expected in comparison to holes 18 and 35. Hole A-15-130 provided a pierce point directly down-dip of A-07-43 intersecting a 24.75 metre thick Cardiac Creek Zone and a 12.29 metre thick Footwall Zone. Grades were lower than expected in comparison to those intersected in hole 43

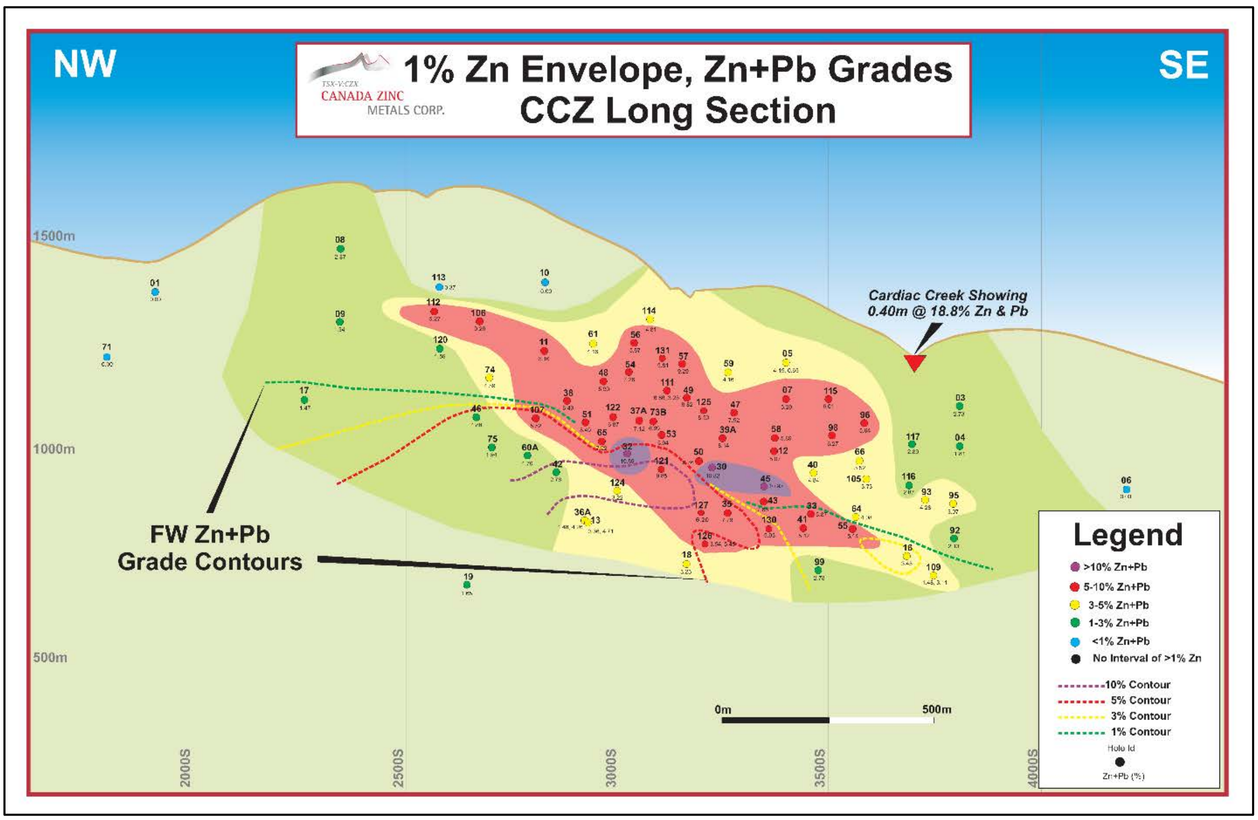


Figure 8-1: Long section across the Cardiac Creek Deposit

8.7 Discussion

8.7.1 The Cardiac Creek Deposit

The objectives for the 2015 drill program focused on infill within the core of the deposit and expansion of the high-grade zone down dip. Drill holes A-15-122, A-15-125 and A-15-131 all intersected results consistent with the surrounding drill holes (Appendix 1). Drill holes A-15-121, A-15-124, A-15-126, A-15-127 and A-15-130 all tested the down-dip extents of the high-grade core in the central area of the deposit (Appendix 1). Drill holes A-15-121 and A-15-124 intersected mineralisation consistent with the surrounding high-grade holes (e.g. A-05-32 and A-05-30). Drill holes A-15-127 and A-15-130 returned results similar to A-06-35 but of lower grade than the up-dip intersections. The occurrence of mineralisation intersected in drill hole A-15-126 was significantly different compared to the surrounding drill holes, A-95-18 and A-06-35. Three distinct intervals of mineralisation were intersected and interpreted to be representative of the Hangingwall Zone, Cardiac Creek Zone and the Footwall Zone. A rapid shift in the surveyed azimuth caused hole 126 to be in close proximity to hole 18. Hole 18 intersected two clear zones of mineralisation with significant Zn-Pb grade in contrast to the three zones in hole 126. Given the consistency of how the mineralisation occurs across the deposit it is uncertain as to the exact cause of the apparent missing interval of mineralisation in hole 18.

There are a number of possible reasons to explain this apparent discrepancy:

1) At depth, the deposit begins to split into the Cardiac Creek Zone and Footwall Zone. Perhaps the Hangingwall Zone is simply another split or folded segment of the Cardiac Creek Zone. This split was not present in hole 18.
2) There is mineralisation present in hole 18 from 953.00 to 962.70 metres situated between the two main intervals of mineralisation. This interval could be representative of the Cardiac Creek Zone from hole 126.
3) The survey data from hole 18 contained several rapid shifts in the azimuth and dip. The exact location of the hole at depth could be uncertain. The drill log notes that the hole was abandoned at a depth of 1030.50 metres due to excessive drill hole deviation and that it was too shallow to continue. Because of this it is possible hole 18 is located further up dip and that the mineralisation encountered is comparable to hole 127 rather than 126.
4) If the survey data is representative and holes 18 and 126 are essentially in their correct positions this is suggestive that the character of the mineralisation changes locally at depth. The Zn and Pb grades in hole 18 are higher than those encountered in hole 126. It is possible that despite a decrease in grade from holes 35 and 127 towards hole 126 that there is a subsequent increase from hole 126 towards hole 18.

The 2015 drilling did not close off any portion of the deposit. The central core of the deposit in the vicinity of holes 121 and 124 suggest the continued presence of very high-grade material. The lower than expected grade encountered in hole 126 suggests that the potentially economic grades of Zn and Pb may be locally weakening down dip however due to the difference in grade with respect to hole 18 this is somewhat uncertain.

8.7.2 Nick Style Mineralisation

An unexpected development from the 2015 drilling was the identification of additional Nick-style mineralisation in holes A-15-125 and A-15-131 based on the suite of anomalous elements returned from the sampling. Both intersections are thin and occur along the contact between the debris flows of the Paul River formation and the calcareous siltstones (Silurian Siltstone) of the Road River Group. The elemental signature of the two occurrences is very similar to intersections from previous drilling. Additionally, a review of all the analytical results from 2006 to 2014 was conducted in order to determine whether there were any previously unrecognised intervals of Nick-style mineralisation. Table 8-4 presents all of the intersections of recognised Nick-style mineralisation encountered to date on the Akie property, their stratigraphic position and elemental enrichment. Intervals from A-10-72, A-13-103 and A-13-106 used Acme Analytical's (now Bureau Veritas) Group 1F 54 element package to determine whether there was any enrichment in rare earth and platinum group elements. Also, intervals occurring along the limestone to Road River Group siltstone contact are typically diluted by the amount of limestone material being included in the sample interval. As a result, the enrichment of elements is muted in comparison to intervals such as A-10-72 (Plate 8-5) or A-13-103. The interval recognised in A-07-44 will be sampled during a future exploration program on the Akie property.

Hole ID	From/To (m)	Length (m)	Sample #	Elemental Enrichment	Strat. Location
A-07-44	206.40 to 207.31	0.91	Unsampled	-	Limestone/RRG contact
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-10-72*	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-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

Table 8-4: Table of Nick-style intercepts recognised in drill core on the Akie property since 2007. (*) denotes the use of Acme analytical's Group 1F 54 element package to obtain rare earths and PGE's.

Based on the elemental enrichment there appears to be a core group of elements that are enriched within Nick-style mineralised occurrences. This includes:

Pb, Zn, Ni, U, V, P, La, Cr, Se

There is a diverse group of secondary elements that are not consistently enriched in all intervals possibly due to dilution from surrounding sampled material. It is expected that additional intervals intersected in future drill programs will continue to refine the group of core elementals that define the Nick-style mineralisation. The mineralogy is poorly understood. Due to the fine grained nature of the sulphides present within these intervals direct mineralogical characteristics are rarely observed. Pyrite appears to constitute the majority of the observed sulphides in these intervals. Millerite crystals were observed in the intercept from A-08-62 (Plate 8-6).

Plate 8-5: Nick style mineralisation in A-10-72 from 299.37 to 301.57m (Photo taken by N. Johnson 2010)

Plate 8-6: Close up of Nick-style mineralisation in A-08-62 showing needle/lath shaped Millerite crystals overgrowing pyrite mineralisation (Photo: Nick Johnson 2014)

Despite the differing depositional settings, the similarities in the elemental signature strongly suggests a genetic link between the occurrences on the Akie property. The depositional setting of each occurrence is displayed in Figure 8-2. Spatially these occurrences infer a strike length of 5.5 kilometres occurring in four target areas on the Akie property: The NW Extension, Cardiac Creek deposit and the South Zinc Anomaly (Figure 8-3). This distribution suggests that this style of mineralisation may be widespread on the Akie property and possibly within the Kechika Trough. It should be considered as a viable target for future exploration programs. Unfortunately, there is very little historical work within the Kechika Trough that analysed for elements other than Pb and Zn. Future programs should also turn their attention to the contact between the Kwadacha limestone and the Silurian siltstone and the black shales of the Paul River formation and assess coincident elemental anomalies as per Table 8-3 and Table 8-4.

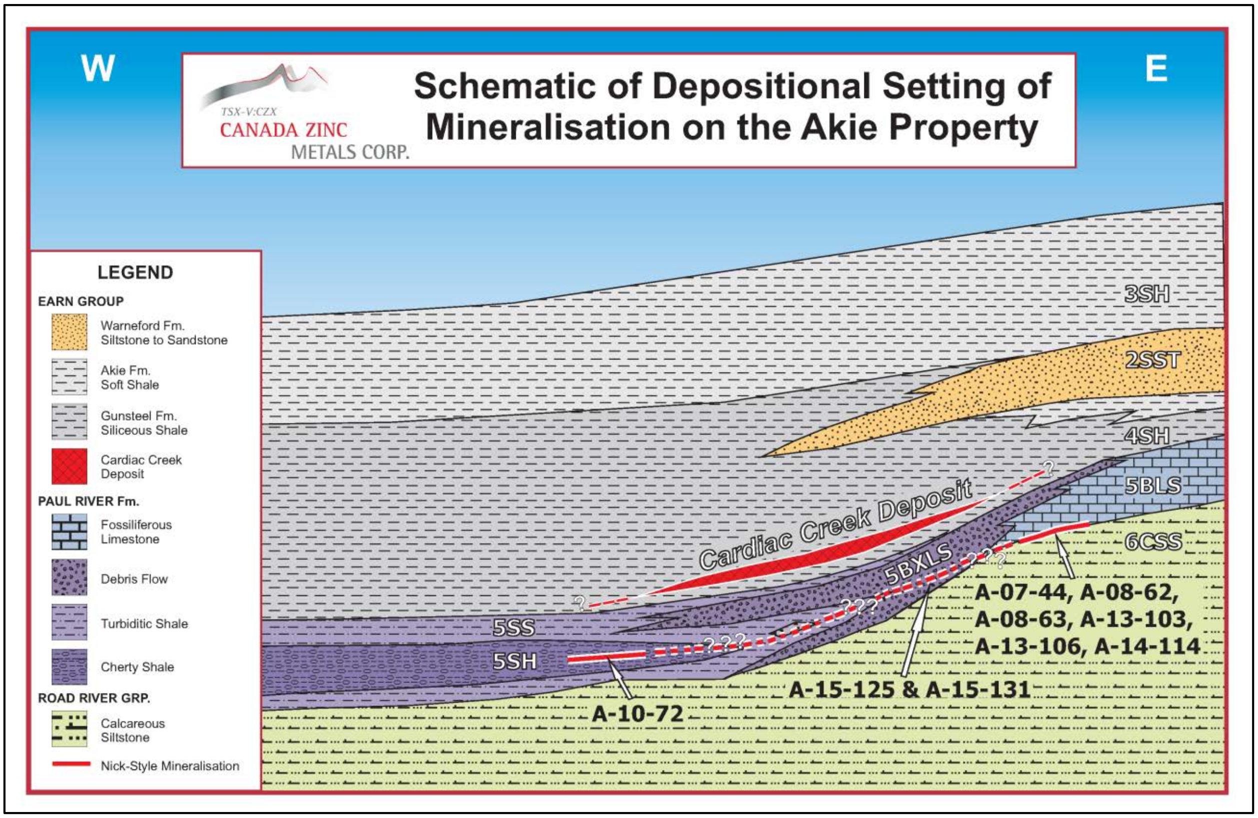


Figure 8-2: Depositional setting of the Cardiac Creek and Nick-style mineralisation on the Akie Property.

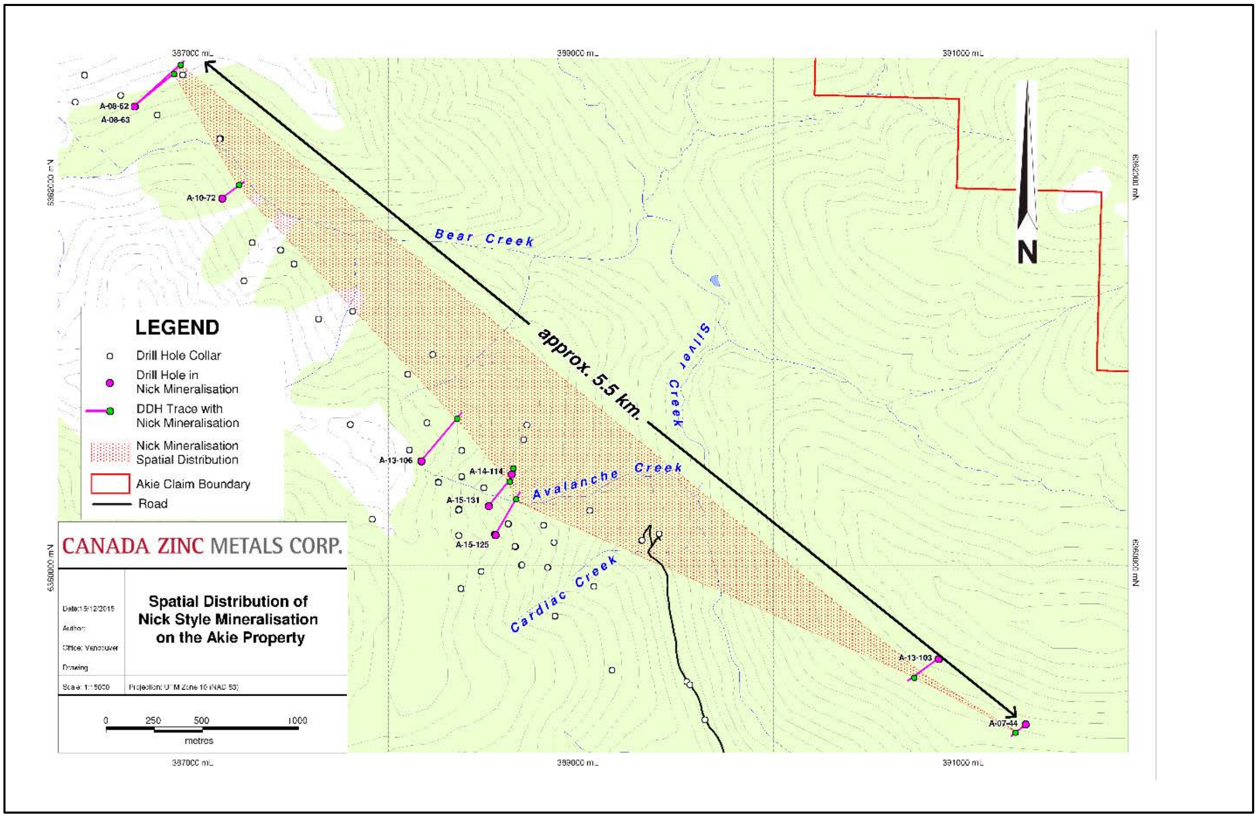


Figure 8-3: Spatial distribution of the Nick style mineralised occurrences across the Akie property.

9.0 Conclusions and Recommendations

The 2015 Akie drilling program was successful in achieving its objectives. All of the planned drill targets were tested returning good results.

1. Infill drilling (A-15-122, A-15-125, A-15-131) on the Cardiac Creek deposit continues to demonstrate the consistency of the high-grade core in both thickness and grade.
2. Drilling the down-dip extents of the high-grade core in the central area of the deposit was very successful. Drill holes A-15-121 and A-15-124 returned extremely high-grade results and the area remains open for further infill. The presence of a >12 metre thick massive sulphide lens in A-15-121 is encouraging and possibly suggestive of a feeder zone. Drill holes A-15-126 and A-15-130 returned lower than expected grade suggesting that the deposit down-dip and at depth might be beginning to locally weaken.
3. Drill holes A-15-125 and A-15-131 intersected mineralisation inferred to be representative of Nick-style mineralisation based on the elemental enrichments returned from sampling. Mineralisation occurred within the debris flows of the Paul River formation and in contact with the calcareous siltstones of the Road River Group. Mineralisation of this type had not been intersected at this stratigraphic position previously.

Based on the 2015 drill results a couple of recommendations can be made for future exploration programs on the Cardiac Creek deposit:

1. Continued infill and expansion is recommended on the Cardiac Creek deposit along strike and down-dip. These target areas are outlined in Figure (9-1).

2. Based on a review of historical drill core and the new intersections in A-15-125 and A-15-131 a drill hole is recommended on the NW Extension Target area to test the down-dip extent of the mineralisation encountered in A-10-72, the thickest intercept to date. The drill hole should represent a significant step out of at least 200 metres to determine whether the mineralisation is developing and thickening at depth. This will also intersect the Cardiac Creek horizon in the upper portion of the hole allowing two targets to be tested at once. Prospecting along the Kwadacha Limestone/Silurian Siltstone contact is also recommended during regional exploration programs as well.

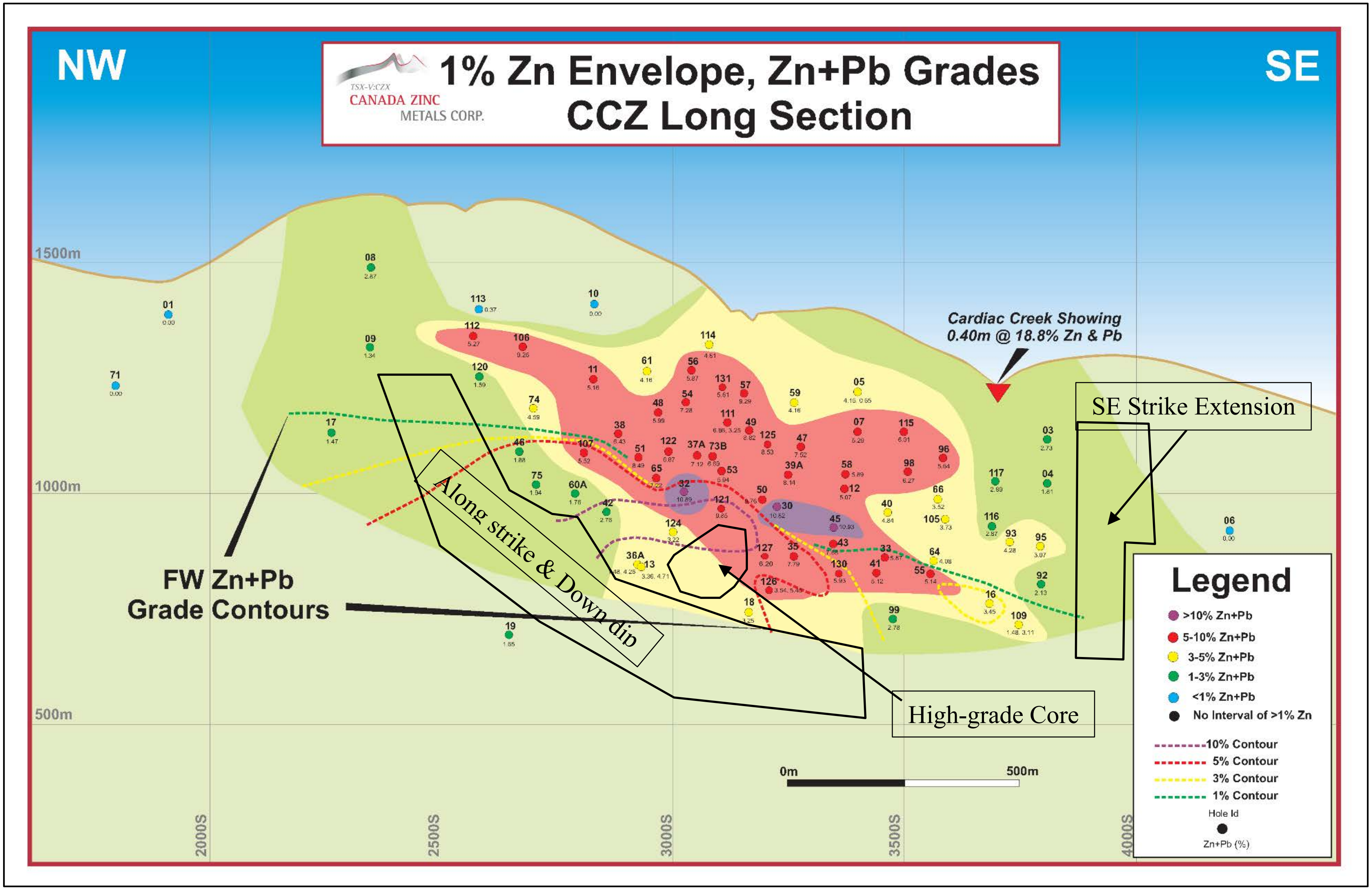


Figure 9-1: Proposed target locations on the Cardiac Creek deposit

10.0 References

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11.0 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 Canada Zinc Metals 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 2015 Diamond Drilling Program on the Akie Property: Summary Report"

Dated in Vancouver, B.C., on the 15th of January, 2016.

Nicholas L. Johnson, B.Sc. (Hon.)

12.0 Statement of Expenditures

CONTRACTOR	CATEGORY	Who	Dates	Type	Unit	Quantity	Unit Rate	Sub-Total	Total
Alpha-One Mobile Radio	COMMUNICATIONS		June - October 2015	Handheld Radio Rental	mon	4.0	$898.80	$3,595.20	
				Repairs	ls	1.0	$192.60	$192.60	$3,787.80
Axton Inc.	MATERIALS		15 June, 8 Aug 2015	Core Racks	ls	10.0	$4,681.25	$46,812.50	$46,812.50
Bandstra Transport Systems Ltd.	FREIGHT		June - October 2015	Freight	lbs	13531.0	$0.32	$4,387.15	$4,387.15
BC Communications Inc.	COMMUNICATIONS		June - October 2015	Satellite Phone Rental	mon	4.0	$263.22	$1,052.88	
				airtime	mins	6.0	$2.55	$15.28	$1,068.16
Bureau Veritas Commodities Canada Ltd.	ANALYSIS		July - October 2015	Drill Core	#	1119.0	$43.94	$49,168.04	
				Reruns	#	18.0	$15.75	$283.50	$49,451.54
Central Interior Piping & Maintenance Ltd. (Can-Crane Specialists)	FREIGHT		3 July, 13 Aug 2015	Freight	hrs	110.5	$140.16	$15,487.80	$15,487.80
Coast Mountain Geological	FIELD EXPENDITURES		June-October 2015	Travel Expenses (Airfare, Hotels & Expenses)	ls	1.0	$6,457.81	$6,457.81	
	COMMUNICATIONS			Satellite System Rental	mon	3.7	$800.00	$2,960.00	
				Radio Repeater Rental	mon	3.7	$425.00	$1,572.50	
				Misc. (AIC, Xplornet)	mon	3.7	$869.34	$3,216.54	
	EQUIPMENT			Misc. (supplies)	ls	1.0	$2,238.70	$2,238.70	
	TRANSPORTATION			ETV Rental	day	115.0	$125.00	$14,375.00	
	PERSONNEL	Pat McLaughlin	8 Jul to 31 Jul 2015	Geologist	day	54.0	$600.00	$32,400.00	
			13 Aug to 11 Sep 2015						
		Scott Dowler	10 Jun to 8 Jul 2015	Geologist	day	82.5	$600.00	$49,500.00	
			23 Jul to 21 Aug 2015						
			9 Sept to 2 Oct 2015						
		Jordan Lewis	9 Jul to 7 Aug 2015	First Aid/Geotechnician	day	71.0	$460.00	$32,660.00	
			23 Aug to 2 Oct 2015						

		Greg Sotiropoulos	10 Jun to 10 Jul 2015	First Aid/Geotechnician	day	44.0	$460.00	$20,240.00	
			12 Aug to 24 Aug 2015						
	OTHER			Adminstration	%		$0.10	$1,144.44	$166,764.99
Dollar Saver Lumber	MATERIALS		18 June 2015	Pad Building Lumber	ls	1.0	$7,672.70	$7,672.70	$7,672.70
ESS	MOBILIZATION			Mobilisation	ls	1.0	$19,063.40	$19,063.40	
	PERSONNEL	Ben Wallace	11 June to 25 July 2015	Cook	day	106.0	$331.57	$35,146.42	
			2 Aug to 30 Sept 2015						
		Ethan Malone	5 July to 30 Sept 2015	Bull Cook/Baker	day	88.5	$315.71	$27,940.34	
		James Peterson	11 June to 4 July 2015	Bull Cook/Baker	day	24.5	$315.71	$7,734.90	
		John Kohut	11 June to 25 July 2015	Maintenance/Camp Foreman	day	106.0	$331.57	$35,146.42	
			2 Aug to 30 Sept 2015						
	MATERIALS			Groceries/Food	manday	1755.0	$25.51	$44,763.06	
				Camp Supplies/Maintenance	ls	1.0	$5,537.63	$5,537.63	
				Expenses/Misc	ls	1.0	$674.20	$868.89	
	COMMUNICATIONS			Satellite Comms/Internet	mon	4.0	$3,340.28	$13,361.13	
	TRANSPORTATION			Truck	day	116.0	$80.00	$9,280.00	
				Administration	%		$0.10	$8,853.39	$207,695.57
Finning	EQUIPMENT		20 Aug 2015	Camp Generator Maintenance	ls	1.0	$1,734.85	$1,734.85	$1,734.85
Gary Young Agencies	FUEL		June-October 2015	Gasoline (variable $/L)	litre	2888.0	$1.15	$3,310.91	
				Diesel (variable $/L)	litre	52703.4	$0.88	$46,177.19	
				Handling	ls	1.0	$6,539.08	$6,539.08	
				Genset Oil	ls	1.0	$765.64	$765.64	$56,792.82
Gauthier Ventures	FREIGHT		June-October 2015	Freight	lbs	35204.0	$0.34	$11,969.36	
				Cartage	hrs	60.0	$95.00	$5,700.00	
				Other (misc. items)	ls	1.0	$600.00	$600.00	
				Fuel Surcharge	%		$10.00	$1,702.32	$19,971.68
Greyhound	FREIGHT		15-Oct-15	Freight	lbs	47.0	$1.80	$84.77	$84.77
Hagens Home Hardware	MATERIALS		June-October 2015	Field Supplies	ls	1.0	$3,298.10	$3,298.10	$3,298.10
IRL Supplies	MATERIALS		June-October 2015	Field Supplies	ls	1.0	$511.14	$511.14	$511.14

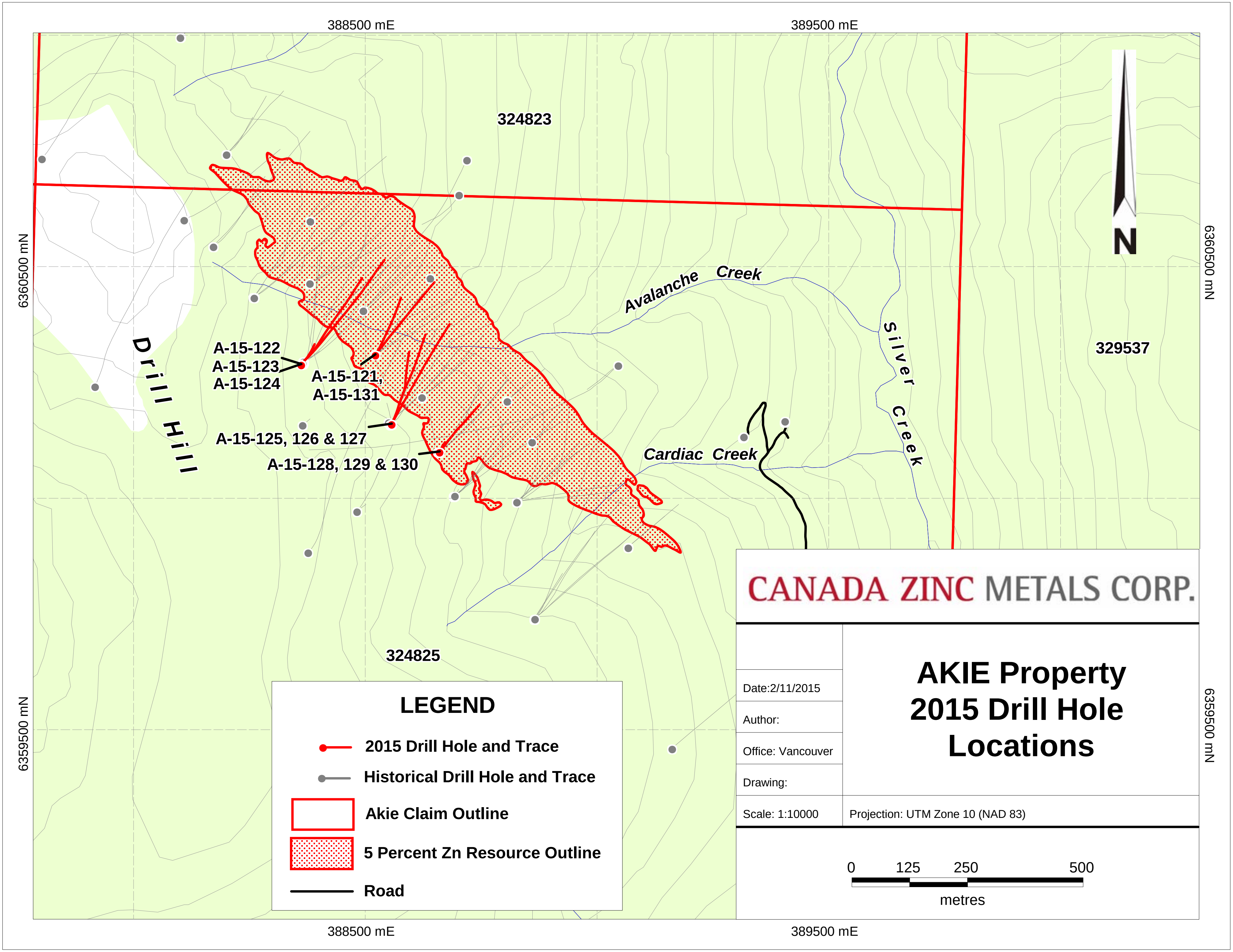
Kwadacha Natural Resources	PERSONNEL	Michael Massettoe	16 June to 1 July 2015	Drill Helper	day	51.5	$300.00	$15,450.00	
			15 July to 29 July 2015						
			13 Aug to 27 Aug 2015						
			3 Sept to 11 Sept 2015						
		Wade Massettoe	30 June to 5 July 2015	Drill Helper	day	6.5	$300.00	$1,950.00	
		Braedon Abou	8 July to 15 July 2015	Drill Helper	day	23.5	$300.00	$7,050.00	
			29 July to 14 Aug 2015						
		Darren Raphael	31 Aug to 3 Sept 2015	Drill Helper	day	14.0	$300.00	$4,200.00	
			10 Sept to 14 Sept 2015						
			16 Sept to 20 Sept 2015						
		Marty McCook	22 June to 17 July 2015	Bucker	day	26.0	$250.00	$6,500.00	
		Neil Pierre	22 June to 17 July 2015	Bucker	day	26.0	$250.00	$6,500.00	
		Jordan McCook	1 July to 10 July 2015	Field Assistant/Core Cutter	day	16.0	$250.00	$4,000.00	
			24 July to 31 July 2015						
		Darren Raphael	10 Aug to 20 Aug 2015	Core Cutter	day	16.0	$250.00	$4,000.00	
			27 Aug to 30 Aug 2015						
			4 Sept, 21 to 22 Sept 2015						
				Adminstration	%		$0.35	$17,360.00	
	TRANSPORTATION		31 July 2015	Road Access Maintenance (grading)	hrs	35.0	$151.75	$5,311.25	
			June - October 2015	Charter Flights (c/o NT Air)	Flt	61.0	$410.00	$25,010.00	
	MATERIALS		29 May 2015	Lumber for Padbuilding	ls	1.0	$3,452.50	$3,452.50	
			7 July 2015	Lumber Delivery	kms	600.0	$1.50	$900.00	$101,683.75
Liberty Transport	FREIGHT		June to October 2015	Freight	lb	116.0	$1.22	$141.54	$141.54
Midway Sanitary Supplies	MATERIALS		20 Aug 2015	Field Supplies	ls	1.0	$495.82	$495.82	$495.82
Minconsult Exploration Services	PERSONNEL	Kevin Bazil	11 Jun to 10 Jul 2015	Padbuilder	hr	291.0	$62.50	$18,187.50	
		Paul McKinnon	11 Jun to 10 Jul 2015	Padbuilder	hr	291.0	$60.00	$17,460.00	
		Michael MacDonald	12 Jun to 9 Jul 2015	Padbuilder	hr	275.0	$60.00	$16,500.00	

	EQUIPMENT			Equipment/Tools	day	30.0	$150.00	$4,500.00	
	TRANSPORTATION			Per diem	day	10.0	$65.00	$650.00	
				Travel Expenses	ls	1.0	$1,503.00	$1,503.00	
				Truck Rental	day	13.0	$125.00	$1,625.00	
				Mileage	km	2741.0	$0.54	$1,480.14	
	OTHER			Adminstration	ls	1.0	$225.45	$225.45	$62,131.09
Peter Dadson	PERSONNEL	Peter Dadson	26 Jul to 4 Sept 2015	Senior Geologist	day	41.0	$362.20	$14,850.00	$14,850.00
Superior Propane	FUEL		4 Aug 2015	Propane	litre	8567.7	$0.96	$8,227.24	$8,227.24
Treeline Wood Products	MATERIALS		16 Jun 2015	Coreboxes (HQ/NQ)	box	710.0	$11.75	$8,346.00	$8,346.00
Trico Industries	MATERIALS		June-October 2015	Field Supplies	ls	1.0	$989.34	$989.34	$989.34
Tsay Keh Dene	EQUIPMENT		30 Oct 2015	Camp Maintenance	hrs	32.0	$100.00	$3,200.00	$3,200.00
VEP Communications	EXPEDITING		June-October 2015	Expediting	mon	4.0	$2,308.38	$9,233.52	$9,233.52
WCM Minerals	MATERIALS		12 May 2015	QA/QC Mineral Standards	sa	80.0	$5.38	$430.14	$430.14
Western Exploration Drilling	MOB/DEMOB		June-October 2015	Mob/demob	trips	2.0	$15,000.00	$30,000.00	
	DRILLING			Coring (HQ/NQ 8DDH)	ft.	17576.0	$23.00	$404,248.00	
				Drill & Crew (Moving, setup, testing etc.)	hr	563.5	$125.00	$70,437.50	
				Consumables (bits, muds, casing caps etc.)	ft.	17651.0	$2.56	$45,132.82	
	EQUIPMENT			Zoom Boom	hr	50.0	$16.00	$800.00	
				Reflex EZ-Shot Rental	day	108.0	$85.00	$9,180.00	$559,798.32
Yellowhead Helicopters	TRANSPORTATION		June-October 2015	A-Star 350 B2	hr	305.8	$1,395.00	$426,591.00	
				Fuel (@ $1.33/L)	litre	54940.0	$1.33	$73,070.20	
				Crew Hours	hr	175.3	$160.00	$28,048.00	
				Oil	hr	274.7	$4.00	$1,098.80	
				Travel Expenses	ls	1.0	$2,712.26	$2,712.26	
	EQUIPMENT			Fuel Tank Rental	day	111.0	$75.00	$8,325.00	
	FREIGHT			Fuel Tank (Mob/Demob)	trips	2.0	$4,561.25	$9,122.50	$548,967.76
Canada Zinc Metals	PRE-FIELD PREP.		May 2015	Pre-Field Exploration Program Preparation	day	30.0	$500.00	$15,000.00	
	PERSONNEL	Gil Graham	11 Jun to 8 Jul 2015	Logistics Manager	mon	4.0	$8,041.98	$32,167.90	
			24 Jul to 14 Aug 2015						

			31 Aug to 1 Oct 2015						
		Nick Johnson	11 Jun to 26 Jun 2015	Project Geologist	mon	4.0	$8,041.98	$32,167.90	
			8 Jul to 29 Jul 2015						
			12 Aug to 2 Sept 2015						
			16 Sept to 1 Oct 2015						
		Ken MacDonald	24 Jun to 3 Jul 2015	VP Exploration	day	26.0	$750.00	$19,500.00	
			7 Jul to 10 Jul 2015						
			26 Aug to 31 Aug 2015						
			9 Sept to 14 Sept 2015						
	FIELD EXPENDITURES			Travel Expenses (Air, Hotel, meals, etc.)	ls	1.0	$7,418.23	$7,418.23	
	ASST REPORT PREP.			Drafting	hr	75.0	$75.00	$5,000.00	
				Post Field Data Compilation & Assessment Report Preparation	day	30.0	$300.00	$9,000.00	$120,254.03

TOTAL **$2,024,270.12** **$2,024,270.12**

APPENDIX 1
Cross Sections and Plan View Maps


388500 mE
389500 mE
6360500 mN
6359500 mN
324823
324825
329537
N
Drill Hill
Avalanche Creek
Silver Creek
Cardiac Creek
A-15-122
A-15-123
A-15-124
A-15-121,
A-15-131
A-15-125, 126 & 127
A-15-128, 129 & 130
LEGEND
2015 Drill Hole and Trace
Historical Drill Hole and Trace
Akie Claim Outline
5 Percent Zn Resource Outline
Road
CANADA ZINC METALS CORP.
AKIE Property
2015 Drill Hole
Locations
Date:2/11/2015
Author:
Office: Vancouver
Drawing:
Scale: 1:10000
Projection: UTM Zone 10 (NAD 83)
0
125
250
500
metres

SW
NE
388300mE
6360300mN
388400mE
6360400mN
388500mE
6360500mN
388600mE
1500mRL
1400mRL
1300mRL
1200mRL
1100mRL
1000mRL
900mRL
800mRL
4SH
4MPSH
4CC
500
600
4LPSH
A-08-54
338.28m
A-15-122
553.21m
A-05-32
638.4m
A-15-124
706.88m
Lithological Code
Depth in metres
Pb% Zn%
Hole Id
Depth at EOH
CANADA ZINC METALS CORP.
Date:9/11/2015
Author:
Office: Vancouver
Drawing:
Scale: 1:1000
Projection: Custom Projection
Akie Drilling
Cardiac Creek Zone 3000S
Lithology and Pb - Zn
Assay Values
0
25
50
metres


SW
NE
388300mE
6360300mN
388400mE
6360400mN
388500mE
6360500mN
388600mE
1500mRL
1400mRL
1300mRL
1200mRL
1100mRL
1000mRL
900mRL
800mRL
400
500
A-14-114
178.92m
A-15-131
322.18m
A-14-111
374.6m
A-10-73B
652.28m
A-07-53
460.08m
A-15-121
554.74m
Lithological Code
Depth in metres
Pb% Zn%
Hole Id
Depth at EOH
CANADA ZINC METALS CORP.
Akie Drilling
Cardiac Creek Zone 3100S
Lithology and Pb - Zn
Assay Values
Date:23/11/2015
Author:
Office: Vancouver
Drawing:
Scale: 1:1000
Projection: Custom Projection
0
25
50
metres


SW
NE
1500mRL
1400mRL
1300mRL
1200mRL
1100mRL
1000mRL
900mRL
800mRL
700mRL
6360200mN
388300mE
6360300mN
388400mE
6360400mN
388500mE
6360500mN
388600mE
A-15-125
461.77m
A-07-50
587.22m
A-15-127
716.28m
A-15-126
814.43m
Lithological Code
Depth in metres
Pb% Zn%
Hole Id
Depth at EOH
CANADA ZINC METALS CORP.
Akie Drilling
Cardiac Creek Zone 3200S
Lithology and Pb - Zn
Assay Values
Date:25/11/2015
Author:
Office: Vancouver
Drawing:
Scale: 1:1000
Projection: Custom Projection
0
25
50
metres


SW
NE
1400mRL
1300mRL
1200mRL
1100mRL
1000mRL
900mRL
800mRL
700mRL
388300mE
6360300mN
388400mE
6360400mN
388500mE
6360500mN
388600mE
A-08-58
479m
A-94-12
518.8m
A-07-45
584.01m
A-07-43
629.72m
A-15-130
690.08m
4MPSH
4CSH
4SH
600
4CC
4LPSH
4MS
5BXLS
Lithological Code
Depth in metres
Pb% Zn%
Hole Id
Depth at EOH
CANADA ZINC METALS CORP.
Akie Drilling
Cardiac Creek Zone 3350S
Lithology and Pb - Zn
Assay Values
Date:10/11/2015
Author:
Office: Vancouver
Drawing:
Scale: 1:1000
Projection: Custom Projection
0 25 50
metres

AKIE Property
Lithology Legend

Earn Group

Warneford Formation

2SST siltstone, sandstone with conglomerate lenses

Akie Formation

3SH Medium grey soft phyllitic shale

Gunsteel Formation

4DSS Disrupted siltstone to sandstone beds and fragments interbedded with black shales

4SS Black siliceous shales interbedded with calcareous grey siltstones

4FSH Fragmental Shale

4SH Black siliceous shales

4PYSH Laminar Py and nodular barite bands interbedded with black shales

Cardiac Creek Horizon

4MPSH Proximal Facies: Bedded Py w/minor barite +/- Sp, Ga interbedded with black shales

4CC Cardiac Creek Zone: Bedded Py, Sp and Ga interbedded with black shales. Very little nodular barite

4BSH/4MBSH/4LBSH Thickly bedded to laminar granular barite to distal nodular barite interbedded with black shales

4MS Crudely layered to massive sulphide lenses dominated by Py and lesser Sp and Ga

Paul River Formation

5SH/5SS Black siliceous shales with disrupted chert bed, discontinuous chert lenses, sub-mm Py laminations (5SH) and regular occurrence of calcareous light grey turbidite beds, sometimes graded (5SS).

5BXLS Debris Flow consisting of fragments of black shales, fossiliferous limestone, Silurian siltstone all hosted in black shales. Can be matrix supported to clast supported.

5BLS Bioclastic, fossiliferous Limestone (Kwadacha Reef).

unconformity

L Road River Group

Silurian Silststone

6CSS/6SS/6SH Undefined calcareous to dolomitic siltstone, bioturbated with silty shale interbeds

APPENDIX 2
Drill Logs

TSX-V:CZX
CANADA ZINC METALS CORP.

Akie Property

Drill Hole # A-15-121

Date	19-Jun-15	Logger	Scott Dowler

Collar Orientation

Proposed	
Azimuth	35
Dip	-83
Length (m)	500m

Actual	
Azimuth	
Dip	
Length (m)	554.74

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360311
Easting (m)	388522
Elevation (m)	1438
Grid Section	31505

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	17-Jun-15
Date Completed	25-Jun-15
Capped	Y
Casing	3.05 meters
Drilled Units	Imperial (converted to metric)

Hole Objective: The objective of drill hole A-15-121 is to intersect the Cardiac Creek zone at the core of the deposit, infilling an open area down dip of holes A-07-53, A-05-32, and A-07-50. Expand the high grade core of the deposit and expand the 5% indicated resource.

Comments: The magnetic declination for 2015 is 19.3 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	35	-83
15.24	349.7	-83.1
30.48	170.6	-81.6
76.20	33.1	-78
121.92	25.6	-76.6
135.64	25.5	-76.6
152.40	26.2	-76.3
176.79	25.4	-75.8
207.27	25.3	-75.8
252.99	25.6	-76.1
298.71	24.7	-75.9
344.43	23.2	-74.7
390.15	22.5	-74.6
435.87	21.3	-74
478.54	20.7	-73.7
527.31	18.8	-73.8

Hole Summary:
Drill hole A-15-121 was collared into typical black, siliceous Gunsteel shale and continued to 22.32m. From 22.32 – 31.39m was an interval of distal mineralization, characterized by nodular barite laminations at 45 – 55 degrees TCA. The nodular barite interval graded into a 13.95m thick interval of fragmental shale with a distinct fining downhole sequence. A large interval of black, siliceous Gunsteel continued from 45.34 – 169.93m with very few expressions of distal mineralization, consisting of laminar pyrite and nodular barite. From 169.93 – 401.85m is a large interval where Gunsteel shale is interbedded with thick intervals of increasingly proximal mineralization, consisting of shale containing regular laminations/ beds of pyrite and nodular barite. It is through this interval where we begin to observe a low angle cleavage becoming dominant, oriented at 0-15 degrees TCA. From 401.85 – 433.87m is an interval of core where beds of proximal mineralization are the dominant feature. These zones are characterized by thick beds of dull brown, very fine grained, laminar pyrite intermixed with rare bands of grey, very fine grained, laminar sphalerite.

The Cardiac Creek zone was first intersected at 433.87m, and continued with few breaks in lithology, to 479.13m. The mineralization in this interval was dominated by very fine grained, grey sphalerite, and light grey - cream colored, very fine grained, mottled quartz-carbonate-sphalerite-galena. This is interpreted as the high grade interval, which the hole was designed to hit.

From 479.13 – 508.48m is a mixture of high grade mottled mineralization, grey sphalerite bands and beds of massive barite, with a large section of interbedded shale, plus pyrobitumen(?) rich quartz-carbonate veining (@ 483.32 – 492.5m). Interbedded shale and massive barite beds/ laminations were intersected next, to a depth of 523.06m. Some sphalerite was observed within these intervals.

From 523.06 – 535.52m the drilling intersected a large representation of the footwall mineralization in the form of a massive sulphide lens (dominantly pyrite +/- tan colored sphalerite) that graded into a massive sulphide cemented breccias/ debris flow. At 535.32m the drilling started to entered a distinct unit of Paul

River debris flow and by 543.17m the hole had intersected the shut down rocks of the Road River group. End of hole is 554.17m.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-121	0.00	3.05	3.05	Casing	Casing/Overburden	CS		CS
A-15-121	3.05	22.32	19.27	Black, siliceous Gunsteel shale	Moderately hard, very fine grained, black, argillaceous, siliceous shale with minor mm scale, pyritic silty interbeds commonly scattered throughout at 40-50 deg TCA. Fine grained, disseminated, brassy pyrite throughout. Well cleaved and blocky broken core close to surface. Limonite stained fractures to 11.3m. From 15.62 - 16.09m is a small zone of erratic qtz-carb stockwork/ healed fault, containing trace honey colored sphalerite. Very rare mm-thick nodular barite laminations	4SH		GSF
A-15-121	22.32	31.39	9.07	Black, siliceous Gunsteel shale with pulses of fine grained nodular barite	Black, siliceous, fine grained shale containing 5-10cm thick pulses of mm thick nodular barite. Barite contains fine grained pyrite within. Nodular barite pulses occur every 20-100cm and nodular barite makes up 1-2% of the interval. Scattered, pyritic silty beds throughout shale beds. Well cleaved core. Nodular Barite and silt beds parallel to cleavage at 45-55 deg TCA. Gradational lower contact.	4BSH		GSF
A-15-121	31.39	45.34	13.95	Fragmental, black shale	Black mudstone matrix supported fragmental pulses interbedded by intervals of black Gunsteel shale. Fragmental pulses consist of mm sized to 5cm sized, sub-angular - sub-rounded clasts of pyritic siltstone, fine sandstone, black mud and grain supported, weakly bedded limestone. Most clasts are calcareous and clasts make up 15-25% of the fragmental pulses. Clasts are also frequently elongated with cleavage/bedding planes. The largest pulse of fragmental occurs from 40.3 - 45.34m and exhibits a distinct fining downhole sequence. Concretions of varying size first appear within this litho interval (up to 30cm wide). Rare beds of mm sized, nodular barite, similar to the previous interval.	4FSH		GSF
A-15-121	45.34	149.20	103.86	Black, siliceous shale	Moderately hard, very fine grained, black, siliceous shale with minor mm scale, pyritic silty interbeds scattered throughout at 40-50 deg TCA in the upper half of the interval. Fine grained, disseminated, brassy pyrite throughout. Well cleaved and blocky broken core. Scattered, rubbly - poker chip fault zones with graphitic cleavage planes. Concretions not notable until 105.4m, where two concretions were observed. From 107.46 - 129.07m is a large fault zone consisting of broken, poker chip core and sections of gouge and rubble. Small sections of carbonaceous mudstone are common throughout the faulted interval. Carbonate is commonly present as fracture infill stringers and as fault healing material. The thin silt interbeds become slighlty more frequent downhole and can be limey at times.	4SH		GSF
A-15-121	149.20	156.86	7.66	Black, siliceous shale with scattered beds of laminar pyrite. No nodular barite	Siliceous, moderately hard, black, very fine grained mudstone that is generally blocky and well cleaved at 35-45 deg TCA. There is very fine - fine grained, disseminated pyrite in varying quatities throughout the black mudstone. 1-3mm thick, very fine grained, wavy, brown pyrite laminations occur within 1-10cm thick beds, seperated by approximately 1m thick black mudstone intervals. This pyrite mineralization is generally oriented at 80-100 deg TCA. No concretions present. The upper contact is marked by a healed fault. The lower contact is marked by the end of pyrite rich beds.	4SH	4PYSH	GSF
A-15-121	156.86	169.93	13.07	Black, siliceous shale	Siliceous, moderately, hard, black, very fine grained mudstone that is generally blocky and well cleaved at 30-40 deg TCA. There is very fine grained, brassy disseminated pyrite throughout. There are occasional calcareous beds of mudstone containing medium to fine grained, brassy pyrite (ex Fr 159.38-159.6m) throughout the interval. Scattered throughout are minor quartz - carbonate +/- medium grained, brassy, cubic pyrite veinlets that are parallel to cleavage.	4SH		GSF
A-15-121	169.93	189.70	19.77	Black siliceous shale with regularly occuring beds of nodular barite and laminar pyrite	Regularly occuring 5-20cm thick beds of crenulated, dull brown, 1-4mm thick pyrite laminations intermixed with off-white, nodular barite laminations at a steep angle TCA. Nodular barite contains cubic, brassy pyrite in the core and has undergone minor carbonate replacement. There is generally one mineralized bed per meter. Dark grey and black, carbonaceous, 0.5 - 1.5cm wide concretions frequently occur within the mineralized beds, and occasionally are present in the featureless black shale beds. The concretions within the mineralized beds increase in quantity towards the bottom of the interval. The concrections within the black shale beds can be slighlty larger, up to 10cm wide. The core is very competent in this interval and cleavage is at a low angle to the core axis. The lower contact is sharp with a thick interval of black shale. There are occassional calcarous, dark grey, pyritic silt beds throughout	4PYSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-121	189.70	194.76	5.06	Black, siliceous shale	There is a small interval of siliceous, very fine grained, featureless, black mudstone void of pyrite and nodular barite beds. There are also no concretions within this bed. Very fine grained, disseminated, brassy pyrite throughout. INTERP: based on structural measurements this could be drilling through the nose of a synform	4SH		GSF
A-15-121	194.76	229.51	34.75	Black siliceous shale with regularly occuring beds of nodular barite and laminar pyrite	Regularly occuring 5-30cm thick beds of crenulated, dull brown, 1-4mm thick pyrite laminations intermixed with off-white, nodular barite laminations at a variable angle TCA. The beds are folded and generally at steep angle TCA. Nodular barite contains cubic, brassy pyrite in the core and has undergone minor carbonate replacement. Concretions are generally sub-cm and occur regularly within both mineralized beds, and featurless mudstone beds. The concrections within the black shale beds can be slighlty larger, up to 10cm wide. The core is very competent in this interval, and the dominant cleavage is at a low angle to the core axis. From 216.1m - 229.51m the mineralization weakens. Pyrite/ nodular barite beds are generally 2-10cm wide and seperated by 60-100cm wide black mudstone intervals. From 218.4-222.5m is a large unmineralized black mudstone bed.	4PYSH		GSF
A-15-121	229.51	230.74	1.23	Chert	Dark grey, very hard, generally massive chert containing abundant very fine grained, disseminated pyrite throughout. Towards the bottom of the interval are a few mm sized, dark black, very fine grained laminations of mudstone that have been strongly silicified. INTERP: Top downhole??? Fracture infill, carbonate stringer/veinlet stockwork is abundant throughout the interval (~5%). Upper contact at 25 deg TCA. Lower contact is gradational.	4CSH		GSF
A-15-121	230.74	251.75	21.01	Black, siliceous shale	Very fine grained, black, siliceous Gunsteel shale containing very fine grained, disseminated, brassy pyrite throughout. Thickly bedded interval of mudstone with no silt beds observed. Core is competent with cleavage at a low angle TCA. 0.2% fracture infill carbonate stringers oriented parallel to cleavage.	4SH		GSF
A-15-121	251.75	261.78	10.03	Black, siliceous shale with rare nodular barite beds	Very fine grained, black, siliceous Gunsteel shale containing very fine grained, disseminated, brassy pyrite throughout. Occasional pyritic silt bed oriented at 30-60 deg TCA. White, soft nodular barite beds occur infrequently in this interval and are also oriented at 30-60 deg TCA. The core of the nodular barite contans bright, brassy, coarse grained pyrite. Core is generally competent with cleavage at a low angle TCA. Faulted lower contact.	4SH	4BSH	GSF
A-15-121	261.78	324.60	62.82	Black, siliceous shale	Very fine grained, black, siliceous Gunsteel shale containing very fine grained, disseminated, brassy pyrite throughout. Thickly bedded interval of mudstone with no silt beds observed. Core is competent with cleavage at a low angle TCA. 0.2% fracture infill carbonate stringers oriented parallel to core axis. There are a few large (up to 40cm wide) concretions. The upper 10m of the interval is highly fractured and part of a fault at a low angle TCA. From 324.8 - 334.6m the frequency of 1-3cm sized concretions steadily increases and continues into the following interval of bedded pyrite/ nodular barite---> INTERP: gradational contact.	4SH		GSF
A-15-121	324.60	350.71	26.11	Black siliceous shale with regularly occuring beds of nodular barite and laminar pyrite	Black, siliceous, very fine grained mudstone interbedded with 1-9cm thick beds of very fine grained, dull brown, laminar pyrite, and off-white, nodular barite with bright brassy medium grained pyritic cores. Mineralized beds occur, on average, every 50-70cm throughout this interval at 20-25 deg TCA, and are very weakly crenulated. Pyrite mineralization is present in a 2:1 ratio to nodular barite. Most lamination are quite planar, in contrast to the previous pyrite/ nodular barite interval at 194.76 - 229.51m. --> INTERP: no longer in a fold hinge? A minor amount of cm size4d concretions are present in this interval and those that are present are found within the black shale interbeds. There are occassional, calcareous, pyritic silt beds. Core is competent and well cleaved at 20-30 deg TCA. At 333.57m is 20cm wide clast of bioclastic limestone. Small fault zone marks the lower contact	4PYSH		GSF
A-15-121	350.71	373.58	22.87	Black, siliceous shale with very rare nodular barite beds	Black, siliceous, very fine grained mundstone containing very fine grained, disseminated, brassy pyrite. There are very rare off-white, cm sized, nodular barite laminations scattered throughout the interval, making up <0.1% of the interval. Rare silt beds at a steep angle TCA. From 360.1 - 373.58m there is a noticeable increase in wavy and CA parallel quartz - carbonate +/- pyrite veining. There are a few large concretions throughout. Lower contact is proximal to a healed fault.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-121	373.58	381.86	8.28	Black, siliceous shale interbedded with frequently occurring beds of laminar pyrite and nodular barite	Black, siliceous, very fine grained mudstone interbedded with 1-6cm thick beds consisting of interlaminated, very fine grained, dull brown pyrite, and off-white, mm sized, nodular barite that has brassy pyritic cores. Mineralized beds are planar, and commonly oriented at 15-20 deg TCA. On average two beds occur per meter. Pyrite mineralization is generally present in a ration of 2:1 to nodular barite. 1-10cm sized concretions are present occassionally, but only within the mudstone intervals. INTERP: this interval is a transition from 4PYSH to 4MPSH --> based on nodualr barite size and thickness + frequency of pyritic laminations. Core is competent and well cleaved at 15-20 deg TCA. There is minor offset within mineralized beds along the shallow cleavage planes. Trace carbonate veining occurs along cleavage planes	4PYSH		GSF
A-15-121	381.86	401.85	19.99	Black siliceous shale with abundant quartz/ carbonate veining marking the lower contact	Black, siliceous, very fine grained mudstone containing very fine grained, disseminated pyrite throughout. There are rare 1-2cm sized, dark grey concretions throughout the upper 8m of interval (INTERP: gradational contact?). Core is competent and well cleaved at 15-20 deg TCA. From 394.9 - 401.85m is an interval where there is abundant quartz/ carbonate veining in a stockwork. Lower contact is a fault at 40 deg TCA	4SH		GSF
A-15-121	401.85	402.65	0.8	Black, siliceous shale interbedded by distinct beds of laminar pyrite and minimal nodular barite	This is a small interval of black, siliceous, very fine grained mudstone interbedded with beds of mostly laminar pyrite, and minor amount of nodular barite. It is recorded as 4MPSH due to its proximity to the aforementioned quartz/ carbonate stockwork, even though it does contain visible nodular pyrite. Mineralized beds are from 2-5cm thick and make up 50% of the interval. Micro-scale z-folds are visible within pyrite laminations--> INTERP: we have now drilled into the other limb of a synform. Concretions not observed in this interval	4MPSH		GSF
A-15-121	402.65	407.16	4.51	Black, siliceous shale	Very fine grained, siliceous, black mudstone containing very fine grained, disseminated pyrite throughout. In the upper 50cm of this interval there are 5mm long, oblong shaped, blebs of very fine grained, brassy pyrite oriented parallel to cleavage. From 406.3 - 407.16m few 1-3cm wide concretions are present leading up to the lower contact with MPSH. Contacts are at 40-45 deg TCA with mineralized beds	4SH		GSF
A-15-121	407.16	427.08	19.92	Black, siliceous shale interbedded with massive beds of laminar pyrite +/- barite +/- laminar sphalerite	Very fine grained, siliceous, black mudstone interbedded with massive sulphide beds composed predominantly of very fine grained, dull brown laminar pyrite interlaminated with very fine grained, mm sized, pyritic, nodular barite. There are rare bands of medium grey colored, very fine grained sphalerite within some massive sulphide beds. Massive sulphided beds are oriented at 30-40 deg TCA, and ranges from 1-35cm in thickness. Small, sub-cm sized, dark grey, granular, sub-round fragments occur frequently within the mineralized beds, and some 1-12cm wide (often septarian) concretions are observed as well. There are a few z-folds noted within the mineralized beds. Core is competent and cleaved along bedding planes at 30-40 deg TCA, as well as, at 10-15 deg TCA. INTERP: Primary cleavage is at 10-15 deg TCA.	4MPSH		GSF
A-15-121	427.08	427.66	0.58	Chert	Dark grey, very hard, narrow band of chert that is highly fractured. Quartz/ carbonate veins have infilled the fractures and formed a stockwork (~5-10%). Sharp, irregular upper contact with highly deformed, laminar, massive pyrite beds. Sharp lower contact at 25 deg TCA.	4CSH		GSF
A-15-121	427.66	430.87	3.21	Black, siliceous shale interbedded with beds of laminar pyrite +/- barite +/- laminar sphalerite	Very fine grained, siliceous, black mudstone interbedded with massive sulphide beds composed predominantly of very fine grained, dull brown laminar pyrite interlaminated with very fine grained, mm sized, pyritic, nodular barite. There are rare bands of medium grey colored, very fine grained sphalerite within some massive sulphide beds. Massive sulphided beds are oriented at 30-40 deg TCA, and ranges from 1-13cm in thickness. No fragments were observed within the mineralized beds and there were a minor amount of sub-cm sized concretions in the shale interbeds.	4MPSH		GSF
A-15-121	430.87	433.87	3	Black, siliceous shale	Black, very fine grained, siliceous mudstone containing very fine grained, brassy, disseminated pyrite. There are a few silty, pyritic beds througout the interval. From 430.87 - 431.17m, near the upper contact is zone where 3-6mm long, oblong clusters of fine grained brassy pyrite are common. 2-4mm sized, round concretions are rarely observed within this interval. Contacts are sharp with massive sulphide beds	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-121	433.87	442.02	8.15	Cardiac Creek zone composed of thick laminar, beds consisting of mostly bands of pyrite and sphalerite interbedded with less dominant black, siliceous mudstone.	This interval of the Cardiac Creek zone is characterized by massive sulphide beds composed of very fine grained, dull brown pyrite, interlaminated/ interbedded with very fine grained, grey sphalerite and rare bands of light grey - cream colored mottled carbonate, sphalerite and galena. Grey sphalerite bands, and bands with a mottled texture are generally 0.5 - 1cm wide. The sulphide beds are interbedded with black, siliceous shale at 24-40 deg TCA throughout the interval. Sulphide laminations are generally planar but can occassionally be weakly crenulated, and often these sulphide laminations bend and thin around fragments. Very fine grained galena is found predominantly associated with the mottled carbonate bands, but also within some sphalerite bands. There are also nodules of barite (?) that have been completely replaced by carbonate and very fine grained galena can often be found in the rim of these nodules. The fragments mentioned above vary in size from mm-scale to 10cm and vary in shape from round to rounded clusters. Fragments have a granular, dark grey appearance and are frequently bedded with laminar pyrite. They frequently have a white quartz/ carbonate rim +/- fine grained pyrite +/- fine grained galena.	4CC		GSF
					They frequently have a white quartz/ carbonate rim +/- fine grained pyrite +/- fine grained. They frequuently have a pressure shadow exhibiting clockwise rotation (?) (see picture) that contains carbonate +/- pyrite +/- galena. A fabric within the mineralization has been observed at 165 - 180 deg TCA. Sulphide beds vary from 2-25cm thick, and occassionally multiple thick beds are seperated by a few 1-4cm thick beds of black shale (see 434.08 - 435.8m). On average, observable pyrite makes up approximately 70-80%, observable sphalerite 10-20%, and observable galena 0.5-1%. The upper and lower contacts are sharp with multiple meter wide shale interbeds.			
A-15-121	442.02	445.17	3.15	Black, siliceous shale	Black, very fine grained, siliceous mudstone containing very fine grained, brassy, disseminated pyrite. There are a few silty, pyritic beds througout the interval. From 442.02 - 442.5m, near the upper contact is zone where 3-12mm long, oblong clusters of fine grained brassy pyrite are common (similar to the previous interval of black shale). 2-4mm sized, round concretions are rarely observed within this interval. Contacts are sharp with massive sulphide beds	4SH		GSF
A-15-121	445.17	460.68	15.51	Cardiac Creek zone composed of thick sulphide beds, dominantly with a mottled texture, and lesser banded texture. This is interbedded with minor amounts of black, siliceous mudstone	This interval of the Cardiac Creek zone is characterized by sulphide beds composed of dominantly very fine grained, grey sphalerite, and bands of light grey - cream colored mottled quartz/carbonate, sphalerite and galena; all interbedded/ interlaminated with very fine grained, dull brown pyrite. Grey sphalerite bands, and bands with a mottled texture are generally 0.5 - 10cm wide. From 445.17-446.11m the mineralization has a similar character to the previous interval. From 446.11m to the end of the interval, mottled, cream colored bands increase in frequency and thickness. The sulphide beds are interbedded with black, siliceous shale at 30-40 deg TCA throughout the interval. Sulphide laminations are generally weakly crenulated, and often these sulphide laminations exhibit z-folding with a fold axis or fabric pointing downhole at 0-15 deg TCA (similar to one generation of cleavage). Sulphide laminations also bend and thin around fragments. Very fine grained galena is found predominantly associated with the cream colored, mottled quartz/carbonate-spahlerite bands, but also within some of the grey, fine grained sphalerite bands. Nodular barite is non-existant in this interval.	4CC		GSF
					The fragments mentioned above vary in size from mm-scale to 10cm and vary in shape from round to rounded clusters. Fragments have a granular, dark grey appearance and are frequently bedded with laminar pyrite. They frequently have a white quartz/ carbonate rim +/- fine grained pyrite +/- fine grained galena. They frequently have a pressure shadow exhibiting clockwise rotation (?) (see picture) that contains carbonate +/- pyrite +/- galena. A fabric within the mineralization has been observed at 0-15 deg TCA. Sulphide beds vary from 3-40cm thick, and often multiple thick beds are seperated by a few 1-4cm thick beds of black shale (see 434.08 - 435.8m). On average, pyrite makes up approximately 35-45%, sphalerite 50-60%, and observable galena 5-10%. At 457.73m is a contact between shale and mottled ore that may be--> INTERP: a possible flame structure, suggesting TOPS DOWNHOLE. The upper contact is sharp with a couple meter wide shale bed, and the lower contact is sharp at 30 deg TCA with a chert bed.			

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-121	460.68	461.03	0.35	Cherty shale (?)	Grey, very fine grained, very hard chert (cherty shale?) bed containing minor cubic, very fine grained, brassy pyrite. There were also very fine grained, rounded, pyritic, calcareous (barite??) nodules throughout. The nodules sometimes form what appears to be bedding at 25 deg TCA. Quartz/ carbonate has infilled fractures that are oriented at 140-160 deg TCA --> INTERP: suggesting compression direction??? The rock fractures conchoidally when broken. The upper and lower contact are sharp at 30 deg TCA.	4CSH		GSF
A-15-121	461.03	479.13	18.10	Cardiac Creek zone composed of thick massive sulphide beds, dominantly with a mottled texture, and lesser banded texture. This is interbedded with minor amounts of black, siliceous mudstone	This interval of the Cardiac Creek zone is characterized by sulphide beds composed of dominantly very fine grained, grey sphalerite, and bands of light grey - cream colored mottled quartz/carbonate, sphalerite and galena; all interbedded/ interlaminated with very fine grained, dull brown pyrite. Grey sphalerite bands, and bands with a mottled texture are generally <1cm - 40cm wide. Similar to the previous cardiac creek interval there is a zone from 461.03m - 464.2m where the mineralization is more of a 50-50 split of pyrite to sphalerite/galena and the mottled texture is uncommon. From 464.2m to the bottom of the interval the mottled, cream colored, quartz-carbonate-sphalerite-galena bands increase in frequency and thickness (also similar to previous interval). INTERP: second major pulse of mineralization, seperated by a bed of chert (different basin chemistry??). The sulphide beds are interbedded with black, siliceous shale at 30-55 deg TCA throughout the interval, and sulphide + shale beds gradually change to a steeper orientation,.	4CC		GSF
					Sulphide laminations are generally weakly crenulated to folded, and often these sulphide laminations exhibit z-folding with a fold axis or fabric pointing downhole at 0-15 deg TCA (similar to one generation of cleavage). Sulphide laminations also bend and thin around fragments. Very fine grained galena is found predominantly associated with the cream colored, mottled quartz/carbonate-spahlerite bands, but also within some of the grey, fine grained sphalerite bands. Some mottled sections of quartz-carb are quite coarse (ex 475-475.35m). Nodular barite is non-existant. The fragments mentioned above vary in size from mm-scale to 10cm and vary in shape from round to rounded clusters. Fragments have a granular, dark grey appearance and are frequently bedded with laminar pyrite. They frequently have a white quartz/ carbonate rim +/- fine grained pyrite +/- fine grained galena. They frequently have a pressure shadow exhibiting clockwise rotation (?) (see picture) that contains carbonate +/- pyrite +/- galena. A fabric within the mineralization has been observed at 0-15 deg TCA.			
					Sulphide beds vary from 3-100cm thick, and often multiple thick beds are seperated by a few 1-4cm thick beds of black shale (see 468.85 - 472.95m). On average, pyrite makes up approximately 30-35%, sphalerite 60-70%, and observable galena 5-10%. The upper contact is sharp with chert and the lower contact is gradational/ subjective with an increase of bedded massive barite.			
A-15-121	479.13	483.32	4.19	Mottled to banded cardiac creek zone massive sulphide beds intermixed with massive barite beds and seperated by thin shale beds	This interval of the cardiac creek zone is different from the previous two intervals of 4CC as there is soft, light grey, bedded, massive barite intermixed with mineralized bands of very fine grained, grey sphalerite, bands of very fine grained dull brown pyrite, and bands of cream colored, mottle textured, quartz-carbonate-sphalerite-galena. Some of the mottle textured bands are quite coarse, up to 0.5-0.7cm sized quartz/ carbonate blebs. Beds/ laminations are extremely convoluted and folded, and vary in orientation from 30-60 deg TCA. Cardiac creek mineralization is more common throughout this interval than barite. Very fine grained galena is common within the cream colored mottled zone. It also occurrs concentrated in thin sub-cm sized bands (ex at 481.68m). Barite beds thicken and increase in frequency downhole. In some barite and sulphide intervals (at 480.35m and at 480.86m) there is a black, medium hardness mineral with a similar bladed to elongate hexagonal crystal habit to an amphibole--> akin to pyrobitumen seen downhole???--> possibly replacing calcite crystals???	4CC	4MBSH	GSF
					Mineralized bands are sub-cm in size to 10cm in size. Sub-cm sized, irregular, sub-angular to sub-rounded fragments are common throughout, though are present in a smaller amount than the previous mineralized zones. The upper contact is the first appearance of barite and the lower contact is charp, but irregular with black shale			

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-121	483.32	492.50	9.18	Black, siliceous shale with abundant carbonate-pyrobitumen veining and faulting	Black, very fine grained, siliceous mudstone containing very fine grained, brassy pyrite disseminated throughout. There are a few pyritic silt beds oriented at 70 deg TCA throughout the interval. This interval is distinct from other intervals because it contains abundant low angle (0-10 deg TCA) carbonate-quartz- pyrobitumen(?) veins. The mineral being called pyrobitumen is bladed, dark grey, of medium hardness and has a sub-metallic lustre. There is a minor amount of stockwork veining. A number of core peices have a very highly polished fault surface at 0 deg TCA.	4SH		GSF
A-15-121	492.50	508.48	15.98	Cardiac Creek mineralization, interbedded with massive barite	Another pulse of cardiac creek mineralization, interbedded with massive barite and seperated by black shale beds. The beds of mineralization are convoluted, folded and have huge variation in their orientation over a couple meters within this interval. Mineralization is dominantly very fine grained, medium grey, metallic sphalerite, and mottled, light grey to cream colored quartz-carbonate-spahlerite-galena; this mineralization is very convoluted, well folded. There is also very fine grained, dull brown laminar - thinly bedded pyrite +/- mm-sized nodular barite with pyritic cores. It is present to a lesser extent than the aforementioned mineralization. Pyrite beds are much less convulted than spahlerite beds. INTERP: compression events are enhanced within the ductile beds of sphalerite and galena. Interbedded sporadically with the sulphide is light grey, soft, fine to coarse grained (coarse @497.1m) bedded barite. Bedded barite concentration increases with proximity to the lower contact. Very fine grained galena is present around the rim of mottled quartz-carb, and disseminated within the grey bands.	4CC	4MBSH	GSF
					Galena is also present in thin sub-cm wide, disseminated bands. Within the light grey sphalerite mineralization and the mottled mineralization there are abundant, .2 - 10cm wide, sub-angular fragments. These fragments are different than further up in the hole as most are very hard, metallic, light grey - cream colored, and some of the larger ones are well-laminated, and of similar style to the laminated sulphide mineralization. There are folds, and w-folds with their fold axis pointing downhole (see structure tab). At 508.2m is a "clast" of barite within laminar sulphide. Within the shale beds there are a few 2-30mm wide, round concretions and there is abundant disseminated pyrite. From 492.5 - 498.2m there are a few quartz-carb-pyrobitumen veinlets that cross-cut mineralized beds. The lower contact is sharp and irregular with crackle brecciated, black shale.			
A-15-121	508.48	511.05	2.57	Black, siliceous shale	Black, very fine grained, siliceous mudstone, containing fine grained disseminated pyrite. From 508.48 - 509.05m the mudstone has been crackle brecciated by white quartz/carbonate veinlets. The upper contact is irregular. 0.5-2cm wide concretions are common over the final meter of this interval. The lower contact is gradational into a small bedded barite unit	4SH		GSF
A-15-121	511.05	513.23	2.18	Bedded massive barite	Light grey to off-white colored, very fine grained, moderately soft massive barite, interbedded with siliceous black shale. Beds are convoluted and irregular, but a general orientation of the beds is 25-40 deg TCA. Barite contains irregular, angular clasts (lenses??) of mudstone within it.	4MBSH		GSF
A-15-121	513.23	518.15	4.92	Black, siliceous shale	Black, very fine grained, siliceous mudstone that contains very fine grained, disseminated pyrite throughout. The dominant cleavage is at a low angle TCA. Round, 1-2cm sized concretions are scattered in low concentration throughout the interval	4SH		GSF
A-15-121	518.15	523.06	4.91	Well banded barite, nodular barite, laminar pyrite +/- sphalerite	This interval is characterized by thin beds and laminations (1-10mm thick) of interbedded mudstone, barite and pyrite +/- sphalerite. This appears to be a repeating sequence and could indicate direction of tops (downhole??). The barite is very fine grained, light grey, and moderately soft. Barite can be massive, nodular and transitional between the two. Pyrite is very fine grained and dull brown colored. Sphalerite is rare in this interval, but where present is very fine grained and light grey. The bedding steepens downhole going from 20 deg TCA at the top of the interval and approaching 90 deg TCA by the end of the interval. At the irregular upper contact there is evidence of mudstone rip-up clasts within the sulphide laminations --> INTERP: suggests tops downhole. Barite makes up ~ 25% of the interval, pyrite ~25% and sphalerite ~1%. There a few grey, granular, sub-angular, 1-3cm sized fragments throughout the interval. From 518.15 - 519.2m is a zone composed of massive sulphide laminations that contain sub-cm to 15cm wide, angular fragments of massive barite.	4MBSH	4MPSH	GSF
					This zone grades into the more dominant laminar mineralization described for this interval. At 522.63m is a 5cm wide pink, translucent carbonate-anhydrite (?) vein. The lower contact is sharp and irregular with massive sulphide			

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-121	523.06	530.91	7.85	Massive sulphide lens composed dominantly of pyrite	This interval is almost entirely a very fine grained, brassy, massive pyrite unit intermixed with quartz/carbonate. Pyrite makes up ~95% of the interval with quartz/carbonate making up ~5%. From 528.1 - 530.91m is a transitional zone to breccia clasts being contained within the massive pyrite. Clasts are generally sub-cm sized, medium grey colored, soft, calcareous, angular and are elongate at an angle of~35 deg TCA. Clasts are of unknown composition. Also beginning with the presence of small clasts is the presence of wispy, very fine grained, buff- tan colored sphalerite intermixed with the pyrite and clasts. At 530.91m the clast size and frequency shows a marked increase and resulted in the breaking out of a new unit to reflect this.	4MS		GSF
A-15-121	530.91	535.52	4.61	Massive sulphide cemented breccia	A polylithic, pyrite-carbonate-quartz cemented, poorly sorted, cement dominated, breccia composed of ~40% clasts. Clasts are angular, vary in size from mm to 10+cm long, and consist of black mudstone, grey siltstone to fine grained limestone. They are commonly observed elongated at 60 deg TCA --> indicating flow direction? Cement is composed predominantly of fine grained, brassy pyrite (80-85%) and white to grey quartz-carbonate (10-15%). Fine grained pyrite appears in blotches within clasts, possibly as some sort of alteration? The lower contact is sharp, but irregular with the paul river debris flow	4MS	5BXLS	GSF
A-15-121	535.52	543.17	7.65	Clast dominated, mudstone matrix debris flow	Clast dominated, polylithic debris flow containing dominantly sub-angular to angular clasts of limestone, grey siltstone and black mudstone within a very fine grained, siliceous, black mudstone matrix. From 535.52 - 537.15m there is abundant (10-20%) fine grained, brassy pyrite replacing the matrix --> possibly associated with the massive sulphide interval.	5BXLS		PRF
A-15-121	543.17	554.74	11.57	Calcareous siltstone	Light grey to grey, fine grained siltstone with irregular, sometimes blebby, discontinuous siltstone beds that are calcareous and weakly pyritic. Weak stockwork of quartz-carbonate proximal to EOH	6CSS		RRG

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-15-121	106.52	106.93	0.41	moderately hard, light grey silicification of gunsteel shale uphole of white quartz vein.	SILC	MOD
A-15-121	261.78	265.6	3.82	Hard, dark grey silicification of black mudstone within the upper portion of a fault zone and associated with a stockwork/ crackle brecciation by quartz/carb veining	SILC	STR
A-15-121	400.35	401.5	1.15	Very hard, light grey silicification of black mudstone, proximal to a fault at the lower contact and part of an intense quartz/ carbonate stockwork	SILC	STR
A-15-121	445.17	460.68	15.51	mottled, fine to coarse grained quartz/carbonate replacement/ alteration present in laminations, and bands/beds within the cardiac creek zone	SILC/CARB	STR
A-15-121	461.03	479.13	18.1	mottled, fine to coarse grained quartz/carbonate replacement/ alteration present in laminations, and bands/beds within the cardiac creek zone	SILC/CARB	STR
A-15-121	479.13	483.32	4.19	mottled, fine to coarse grained quartz/carbonate replacement/ alteration present in laminations, and bands/beds within the cardiac creek zone	SILC/CARB	STR

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-121	22.32	31.39	9.07	Weakly mineralized zone consisting of mm sized nodular barite in laminations within beds that are 5-10cm thick. Barite nodules have a fine grained, brassy pyritic core.	0.5			0.5		
A-15-121	149.20	156.86	7.66	Weakly mineralized zone of 1-3mm thick, very fine grained, wavy, brown pyrite laminations occur within 1-10cm thick beds, seperated by approximately 1m thick black mudstone intervals. This pyrite mineralization is generally oriented at 80-100 deg TCA. No concretions present. No nodular barite present. INTERP: Mineralization is distal	0.2					
A-15-121	169.63	189.7	20.07	Regularly occuring 5-20cm thick beds of crenulated, dull brown, 1-4mm thick pyrite laminations intermixed with off-white, nodular barite laminations at a steep angle TCA. Nodular barite contains cubic, brassy pyrite in the core and has undergone minor carbonate replacement. There is generally one mineralized bed per meter.	2			1		
A-15-121	194.76	229.51	34.75	Regularly occuring 5-30cm thick beds of crenulated, dull brown, 1-4mm thick pyrite laminations intermixed with off-white, nodular barite laminations at a variable angle TCA. Pyrite laminations are at a ratio of approximately 2:1 with nodular barite throughout the interval. Nodular barite contains cubic, brassy pyrite in the core. Mineralization weakens over the final 10m of the interval.	6			3		
A-15-121	251.75	261.78	10.03	White nodular barite beds with brassy, coarse grained pyrite in the cores. One 2-3cm wide bed occurring approximately every 3m.	0.5			0.5		
A-15-121	324.6	350.71	26.11	Distal pyrite zone characterized by 1-9cm thick dull brown laminar pyrite interbedded with off-white nodular barite and seperated by 50-70cm wide shale beds. Nodular barite has medium to coarse grained, brassy pyrite cores.	0.2			0.1		
A-15-121	373.58	381.86	8.28	Regularly occurring 1-6cm thick beds of very fine grained, dull brown pyrite interlaminated with mm sized, off-white nodular barite that has brassy, pyritic cores. Mineralized beds occur at 15-20 deg TCA	9			4		
A-15-121	401.85	402.65	0.8	Regularly occurring 2-5cm thick beds of very fine grained, dull brown pyrite. Sometimes there is a minor amount of mm sized, off white nodular barite interlaminated with the pyrite. Mineralized beds occur at 40 deg TCA	40			2		
A-15-121	407.16	427.08	19.92	Regularly occurring 1-35cm thick beds of massive sulphide that is predominantly composed of very fine grained, dull brown laminar pyrite interlaminated with very fine grained, off-white, nodular barite. There are a few medium grey, very fine grained sphalerite laminations within this interval. Massive sulphide beds occur at 30-40 deg TCA.	20	0.4		5		
A-15-121	427.66	430.87	3.21	Regularly occurring 1-35cm thick beds of massive sulphide that is predominantly composed of very fine grained, dull brown laminar pyrite interlaminated with very fine grained, off-white, nodular barite. There are a few medium grey, very fine grained sphalerite laminations within this interval. Massive sulphide beds occur at 30-40 deg TCA.	14	2		5		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-121	433.87	442.02	8.15	This interval of the Cardiac Creek zone is characterized by regularly occurring sulphide beds composed of very fine grained, dull brown pyrite, interlaminated/ interbedded with very fine grained, grey sphalerite and rare bands of light grey - cream colored mottled carbonate, sphalerite and galena. Grey sphalerite bands, and bands with a mottled texture are generally 0.5 - 1cm wide. Fragments are common within mineralized beds. Very fine grained galena is found predominantly associated with the mottled carbonate bands, but also within some sphalerite bands. There are also nodules of barite (?) that have been completely replaced by carbonate and very fine grained galena can often be found in the rim of these nodules.	35	9	1	2		
A-15-121	445.17	460.68	15.51	This interval of the Cardiac Creek zone is characterized by sulphide beds composed of dominantly very fine grained, grey sphalerite, and bands of light grey - cream colored mottled quartz/carbonate, sphalerite and galena; all interbedded/ interlaminated with very fine grained, dull brown pyrite. Grey sphalerite bands, and bands with a mottled texture are generally 0.5 - 10cm wide. From 445.17-446.11m the mineralization has a similar character to the previous interval. From 446.11m to the end of the interval, mottled, cream colored bands increase in frequency and thickness. Fine grained galena is found within the mottled quartz/carbonate, in grey sphalerite bands and within the pressure shadows of fragments.	20	25	3	tr		
A-15-121	461.03	479.13	18.1	This interval of the Cardiac Creek zone is characterized by sulphide beds composed of dominantly very fine grained, grey sphalerite, and bands of light grey - cream colored mottled quartz/carbonate, sphalerite and galena; all interbedded/ interlaminated with very fine grained, dull brown pyrite. Grey sphalerite bands, and bands with a mottled texture are generally <1cm - 40cm wide. Similar to the previous cardiac creek interval there is a zone from 461.03m - 464.2m where the mineralization is more of a 50-50 split of pyrite to sphalerite/galena and the mottled texture is uncommon. From 464.2m to the bottom of the interval the mottled, cream colored, quartz-carbonate-sphalerite-galena bands increase in frequency and thickness (also similar to previous interval). Fine grained galena is found within the mottled quartz/carbonate, in grey sphalerite bands and within the pressure shadows of fragments.	15	30	5	tr		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-121	479.13	483.32	4.19	Cardiac creek mineralization that is characterized by thick, convoluted sulphide beds interbedded with massive barite. Sulphide beds are composed of dominantly very fine grained, grey sphalerite, and bands of light grey - cream colored mottled quartz/carbonate, sphalerite and galena; all interbedded/ interlaminated with very fine grained, dull brown pyrite. Grey sphalerite bands, and bands with a mottled texture are generally <1cm - 10cm wide. Very fine grained galena is common in this interval within grey sphalerite bands, and within the mottled zones as well as, concentrated within thin disseminated bands.	15	30	10	20		
A-15-121	492.50	508.48	15.98	Convoluted, well-folded cardiac creek mineralization interbedded with massive barite. Mineralization is dominantly very fine grained, medium grey, metallic sphalerite, and mottled, light grey to cream colored quartz-carbonate-spahlerite-galena; this mineralization is very convoluted, well folded. There is also very fine grained, dull brown laminar - thinly bedded pyrite +/- mm-sized nodular barite with pyritic cores. It is present to a lesser extent than the aforementioned mineralization. Very fine grained galena is disseminated within the light grey sphalerite bands and is found in the rim of quart-carbonate blebs. It is also found on the rims and pressure shadows of fragments and in thin disseminated bands within the most concentrated zones pf sphalerite	15	30	10	10		
A-15-121	511.05	513.23	2.18	Very fine grained, moderately soft, light grey bedded barite	3			35		
A-15-121	523.06	530.91	7.85	Massive, very fine grained, brassy pyrite. Minor wispy, intergranular, buff-tan colored sphalerite intermixed with the massive pyrite and clasts	95	2				
A-15-121	530.91	535.52	4.61	Massive, fine grained, brassy pyrite makes up the cement of a breccia or debris flow.	60					

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-121	15.62	16.09	0.47	white, quartz - carbonate, veinlet stockwork that is erratic and appears to have sections of ductile deformation (wavy) and brittle deformation (mm scale crackle brecciation). There is fine grained pyrite and sphalerite within the quartz-carbonate	60	
A-15-121	90.38	90.65	0.27	white to grey quartz- carbonate vein with a dissolution texture and angular shale fragments. Found within a larger brittle fault zone consisting of graphite, minor gouge and small angular fragments. Minor fine grained pyrite	80	140
A-15-121	106.93	107.46	0.53	White quartz vein with irregular, angular contacts. Contains minor angular, black mudstone clasts within. Fractures within the vein are composed of carbonate. Gunsteel shale is moderately silicified (hard, lighter grey) for 40cm uphole of upper vein contact.	95	100
A-15-121	128.43	128.87	0.44	carbonate healed interval within large fault zone. Angular, brecciated mudstone clasts and bent, ductile deformed mudstone clasts are found within carbonate. Sharp lower contact	40	15
A-15-121	149.02	149.2	0.18	white - grey, quartz-carbonate veining (veinlets + stringers) intermixed with ductile black mudstone and containing medium grained brassy pyrite. Associated with polished, graphitic fracture planes. Likely a healed fault	70	60
A-15-121	169.71	170.02	0.31	white - grey, quartz-carbonate veining (veinlets + stringers) intermixed with ductile black mudstone and containing medium grained brassy pyrite. Associated with polished, graphitic fracture planes. Likely a healed fault	30	45
A-15-121	261.78	271.85	10.07	white-grey quartz/carbonate crackle breccia/ stockwork zone. Veining contains minor coarse grained, brassy pyrite, and veining is associated with a fault.	4	
A-15-121	360.1	373.58	13.48	wavy, cleavage parallel, white-grey quartz/ carbonate +/- pyrite veinlets and cm sized veins are common within the mudstone. Possibly associated with a healed structure	0.5	20
A-15-121	394.9	401.5	6.6	wavy, stockwork of white-grey quartz carbonate veinining that contains trace coarse grained pyrite and coarse grained sphalerite. A dominant orientation to the veining is parallel to cleavage. This veining is uphole of a small fault and is the vein zone that lies above the proximal mineralized zone of cardiac creek. Veining intensifies from 400.35-401.5m, making up 70% of the core	15	20
A-15-121	427.08	427.66	0.58	Fracure infilled, white-grey quartz/carbonate stockwork within chert interval	10	
A-15-121	486.34	492.46	6.12	Low angle quartz-carbonate-pyrobitumen (?) vein at 0-10 deg to core axis. The vein is composed of 70% pyrobitumen (as described in litho) and 30% quartz carbonate. It has long, angular chunks of mudstone contained within it and is rubbly + broken. Some broken core fragments are polished black and have slickensides on the surface, suggesting the veining is part of a fault. The veining in this interval could be one narrow, undulating vein or a thin swarm of veins. It is difficult to determine based on the core angle		5
A-15-121	508.48	509.05	0.57	White quartz-carbonate crackle breccia stockwork of black mudstone. Located at an irregular contact with bedded sulphide + barite	10	
A-15-121	530.91	531.55	0.64	white - grey colored vein that is composed of pegmatitic quartz and carbonate crystals	40	0
A-15-121	543.9	544.32	0.42	3-5cm thick white quartz carb vein containing trace brown sphalerite. At the bottom contact the siltstone is crackle brecciated	25	170

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	11.49	12.5	1.01	cleavage	CLV	35
A-15-121	15.62	16.09	0.47	quartz-carb healed ductile(?) fault. Graphitic partings on cleavage/fracture planes	FLT	50
A-15-121	16.25	16.26	0.01	pyritic silt bed	BDG	50
A-15-121	19.16	19.17	0.01	cleavage	CLV	45
A-15-121	24.61	24.62	0.01	nodular barite	BDG	55
A-15-121	27.12	27.84	0.72	small fault zone consisting of minor gouge and ground up core, as well as rubbly core with polished, graphitic fracture planes	FLT	50
A-15-121	28.19	28.2	0.01	nodular barite	BDG	50
A-15-121	29.14	30.83	1.69	blocky, rubbly core with graphitic, polished fracture planes	FLT	50
A-15-121	31.11	31.12	0.01	cleavage	CLV	45
A-15-121	33.76	33.77	0.01	cleavage	CLV	50
A-15-121	36.3	36.31	0.01	pyritic silt bed	BDG	50
A-15-121	39.86	39.87	0.01	cleavage	CLV	50
A-15-121	42.37	42.38	0.01	fragmental - shale bed	BDG	45
A-15-121	42.4	45.34	2.94	Fining downhole sequence of fragmental unit, indicating top downhole	T-DOWN	
A-15-121	46.37	46.91	0.54	minor consolidated gouge, cataclastite, broken up core	FLT	30
A-15-121	47.44	47.45	0.01	cleavage	CLV	45
A-15-121	49.16	49.17	0.01	silt bed	BDG	40
A-15-121	52.11	52.12	0.01	a small W fold of pyritic silt beds within mudstone. Fold axis pointing downhole	FA-W	30
A-15-121	53	53.01	0.01	silt bed	BDG	40
A-15-121	54.52	54.53	0.01	cleavage	CLV	40
A-15-121	54.91	54.92	0.01	a small W fold of pyritic silt beds within mudstone. Fold axis pointing downhole	FA-W	35
A-15-121	56.48	56.49	0.01	cleavage	CLV	40
A-15-121	59.47	61.69	2.22	zone of rubbly, poker chip core with minor highly fractured, broken-up core. No gouge. Possibly a fracture zone proximal to a fault	FLT	40
A-15-121	64.01	64.02	0.01	cleavage	CLV	35
A-15-121	70.1	70.11	0.01	cleavage	CLV	50
A-15-121	73.78	73.79	0.01	cleavage	CLV	45
A-15-121	76.29	76.3	0.01	cleavage	CLV	50
A-15-121	78.02	78.03	0.01	cleavage	CLV	45
A-15-121	82.16	82.17	0.01	cleavage	CLV	50
A-15-121	85.35	86.82	1.47	very broken, rubbly core with minor gouge on polished, graphitic fracture planes. Orientation unknown	FLT	
A-15-121	87.49	87.5	0.01	cleavage	CLV	45

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	87.87	93.96	6.09	fault zone consisting of blocky core with zones of polished, graphitic rubble within (From 89.91-90.58m) and quartz-carbonate healed veining book ending this rubbly zone.	FLT	25
A-15-121	94.04	94.05	0.01	carbonaceous, pyritic silt	BDG	35
A-15-121	94.68	94.69	0.01	cleavage	CLV	35
A-15-121	95.55	95.56	0.01	carbonaceous, pyritic silt	BDG	35
A-15-121	98	98.01	0.01	carbonaceous, pyritic silt	BDG	35
A-15-121	99.49	99.5	0.01	cleavage	CLV	30
A-15-121	100.72	100.73	0.01	carbonaceous, pyritic silt	BDG	30
A-15-121	102.55	102.56	0.01	cleavage	CLV	25
A-15-121	103.17	103.18	0.01	silt bed	BDG	25
A-15-121	104.03	104.04	0.01	cleavage	CLV	25
A-15-121	107.71	107.72	0.01	silt bed	BDG	70
A-15-121	108.76	108.86	0.1	broken, rubbly core	FLT	50
A-15-121	111.05	111.06	0.01	pyritic silt bed	BDG	50
A-15-121	111.86	111.87	0.01	cleavage	CLV	45
A-15-121	112.41	129.07	16.66	Large fault zone characterized by mostly broken, poker chip core, with few sections of gouge + rubble (From 128.02-128.15m), and rare carbonate healed intervals (From 113.98-114.13m and 128.43-128.87m). Cleavage and bedding stays relatively constant at 30-40 deg TCA. Fault plane has been averaged to 25 deg TCA from two measurements of gouge along fractures: 30 deg TCA @ 128.17m and 20 deg TCA @ 129.07m. Slickensides on fracture plane appear to show movement laterally in a NW-SE direction.	FLT	25
A-15-121	129.39	130.3	0.91	pyritic silt bed	BDG	35
A-15-121	129.7	131.46	1.76	Small fault that is characterized by mostly broken, rubbly core, except at the upper contact where there is 2cm consolidated gouge on the fracture plane. Slickensides show lateral movement	FLT	0
A-15-121	131.77	131.78	0.01	cleavage	CLV	45
A-15-121	132.69	132.7	0.01	FA downhole. Convoluted bedding but general FA orientation is downhole	FA	40
A-15-121	133.59	133.6	0.01	pyritic silt bed	BDG	80
A-15-121	134.91	134.92	0.01	carbonaceous, pyritic silt	BDG	85
A-15-121	136.61	136.62	0.01	cleavage	CLV	45
A-15-121	137.28	137.29	0.01	pyritic silt bed	BDG	75
A-15-121	139.2	139.21	0.01	carbonaceous, pyritic silt	BDG	70
A-15-121	140.54	140.55	0.01	cleavage	CLV	35

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	140.63	140.8	0.17	broken core with graphitic, polished fracture planes and minor gouge. Slickensides at 45 deg from horizontal on fracture plane and suggesting uphole movement	FLT	35
A-15-121	144.88	144.89	0.01	pyritic silt bed	BDG	70
A-15-121	145.73	145.74	0.01	pyritic silt bed	BDG	60
A-15-121	146	146.65	0.65	broken, rubbly core with polished, graphitic fractures	FLT	50
A-15-121	146.92	146.93	0.01	pyritic silt bed	BDG	70
A-15-121	148.79	149.2	0.41	fault parallel to cleavage. Upper 20cm is broken core with polished, graphitic fracture surfaces. Lower 20cm is a quartz-carbonate healed section of fault	FLT	40
A-15-121	152.24	152.25	0.01	pyrite lamination	BDG	80
A-15-121	155.8	155.81	0.01	cleavage	CLV	35
A-15-121	156.48	156.49	0.01	pyrite lamination	BDG	105
A-15-121	158.86	160.41	1.55	narrow, 1cm wide micro structure parallel TCA. Abundant gouge and ground up core	FLT	0
A-15-121	162.74	162.75	0.01	cleavage	CLV	35
A-15-121	165.91	165.92	0.01	cleavage	CLV	40
A-15-121	167.93	167.94	0.01	cleavage	CLV	35
A-15-121	169.69	170.02	0.33	Upper 5cm is broken core with polished, graphitic fracture surfaces. Lower 20cm is a quartz-carbonate healed section of fault with veinlets at 45 deg TCA	FLT	45
A-15-121	170.17	170.18	0.01	pyrite/ nodular barite bed	BDG	170
A-15-121	171.19	171.2	0.01	cleavage	CLV	2
A-15-121	173.92	173.93	0.01	pyrite/ nodular barite bed	BDG	55
A-15-121	174.61	174.62	0.01	cleavage	CLV	175
A-15-121	175.3	175.31	0.01	pyrite/ nodular barite bed	BDG	70
A-15-121	176.46	176.47	0.01	pyrite/ nodular barite bed	BDG	40
A-15-121	178.4	178.65	0.25	micro fault showing dextral off-set of laminar pyrite/ nodular barite	FLT	0
A-15-121	178.65	178.66	0.01	pyrite/ nodular barite bed	BDG	60
A-15-121	180.73	180.74	0.01	pyrite/ nodular barite bed	BDG	70
A-15-121	181.33	181.34	0.01	pyrite/ nodular barite bed	BDG	80
A-15-121	181.53	182.88	1.35	abundant rubble, and ground up core; consolidated gouge near lower contact. Fault angle unknown	FLT	
A-15-121	183.3	183.31	0.01	pyrite/ nodular barite bed	BDG	75
A-15-121	184.92	184.93	0.01	pyrite/ nodular barite bed	BDG	90
A-15-121	185.47	185.48	0.01	pyrite/ nodular barite bed	BDG	75
A-15-121	188.79	188.8	0.01	pyrite/ nodular barite bed	BDG	75
A-15-121	189.35	189.36	0.01	pyrite/ nodular barite bed	BDG	55
A-15-121	190.58	190.59	0.01	pyrite/ nodular barite bed	CLV	175
A-15-121	195.11	195.12	0.01	pyrite/ nodular barite bed	BDG	40
A-15-121	197	197.01	0.01	cleavage	CLV	5
A-15-121	201.94	201.95	0.01	pyrite/ nodular barite bed	BDG	25
A-15-121	203.21	203.22	0.01	pyrite/ nodular barite bed	BDG	90

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	204.68	204.69	0.01	pyrite/ nodular barite bed	BDG	60
A-15-121	205.22	205.23	0.01	a W or possibly M fold pointing downhole at 0 deg TCA	FA-W	0
A-15-121	205.56	205.57	0.01	pyrite/ nodular barite bed	BDG	160
A-15-121	206.27	206.28	0.01	cleavage	CLV	5
A-15-121	210.18	210.19	0.01	pyrite/ nodular barite bed	BDG	30
A-15-121	210.41	210.42	0.01	FA downhole. Noticeable within pyrite/ nodular barite beds	FA	0
A-15-121	213.6	213.61	0.01	pyrite/ nodular barite bed	BDG	60
A-15-121	215.35	215.36	0.01	pyrite/ nodular barite bed	BDG	90
A-15-121	215.89	215.9	0.01	a W or possibly M fold pointing downhole at 5 deg TCA	FA-W	5
A-15-121	222.53	222.54	0.01	pyrite/ nodular barite bed	BDG	95
A-15-121	223.32	223.33	0.01	pyrite/ nodular barite bed	BDG	70
A-15-121	223.74	223.75	0.01	pyrite/ nodular barite bed	BDG	75
A-15-121	224.82	224.83	0.01	pyrite/ nodular barite bed	BDG	140
A-15-121	226.31	226.32	0.01	pyrite/ nodular barite bed	BDG	65
A-15-121	227.13	227.14	0.01	cleavage	CLV	5
A-15-121	227.23	227.24	0.01	pyrite/ nodular barite bed	BDG	50
A-15-121	229.51	229.52	0.01	Chert bed contact with black mudstone	BDG	25
A-15-121	230.93	230.94	0.01	silt bed	BDG	40
A-15-121	231.39	231.4	0.01	cleavage	CLV	5
A-15-121	234.39	234.4	0.01	cleavage	CLV	10
A-15-121	238.97	238.98	0.01	cleavage	CLV	10
A-15-121	244.77	244.98	0.21	broken, rubbly core and a minor amount of gouge	FLT	
A-15-121	245.54	245.55	0.01	cleavage	CLV	5
A-15-121	248.29	249.02	0.73	broken, rubbly core. 4cm wide seam of gouge at lower contact. Polished, graphitic fracture planes are common. On the bottom contact there are slickensides that suggest movement in a downhole direction	FLT	40
A-15-121	251.48	251.49	0.01	cleavage	CLV	0
A-15-121	251.89	251.9	0.01	silt bed	BDG	30
A-15-121	252.22	252.23	0.01	nodular barite	BDG	35
A-15-121	253.9	253.91	0.01	cleavage	CLV	10
A-15-121	257.48	257.49	0.01	nodular barite	BDG	30
A-15-121	257.92	257.93	0.01	nodular barite	BDG	45
A-15-121	258.08	258.09	0.01	nodular barite	BDG	50
A-15-121	260.58	260.59	0.01	nodular barite	BDG	60
A-15-121	261.78	272	10.22	Large fault zone characterized by broken, highly fractured core at a low angle TCA. Within this interval there is abundant stockwork/ crackle brecciation by quartz/carb veining. Many fracture planes are polished and graphitic. Slickensides observed show downhole movement along the fault plane	FLT	10

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	273.53	273.54	0.01	cleavage	CLV	10
A-15-121	279.48	279.49	0.01	cleavage	CLV	10
A-15-121	283.59	283.6	0.01	cleavage	CLV	15
A-15-121	285.43	285.44	0.01	cleavage	CLV	15
A-15-121	289.33	289.34	0.01	cleavage	CLV	15
A-15-121	295.24	295.25	0.01	cleavage	CLV	15
A-15-121	299.19	299.2	0.01	cleavage	CLV	10
A-15-121	302.38	302.39	0.01	cleavage	CLV	15
A-15-121	305.21	305.22	0.01	cleavage	CLV	25
A-15-121	308.48	308.49	0.01	cleavage	CLV	15
A-15-121	313.53	313.54	0.01	cleavage	CLV	15
A-15-121	316.55	316.56	0.01	cleavage	CLV	20
A-15-121	322.18	322.19	0.01	cleavage	CLV	20
A-15-121	327.9	327.91	0.01	cleavage	CLV	15
A-15-121	330.93	330.94	0.01	calcareous, pyritic silt bed	BDG	15
A-15-121	331.08	331.09	0.01	cleavage	CLV	15
A-15-121	331.79	331.8	0.01	silt bed	BDG	30
A-15-121	334.66	334.67	0.01	laminar pyrite/ nodular barite	BDG	20
A-15-121	337	337.01	0.01	laminar pyrite/ nodular barite	BDG	25
A-15-121	340.09	340.1	0.01	cleavage	CLV	10
A-15-121	340.63	340.64	0.01	laminar pyrite/ nodular barite	BDG	25
A-15-121	343.55	343.56	0.01	cleavage	CLV	20
A-15-121	343.65	343.66	0.01	laminar pyrite/ nodular barite	BDG	25
A-15-121	345.61	345.62	0.01	laminar pyrite/ nodular barite	BDG	20
A-15-121	346.5	346.51	0.01	Fold axis pointing downhole	FA	10
A-15-121	347.35	347.36	0.01	laminar pyrite/ nodular barite	BDG	25
A-15-121	349.19	350.66	1.47	Broken core and rubble with polished, graphitic fracture surfaces. Fault parallel to cleavage	FLT	20
A-15-121	354.88	354.89	0.01	cleavage	CLV	25
A-15-121	352.45	352.75	0.3	Broken, rubbly core with minor gouge. Fault angle unknown	FLT	
A-15-121	353.35	353.36	0.01	cleavage	CLV	10
A-15-121	356.07	356.08	0.01	silt bed	BDG	90
A-15-121	356.61	356.62	0.01	Fold axis pointing downhole	FA	10
A-15-121	356.69	356.7	0.01	nodular barite	BDG	60
A-15-121	357.15	357.16	0.01	cleavage	CLV	20
A-15-121	360.15	360.16	0.01	cleavage	CLV	10
A-15-121	361.24	361.25	0.01	nodular barite	BDG	170
A-15-121	365.58	365.59	0.01	cleavage	CLV	15
A-15-121	368.92	368.93	0.01	pyritic silt bed	BDG	20
A-15-121	369.38	369.39	0.01	cleavage	CLV	15
A-15-121	369.95	369.96	0.01	silt bed	BDG	20
A-15-121	371.25	371.26	0.01	cleavage	CLV	15
A-15-121	371.5	371.51	0.01	silt bed	BDG	15
A-15-121	373.18	373.19	0.01	silt bed	BDG	25

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	375.75	375.76	0.01	cleavage	CLV	20
A-15-121	377.03	377.04	0.01	laminar pyrite/ nodular barite	BDG	15
A-15-121	378.2	378.21	0.01	nodular barite	BDG	20
A-15-121	379.43	379.44	0.01	cleavage	CLV	20
A-15-121	379.98	379.99	0.01	laminar pyrite/ nodular barite	BDG	15
A-15-121	381.75	381.76	0.01	laminar pyrite/ nodular barite	BDG	15
A-15-121	382.32	382.33	0.01	silt bed	BDG	15
A-15-121	382.85	382.86	0.01	cleavage	CLV	20
A-15-121	387.31	387.32	0.01	cleavage	CLV	20
A-15-121	388.87	388.88	0.01	cleavage	CLV	15
A-15-121	389.86	389.87	0.01	cleavage	CLV	20
A-15-121	391.54	391.55	0.01	cleavage	CLV	20
A-15-121	393.63	393.64	0.01	cleavage	CLV	15
A-15-121	395.93	395.94	0.01	cleavage	CLV	20
A-15-121	398.95	398.96	0.01	cleavage	CLV	15
A-15-121	401.5	401.85	0.35	broken, rubbly core that has polished, graphitic fracture planes. Minor gouge and ground up core. This small fault follows 1.5m of intense quartz/ carbonate stockwork veining that is likely part of a healed structure. INTERP: this fault zone is part of the fault that overlies the cardiac creek deposit	FLT	40
A-15-121	404.82	404.83	0.01	cleavage	CLV	25
A-15-121	407.5	407.51	0.01	sulphide bedding	BDG	45
A-15-121	407.89	407.9	0.01	sulphide bedding	BDG	40
A-15-121	412.2	412.21	0.01	cleavage	CLV	35
A-15-121	412.72	412.73	0.01	sulphide bedding	BDG	35
A-15-121	414	414.01	0.01	cleavage	CLV	30
A-15-121	414.65	414.66	0.01	secondary cleavage?	CLV	10
A-15-121	417.55	417.56	0.01	sulphide bedding	BDG	30
A-15-121	418.73	418.74	0.01	silt bed	BDG	30
A-15-121	420.07	420.08	0.01	sulphide bedding	BDG	30
A-15-121	422.13	422.14	0.01	sulphide bedding	BDG	35
A-15-121	422.35	422.36	0.01	secondary cleavage?	CLV	10
A-15-121	422.7	422.71	0.01	sulphide bedding	BDG	35
A-15-121	424	424.01	0.01	sulphide bedding	BDG	35
A-15-121	426.1	426.11	0.01	secondary cleavage?	CLV	10
A-15-121	426.9	426.91	0.01	secondary cleavage?	CLV	10
A-15-121	427.68	427.69	0.01	lower contact of chert	BDG	25
A-15-121	429.14	429.15	0.01	sulphide bedding	BDG	35
A-15-121	433.51	433.52	0.01	silt bed	BDG	25
A-15-121	434.02	434.03	0.01	sulphide bedding	BDG	30
A-15-121	435.75	435.76	0.01	sulphide bedding	BDG	30
A-15-121	436.38	436.39	0.01	sulphide bedding	BDG	35
A-15-121	436.66	436.67	0.01	sulphide bedding	BDG	40
A-15-121	437.5	437.51	0.01	cleavage	CLV	20

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	438.63	438.64	0.01	sulphide bedding	BDG	35
A-15-121	439.28	439.29	0.01	s-shaped compression fractures in a cm thick chert bed		170
A-15-121	439.59	439.6	0.01	nodular barite within laminated sulphide bed	BDG	25
A-15-121	439.81	439.82	0.01	fabric within sulphide beds		0
A-15-121	440	440.01	0.01	cleavage	CLV	24
A-15-121	440.36	440.37	0.01	sulphide bedding	BDG	28
A-15-121	441.45	441.46	0.01	fabric within sulphide beds		165
A-15-121	441.5	441.51	0.01	sulphide bedding	BDG	24
A-15-121	443.75	443.76	0.01	cleavage	CLV	15
A-15-121	445.48	445.49	0.01	sulphide bedding	BDG	30
A-15-121	445.83	445.84	0.01	fabric within sulphide beds		15
A-15-121	446.29	446.3	0.01	sulphide bedding	BDG	40
A-15-121	447.25	447.26	0.01	sulphide bedding	BDG	30
A-15-121	447.8	447.81	0.01	fabric within sulphide beds		8
A-15-121	447.4	447.41	0.01	sulphide bedding	BDG	25
A-15-121	449.3	449.31	0.01	sulphide bedding	BDG	35
A-15-121	449.82	449.83	0.01	sulphide bedding	BDG	35
A-15-121	450.2	450.21	0.01	cleavage	CLV	30
A-15-121	450.74	450.75	0.01	sulphide bedding	BDG	40
A-15-121	451.35	451.36	0.01	Fold axis within sulphide lamination pointing downhole	FA	35
A-15-121	451.37	451.38	0.01	Fold axis within sulphide lamination pointing downhole	FA	15
A-15-121	451.6	451.61	0.01	secondary cleavage?	CLV	15
A-15-121	451.85	451.86	0.01	sulphide bedding	BDG	35
A-15-121	452.24	452.25	0.01	sulphide bedding	BDG	30
A-15-121	453.34	453.35	0.01	sulphide bedding	BDG	40
A-15-121	453.56	453.57	0.01	fabric within sulphide beds		10
A-15-121	453.75	453.76	0.01	sulphide bedding	BDG	30
A-15-121	455.1	455.11	0.01	fabric within sulphide beds		15
A-15-121	455.21	455.22	0.01	sulphide bedding	BDG	35
A-15-121	455.65	455.66	0.01	z-fold in sulphide lamination with FA pointing downhole	FA	20
A-15-121	455.78	455.79	0.01	sulphide bedding	BDG	35
A-15-121	456.4	456.41	0.01	sulphide bedding	BDG	30
A-15-121	456.82	456.83	0.01	sulphide bedding	BDG	34
A-15-121	457.49	457.5	0.01	secondary cleavage?	CLV	5
A-15-121	457.75	457.76	0.01	possible flame structure showing top downhole	T-DOWN	
A-15-121	458.51	458.52	0.01	fabric within sulphide beds		3
A-15-121	458.96	458.97	0.01	sulphide bedding	BDG	35
A-15-121	460.34	460.35	0.01	sulphide bedding	BDG	40
A-15-121	460.45	460.46	0.01	fabric within sulphide beds		5
A-15-121	460.68	460.69	0.01	chert bed	BDG	30
A-15-121	460.87	460.88	0.01	bed of nodules (?) within chert interval	BDG	28

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	461.03	461.04	0.01	chert bed	BDG	30
A-15-121	461.73	461.74	0.01	fabric within sulphide beds		10
A-15-121	461.87	461.88	0.01	sulphide bedding	BDG	45
A-15-121	462.37	462.38	0.01	sulphide bedding	BDG	35
A-15-121	463.72	463.73	0.01	sulphide bedding	BDG	40
A-15-121	464.31	464.32	0.01	sulphide bedding	BDG	35
A-15-121	465.14	465.15	0.01	sulphide bedding	BDG	34
A-15-121	466.03	466.04	0.01	sulphide bedding	BDG	42
A-15-121	466.74	466.75	0.01	sulphide bedding	BDG	38
A-15-121	467.39	467.4	0.01	sulphide bedding	BDG	35
A-15-121	467.9	467.91	0.01	fabric within sulphide beds		5
A-15-121	468.4	468.41	0.01	sulphide bedding	BDG	35
A-15-121	469.06	469.07	0.01	sulphide bedding	BDG	32
A-15-121	469.77	469.78	0.01	z-fold with fold axis pointing downhole	FA-Z	0
A-15-121	470.18	470.19	0.01	sulphide bedding	BDG	35
A-15-121	471.09	471.1	0.01	fabric within sulphide beds		0
A-15-121	471.21	471.22	0.01	sulphide bedding	BDG	30
A-15-121	471.34	471.35	0.01	sulphide bedding	BDG	42
A-15-121	471.84	471.85	0.01	sulphide bedding	BDG	40
A-15-121	472.88	472.89	0.01	sulphide bedding	BDG	45
A-15-121	472.93	472.94	0.01	fabric within sulphide beds		0
A-15-121	473.32	473.33	0.01	z-fold with fold axis pointing downhole	FA-Z	20
A-15-121	473.58	473.59	0.01	sulphide bedding	BDG	52
A-15-121	475.4	475.41	0.01	sulphide bedding	BDG	50
A-15-121	475.5	475.51	0.01	fabric within sulphide beds		8
A-15-121	476.14	476.15	0.01	sulphide bedding	BDG	55
A-15-121	477.3	477.31	0.01	sulphide bedding	BDG	40
A-15-121	477.95	477.96	0.01	sulphide bedding	BDG	45
A-15-121	478.62	478.63	0.01	sulphide bedding	BDG	55
A-15-121	479.91	479.92	0.01	sulphide bedding	BDG	60
A-15-121	480.19	480.2	0.01	sulphide bedding	BDG	45
A-15-121	480.51	480.52	0.01	bedded barite	BDG	40
A-15-121	480.73	480.74	0.01	sulphide bedding	BDG	60
A-15-121	481.37	481.38	0.01	cleavage	CLV	8
A-15-121	481.86	481.87	0.01	sulphide bedding	BDG	50
A-15-121	481.93	481.94	0.01	folded sulphide bed	FA	16
A-15-121	482.04	482.05	0.01	convoluted sulphide bed	BDG	50
A-15-121	482.5	482.51	0.01	bedded barite	BDG	35
A-15-121	483.77	483.78	0.01	cleavage	CLV	10
A-15-121	484.08	484.09	0.01	pyritic silt bed	BDG	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	488.4	492.46	4.06	small fault characterized by broken, rubbly core that is mostly qurtz-carbonate-pyrobitumen vein. There are numerous chunks of polished pyrobitumen core at approximately 0 deg TCA. Slickensides on polished surfaces suggest an angled up/ down movement	FLT	0
A-15-121	492.78	492.79	0.01	laminar pyrite/ nodular barite	BDG	65
A-15-121	493.23	493.24	0.01	convoluted sulphide bedding	BDG	100
A-15-121	493.63	493.64	0.01	laminar pyrite/ nodular barite	BDG	70
A-15-121	493.83	493.84	0.01	laminar pyrite	BDG	40
A-15-121	495.04	495.05	0.01	sulphide bedding	BDG	55
A-15-121	495.23	495.24	0.01	sulphide bedding	BDG	65
A-15-121	495.7	495.71	0.01	laminar pyrite	BDG	50
A-15-121	495.84	495.85	0.01	laminar pyrite	BDG	60
A-15-121	496.28	496.82	0.54	broken, rubbly core. Some fracture planes are polished and graphitic	FLT	
A-15-121	496.95	496.96	0.01	convoluted sulphide bedding	BDG	30
A-15-121	497.39	497.4	0.01	laminar pyrite	BDG	52
A-15-121	498.2	498.21	0.01	sulphide bedding	BDG	35
A-15-121	498.36	498.37	0.01	laminar pyrite	BDG	40
A-15-121	498.93	498.94	0.01	sulphide bedding	BDG	8
A-15-121	498.95	498.96	0.01	cleavage	CLV	15
A-15-121	499.6	499.61	0.01	sulphide bedding	BDG	5
A-15-121	499.65	499.66	0.01	tight fold axis in sulphide bedding pointing downhole	FA	5
A-15-121	500.09	500.1	0.01	sulphide bedding	BDG	0
A-15-121	500.25	500.26	0.01	sulphide bedding	BDG	170
A-15-121	500.3	500.31	0.01	tight fold axis in sulphide bedding pointing downhole	FA	0
A-15-121	500.5	500.51	0.01	w-fold axis in sulphide bed	FA-W	0
A-15-121	500.6	500.61	0.01	sulphide bedding	BDG	12
A-15-121	501	501.01	0.01	sulphide bedding	BDG	15
A-15-121	501.54	501.55	0.01	sulphide bedding	BDG	15
A-15-121	501.82	501.83	0.01	sulphide bedding	BDG	20
A-15-121	503.55	503.56	0.01	cleavage	CLV	15
A-15-121	503.33	503.34	0.01	sulphide bedding	BDG	35
A-15-121	503.65	503.66	0.01	Fold axis pointing downhole	FA	10
A-15-121	503.85	503.86	0.01	sulphide bedding	BDG	25
A-15-121	504.77	504.78	0.01	convoluted sulphide bedding	BDG	25
A-15-121	506.53	506.54	0.01	tight fold axis in sulphide bedding pointing downhole	FA	12
A-15-121	507.08	507.09	0.01	sulphide bedding	BDG	20
A-15-121	511.41	511.42	0.01	bedded barite	BDG	40
A-15-121	511.94	511.95	0.01	bedded barite	BDG	40
A-15-121	513.23	513.24	0.01	bedded barite in contact with large shale bed	BDG	30
A-15-121	515.25	515.26	0.01	cleavage	CLV	0
A-15-121	518.15	518.16	0.01	massive sulphide ripping up shale	T-DOWN	
A-15-121	519.4	519.41	0.01	sulphide bedding	BDG	85

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-121	519.79	519.8	0.01	bedded barite	BDG	30
A-15-121	520.4	520.41	0.01	bedded barite	BDG	25
A-15-121	521.13	521.14	0.01	Fold axis pointing downhole	FA	0
A-15-121	521.29	521.3	0.01	nodular barite within laminated sulphide bed	BDG	90
A-15-121	521.97	521.98	0.01	convoluted sulphide bedding	BDG	50
A-15-121	522.22	522.23	0.01	nodular barite	BDG	85
A-15-121	522.44	522.45	0.01	bedded barite	BDG	45
A-15-121	522.75	522.76	0.01	bedded barite	BDG	40
A-15-121	527.96	527.97	0.01	possible sulphide bedding within massive sulphide interval	BDG	60
A-15-121	529.1	529.11	0.01	clast lineation/ flow??		45
A-15-121	534.53	534.54	0.01	direction of clast elongation/ flow?		55
A-15-121	535.26	535.27	0.01	direction of clast elongation/ flow?		55
A-15-121	549.94	549.95	0.01	cleavage	CLV	30
A-15-121	545.85	545.86	0.01	discontinuos, calcareous silt bed	BDG	20
A-15-121	547.75	547.76	0.01	discontinuos, calcareous silt bed	BDG	30

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**
A-15-121	370.60	371.60	1.00	2694501		1.00	99.00		VAN15001763	24.6	38.8	23.5
A-15-121	371.60	372.60	1.00	2694502		0.01	99.00		VAN15001763	33.1	32.5	20.7
A-15-121			0.00	2694503				STD PB 145	VAN15001763	7.6	1875.9	13310.2
A-15-121	372.60	373.58	0.98	2694504	qtz-carb veining with py	2.00	98.00		VAN15001763	14	19.2	9.4
A-15-121	373.58	374.20	0.62	2694505		25.00	75.00		VAN15001763	15	57.7	29.4
A-15-121	374.20	375.00	0.80	2694506		2.00	98.00		VAN15001763	17.8	27.3	12.1
A-15-121	375.00	376.00	1.00	2694507		23.00	77.00		VAN15001763	15.8	49.6	24.2
A-15-121	376.00	377.00	1.00	2694508		13.00	87.00		VAN15001763	19.2	39.6	19.3
A-15-121	377.00	378.00	1.00	2694509		8.00	92.00		VAN15001763	23.4	42	21.9
A-15-121	378.00	379.00	1.00	2694510		14.00	86.00		VAN15001763	19.1	47	25.3
A-15-121	379.00	380.00	1.00	2694511		5.00	95.00		VAN15001763	18	29.4	14.5
A-15-121	380.00	381.00	1.00	2694512		31.00	69.00		VAN15001763	14.4	66.3	29.6
A-15-121			0.00	2694513				PULP DUPLICATE OF 2694512	VAN15001763	14.8	64.9	29.8
A-15-121	381.00	381.86	0.86	2694514		10.00	90.00		VAN15001763	18.9	50.7	31.1
A-15-121	381.86	382.85	0.99	2694515		1.00	99.00		VAN15001763	33.2	21	11.3
A-15-121	382.85	383.50	0.65	2694516		0.01	99.00		VAN15001763	35.3	24.3	12.6
A-15-121	383.50	384.50	1.00	2694517		0.01	99.00		VAN15001763	40.1	28.4	14.6
A-15-121	384.50	385.50	1.00	2694518		0.01	99.00		VAN15001763	38.2	33.4	15.7
A-15-121	385.50	386.20	0.70	2694519		0.01	99.00		VAN15001763	40.7	38.9	15.6
A-15-121	386.20	387.00	0.80	2694520		0.01	99.00		VAN15001763	41.4	41.8	16.4
A-15-121	387.00	388.00	1.00	2694521		0.01	99.00		VAN15001763	42.2	36.7	15.9
A-15-121	388.00	389.00	1.00	2694522		0.01	99.00		VAN15001763	41.4	40.8	16.7
A-15-121			0.00	2694523				BLANK BL125	VAN15001763	5.7	91.5	4.7
A-15-121	389.00	390.00	1.00	2694524		0.01	99.00		VAN15001763	42.8	41.8	15.9
A-15-121	390.00	391.00	1.00	2694525		0.01	99.00		VAN15001763	43.7	41.9	15.7
A-15-121	391.00	392.00	1.00	2694526		0.01	99.00		VAN15001763	38.3	43.9	14.9
A-15-121	392.00	393.00	1.00	2694527		0.01	99.00		VAN15001763	44.8	40.1	17.1
A-15-121	393.00	394.00	1.00	2694528		0.01	99.00		VAN15001763	40.3	43.9	15.5
A-15-121	394.00	395.00	1.00	2694529		0.01	99.00		VAN15001763	47.6	38.8	15.2
A-15-121	395.00	396.00	1.00	2694530		2.00	98.00		VAN15001763	44.3	43	16.6
A-15-121	396.00	397.00	1.00	2694531		1.00	99.00		VAN15001763	41.2	45	17
A-15-121	397.00	398.00	1.00	2694532	qtz-carb veining with py + sp	3.00	97.00		VAN15001763	43.6	39.8	15.1
A-15-121			0.00	2694533				COARSE DUPLICATE OF 2694532	VAN15001763	38.4	39.5	14.5
A-15-121	398.00	399.00	1.00	2694534	qtz-carb veining with py + sp	3.00	97.00		VAN15001763	48.8	40.8	17.6
A-15-121	399.00	400.00	1.00	2694535		2.00	98.00		VAN15001763	45.7	36.7	16.8
A-15-121	400.00	401.00	1.00	2694536		2.00	98.00		VAN15001763	47.3	26.4	17.8
A-15-121	401.00	401.85	0.85	2694537		2.00	98.00		VAN15001763	19.4	16.8	29.6
A-15-121	401.85	402.65	0.80	2694538		50.00	50.00		VAN15001763	37.6	114.5	278.2
A-15-121	402.65	403.50	0.85	2694539		0.01	99.00		VAN15001763	10.4	24	23.3
A-15-121	403.50	404.20	0.70	2694540		0.01	99.00		VAN15001763	12.9	36.1	13.3
A-15-121	404.20	405.20	1.00	2694541		0.01	99.00		VAN15001763	11.2	38	12.2
A-15-121	405.20	406.20	1.00	2694542		0.01	99.00		VAN15001763	13	22.8	11.7
A-15-121			0.00	2694543				STD PB136	VAN15001763	12.2	5445.7	24547.3

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-121	370.60	371.60	1.00	2694501	28	<0.5	18953	71.2	9.9	72	2.2	20	7.6	4.7	149	<0.5	5.4	<0.5
A-15-121	371.60	372.60	1.00	2694502	351	<0.5	23427	58.3	8.1	52	2.21	21	8.7	4.5	92	2.6	5.6	<0.5
A-15-121			0.00	2694503	16294	64.4	636	15.7	19	1526	4.06	57	1	2.6	90	122.1	188.6	5.7
A-15-121	372.60	373.58	0.98	2694504	240	<0.5	17286	40.2	6.3	184	1.42	10	4.1	3.1	550	2.4	2.1	<0.5
A-15-121	373.58	374.20	0.62	2694505	18	0.6	33941	47.2	8.1	177	5.36	30	5.7	3.8	141	<0.5	8	<0.5
A-15-121	374.20	375.00	0.80	2694506	56	<0.5	31273	57.1	9.2	225	2.08	16	5.6	5.4	599	<0.5	2.8	<0.5
A-15-121	375.00	376.00	1.00	2694507	22	0.5	28368	52.4	8.9	184	4.15	27	5.2	5.2	183	<0.5	7.4	<0.5
A-15-121	376.00	377.00	1.00	2694508	34	<0.5	30470	66.6	10	133	3.24	21	6.3	5	257	<0.5	6.1	<0.5
A-15-121	377.00	378.00	1.00	2694509	71	0.5	26702	69.5	11.4	162	3.08	22	6.6	4.8	314	0.6	6.7	<0.5
A-15-121	378.00	379.00	1.00	2694510	220	0.5	31369	66.7	9.4	163	3.49	23	5.7	4.5	339	1.6	9.8	<0.5
A-15-121	379.00	380.00	1.00	2694511	219	<0.5	23418	62	10.4	200	2.25	17	6	5.1	370	1.7	6.8	<0.5
A-15-121	380.00	381.00	1.00	2694512	80	1.1	31503	54.7	9.2	189	4.76	28	4.5	4.4	245	1	19.6	<0.5
A-15-121			0.00	2694513	74	1.1	31481	56.6	9.2	182	4.79	28	4.6	4.2	240	0.5	19.8	<0.5
A-15-121	381.00	381.86	0.86	2694514	20	1	25190	52.5	9.5	214	3.49	26	5.2	4.5	633	0.7	17.8	<0.5
A-15-121	381.86	382.85	0.99	2694515	348	<0.5	22017	62.1	6.8	71	1.64	20	9.3	3.4	172	3.8	8.6	<0.5
A-15-121	382.85	383.50	0.65	2694516	785	<0.5	15286	61.8	7.2	67	1.64	20	9.4	3.3	169	8.5	8.9	<0.5
A-15-121	383.50	384.50	1.00	2694517	425	0.6	15845	69.6	7	45	1.72	22	9.7	3.3	57	4.7	11.6	<0.5
A-15-121	384.50	385.50	1.00	2694518	745	0.5	23537	71.3	8.1	64	1.85	24	10.9	3.6	99	7.9	13.8	<0.5
A-15-121	385.50	386.20	0.70	2694519	948	<0.5	22960	69.4	8	39	1.85	22	10.3	3.2	62	9.1	15.1	<0.5
A-15-121	386.20	387.00	0.80	2694520	788	0.6	22572	73.4	8.2	43	1.94	23	10.8	3.3	80	8.3	20.4	<0.5
A-15-121	387.00	388.00	1.00	2694521	1066	<0.5	21941	74.5	7.8	31	1.8	26	11.4	3.3	45	11.1	17.6	<0.5
A-15-121	388.00	389.00	1.00	2694522	656	0.7	22504	71.2	8	39	1.92	27	12.1	3.4	79	8.1	19.7	<0.5
A-15-121			0.00	2694523	44	<0.5	605	13.9	9.7	552	3.36	<5	0.9	3.1	98	<0.5	<0.5	<0.5
A-15-121	389.00	390.00	1.00	2694524	2254	0.6	21794	74.4	8.2	54	1.8	25	11.8	3.7	128	21.9	20	<0.5
A-15-121	390.00	391.00	1.00	2694525	578	0.6	21502	71.8	8.1	38	1.93	27	10.2	3.3	68	6	20.5	<0.5
A-15-121	391.00	392.00	1.00	2694526	719	0.8	21217	65.3	7.4	106	1.76	22	10.7	3.1	522	7.8	23.7	<0.5
A-15-121	392.00	393.00	1.00	2694527	1348	0.9	20528	84.2	8.9	36	1.91	25	12.2	3.7	85	15	19.3	<0.5
A-15-121	393.00	394.00	1.00	2694528	1392	0.7	19327	76.8	8.1	53	2.02	24	10.9	3.3	116	14.5	20.9	<0.5
A-15-121	394.00	395.00	1.00	2694529	1763	0.8	19923	76.7	8.4	26	1.73	25	12.2	3.5	54	19.6	17.3	<0.5
A-15-121	395.00	396.00	1.00	2694530	1483	0.8	17429	79.6	8.8	61	2.05	29	12.7	3.7	239	16.2	22.5	<0.5
A-15-121	396.00	397.00	1.00	2694531	573	0.8	18262	73.6	8	70	2.12	29	11.6	3.3	245	7.5	25.2	<0.5
A-15-121	397.00	398.00	1.00	2694532	1836	0.6	18857	73.3	7.6	54	2	26	11.2	3.4	163	22.1	20.2	<0.5
A-15-121			0.00	2694533	1876	0.7	19406	73.8	8	51	1.94	28	10.9	3.5	162	21.1	19.7	<0.5
A-15-121	398.00	399.00	1.00	2694534	554	0.8	17711	81	9.3	66	2.05	29	13.1	4.2	224	6.8	20.3	<0.5
A-15-121	399.00	400.00	1.00	2694535	1742	<0.5	17187	82.1	9.1	44	2.05	28	13	3.9	91	21.3	16.8	<0.5
A-15-121	400.00	401.00	1.00	2694536	33	0.6	15871	79.8	9	67	1.99	26	12.6	3.9	142	0.5	14.4	<0.5
A-15-121	401.00	401.85	0.85	2694537	356	<0.5	34221	52.8	5.1	138	1.75	17	5.4	3.9	531	3.9	9.1	<0.5
A-15-121	401.85	402.65	0.80	2694538	35	4.6	8100	112.9	6.8	196	8.14	93	3.8	4.9	242	0.9	65.3	<0.5
A-15-121	402.65	403.50	0.85	2694539	750	0.8	7585	64.1	8.1	59	1.88	16	1.7	7	112	7.4	9.5	<0.5
A-15-121	403.50	404.20	0.70	2694540	2724	0.6	7358	68.1	8.9	75	1.68	16	2.4	7.7	252	25.4	8.9	<0.5
A-15-121	404.20	405.20	1.00	2694541	2234	<0.5	7016	64	9	71	1.75	15	2.4	8	199	20	8.8	<0.5
A-15-121	405.20	406.20	1.00	2694542	2218	<0.5	7202	61.1	8.9	95	1.71	15	2.7	7.7	381	18.3	6.8	<0.5
A-15-121			0.00	2694543	27572	88.1	400	15	16.4	2444	3.41	43	<0.5	1.1	98	175	267.1	3.8

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM
A-15-121	370.60	371.60	1.00	2694501	36	0.73	0.05	19.2	6.5	0.04	1329	0.005	0.82	<0.01	0.19	<0.5	0.12	2.1
A-15-121	371.60	372.60	1.00	2694502	35	0.35	0.043	18	6.2	0.03	1441	0.004	1.01	<0.01	0.16	<0.5	0.17	2.1
A-15-121			0.00	2694503	71	1.97	0.049	7.5	24.4	1.3	250	0.132	1.59	0.18	0.2	1.2	0.47	3.2
A-15-121	372.60	373.58	0.98	2694504	29	2.25	0.035	13.5	5.5	0.18	3415	0.004	0.72	<0.01	0.15	<0.5	0.09	2
A-15-121	373.58	374.20	0.62	2694505	24	0.7	0.054	17.1	9.5	0.04	379	0.004	1.32	<0.01	0.16	<0.5	0.23	2.8
A-15-121	374.20	375.00	0.80	2694506	38	3.32	0.054	20.8	6.4	0.07	1336	0.005	1.04	<0.01	0.2	<0.5	0.11	3.4
A-15-121	375.00	376.00	1.00	2694507	27	0.82	0.058	20.8	6.3	0.06	533	0.005	1.2	<0.01	0.2	<0.5	0.22	2.9
A-15-121	376.00	377.00	1.00	2694508	32	1.12	0.057	20.9	6.6	0.06	772	0.005	1.3	<0.01	0.21	<0.5	0.14	2.8
A-15-121	377.00	378.00	1.00	2694509	28	1.7	0.053	19.4	5.7	0.06	821	0.004	1.06	<0.01	0.19	<0.5	0.13	3.1
A-15-121	378.00	379.00	1.00	2694510	32	1.63	0.047	19.3	6.2	0.05	659	0.005	1.24	<0.01	0.19	<0.5	0.19	3
A-15-121	379.00	380.00	1.00	2694511	27	2.95	0.06	21	5.4	0.07	1214	0.004	0.96	<0.01	0.18	<0.5	0.13	3.1
A-15-121	380.00	381.00	1.00	2694512	31	1.09	0.049	17.6	6.2	0.09	434	0.005	1.33	<0.01	0.2	<0.5	0.2	3.3
A-15-121			0.00	2694513	30	1.09	0.051	18.2	6.3	0.1	409	0.005	1.34	<0.01	0.19	<0.5	0.22	3.1
A-15-121	381.00	381.86	0.86	2694514	28	3.08	0.05	19.5	5.7	0.16	684	0.005	1.02	<0.01	0.18	<0.5	0.16	3
A-15-121	381.86	382.85	0.99	2694515	67	0.91	0.047	14.7	6.1	0.04	2493	0.004	0.97	<0.01	0.13	<0.5	0.12	2.1
A-15-121	382.85	383.50	0.65	2694516	63	0.91	0.044	15.8	5.5	0.04	2290	0.003	0.71	<0.01	0.13	<0.5	0.21	2
A-15-121	383.50	384.50	1.00	2694517	80	0.38	0.041	16.1	5.9	0.03	2056	0.004	0.76	<0.01	0.14	0.5	0.15	2
A-15-121	384.50	385.50	1.00	2694518	85	0.83	0.044	16.7	6.1	0.04	1966	0.004	0.95	<0.01	0.14	0.6	0.24	2
A-15-121	385.50	386.20	0.70	2694519	94	0.23	0.041	16.1	7	0.04	1823	0.005	0.98	<0.01	0.16	0.6	0.25	2
A-15-121	386.20	387.00	0.80	2694520	85	0.32	0.041	15.4	6.2	0.03	1662	0.004	0.91	<0.01	0.14	<0.5	0.22	1.8
A-15-121	387.00	388.00	1.00	2694521	83	0.23	0.041	15.1	5.3	0.03	1726	0.004	0.87	<0.01	0.15	0.7	0.3	1.8
A-15-121	388.00	389.00	1.00	2694522	84	0.3	0.042	15.4	5.8	0.03	1633	0.004	0.87	<0.01	0.14	<0.5	0.28	1.8
A-15-121			0.00	2694523	94	1.11	0.053	7.3	18	0.77	131	0.172	1.91	0.24	0.23	0.6	<0.05	3.5
A-15-121	389.00	390.00	1.00	2694524	94	0.54	0.043	16.1	6.8	0.04	2143	0.005	0.87	<0.01	0.16	<0.5	0.59	2.1
A-15-121	390.00	391.00	1.00	2694525	81	0.25	0.041	16.4	5.8	0.03	1227	0.004	0.82	<0.01	0.14	<0.5	0.26	1.5
A-15-121	391.00	392.00	1.00	2694526	77	2.6	0.041	15.9	5.8	0.04	1631	0.004	0.72	<0.01	0.13	<0.5	0.19	2
A-15-121	392.00	393.00	1.00	2694527	79	0.34	0.044	17	5.1	0.03	1661	0.004	0.86	<0.01	0.15	0.5	0.4	1.6
A-15-121	393.00	394.00	1.00	2694528	92	0.45	0.041	16.5	6.5	0.04	1453	0.005	0.85	<0.01	0.16	0.5	0.38	2
A-15-121	394.00	395.00	1.00	2694529	76	0.39	0.044	16.2	5.1	0.03	1687	0.004	0.83	<0.01	0.14	0.6	0.41	1.9
A-15-121	395.00	396.00	1.00	2694530	88	0.84	0.042	16.4	5.8	0.04	1337	0.004	0.55	<0.01	0.16	<0.5	0.47	1.5
A-15-121	396.00	397.00	1.00	2694531	82	0.73	0.042	15.6	6.7	0.04	1407	0.004	0.46	<0.01	0.14	<0.5	0.23	1.6
A-15-121	397.00	398.00	1.00	2694532	84	0.44	0.042	15.3	6.8	0.03	1449	0.004	0.61	<0.01	0.14	0.5	0.54	1.4
A-15-121			0.00	2694533	75	0.42	0.04	15.3	5.5	0.03	1477	0.004	0.58	<0.01	0.13	0.6	0.53	1.4
A-15-121	398.00	399.00	1.00	2694534	90	0.68	0.045	18	7.1	0.04	1901	0.005	0.5	<0.01	0.16	0.6	0.25	1.9
A-15-121	399.00	400.00	1.00	2694535	86	0.26	0.043	17.3	6.4	0.03	1584	0.004	0.62	<0.01	0.15	<0.5	0.47	1.5
A-15-121	400.00	401.00	1.00	2694536	101	0.38	0.044	16	9.1	0.04	2413	0.005	0.44	<0.01	0.16	<0.5	0.12	1.3
A-15-121	401.00	401.85	0.85	2694537	68	1.67	0.043	14.8	9.6	0.13	3205	0.004	0.3	<0.01	0.13	<0.5	0.14	2.3
A-15-121	401.85	402.65	0.80	2694538	73	0.68	0.053	15.3	9.8	0.07	272	0.006	0.51	<0.01	0.26	<0.5	0.21	1.8
A-15-121	402.65	403.50	0.85	2694539	52	0.41	0.075	26.9	8.5	0.13	1351	0.005	0.59	<0.01	0.31	<0.5	0.08	2.3
A-15-121	403.50	404.20	0.70	2694540	61	0.91	0.084	28.9	8.9	0.16	1106	0.005	0.64	<0.01	0.32	<0.5	0.18	2.4
A-15-121	404.20	405.20	1.00	2694541	62	0.88	0.076	30.2	8.7	0.19	1065	0.005	0.63	<0.01	0.33	<0.5	0.24	2.8
A-15-121	405.20	406.20	1.00	2694542	60	1.68	0.083	28.2	8.3	0.23	1266	0.005	0.59	<0.01	0.31	<0.5	0.17	2.8
A-15-121			0.00	2694543	25	3.02	0.044	3.3	27	0.63	83	0.062	0.87	0.04	0.2	4.4	0.42	1.6

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**	**%**	**%**
A-15-121	370.60	371.60	1.00	2694501	1.6	2.25	<5	3	2.549	3.38		
A-15-121	371.60	372.60	1.00	2694502	1.7	2.05	<5	2	2.562	4.24		
A-15-121			0.00	2694503	1	1.72	<5	5	I.S.	0.02		
A-15-121	372.60	373.58	0.98	2694504	1.3	1.28	<5	3	2.608	4.17		
A-15-121	373.58	374.20	0.62	2694505	6.3	5.63	<5	4	2.615	2.72		
A-15-121	374.20	375.00	0.80	2694506	2.1	2.08	<5	<2	2.559	4.08		
A-15-121	375.00	376.00	1.00	2694507	5	4.36	<5	4	2.571	3.95		
A-15-121	376.00	377.00	1.00	2694508	3.8	3.25	<5	4	2.56	4.04		
A-15-121	377.00	378.00	1.00	2694509	2.9	3.14	<5	5	2.567	3.81		
A-15-121	378.00	379.00	1.00	2694510	3.4	3.57	<5	5	2.61	3.6		
A-15-121	379.00	380.00	1.00	2694511	2.1	2.3	<5	4	2.573	3.96		
A-15-121	380.00	381.00	1.00	2694512	5.4	5.02	<5	5	2.637	4.5		
A-15-121			0.00	2694513	5.5	5.08	<5	4	2.656			
A-15-121	381.00	381.86	0.86	2694514	3.3	3.7	<5	8	2.546	3.06		
A-15-121	381.86	382.85	0.99	2694515	1.4	1.48	<5	9	2.548	4.07		
A-15-121	382.85	383.50	0.65	2694516	1.2	1.67	<5	8	2.528	1.87		
A-15-121	383.50	384.50	1.00	2694517	1.3	1.76	<5	10	2.487	2.38		
A-15-121	384.50	385.50	1.00	2694518	1.4	1.78	<5	11	2.606	3.2		
A-15-121	385.50	386.20	0.70	2694519	1.4	1.76	<5	10	2.561	2.91		
A-15-121	386.20	387.00	0.80	2694520	1.5	1.9	<5	10	2.453	2.74		
A-15-121	387.00	388.00	1.00	2694521	1.7	1.79	<5	14	2.468	3.6		
A-15-121	388.00	389.00	1.00	2694522	1.4	1.9	<5	12	2.449	3.68		
A-15-121			0.00	2694523	<0.5	<0.05	<5	<2	I.S.	0.04		
A-15-121	389.00	390.00	1.00	2694524	1.4	1.87	<5	13	2.446	4.63		
A-15-121	390.00	391.00	1.00	2694525	1.6	1.95	<5	14	2.443	3.71		
A-15-121	391.00	392.00	1.00	2694526	1.4	1.8	<5	13	2.466	4.46		
A-15-121	392.00	393.00	1.00	2694527	1.9	1.98	<5	14	2.446	2.47		
A-15-121	393.00	394.00	1.00	2694528	1.6	2.08	<5	10	2.503	3.7		
A-15-121	394.00	395.00	1.00	2694529	1.8	1.85	<5	12	2.461	3.82		
A-15-121	395.00	396.00	1.00	2694530	1.9	2.29	<5	13	2.439	4.44		
A-15-121	396.00	397.00	1.00	2694531	1.9	2.25	<5	12	2.507	3.6		
A-15-121	397.00	398.00	1.00	2694532	1.8	2.14	<5	15	2.54	3.7		
A-15-121			0.00	2694533	1.8	2.13	<5	14	2.543	<0.01		
A-15-121	398.00	399.00	1.00	2694534	2.3	2.26	<5	10	2.507	3.96		
A-15-121	399.00	400.00	1.00	2694535	2.1	2.07	<5	13	2.481	4.02		
A-15-121	400.00	401.00	1.00	2694536	2.3	1.91	<5	9	2.477	4.11		
A-15-121	401.00	401.85	0.85	2694537	1.8	1.23	<5	13	2.621	2.85		
A-15-121	401.85	402.65	0.80	2694538	12.1	8.99	<5	34	2.722	3.56		
A-15-121	402.65	403.50	0.85	2694539	2.6	2.07	<5	9	2.617	3.74		
A-15-121	403.50	404.20	0.70	2694540	2.7	1.92	<5	12	2.601	3.08		
A-15-121	404.20	405.20	1.00	2694541	2.4	1.91	<5	14	2.625	4.2		
A-15-121	405.20	406.20	1.00	2694542	2.6	1.89	<5	11	2.619	4.1		
A-15-121			0.00	2694543	0.9	3.06	<5	2	I.S.	0.03		

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM
A-15-121	406.20	407.16	0.96	2694544		0.01	99.00		VAN15001763	14.4	19.2	16.9
A-15-121	407.16	408.05	0.89	2694545		45.00	55.00		VAN15001763	28.8	82.5	313.4
A-15-121	408.05	408.60	0.55	2694546		28.00	72.00		VAN15001763	22.2	36.5	261.8
A-15-121	408.60	409.10	0.50	2694547		50.00	50.00		VAN15001763	24.3	54.1	357.5
A-15-121	409.10	409.50	0.40	2694548		0.01	99.00		VAN15001763	40.8	13.3	27
A-15-121	409.50	409.90	0.40	2694549		55.00	45.00		VAN15001763	35.1	82.3	380.6
A-15-121	409.90	410.50	0.60	2694550		1.00	99.00		VAN15001763	9.1	9	15.2
A-15-121	410.50	411.07	0.57	2694551		0.01	99.00		VAN15001763	24.3	12.7	27.6
A-15-121	411.07	411.41	0.34	2694552		90.00	10.00		VAN15001763	38.2	94.7	782.3
A-15-121			0.00	2694553				PULP DUPLICATE OF 2694552	VAN15001763	36.1	98.8	776.3
A-15-121	411.41	411.92	0.51	2694554		0.01	99.00		VAN15001763	11.6	17.8	100.9
A-15-121	411.92	412.72	0.80	2694555		58.00	42.00		VAN15001763	39.4	49.1	740.7
A-15-121	412.72	413.70	0.98	2694556		1.00	99.00		VAN15001763	11.5	14.3	84.9
A-15-121	413.70	414.60	0.90	2694557		73.00	27.00		VAN15001763	33.5	53.7	1058.7
A-15-121	414.60	415.50	0.90	2694558		0.01	99.00		VAN15001763	38.9	14.1	31.6
A-15-121	415.50	416.05	0.55	2694559		0.01	99.00		VAN15001763	32.9	27	88
A-15-121	416.05	417.10	1.05	2694560		33.00	77.00		VAN15001763	21.7	44.4	476.5
A-15-121	417.10	417.55	0.45	2694561		66.00	34.00		VAN15001763	35.6	74.8	838.5
A-15-121	417.55	418.50	0.95	2694562		1.00	99.00		VAN15001763	8.5	9.5	28.5
A-15-121			0.00	2694563				BLANK BL125	VAN15001763	5.1	92	4.7
A-15-121	418.50	419.16	0.66	2694564		0.01	99.00		VAN15001763	8.3	10.9	36.6
A-15-121	419.16	419.57	0.41	2694565		90.00	10.00		VAN15001763	30.2	81	1423.8
A-15-121	419.57	420.22	0.65	2694566		0.01	99.00		VAN15001763	11.2	10.2	42.8
A-15-121	420.22	421.20	0.98	2694567		66.00	34.00		VAN15001763	29.4	46.3	895.1
A-15-121	421.20	421.88	0.68	2694568		2.00	98.00		VAN15001763	7.4	13.6	64
A-15-121	421.88	422.40	0.52	2694569		20.00	80.00		VAN15001763	18	37.9	345.3
A-15-121	422.40	423.12	0.72	2694570		88.00	12.00		VAN15001763	30.3	42.1	718.9
A-15-121	423.12	423.83	0.71	2694571		1.00	99.00		VAN15001763	22.7	12.3	45.4
A-15-121	423.83	424.40	0.57	2694572		32.00	68.00		VAN15001763	16.6	36.2	333.1
A-15-121			0.00	2694573				COARSE DUPLICATE OF 2694572	VAN15001763	16.5	33.2	333.1
A-15-121	424.40	425.10	0.70	2694574		90.00	10.00		VAN15001763	36.6	31.6	1452.3
A-15-121	425.10	425.70	0.60	2694575		85.00	15.00		VAN15001763	35.2	47.4	1716.5
A-15-121	425.70	426.70	1.00	2694576		1.00	99.00		VAN15001763	9.1	13.6	73.1
A-15-121	426.70	426.98	0.28	2694577		82.00	18.00		VAN15001763	22.1	83.8	832.6
A-15-121	426.98	427.68	0.70	2694578	disseminated py near lower ct	20.00	80.00		VAN15001763	5.4	8.4	54.6
A-15-121	427.68	428.67	0.99	2694579		0.01	99.00		VAN15001763	36.8	32.4	223.2
A-15-121	428.67	429.70	1.03	2694580		7.00	93.00		VAN15001763	24.3	39.3	486.8
A-15-121	429.70	430.50	0.80	2694581		32.00	68.00		VAN15001763	17.1	54.1	955.9
A-15-121	430.50	430.87	0.37	2694582		70.00	30.00		VAN15001763	29.8	109.7	1754.2
A-15-121			0.00	2694583				STD PB145	VAN15001763	7.5	1867.4	13129.7
A-15-121	430.87	431.80	0.93	2694584		0.01	99.00		VAN15001763	11.1	11.4	181.9
A-15-121	431.80	432.80	1.00	2694585		0.01	99.00		VAN15001763	6.9	10.8	114.2
A-15-121	432.80	433.80	1.00	2694586		0.01	99.00		VAN15001763	8.1	15.9	261.4

HOLE ID	FROM	TO	LENGTH	SAMPLE #	AQ270 Zn PPM	AQ270 Ag PPM	LF301 Ba PPM	AQ270 Ni PPM	AQ270 Co PPM	AQ270 Mn PPM	AQ270 Fe %	AQ270 As PPM	AQ270 U PPM	AQ270 Th PPM	AQ270 Sr PPM	AQ270 Cd PPM	AQ270 Sb PPM	AQ270 Bi PPM
A-15-121	406.20	407.16	0.96	2694544	2404	<0.5	7671	62.3	7.3	102	1.67	12	3.1	6.8	342	19.3	6.2	<0.5
A-15-121	407.16	408.05	0.89	2694545	840	4.3	14224	95.7	5.7	259	9.31	73	2.9	3.8	221	8	42.3	<0.5
A-15-121	408.05	408.60	0.55	2694546	893	3	15362	84.5	6.6	213	7.7	51	3	4.5	373	8.7	26.7	<0.5
A-15-121	408.60	409.10	0.50	2694547	3892	3.9	15956	87.2	5.5	331	9.47	63	2.9	3	3884	27.6	30.4	<0.5
A-15-121	409.10	409.50	0.40	2694548	5030	0.6	10167	91.9	8.8	80	1.88	14	9.9	6	119	36.7	3	<0.5
A-15-121	409.50	409.90	0.40	2694549	1389	4.8	10693	128.8	6.5	234	12.48	99	2.7	3	292	10.7	34	<0.5
A-15-121	409.90	410.50	0.60	2694550	669	<0.5	11828	37.6	4.4	2622	2.26	8	2.3	4.3	959	5.4	1.4	<0.5
A-15-121	410.50	411.07	0.57	2694551	3369	0.5	17717	73.8	7.5	117	1.75	12	5.1	6.3	271	22.4	2.4	<0.5
A-15-121	411.07	411.41	0.34	2694552	3600	7.1	11210	110.7	4.5	371	17.57	118	2.2	2.1	402	24.4	43.1	<0.5
A-15-121			0.00	2694553	3646	7.4	10901	111.5	4.3	374	17.89	120	2.3	2	422	22	42.4	<0.5
A-15-121	411.41	411.92	0.51	2694554	1318	1	21041	52.7	6.6	136	2.82	20	2.3	6.4	259	9.9	4.8	<0.5
A-15-121	411.92	412.72	0.80	2694555	6844	4.9	13394	106	5	281	15	88	4.2	2.5	782	39.5	25	<0.5
A-15-121	412.72	413.70	0.98	2694556	2446	0.8	25254	57.5	7.5	130	2.13	14	2.1	6.7	179	14.3	2.5	<0.5
A-15-121	413.70	414.60	0.90	2694557	8465	5.6	13739	96.8	4.2	350	17.82	106	2.1	1.9	1494	45.6	24.5	<0.5
A-15-121	414.60	415.50	0.90	2694558	7320	0.7	10678	85.7	8.7	108	1.64	10	9.4	5.8	246	40.5	1.2	<0.5
A-15-121	415.50	416.05	0.55	2694559	6002	1.1	13852	103.8	8.5	105	2.19	20	7.3	5.8	145	32.5	3.2	<0.5
A-15-121	416.05	417.10	1.05	2694560	4554	3.3	13006	75.3	6.1	246	10.47	66	2.1	3.9	1170	23.5	15.1	<0.5
A-15-121	417.10	417.55	0.45	2694561	3778	4.6	8207	116.5	5.1	592	17.76	99	2.3	2.2	2114	19.6	26.1	<0.5
A-15-121	417.55	418.50	0.95	2694562	1638	<0.5	9982	48.3	6.7	247	2.22	6	1.9	8.8	514	9.6	1.9	<0.5
A-15-121			0.00	2694563	47	<0.5	608	14.3	10	560	3.65	<5	1	3	97	<0.5	<0.5	<0.5
A-15-121	418.50	419.16	0.66	2694564	1519	<0.5	11940	52.9	7.2	366	2.99	7	2	8	556	8.8	1.7	<0.5
A-15-121	419.16	419.57	0.41	2694565	11877	4.1	17453	108.4	6.5	318	15.56	93	2.1	2.8	450	57.9	25	<0.5
A-15-121	419.57	420.22	0.65	2694566	2357	0.6	31445	52.3	6.8	91	1.78	10	2.3	6.6	60	12.5	1.4	<0.5
A-15-121	420.22	421.20	0.98	2694567	8548	4.5	27249	94	4.6	366	15.51	77	2.6	2.5	666	41.2	18.3	<0.5
A-15-121	421.20	421.88	0.68	2694568	1244	0.6	25463	50.9	6.7	187	2.49	10	1.6	6.8	243	6.7	1.5	<0.5
A-15-121	421.88	422.40	0.52	2694569	5507	1.9	39536	71.7	6.4	214	7.26	35	1.8	4.6	670	24.8	6.8	<0.5
A-15-121	422.40	423.12	0.72	2694570	10412	5.9	40302	87.7	3.8	374	18.03	82	2	1.4	503	47.6	19	<0.5
A-15-121	423.12	423.83	0.71	2694571	4401	0.6	31212	82.4	6.9	133	2.12	10	5.4	6.2	656	20.5	1.5	<0.5
A-15-121	423.83	424.40	0.57	2694572	5182	2.1	48321	71.9	5.4	195	6.79	32	1.8	4.2	658	23.3	8.1	<0.5
A-15-121			0.00	2694573	5082	2.3	47008	68.8	5.7	181	6.68	31	1.8	4.3	646	22.8	8.3	<0.5
A-15-121	424.40	425.10	0.70	2694574	20813	8.2	45230	86.2	3.4	439	19.4	99	2.7	1.2	618	96.2	23.7	<0.5
A-15-121	425.10	425.70	0.60	2694575	10806	8.1	26327	94.3	3.5	383	18.24	107	2.2	1.5	1083	52.7	28.5	<0.5
A-15-121	425.70	426.70	1.00	2694576	2648	0.6	8302	54.7	6.5	104	1.92	10	2	7.3	243	13.3	3	<0.5
A-15-121	426.70	426.98	0.28	2694577	12127	6.3	8552	88.5	5.2	185	11.62	84	2.3	2.9	928	68.3	36.3	<0.5
A-15-121	426.98	427.68	0.70	2694578	2387	0.6	17735	23.4	1.7	130	1.3	5	1.5	0.9	4556	12.7	1.4	<0.5
A-15-121	427.68	428.67	0.99	2694579	7226	2.2	5755	119.5	8.4	50	2.66	25	9	5.4	74	34.8	5.7	<0.5
A-15-121	428.67	429.70	1.03	2694580	6127	2.2	10634	94.3	7.3	108	3.81	28	5.4	5.2	476	31.8	7.9	<0.5
A-15-121	429.70	430.50	0.80	2694581	8293	2.9	24482	73.1	5.5	280	7.32	39	2.3	4	996	39.1	14.2	<0.5
A-15-121	430.50	430.87	0.37	2694582	13264	8	28509	106.6	5.2	296	13.91	89	2.4	1.6	739	72.1	32.9	<0.5
A-15-121			0.00	2694583	15411	60.6	634	14.7	18.4	1508	4.26	57	1	2.5	88	120.9	180.3	5.7
A-15-121	430.87	431.80	0.93	2694584	1621	0.8	9355	66.5	7.2	126	1.91	10	1.9	5.8	434	8.5	2	<0.5
A-15-121	431.80	432.80	1.00	2694585	1380	<0.5	7457	55.3	7.9	125	1.64	8	1.4	5.7	222	7.3	2.1	<0.5
A-15-121	432.80	433.80	1.00	2694586	1657	0.6	47606	56.2	6.5	130	1.79	11	1.7	4.8	2538	10	2.2	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM
A-15-121	406.20	407.16	0.96	2694544	71	1.48	0.091	27	9.6	0.2	2042	0.006	0.62	<0.01	0.3	<0.5	0.2	2.6
A-15-121	407.16	408.05	0.89	2694545	56	1.11	0.051	15.1	7.9	0.24	339	0.004	0.8	<0.01	0.23	<0.5	0.17	2.6
A-15-121	408.05	408.60	0.55	2694546	57	1	0.055	17.2	8.1	0.22	314	0.004	0.82	<0.01	0.24	<0.5	0.16	2.4
A-15-121	408.60	409.10	0.50	2694547	54	1.73	0.052	12.4	7.2	0.17	246	0.004	0.65	<0.01	0.19	<0.5	0.34	2.2
A-15-121	409.10	409.50	0.40	2694548	111	0.59	0.126	24.2	11.3	0.15	2072	0.006	0.72	<0.01	0.28	<0.5	0.23	2.8
A-15-121	409.50	409.90	0.40	2694549	48	0.67	0.044	12.3	7.3	0.11	149	0.004	0.57	<0.01	0.19	<0.5	0.24	1.8
A-15-121	409.90	410.50	0.60	2694550	93	11.42	0.107	16.2	8.4	1.01	2468	0.005	0.63	0.01	0.19	<0.5	<0.05	2.6
A-15-121	410.50	411.07	0.57	2694551	69	1.01	0.089	24.2	9	0.15	1828	0.004	0.79	<0.01	0.23	<0.5	0.17	2.4
A-15-121	411.07	411.41	0.34	2694552	49	1.52	0.038	8.3	8.3	0.1	114	0.004	0.54	<0.01	0.17	<0.5	0.32	2
A-15-121			0.00	2694553	51	1.52	0.037	8	8	0.1	127	0.004	0.55	<0.01	0.17	<0.5	0.35	2.1
A-15-121	411.41	411.92	0.51	2694554	56	1.15	0.064	26.7	8.1	0.15	1019	0.005	1.11	<0.01	0.24	<0.5	0.09	2.6
A-15-121	411.92	412.72	0.80	2694555	67	0.84	0.054	10.6	9.5	0.08	158	0.005	0.69	<0.01	0.18	<0.5	0.51	2.1
A-15-121	412.72	413.70	0.98	2694556	55	0.84	0.083	30.7	9.5	0.17	1703	0.005	1.24	<0.01	0.25	<0.5	0.13	2.9
A-15-121	413.70	414.60	0.90	2694557	53	0.77	0.037	8.9	9.9	0.16	158	0.004	0.62	<0.01	0.16	<0.5	0.57	2
A-15-121	414.60	415.50	0.90	2694558	100	0.81	0.164	24.2	10.2	0.17	1955	0.007	0.71	<0.01	0.26	<0.5	0.38	2.4
A-15-121	415.50	416.05	0.55	2694559	90	0.76	0.154	23.5	10.5	0.17	1270	0.006	0.83	<0.01	0.25	<0.5	0.34	2.4
A-15-121	416.05	417.10	1.05	2694560	48	0.74	0.056	14.6	9.1	0.14	263	0.004	0.64	<0.01	0.21	<0.5	0.32	2.1
A-15-121	417.10	417.55	0.45	2694561	55	3.55	0.05	7.7	8.7	0.14	140	0.004	0.37	<0.01	0.17	<0.5	0.34	1.6
A-15-121	417.55	418.50	0.95	2694562	52	1.38	0.07	32.3	7.9	0.45	2212	0.005	0.63	<0.01	0.29	<0.5	0.08	4.1
A-15-121			0.00	2694563	104	1.15	0.057	7.5	19.1	0.8	130	0.177	1.92	0.24	0.25	0.6	<0.05	4.1
A-15-121	418.50	419.16	0.66	2694564	56	2.01	0.071	28.4	8.6	0.67	1106	0.005	0.67	<0.01	0.28	<0.5	0.1	4.1
A-15-121	419.16	419.57	0.41	2694565	41	0.72	0.042	11.3	8.3	0.16	143	0.004	0.68	<0.01	0.17	<0.5	0.86	2.5
A-15-121	419.57	420.22	0.65	2694566	62	0.36	0.082	27	9.9	0.14	2700	0.006	1.54	<0.01	0.25	<0.5	0.17	3.1
A-15-121	420.22	421.20	0.98	2694567	50	1.54	0.05	10.5	9.6	0.16	165	0.004	0.69	<0.01	0.15	<0.5	0.61	2.4
A-15-121	421.20	421.88	0.68	2694568	49	1.01	0.072	25.4	9	0.38	1205	0.005	1.07	<0.01	0.23	<0.5	<0.05	3.8
A-15-121	421.88	422.40	0.52	2694569	53	0.74	0.056	17	10.4	0.21	516	0.006	1.27	<0.01	0.21	<0.5	0.31	3.2
A-15-121	422.40	423.12	0.72	2694570	49	0.93	0.035	5.6	10.6	0.15	133	0.003	0.59	<0.01	0.11	0.6	0.7	2.8
A-15-121	423.12	423.83	0.71	2694571	79	0.79	0.126	25.5	10.5	0.2	1493	0.005	0.98	<0.01	0.22	<0.5	0.18	3
A-15-121	423.83	424.40	0.57	2694572	51	0.73	0.057	16.8	9.7	0.21	410	0.005	1.46	<0.01	0.18	<0.5	0.33	4.5
A-15-121			0.00	2694573	56	0.71	0.056	16.5	10.1	0.21	428	0.005	1.49	<0.01	0.19	<0.5	0.29	4.3
A-15-121	424.40	425.10	0.70	2694574	56	0.87	0.034	5.1	10.9	0.13	234	0.002	0.68	<0.01	0.07	0.5	1.11	3.4
A-15-121	425.10	425.70	0.60	2694575	54	0.88	0.036	7	10.5	0.1	138	0.004	0.6	<0.01	0.13	0.6	0.64	2.6
A-15-121	425.70	426.70	1.00	2694576	53	0.65	0.075	25.5	8.2	0.22	1307	0.005	0.55	<0.01	0.26	<0.5	0.14	2.7
A-15-121	426.70	426.98	0.28	2694577	61	0.79	0.039	10.1	9.9	0.17	149	0.004	0.36	<0.01	0.17	0.5	0.49	1.6
A-15-121	426.98	427.68	0.70	2694578	37	1.19	0.029	1.7	6.2	0.2	4480	0.002	0.15	<0.01	0.06	<0.5	0.07	1
A-15-121	427.68	428.67	0.99	2694579	127	0.33	0.133	4	13.2	0.06	934	0.006	0.58	<0.01	0.26	0.6	0.2	1.8
A-15-121	428.67	429.70	1.03	2694580	75	0.71	0.1	4.3	9.9	0.14	596	0.004	0.48	<0.01	0.23	<0.5	0.15	2.3
A-15-121	429.70	430.50	0.80	2694581	59	1.42	0.06	4.2	9.6	0.36	324	0.005	0.51	<0.01	0.23	<0.5	0.15	3.2
A-15-121	430.50	430.87	0.37	2694582	40	0.98	0.037	3.1	7.6	0.16	143	0.003	0.32	<0.01	0.16	0.8	0.26	2.2
A-15-121			0.00	2694583	80	1.94	0.048	7.7	22.4	1.25	249	0.135	1.56	0.18	0.19	1.1	0.5	2.8
A-15-121	430.87	431.80	0.93	2694584	49	1.37	0.083	4.7	7.8	0.23	2344	0.005	0.51	<0.01	0.26	<0.5	0.07	2.9
A-15-121	431.80	432.80	1.00	2694585	41	0.85	0.072	3.9	7.5	0.24	1309	0.005	0.52	<0.01	0.26	<0.5	<0.05	2.8
A-15-121	432.80	433.80	1.00	2694586	46	1.87	0.075	6.6	7.7	0.23	2943	0.005	0.48	<0.01	0.22	<0.5	0.1	2.6

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	PPM	PPM	NONE	KG	%	%
A-15-121	406.20	407.16	0.96	2694544	2.3	1.86	<5	14	2.609	4.41		
A-15-121	407.16	408.05	0.89	2694545	13.6	10.06	<5	25	2.8	3.91		
A-15-121	408.05	408.60	0.55	2694546	12.3	8.38	<5	17	2.803	2.59		
A-15-121	408.60	409.10	0.50	2694547	16.7	10.46	<5	16	2.848	2.64		
A-15-121	409.10	409.50	0.40	2694548	3.3	2.15	<5	11	2.518	1.51		
A-15-121	409.50	409.90	0.40	2694549	21.6	13.78	<5	26	2.908	1.82		
A-15-121	409.90	410.50	0.60	2694550	1.7	1.59	<5	8	2.648	2.43		
A-15-121	410.50	411.07	0.57	2694551	2.8	1.83	<5	12	2.557	3.2		
A-15-121	411.07	411.41	0.34	2694552	27.2	19.73	<5	29	3.064	2.02		
A-15-121			0.00	2694553	27.3	19.66	<5	28	3.048			
A-15-121	411.41	411.92	0.51	2694554	4	2.78	<5	8	2.644	1.81		
A-15-121	411.92	412.72	0.80	2694555	24.5	16.49	<5	24	2.984	3.93		
A-15-121	412.72	413.70	0.98	2694556	3.5	1.93	<5	6	2.639	4.18		
A-15-121	413.70	414.60	0.90	2694557	34.6	19.71	<5	20	3.038	4.71		
A-15-121	414.60	415.50	0.90	2694558	2.4	2	<5	9	2.515	2.71		
A-15-121	415.50	416.05	0.55	2694559	3.9	2.45	<5	14	2.57	2.11		
A-15-121	416.05	417.10	1.05	2694560	17.6	11.51	<5	10	2.876	4.04		
A-15-121	417.10	417.55	0.45	2694561	29.2	19.77	<5	19	3.081	2.07		
A-15-121	417.55	418.50	0.95	2694562	2.4	2.11	<5	4	2.637	3.83		
A-15-121			0.00	2694563	<0.5	<0.05	5	<2	I.S.	0.02		
A-15-121	418.50	419.16	0.66	2694564	2.1	3.04	<5	6	2.645	2.93		
A-15-121	419.16	419.57	0.41	2694565	39.4	17.53	<5	18	3.131	2.32		
A-15-121	419.57	420.22	0.65	2694566	2.2	1.37	<5	4	2.631	2.21		
A-15-121	420.22	421.20	0.98	2694567	41	17.22	<5	16	3.05	4.78		
A-15-121	421.20	421.88	0.68	2694568	4.3	2.42	<5	3	2.676	2.97		
A-15-121	421.88	422.40	0.52	2694569	23.1	7.73	<5	7	2.751	2.23		
A-15-121	422.40	423.12	0.72	2694570	84.8	21.54	<5	12	3.222	3.74		
A-15-121	423.12	423.83	0.71	2694571	5.1	2.17	<5	8	2.567	2.9		
A-15-121	423.83	424.40	0.57	2694572	27.4	7.47	<5	8	2.871	2.92		
A-15-121			0.00	2694573	28.3	7.28	<5	7	2.832			
A-15-121	424.40	425.10	0.70	2694574	90.6	23.05	<5	17	3.286	3.6		
A-15-121	425.10	425.70	0.60	2694575	77.6	21.56	<5	21	3.235	3.35		
A-15-121	425.70	426.70	1.00	2694576	3.7	2.31	<5	4	2.645	3.86		
A-15-121	426.70	426.98	0.28	2694577	52.3	14.36	<5	16	2.907	1.6		
A-15-121	426.98	427.68	0.70	2694578	3.2	1.09	<5	5	2.687	3.19		
A-15-121	427.68	428.67	0.99	2694579	10.4	3.59	<5	17	2.549	3.88		
A-15-121	428.67	429.70	1.03	2694580	18.8	4.73	<5	14	2.665	4.52		
A-15-121	429.70	430.50	0.80	2694581	45.6	8.65	<5	9	2.795	3.72		
A-15-121	430.50	430.87	0.37	2694582	107.9	16.67	<5	14	3.066	1.89		
A-15-121			0.00	2694583	0.7	1.86	5	6	I.S.	0.03		
A-15-121	430.87	431.80	0.93	2694584	5.2	2.28	<5	4	2.595	3.17		
A-15-121	431.80	432.80	1.00	2694585	4.3	1.97	<5	4	2.678	4.17		
A-15-121	432.80	433.80	1.00	2694586	5.3	1.14	<5	8	2.586	4.54		

										AQ270 Mo	AQ270 Cu	AQ270 Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM
A-15-121	433.80	434.30	0.50	2694587		70.00	30.00		VAN15001763	25.3	60.3	2964.1
A-15-121	434.30	435.15	0.85	2694588		95.00	5.00		VAN15001763	31.2	43.4	5311.5
A-15-121	435.15	435.86	0.71	2694589		79.00	21.00		VAN15001763	25.4	29.5	5141.6
A-15-121	435.86	436.85	0.99	2694590		63.00	37.00		VAN15001763	23.5	33.8	4323.6
A-15-121	436.85	437.40	0.55	2694591		0.01	99.00		VAN15001763	12.6	14	1198.5
A-15-121	437.40	438.00	0.60	2694592		33.00	67.00		VAN15001763	18.9	33.6	2397.5
A-15-121			0.00	2694593				PULP DUPLICATE OF 2694593	VAN15001763	19.2	34	2400.1
A-15-121	438.00	438.70	0.70	2694594		92.00	8.00		VAN15001763	23.7	34.6	4283.1
A-15-121	438.70	439.15	0.45	2694595		66.00	34.00		VAN15001763	29.3	33.9	4425
A-15-121	439.15	439.90	0.75	2694596		87.00	13.00		VAN15001763	25.4	42.7	7578.1
A-15-121	439.90	440.54	0.64	2694597		30.00	70.00		VAN15001763	16.5	24.4	3583.2
A-15-121	440.54	441.05	0.51	2694598		26.00	74.00		VAN15001763	22.5	36.9	5449.7
A-15-121	441.05	442.00	0.95	2694599		76.00	24.00		VAN15001763	26.2	66.3	7197.2
A-15-121	442.00	443.00	1.00	2694600		0.01	99.00		VAN15001763	8.1	17.8	398.3
A-15-121	443.00	444.00	1.00	2694701	sample sequence changes because two books are missing	0.01	99.00		VAN15001763	7.2	12.4	419
A-15-121	444.00	445.00	1.00	2694702		0.01	99.00		VAN15001763	9.4	13.7	491.3
A-15-121			0.00	2694703				BLANK BL125	VAN15001763	4.6	89.1	5
A-15-121	445.00	445.90	0.90	2694704		50.00	50.00		VAN15001763	20.4	71.8	3791.7
A-15-121	445.90	446.70	0.80	2694705	abundant grey sph bands	60.00	40.00		VAN15001763	20.2	47.3	19037.8
A-15-121	446.70	447.60	0.90	2694706	abundant grey sph bands	62.00	38.00		VAN15001763	15.2	43.6	19034
A-15-121	447.60	448.30	0.70	2694707		73.00	27.00		VAN15001763	25	70.2	16908.8
A-15-121	448.30	449.05	0.75	2694708		0.01	99.00		VAN15001763	10.4	22.8	1469.3
A-15-121	449.05	449.90	0.85	2694709	abundant grey sph bands	73.00	27.00		VAN15001763	23	68.4	28385.9
A-15-121	449.90	450.90	1.00	2694710	abundant grey sph bands	66.00	34.00		VAN15001763	17.8	58.9	21241.9
A-15-121	450.90	451.55	0.65	2694711	half of sulphide is grey sph bands	50.00	50.00		VAN15001763	19.6	46.4	12128.7
A-15-121	451.55	452.00	0.45	2694712	half of sulphide is grey sph bands	40.00	60.00		VAN15001763	21.4	60.3	17921.5
A-15-121			0.00	2694713				COARSE DUPLICATE	VAN15001763	22.4	60.8	17589.4
A-15-121	452.00	452.50	0.50	2694714	mottled texture + grey sph dominate	80.00	20.00		VAN15001763	15.9	50	27244.8
A-15-121	452.50	453.05	0.55	2694715	mottled texture + grey sph dominate	50.00	50.00		VAN15001763	18.8	54	22291.3
A-15-121	453.05	453.50	0.45	2694716	mottled texture + grey sph dominate	100.00	0.00		VAN15001763	24.4	66.1	30811.2
A-15-121	453.50	454.25	0.75	2694717	mottled texture + grey sph dominate	68.00	32.00		VAN15001763	16.4	54.4	21766.4
A-15-121	454.25	455.25	1.00	2694718	mottled texture + grey sph dominate	82.00	18.00		VAN15001763	22.2	63.1	36214.6
A-15-121	455.25	456.25	1.00	2694719	mottled texture + grey sph dominate	91.00	9.00		VAN15001763	19.7	58.7	30015.8
A-15-121	456.25	457.20	0.95	2694720	mottled texture + grey sph dominate	94.00	6.00		VAN15001763	11.6	55	32236.4
A-15-121	457.20	458.00	0.80	2694721	mottled texture + grey sph dominate	25.00	75.00		VAN15001763	17	52.2	17121.4
A-15-121	458.00	458.60	0.60	2694722	mottled texture + grey sph dominate	35.00	65.00		VAN15001763	24	53.9	19680.5
A-15-121			0.00	2694723				STANDARD PB136	VAN15001763	10.9	5499	22904.3
A-15-121	458.60	459.55	0.95	2694724	mottled texture + grey sph dominate	87.00	13.00		VAN15001763	17.3	64.8	>40000.0
A-15-121	459.55	460.25	0.70	2694725	mottled texture + grey sph dominate	65.00	35.00		VAN15001763	14.3	64.7	>40000.0
A-15-121	460.25	461.03	0.78	2694726	mottled texture + grey sph dominate	75.00	25.00		VAN15001763	17.5	58.2	18144
A-15-121	461.03	461.65	0.62	2694727		5.00	95.00		VAN15001763	5	5.5	2988.1
A-15-121	461.65	462.35	0.70	2694728	py to sph at 1:1	70.00	30.00		VAN15001763	32	34.6	3453.1

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-121	433.80	434.30	0.50	2694587	38850	7.6	71986	74.4	3.7	449	12.51	64	2.3	0.9	779	188.6	19.5	<0.5
A-15-121	434.30	435.15	0.85	2694588	64058	9.8	73241	74.3	2.6	532	15.84	75	3	<0.5	1444	314	20.6	<0.5
A-15-121	435.15	435.86	0.71	2694589	46807	10.4	77600	69.5	3.1	480	15.57	75	2.4	0.6	1547	228.5	16.8	<0.5
A-15-121	435.86	436.85	0.99	2694590	36982	7.8	66897	75.3	3.9	472	12.66	64	2.8	0.9	1881	189.5	13.1	<0.5
A-15-121	436.85	437.40	0.55	2694591	2707	0.7	39379	68	6.5	89	1.54	9	2.9	4	1204	13.5	1.5	<0.5
A-15-121	437.40	438.00	0.60	2694592	16888	3.5	41200	83.9	6.5	222	7.09	41	2.5	2.4	794	90.5	8.1	<0.5
A-15-121			0.00	2694593	17645	3.8	41186	84.8	6.7	222	7.31	45	2.8	2.4	809	90.5	8	<0.5
A-15-121	438.00	438.70	0.70	2694594	32421	9.2	52095	69.5	3.9	409	12.74	72	2.7	0.8	636	175.5	15	<0.5
A-15-121	438.70	439.15	0.45	2694595	33150	9.9	51345	83.1	4.6	545	12.85	76	2.9	1.1	890	186.5	16.9	<0.5
A-15-121	439.15	439.90	0.75	2694596	69593	12.8	56813	74.7	3.3	535	15.89	84	2.2	0.6	1248	387.7	24.4	<0.5
A-15-121	439.90	440.54	0.64	2694597	23127	4.5	54613	67.9	4.9	611	5.87	33	2.7	2.2	1397	130.9	9.6	<0.5
A-15-121	440.54	441.05	0.51	2694598	25167	6.4	36825	87.2	5.8	282	7.98	44	3.9	2.5	860	147	13.9	<0.5
A-15-121	441.05	442.00	0.95	2694599	46219	11.1	39697	83.8	4.1	450	12.82	71	3.2	1.2	937	272.7	25.4	<0.5
A-15-121	442.00	443.00	1.00	2694600	2326	0.8	9800	69.2	8.1	82	1.67	10	1.8	5.2	330	13.5	2.9	<0.5
A-15-121	443.00	444.00	1.00	2694701	1540	<0.5	18950	62.8	7.9	160	1.64	8	1.6	5	803	9.2	2	<0.5
A-15-121	444.00	445.00	1.00	2694702	2120	0.6	12252	65	7.8	129	1.63	11	1.9	5	517	12.3	2.6	<0.5
A-15-121			0.00	2694703	44	<0.5	587	15	8.7	546	3.48	<5	0.9	2.9	92	<0.5	<0.5	<0.5
A-15-121	445.00	445.90	0.90	2694704	27158	9.9	43027	77.2	4.4	393	10.77	57	2.2	1.5	1149	158.6	22.2	<0.5
A-15-121	445.90	446.70	0.80	2694705	101784	13.1	63145	58.6	3.4	473	10	33	3.1	0.6	1245	624.3	20.3	<0.5
A-15-121	446.70	447.60	0.90	2694706	99116	11.8	83599	54.1	3.9	324	8.2	28	2.5	0.8	1358	582.7	16.9	0.7
A-15-121	447.60	448.30	0.70	2694707	94422	20	45897	73.9	3.5	525	11.93	48	3.8	0.6	832	575.6	31.8	<0.5
A-15-121	448.30	449.05	0.75	2694708	2198	1.3	32870	66.8	7.1	79	1.64	11	2.4	3.9	582	15.2	3.4	<0.5
A-15-121	449.05	449.90	0.85	2694709	128208	22.2	70417	58.1	2.8	463	11.03	39	3.6	<0.5	876	907.3	33.7	<0.5
A-15-121	449.90	450.90	1.00	2694710	111730	17.6	70747	53.5	3.4	526	9.26	29	2.9	0.5	915	734.7	26	<0.5
A-15-121	450.90	451.55	0.65	2694711	45728	11.3	57546	69.9	5.6	301	6.75	25	4.4	1.6	862	292.5	18.7	<0.5
A-15-121	451.55	452.00	0.45	2694712	78562	16.2	55366	61.4	4	353	8.5	33	3.4	0.9	1072	494.5	28.9	<0.5
A-15-121			0.00	2694713	75887	16.4	55683	67.1	4.3	338	8.42	37	3.5	1	1096	506.1	28.4	<0.5
A-15-121	452.00	452.50	0.50	2694714	127808	17.5	97859	41.2	2.8	356	7.89	20	3.6	<0.5	1373	824	29.3	<0.5
A-15-121	452.50	453.05	0.55	2694715	105888	16.1	69810	53.9	4.2	336	7.33	23	3.3	0.9	1077	689.1	25.9	<0.5
A-15-121	453.05	453.50	0.45	2694716	112240	22.4	86951	55.5	3	468	10.11	33	4.3	0.5	1687	711.9	36.4	<0.5
A-15-121	453.50	454.25	0.75	2694717	95911	16.3	73826	50.5	4.1	348	7.85	28	2.9	0.7	978	579.8	23.1	<0.5
A-15-121	454.25	455.25	1.00	2694718	158490	27.5	78996	49.4	2.4	532	9.74	33	3.5	<0.5	725	1070.5	30.9	<0.5
A-15-121	455.25	456.25	1.00	2694719	141836	30.1	80087	50.2	2.2	607	11.62	46	2.9	<0.5	516	880.6	19.6	<0.5
A-15-121	456.25	457.20	0.95	2694720	169701	25	104695	33.5	1.5	649	10.96	33	1.8	<0.5	729	1067	16	<0.5
A-15-121	457.20	458.00	0.80	2694721	58002	13.9	26532	72.3	6.1	246	6.24	29	3.3	1.9	458	430.2	12.2	<0.5
A-15-121	458.00	458.60	0.60	2694722	78552	16.3	39161	71.1	4.9	425	7.06	32	4.5	1.1	595	554.2	15.2	<0.5
A-15-121			0.00	2694723	26105	85.4	405	12	13.6	2290	3.2	37	<0.5	0.9	95	173.7	240.4	3.1
A-15-121	458.60	459.55	0.95	2694724	182065	23.8	74636	44.3	2.6	399	9.23	33	2.7	<0.5	561	1182.9	20.8	<0.5
A-15-121	459.55	460.25	0.70	2694725	193763	23.6	81545	39.3	2.3	708	9.68	32	2.3	<0.5	619	1239.1	20.7	<0.5
A-15-121	460.25	461.03	0.78	2694726	100380	18.2	28556	57.7	3.9	529	8.95	42	2.5	1	383	606.9	14	<0.5
A-15-121	461.03	461.65	0.62	2694727	3054	1.3	29478	24.9	1.8	117	1.18	6	1.3	0.9	1020	19.5	1.7	<0.5
A-15-121	461.65	462.35	0.70	2694728	11685	5.8	8856	129.3	8.3	148	4.12	46	7.1	4.3	256	74.5	7.6	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM
A-15-121	433.80	434.30	0.50	2694587	47	1.43	0.043	1.5	10.6	0.28	201	0.003	0.81	<0.01	0.09	<0.5	0.84	4.7
A-15-121	434.30	435.15	0.85	2694588	76	0.93	0.034	1.1	14.9	0.2	300	0.003	0.48	0.01	0.06	<0.5	1.29	4.1
A-15-121	435.15	435.86	0.71	2694589	61	0.82	0.033	1.2	12.7	0.21	267	0.002	0.94	<0.01	0.05	<0.5	1.14	5.6
A-15-121	435.86	436.85	0.99	2694590	68	2.32	0.049	1.7	11	0.19	230	0.004	0.46	<0.01	0.12	0.5	0.87	4
A-15-121	436.85	437.40	0.55	2694591	58	0.78	0.076	3.1	7.1	0.19	2693	0.004	0.54	<0.01	0.19	<0.5	0.05	3.7
A-15-121	437.40	438.00	0.60	2694592	58	0.64	0.06	2	8.7	0.17	476	0.005	0.62	<0.01	0.2	0.6	0.39	3.3
A-15-121			0.00	2694593	57	0.66	0.057	2.1	8.9	0.17	229	0.005	0.64	<0.01	0.2	<0.5	0.4	3.8
A-15-121	438.00	438.70	0.70	2694594	51	1.06	0.048	1.2	9.1	0.2	207	0.003	0.61	<0.01	0.12	<0.5	0.77	3.6
A-15-121	438.70	439.15	0.45	2694595	62	2.24	0.052	1.2	11	0.23	187	0.004	0.8	<0.01	0.11	<0.5	0.79	4.2
A-15-121	439.15	439.90	0.75	2694596	51	1.25	0.033	1.3	10.7	0.28	164	0.002	0.33	<0.01	0.07	<0.5	1.44	2.7
A-15-121	439.90	440.54	0.64	2694597	60	4.33	0.069	2.7	7.8	0.24	401	0.004	0.46	<0.01	0.16	<0.5	0.46	3.1
A-15-121	440.54	441.05	0.51	2694598	58	0.87	0.054	1.9	7.6	0.19	308	0.004	0.56	<0.01	0.17	<0.5	0.66	3.5
A-15-121	441.05	442.00	0.95	2694599	61	1.43	0.037	1.6	8.5	0.18	200	0.004	0.36	<0.01	0.17	<0.5	1.06	2.3
A-15-121	442.00	443.00	1.00	2694600	44	0.47	0.063	3.2	6.3	0.17	2147	0.004	0.47	<0.01	0.25	<0.5	0.09	2
A-15-121	443.00	444.00	1.00	2694701	49	1.62	0.063	4.1	7.3	0.27	2097	0.005	0.56	<0.01	0.27	<0.5	0.07	3.1
A-15-121	444.00	445.00	1.00	2694702	57	0.93	0.066	3.3	7.8	0.22	1680	0.004	0.54	<0.01	0.27	<0.5	<0.05	3
A-15-121			0.00	2694703	99	1.11	0.056	7.5	18	0.77	131	0.168	1.83	0.22	0.22	0.7	<0.05	3.4
A-15-121	445.00	445.90	0.90	2694704	49	1.65	0.041	2.2	7.7	0.28	220	0.004	0.34	<0.01	0.17	0.5	0.63	2.3
A-15-121	445.90	446.70	0.80	2694705	57	3.53	0.051	1	8.8	0.18	122	0.003	0.3	<0.01	0.09	<0.5	2.45	2.8
A-15-121	446.70	447.60	0.90	2694706	54	1.25	0.039	1.3	8	0.26	127	0.003	0.42	<0.01	0.12	<0.5	2.35	3.4
A-15-121	447.60	448.30	0.70	2694707	55	1.21	0.039	1	6.9	0.17	107	0.004	0.28	<0.01	0.11	0.5	2.61	2.7
A-15-121	448.30	449.05	0.75	2694708	59	0.42	0.065	1.9	7.8	0.26	1761	0.006	0.62	<0.01	0.26	<0.5	0.09	5
A-15-121	449.05	449.90	0.85	2694709	53	1.44	0.043	1.1	7.4	0.21	89	0.004	0.22	<0.01	0.1	0.5	3.85	2.1
A-15-121	449.90	450.90	1.00	2694710	49	1.45	0.037	1.1	7.5	0.15	107	0.004	0.25	<0.01	0.12	<0.5	2.8	2.3
A-15-121	450.90	451.55	0.65	2694711	65	0.82	0.055	1.4	7.2	0.18	167	0.005	0.36	<0.01	0.17	<0.5	1.26	2.9
A-15-121	451.55	452.00	0.45	2694712	55	1.25	0.045	1.6	6.1	0.17	150	0.005	0.27	<0.01	0.13	<0.5	2.14	2.7
A-15-121			0.00	2694713	52	1.26	0.047	1.5	6.2	0.19	138	0.004	0.28	<0.01	0.12	<0.5	2.06	2.6
A-15-121	452.00	452.50	0.50	2694714	58	1.62	0.038	1.9	5.6	0.18	113	0.003	0.2	<0.01	0.09	<0.5	3.43	2.1
A-15-121	452.50	453.05	0.55	2694715	67	0.92	0.038	1.4	7.8	0.16	134	0.004	0.32	<0.01	0.16	<0.5	2.96	2.6
A-15-121	453.05	453.50	0.45	2694716	62	2.08	0.034	0.7	5.5	0.13	89	0.002	0.16	<0.01	0.09	<0.5	3.02	1.8
A-15-121	453.50	454.25	0.75	2694717	48	1.17	0.037	1	5.9	0.16	121	0.002	0.25	<0.01	0.13	<0.5	2.81	2.2
A-15-121	454.25	455.25	1.00	2694718	43	1.08	0.032	0.7	5.8	0.12	83	0.002	0.15	<0.01	0.07	0.5	5.07	1.6
A-15-121	455.25	456.25	1.00	2694719	41	0.66	0.029	0.6	6.6	0.12	68	0.002	0.14	<0.01	0.08	<0.5	4.9	1.6
A-15-121	456.25	457.20	0.95	2694720	25	2.09	0.024	0.6	4.9	0.21	69	0.001	0.11	<0.01	0.06	<0.5	5.09	1.3
A-15-121	457.20	458.00	0.80	2694721	50	0.57	0.059	1.4	6.7	0.14	163	0.004	0.4	<0.01	0.2	<0.5	1.7	2.1
A-15-121	458.00	458.60	0.60	2694722	62	1.56	0.052	1.2	7.4	0.13	149	0.004	0.3	<0.01	0.16	<0.5	2.3	2
A-15-121			0.00	2694723	24	2.92	0.046	2.9	26.1	0.62	87	0.059	0.84	0.03	0.19	3.9	0.32	1.3
A-15-121	458.60	459.55	0.95	2694724	36	1.14	0.033	0.8	6.8	0.13	96	0.003	0.15	<0.01	0.07	<0.5	5.83	1.7
A-15-121	459.55	460.25	0.70	2694725	30	1.98	0.028	0.8	5.7	0.3	78	0.002	0.12	<0.01	0.06	<0.5	6.03	1.8
A-15-121	460.25	461.03	0.78	2694726	47	0.96	0.044	0.9	6.7	0.14	134	0.004	0.38	<0.01	0.19	<0.5	2.93	1.4
A-15-121	461.03	461.65	0.62	2694727	35	1.08	0.056	1.2	5.6	0.07	3961	0.003	0.17	<0.01	0.08	<0.5	0.08	0.7
A-15-121	461.65	462.35	0.70	2694728	159	0.66	0.218	1.5	20.5	0.12	455	0.008	0.57	<0.01	0.31	<0.5	0.41	2.6

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**	**%**	**%**
A-15-121	433.80	434.30	0.50	2694587	130.9	15.08	<5	13	3.215	2.36		
A-15-121	434.30	435.15	0.85	2694588	179.8	20.23	<5	14	3.367	4.29		
A-15-121	435.15	435.86	0.71	2694589	159.4	18.98	<5	12	3.335	3.69		
A-15-121	435.86	436.85	0.99	2694590	152.5	15.37	<5	13	3.144	4.87		
A-15-121	436.85	437.40	0.55	2694591	5.9	1.35	<5	7	2.667	2.35		
A-15-121	437.40	438.00	0.60	2694592	73	8.89	<5	14	2.884	3.13		
A-15-121			0.00	2694593	73.4	9.05	<5	12	2.88			
A-15-121	438.00	438.70	0.70	2694594	145	15.8	<5	14	3.094	2.96		
A-15-121	438.70	439.15	0.45	2694595	160.7	16.01	<5	15	3.164	2.29		
A-15-121	439.15	439.90	0.75	2694596	220.8	20.99	<5	18	3.341	3.8		
A-15-121	439.90	440.54	0.64	2694597	72.6	7.12	<5	12	2.869	2.99		
A-15-121	440.54	441.05	0.51	2694598	98.6	10.2	<5	15	2.909	2.2		
A-15-121	441.05	442.00	0.95	2694599	184.8	16.54	<5	21	3.119	5.11		
A-15-121	442.00	443.00	1.00	2694600	7.8	2.07	<5	7	2.648	3.2		
A-15-121	443.00	444.00	1.00	2694701	6.4	1.7	<5	6	2.674	4.26		
A-15-121	444.00	445.00	1.00	2694702	7.9	1.85	<5	7	2.641	4.42		
A-15-121			0.00	2694703	<0.5	<0.05	5	<2	I.S.	0.02		
A-15-121	445.00	445.90	0.90	2694704	127	13.42	<5	15	3.031	3.93		
A-15-121	445.90	446.70	0.80	2694705	184.7	15.86	<5	19	3.261	4.15		
A-15-121	446.70	447.60	0.90	2694706	162.4	14.04	<5	13	3.259	4.78		
A-15-121	447.60	448.30	0.70	2694707	235.8	18.4	6	25	3.238	3.64		
A-15-121	448.30	449.05	0.75	2694708	13.6	1.45	<5	8	2.652	3.21		
A-15-121	449.05	449.90	0.85	2694709	246.6	19.28	6	23	3.363	4.26		
A-15-121	449.90	450.90	1.00	2694710	211.6	16.14	5	20	3.234	4.67		
A-15-121	450.90	451.55	0.65	2694711	137	10.09	<5	20	2.81	3.89		
A-15-121	451.55	452.00	0.45	2694712	188.9	13.64	<5	30	3.11	1.52		
A-15-121			0.00	2694713	190.7	13.57	<5	32	3.102			
A-15-121	452.00	452.50	0.50	2694714	210.4	15.01	<5	24	3.383	2.94		
A-15-121	452.50	453.05	0.55	2694715	200.6	13.86	<5	27	3.19	2.75		
A-15-121	453.05	453.50	0.45	2694716	264.3	17.21	5	33	3.333	2.52		
A-15-121	453.50	454.25	0.75	2694717	197.4	13.98	<5	23	3.215	3.79		
A-15-121	454.25	455.25	1.00	2694718	310.7	19.62	5	23	3.509	4.59		
A-15-121	455.25	456.25	1.00	2694719	337.6	20.81	<5	13	3.57	5.67		
A-15-121	456.25	457.20	0.95	2694720	287.1	20.98	<5	11	3.758	5.53		
A-15-121	457.20	458.00	0.80	2694721	151.4	10.47	<5	14	2.976	3.74		
A-15-121	458.00	458.60	0.60	2694722	196.2	12.34	<5	17	3.022	2.77		
A-15-121			0.00	2694723	<0.5	2.87	<5	3	I.S.	0.02		
A-15-121	458.60	459.55	0.95	2694724	301	20.51	5	16	3.589	5.31	4.93	18.59
A-15-121	459.55	460.25	0.70	2694725	319.7	20.82	7	12	3.635	2.94	4.56	20.4
A-15-121	460.25	461.03	0.78	2694726	250.1	15.35	<5	15	3.156	2.7		
A-15-121	461.03	461.65	0.62	2694727	8.2	0.71	<5	3	2.721	1.59		
A-15-121	461.65	462.35	0.70	2694728	57.1	5.36	<5	18	2.665	2.85		

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**
A-15-121	462.35	463.30	0.95	2694729	py to sph at 1:1	66.00	34.00		VAN15001763	23.2	59.7	20663.1
A-15-121	463.30	464.14	0.84	2694730	py to sph at 1:1	60.00	40.00		VAN15001763	23.2	49.2	16381.8
A-15-121	464.14	464.73	0.59	2694731	abundant grey sph bands	60.00	40.00		VAN15001763	21.2	44.7	15562.5
A-15-121	464.73	465.70	0.97	2694732	abundant grey sph bands	95.00	5.00		VAN15001763	20.2	49.9	17898.2
A-15-121			0.00	2694733				PULP DUPLICATE	VAN15001763	19.1	50.5	17582.5
A-15-121	465.70	466.34	0.64	2694734	abundant grey sph bands	50.00	50.00		VAN15001763	18.6	59.9	37158.7
A-15-121	466.34	467.19	0.85	2694735	abundant grey sph bands	65.00	35.00		VAN15001763	29.9	48.7	12841.4
A-15-121	467.19	468.00	0.81	2694736	mottled texture + grey sph dominate	90.00	10.00		VAN15001763	23.4	55.1	31297.5
A-15-121	468.00	468.85	0.85	2694737	mottled texture + grey sph dominate	75.00	25.00		VAN15001763	22.6	59.3	33684.1
A-15-121	468.85	469.39	0.54	2694738	mottled texture + grey sph dominate	98.00	2.00		VAN15001763	21.4	46.6	22055.6
A-15-121	469.39	470.00	0.61	2694739	mottled texture + grey sph dominate	90.00	10.00		VAN15001763	22.2	54.8	35027.2
A-15-121	470.00	471.00	1.00	2694740	mottled texture + grey sph dominate	100.00	0.00		VAN15001763	23.7	60	30166.6
A-15-121	471.00	472.00	1.00	2694741	mottled texture + grey sph dominate	85.00	15.00		VAN15001763	9.7	38.1	>40000.0
A-15-121	472.00	473.00	1.00	2694742	mottled texture + grey sph dominate	96.00	4.00		VAN15001763	13.7	57	>40000.0
A-15-121			0.00	2694743				BLANK BL125	VAN15001763	5.7	99.8	9.7
A-15-121	473.00	473.54	0.54	2694744	mottled texture + grey sph dominate	80.00	20.00		VAN15001763	12.8	48.9	33342.1
A-15-121	473.54	474.20	0.66	2694745	mottled texture + grey sph dominate	90.00	10.00		VAN15001763	19	56.4	>40000.0
A-15-121	474.20	474.60	0.40	2694746	mottled texture + grey sph dominate	80.00	20.00		VAN15001763	12.8	63.1	>40000.0
A-15-121	474.60	474.90	0.30	2694747	shale interbed	1.00	99.00		VAN15001763	22.8	20.8	7398.8
A-15-121	474.90	475.57	0.67	2694748	mottled texture + grey sph dominate	88.00	12.00		VAN15001763	18.3	71	>40000.0
A-15-121	475.57	475.94	0.37	2694749	mottled texture + grey sph dominate	50.00	50.00		VAN15001763	23.2	50.3	13431.7
A-15-121	475.94	476.92	0.98	2694750	mottled texture + grey sph dominate	95.00	5.00		VAN15001763	16.3	53.5	>40000.0
A-15-121	476.92	477.30	0.38	2694751	mottled texture + grey sph dominate	90.00	10.00		VAN15001763	21.9	76.5	29527.1
A-15-121	477.30	477.77	0.47	2694752	mottled texture + grey sph dominate	20.00	80.00		VAN15001763	13.9	38.6	6151.6
A-15-121			0.00	2694753				COARSE DUPLICATE	VAN15001763	14.2	36.1	6400.1
A-15-121	477.77	478.54	0.77	2694754	mottled texture + grey sph dominate	100.00	0.00		VAN15001763	7.6	47.9	>40000.0
A-15-121	478.54	479.13	0.59	2694755	mottled texture + grey sph dominate	78.00	22.00		VAN15001763	11.8	37.3	31372.5
A-15-121	479.13	480.06	0.93	2694756	bedded barite with mottled sulphide	66.00	34.00		VAN15001763	6.1	39.6	35983.2
A-15-121	480.06	481.00	0.94	2694757	bedded barite with mottled sulphide	60.00	40.00		VAN15001763	6.3	47.8	>40000.0
A-15-121	481.00	481.58	0.58	2694758	pyrite	25.00	75.00		VAN15001763	28.2	51.9	2079.1
A-15-121	481.58	482.07	0.49	2694759	bedded barite with mottled sulphide	65.00	35.00		VAN15001763	9.8	63.5	>40000.0
A-15-121	482.07	482.40	0.33	2694760	bedded barite with mottled sulphide	25.00	75.00		VAN15001763	4.6	51	>40000.0
A-15-121	482.40	483.32	0.92	2694761	abundant bedded barite with mottled sulphide	30.00	70.00		VAN15001763	2.4	52.7	>40000.0
A-15-121	483.32	484.20	0.88	2694762	pyrite laminations	5.00	95.00		VAN15001763	15.7	23.6	658.2
A-15-121			0.00	2694763				STANDARD PB145	VAN15001763	7.9	1902.7	13101.3
A-15-121	484.20	485.00	0.80	2694764		0.01	99.00		VAN15001763	20.2	23.3	403.4
A-15-121	485.00	486.00	1.00	2694765		0.01	99.00		VAN15001763	17.8	29.5	160.1
A-15-121	486.00	487.00	1.00	2694766	pyrobitumen?	0.01	99.00		VAN15001763	15.7	24.8	101.3
A-15-121	487.00	487.95	0.95	2694767	pyrobitumen?	0.01	99.00		VAN15001763	10.3	15.6	106.8
A-15-121	487.95	488.40	0.45	2694768	pyrobitumen?	0.01	99.00		VAN15001763	15.8	12.9	149.4
A-15-121	488.40	489.40	1.00	2694769	pyrobitumen?	0.01	99.00		VAN15001763	12	17.3	128.8
A-15-121	489.40	490.20	0.80	2694770	pyrobitumen?	0.01	99.00		VAN15001763	6.3	14.1	80.5

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-121	462.35	463.30	0.95	2694729	81440	29.9	21825	62	3.3	579	14.59	70	3.8	1.2	621	528.5	20.4	<0.5
A-15-121	463.30	464.14	0.84	2694730	62571	29.4	22254	70.2	4.2	491	14.43	69	3.7	1.1	259	400.3	16.9	<0.5
A-15-121	464.14	464.73	0.59	2694731	61054	24.5	34036	65.4	4.1	477	11.82	55	3.6	1.1	398	428.3	13.5	<0.5
A-15-121	464.73	465.70	0.97	2694732	92609	21.2	28764	66.7	4	575	10.26	47	3.4	1.2	340	632.6	13.4	<0.5
A-15-121			0.00	2694733	91708	21	28722	61.1	4.1	566	10.13	45	3.3	1.2	329	612.4	13	<0.5
A-15-121	465.70	466.34	0.64	2694734	166472	31.1	58324	44.4	1.7	947	13.91	54	2.9	<0.5	408	1065.1	18.4	<0.5
A-15-121	466.34	467.19	0.85	2694735	60297	16.8	27339	87.6	7	724	8.77	44	4.6	6.5	366	376	9.4	<0.5
A-15-121	467.19	468.00	0.81	2694736	111940	30.8	30864	54.6	2.6	711	14.82	55	4.5	0.5	378	768.6	17.3	<0.5
A-15-121	468.00	468.85	0.85	2694737	155184	34.4	46011	45.5	2.5	850	14.43	54	4	<0.5	411	1143.2	16.7	<0.5
A-15-121	468.85	469.39	0.54	2694738	81640	25.3	36492	62.1	4.4	630	11.84	50	3.4	1	619	529.4	10.2	<0.5
A-15-121	469.39	470.00	0.61	2694739	152876	36.6	30378	53	2.8	808	15.65	61	3.3	<0.5	432	1040.3	15.7	<0.5
A-15-121	470.00	471.00	1.00	2694740	101790	38	13949	64.3	3.2	571	17.96	83	3	0.9	353	680.7	15	<0.5
A-15-121	471.00	472.00	1.00	2694741	>200000	23.7	114659	19.6	0.9	494	9.64	32	1.8	<0.5	621	1831.5	9.6	<0.5
A-15-121	472.00	473.00	1.00	2694742	194128	26.2	101262	37.2	2.2	551	9.88	32	2.2	<0.5	889	1169.2	9.4	<0.5
A-15-121			0.00	2694743	59	<0.5	626	15.4	9.9	569	3.51	<5	0.8	2.6	102	<0.5	<0.5	<0.5
A-15-121	473.00	473.54	0.54	2694744	187342	27.5	98116	33.9	2	562	9.22	28	2	<0.5	924	1039.5	7.3	<0.5
A-15-121	473.54	474.20	0.66	2694745	161464	35.6	76069	50.5	2.5	595	10.08	36	3.5	0.6	584	1010.8	11.4	<0.5
A-15-121	474.20	474.60	0.40	2694746	>200000	38	70027	40.3	2.2	745	10.02	34	2.5	<0.5	588	1324.6	14.1	<0.5
A-15-121	474.60	474.90	0.30	2694747	18103	5.5	15814	89.5	7.9	140	2.37	12	5.9	5.1	295	113.8	3	<0.5
A-15-121	474.90	475.57	0.67	2694748	175032	51.5	41696	44.6	1.9	928	13.91	58	2.4	<0.5	430	1185.2	22.1	<0.5
A-15-121	475.57	475.94	0.37	2694749	35926	25.1	25238	75.9	5.5	442	9.29	51	3.4	2.6	404	227.9	7.5	<0.5
A-15-121	475.94	476.92	0.98	2694750	>200000	40.2	78330	32.7	1.3	631	10.81	40	2.9	<0.5	524	1334.5	12.1	<0.5
A-15-121	476.92	477.30	0.38	2694751	164947	43.2	42280	58	3	425	14.26	59	3.8	0.8	462	1009.5	11.6	<0.5
A-15-121	477.30	477.77	0.47	2694752	84045	15.5	29791	63.7	5.9	192	5.3	25	3.3	2.7	766	480.2	3.6	<0.5
A-15-121			0.00	2694753	84633	14.5	29912	59.6	5.9	199	5.33	24	2.9	2.6	720	447.3	3.5	<0.5
A-15-121	477.77	478.54	0.77	2694754	>200000	39	123616	21.1	0.6	491	9.85	23	1.6	<0.5	499	1560.7	9.9	<0.5
A-15-121	478.54	479.13	0.59	2694755	162383	33.8	121327	38.8	2.1	316	9.82	24	2	0.5	881	917.9	7.2	<0.5
A-15-121	479.13	480.06	0.93	2694756	190505	32.7	172103	20.3	0.7	563	9.15	20	1.4	<0.5	1114	1228.8	4.6	<0.5
A-15-121	480.06	481.00	0.94	2694757	188245	40.6	188202	20.9	0.9	308	8.3	24	0.9	<0.5	500	1339.2	9.7	<0.5
A-15-121	481.00	481.58	0.58	2694758	1103	21.5	24566	103.2	6.2	127	7.3	69	2.8	3.2	282	7.5	8.3	<0.5
A-15-121	481.58	482.07	0.49	2694759	>200000	48.3	108573	32.9	2.2	216	8.23	34	2.2	<0.5	641	1563.2	21.3	0.7
A-15-121	482.07	482.40	0.33	2694760	86377	23.6	251948	22.5	2	79	5.02	20	0.9	<0.5	1388	726	7	<0.5
A-15-121	482.40	483.32	0.92	2694761	67869	24.8	381980	9.5	<0.5	155	3.79	12	<0.5	<0.5	2334	588.9	11.1	<0.5
A-15-121	483.32	484.20	0.88	2694762	3508	3	14379	71.1	6.3	267	1.96	13	3.5	4.7	250	29.6	6.4	<0.5
A-15-121			0.00	2694763	15762	60.8	651	15.8	18.4	1460	4.08	58	0.9	2.6	87	117.6	164	4.5
A-15-121	484.20	485.00	0.80	2694764	3964	2.6	11784	90.6	8.5	184	1.83	11	4	6.7	199	31.1	5.9	<0.5
A-15-121	485.00	486.00	1.00	2694765	1773	2.2	8621	84.5	7.6	277	2.08	11	3.7	6.3	240	15.6	5.5	<0.5
A-15-121	486.00	487.00	1.00	2694766	85	2.7	25074	180.1	8.1	289	1.68	11	3.1	5.2	682	0.5	4.7	<0.5
A-15-121	487.00	487.95	0.95	2694767	87	1.7	18382	222.4	6.5	303	1.3	6	2.2	3.4	700	0.5	2.9	<0.5
A-15-121	487.95	488.40	0.45	2694768	274	1.8	9144	146.1	7.9	409	1.78	8	3.1	5.7	694	1.7	2.8	<0.5
A-15-121	488.40	489.40	1.00	2694769	133	2	35714	151.3	6.1	363	1.62	9	2.3	4.1	1157	0.7	3.5	<0.5
A-15-121	489.40	490.20	0.80	2694770	136	0.8	86216	210.7	4.5	412	0.83	<5	1.7	1.5	1379	0.8	1.8	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**%**	**PPM**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**
A-15-121	462.35	463.30	0.95	2694729	48	1.04	0.042	1	7	0.1	100	0.004	0.29	<0.01	0.16	<0.5	3.05	1.4
A-15-121	463.30	464.14	0.84	2694730	51	0.69	0.042	1	8.3	0.13	98	0.005	0.36	<0.01	0.19	0.5	2.41	1.6
A-15-121	464.14	464.73	0.59	2694731	46	1.02	0.053	1.2	8.3	0.17	131	0.004	0.35	<0.01	0.19	<0.5	2.39	2.3
A-15-121	464.73	465.70	0.97	2694732	50	0.91	0.053	1	8.8	0.14	134	0.005	0.33	<0.01	0.17	<0.5	3.58	2.1
A-15-121			0.00	2694733	50	0.9	0.049	1	7.7	0.13	135	0.004	0.32	<0.01	0.18	<0.5	3.48	1.4
A-15-121	465.70	466.34	0.64	2694734	33	1.71	0.026	0.8	6.7	0.2	70	0.001	0.12	<0.01	0.06	<0.5	6.17	1.2
A-15-121	466.34	467.19	0.85	2694735	73	1.5	0.115	5	11.5	0.24	149	0.006	0.43	<0.01	0.22	0.5	2.13	2.2
A-15-121	467.19	468.00	0.81	2694736	46	0.88	0.034	0.6	6.9	0.12	77	0.004	0.25	<0.01	0.14	<0.5	4.32	1.5
A-15-121	468.00	468.85	0.85	2694737	35	1.13	0.031	0.7	6.4	0.15	63	0.003	0.17	<0.01	0.1	<0.5	6.3	1.6
A-15-121	468.85	469.39	0.54	2694738	51	1.31	0.05	1.1	9.4	0.16	107	0.005	0.37	<0.01	0.2	<0.5	3.14	1.5
A-15-121	469.39	470.00	0.61	2694739	34	1.04	0.033	0.6	7	0.1	66	0.003	0.18	<0.01	0.09	<0.5	5.5	1.4
A-15-121	470.00	471.00	1.00	2694740	41	0.76	0.038	0.8	7.1	0.09	69	0.004	0.25	<0.01	0.14	<0.5	3.26	1.2
A-15-121	471.00	472.00	1.00	2694741	15	1.06	0.021	0.8	3.6	0.11	63	0.001	0.05	<0.01	0.02	<0.5	8.36	<0.5
A-15-121	472.00	473.00	1.00	2694742	30	1.23	0.032	0.9	5.9	0.21	75	0.002	0.18	<0.01	0.08	<0.5	7.05	0.9
A-15-121			0.00	2694743	95	1.13	0.053	7.2	19	0.8	140	0.173	1.93	0.23	0.22	0.5	<0.05	3.8
A-15-121	473.00	473.54	0.54	2694744	32	1.44	0.028	0.7	5.3	0.15	73	0.003	0.18	<0.01	0.09	<0.5	7	1.1
A-15-121	473.54	474.20	0.66	2694745	37	0.77	0.039	0.7	7	0.14	76	0.004	0.2	<0.01	0.11	<0.5	7.3	1.5
A-15-121	474.20	474.60	0.40	2694746	31	1.23	0.03	0.7	6.3	0.14	76	0.003	0.15	<0.01	0.09	<0.5	9.35	1.4
A-15-121	474.60	474.90	0.30	2694747	83	0.5	0.094	2.1	9.9	0.11	576	0.006	0.53	<0.01	0.3	<0.5	0.73	2.2
A-15-121	474.90	475.57	0.67	2694748	26	1.33	0.028	0.6	6.1	0.14	72	0.003	0.14	<0.01	0.07	0.5	6.22	0.9
A-15-121	475.57	475.94	0.37	2694749	55	0.88	0.063	1.8	8.3	0.19	133	0.005	0.39	<0.01	0.22	<0.5	1.23	2.3
A-15-121	475.94	476.92	0.98	2694750	28	1.19	0.033	0.7	4.3	0.17	59	0.002	0.11	<0.01	0.06	<0.5	8.55	0.8
A-15-121	476.92	477.30	0.38	2694751	39	0.72	0.048	0.9	6.6	0.09	62	0.004	0.22	<0.01	0.11	0.5	5	0.8
A-15-121	477.30	477.77	0.47	2694752	53	0.66	0.059	2.8	9.3	0.12	174	0.005	0.45	<0.01	0.25	<0.5	2.46	1.9
A-15-121			0.00	2694753	47	0.66	0.055	2.5	7.4	0.12	168	0.004	0.38	<0.01	0.22	<0.5	2.5	1.3
A-15-121	477.77	478.54	0.77	2694754	14	1.25	0.025	0.7	3.4	0.07	58	0.002	0.04	<0.01	0.02	<0.5	8.13	1
A-15-121	478.54	479.13	0.59	2694755	24	0.58	0.026	1.1	5.7	0.05	79	0.003	0.16	<0.01	0.09	<0.5	4.99	1
A-15-121	479.13	480.06	0.93	2694756	17	2.02	0.02	1.6	3.1	0.06	77	0.001	0.06	<0.01	0.03	<0.5	6.7	<0.5
A-15-121	480.06	481.00	0.94	2694757	14	1.18	0.015	0.9	3.3	0.07	71	0.001	0.07	<0.01	0.03	<0.5	7.41	0.7
A-15-121	481.00	481.58	0.58	2694758	85	0.35	0.06	3.8	10.2	0.13	210	0.005	0.46	<0.01	0.23	<0.5	0.16	3.8
A-15-121	481.58	482.07	0.49	2694759	21	0.69	0.024	1.2	3.8	0.09	73	0.001	0.13	<0.01	0.08	<0.5	9.17	1.1
A-15-121	482.07	482.40	0.33	2694760	25	0.24	0.013	1.4	3.8	0.05	131	0.001	0.15	<0.01	0.08	<0.5	4.78	0.9
A-15-121	482.40	483.32	0.92	2694761	<10	0.48	0.004	0.9	0.8	0.05	175	<0.001	0.02	<0.01	0.01	<0.5	4.53	<0.5
A-15-121	483.32	484.20	0.88	2694762	75	1.14	0.061	8.1	8.5	0.35	1044	0.006	0.49	<0.01	0.29	<0.5	0.2	2.9
A-15-121			0.00	2694763	74	2.01	0.056	7.2	23.8	1.29	237	0.137	1.65	0.19	0.2	1.3	0.5	3
A-15-121	484.20	485.00	0.80	2694764	72	0.95	0.075	9.6	8.2	0.31	969	0.005	0.54	<0.01	0.31	<0.5	0.24	4
A-15-121	485.00	486.00	1.00	2694765	78	1.57	0.079	10.2	8.8	0.38	1303	0.005	0.57	<0.01	0.32	<0.5	0.11	4
A-15-121	486.00	487.00	1.00	2694766	191	2.76	0.071	6.1	6.2	0.37	1902	0.003	0.36	<0.01	0.2	<0.5	0.12	2.2
A-15-121	487.00	487.95	0.95	2694767	266	2.89	0.05	4.6	4.6	0.28	2051	0.003	0.27	<0.01	0.16	<0.5	<0.05	2.4
A-15-121	487.95	488.40	0.45	2694768	107	2.69	0.074	8.8	5.3	0.46	1549	0.004	0.38	<0.01	0.21	<0.5	0.09	3.7
A-15-121	488.40	489.40	1.00	2694769	185	3.22	0.049	9.3	5.6	0.39	2103	0.003	0.35	<0.01	0.2	<0.5	<0.05	3.2
A-15-121	489.40	490.20	0.80	2694770	301	5.96	0.013	4.3	3.1	0.38	34585	0.002	0.17	<0.01	0.09	<0.5	0.06	1.8

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	PPM	PPM	NONE	KG	%	%
A-15-121	462.35	463.30	0.95	2694729	369.2	21.87	<5	20	3.336	3.44		
A-15-121	463.30	464.14	0.84	2694730	342	20.66	<5	14	3.253	4.8		
A-15-121	464.14	464.73	0.59	2694731	296.2	17.21	<5	13	3.162	4.36		
A-15-121	464.73	465.70	0.97	2694732	285.5	16.68	<5	10	3.174	2.94		
A-15-121			0.00	2694733	283.4	16.83	<5	11	3.157			
A-15-121	465.70	466.34	0.64	2694734	397.9	24.6	6	13	3.751	5.14		
A-15-121	466.34	467.19	0.85	2694735	221	13.55	<5	11	3	3.25		
A-15-121	467.19	468.00	0.81	2694736	360.3	23.65	<5	14	3.522	3.58		
A-15-121	468.00	468.85	0.85	2694737	403.7	25.2	<5	11	3.58	4.17		
A-15-121	468.85	469.39	0.54	2694738	309.9	18.21	<5	11	3.178	4.14		
A-15-121	469.39	470.00	0.61	2694739	430.4	26.63	5	15	3.585	2.96		
A-15-121	470.00	471.00	1.00	2694740	457.9	27.64	<5	15	3.51	3.58		
A-15-121	471.00	472.00	1.00	2694741	323.7	25.54	6	6	3.998	5.9	4.49	25.96
A-15-121	472.00	473.00	1.00	2694742	309.7	22.12	<5	8	3.736	5.31	5.24	19.77
A-15-121			0.00	2694743	<0.5	<0.05	6	<2	I.S.	0.03		
A-15-121	473.00	473.54	0.54	2694744	316.4	20.51	<5	9	3.669	6.18		
A-15-121	473.54	474.20	0.66	2694745	342.7	20.76	<5	12	3.61	2.74	4.58	16.55
A-15-121	474.20	474.60	0.40	2694746	403.4	22.46	6	11	3.642	5.81	4.75	21.49
A-15-121	474.60	474.90	0.30	2694747	47.5	3.64	<5	5	2.704	1.8		
A-15-121	474.90	475.57	0.67	2694748	480.7	25.82	<5	15	3.765	3.21	5.97	17.76
A-15-121	475.57	475.94	0.37	2694749	232.7	13.05	<5	10	3.02	1.37		
A-15-121	475.94	476.92	0.98	2694750	431.5	26.12	<5	11	3.943	6.26	5.86	25.92
A-15-121	476.92	477.30	0.38	2694751	496.3	25.76	<5	13	3.608	2.01		
A-15-121	477.30	477.77	0.47	2694752	178.2	10.57	<5	7	2.967	1.73		
A-15-121			0.00	2694753	179.9	10.62	<5	5	2.973			
A-15-121	477.77	478.54	0.77	2694754	381.3	26.58	<5	6	4.135	4.77	5.74	26.47
A-15-121	478.54	479.13	0.59	2694755	295.1	20.39	<5	9	3.663	2.93		
A-15-121	479.13	480.06	0.93	2694756	274.5	20.91	<5	6	4.018	5.69		
A-15-121	480.06	481.00	0.94	2694757	248.6	20.16	<5	10	4.071	5.57	5.63	19.21
A-15-121	481.00	481.58	0.58	2694758	142	8.82	<5	13	2.841	2.41		
A-15-121	481.58	482.07	0.49	2694759	269	21.17	<5	14	1.887	2.82	6.34	20.89
A-15-121	482.07	482.40	0.33	2694760	109.7	11.17	<5	5	3.798	1.86	4.29	8.75
A-15-121	482.40	483.32	0.92	2694761	73.5	8.3	<5	2	4.366	5.48	4.6	7.37
A-15-121	483.32	484.20	0.88	2694762	16.2	2.18	<5	8	2.672	3.37		
A-15-121			0.00	2694763	1.6	1.77	<5	2	I.S.	0.02		
A-15-121	484.20	485.00	0.80	2694764	13	2.22	<5	6	2.585	3.75		
A-15-121	485.00	486.00	1.00	2694765	12.5	2.32	<5	10	2.619	3.75		
A-15-121	486.00	487.00	1.00	2694766	10.1	1.43	<5	6	2.35	3.71		
A-15-121	487.00	487.95	0.95	2694767	6.5	1.03	<5	6	2.18	3.49		
A-15-121	487.95	488.40	0.45	2694768	8.8	1.89	<5	5	2.393	1.73		
A-15-121	488.40	489.40	1.00	2694769	8.6	1.13	<5	7	2.395	4.4		
A-15-121	489.40	490.20	0.80	2694770	4.2	0.22	<5	3	2.194	1.56		

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM
A-15-121	490.20	490.70	0.50	2694771	pyrobitumen?	0.01	99.00		VAN15001763	5.7	8.5	84.3
A-15-121	490.70	491.50	0.80	2694772	pyrobitumen?	0.01	99		VAN15001763	8	13.3	122.8
A-15-121			0.00	2694773				PULP DUPLICATE	VAN15001763	9	14.9	127.8
A-15-121	491.50	492.46	0.96	2694774	pyrobitumen?	0.01	99.00		VAN15001763	1.9	2.4	143.5
A-15-121	492.46	493.08	0.62	2694775	py	50.00	50.00		VAN15001763	23.1	47.6	541.8
A-15-121	493.08	493.75	0.67	2694776	grey sph	50.00	50.00		VAN15001763	23.2	96.4	10213.1
A-15-121	493.75	494.40	0.65	2694777	py	25.00	75.00		VAN15001763	18.5	47.9	815.3
A-15-121	494.40	495.30	0.90	2694778	grey sph	80.00	20.00		VAN15001763	14.3	62.9	23675.5
A-15-121	495.30	496.28	0.98	2694779	py	25.00	75.00		VAN15001763	22	50.7	1679
A-15-121	496.28	496.82	0.54	2694780		50.00	50.00		VAN15001763	8.2	59.4	32375.5
A-15-121	496.82	497.45	0.63	2694781	grey sph with bedded barite	88.00	12.00		VAN15001763	11.5	51.5	28953.4
A-15-121	497.45	498.20	0.75	2694782		2.00	98.00		VAN15001763	16.3	15.6	351.6
A-15-121			0.00	2694783				BLANK BL125	VAN15001763	5	93.5	6
A-15-121	498.20	499.15	0.95	2694784	low angle grey sph	75.00	25.00		VAN15001763	19.9	52.9	9193.3
A-15-121	499.15	499.87	0.72	2694785	grey sph	68.00	32.00		VAN15001763	11.9	31	21457.9
A-15-121	499.87	500.65	0.78	2694786	low angle grey sph w/ barite	98.00	2.00		VAN15001763	12.3	81	39252.6
A-15-121	500.65	501.65	1.00	2694787	low angle grey sph w/ barite	96.00	4.00		VAN15001763	4.4	24.7	28120.4
A-15-121	501.65	502.30	0.65	2694788	low angle grey sph	90.00	10.00		VAN15001763	6.8	52.7	30648.1
A-15-121	502.30	503.15	0.85	2694789		2.00	98.00		VAN15001763	14.5	18.3	579.7
A-15-121	503.15	503.80	0.65	2694790	grey sph	66.00	34.00		VAN15001763	21.7	83.8	14664.6
A-15-121	503.80	504.25	0.45	2694791	grey sph	98.00	2.00		VAN15001763	5.4	56.4	32689.8
A-15-121	504.25	505.00	0.75	2694792		33.00	67.00		VAN15001763	21.1	59.8	4056.7
A-15-121			0.00	2694793				COARSE DUPLICATE	VAN15001763	20.9	62.3	4081.3
A-15-121	505.00	506.00	1.00	2694794		0.01	99.00		VAN15001763	11.6	11.9	272
A-15-121	506.00	506.50	0.50	2694795	grey sph + py	50.00	50.00		VAN15001763	24.2	77	1094.2
A-15-121	506.50	507.49	0.99	2694796	grey sph	100.00	0.00		VAN15001763	7.7	91.9	3705.1
A-15-121	507.49	508.48	0.99	2694797	grey sph + bedded barite	50.00	50.00		VAN15001763	2.5	68.3	1373.4
A-15-121	508.48	509.15	0.67	2694798		0.01	99.00		VAN15001763	14.6	21.3	1333.3
A-15-121	509.15	510.10	0.95	2694799		0.01	99.00		VAN15001763	16.2	21	155.9
A-15-121	510.10	511.05	0.95	2694800		0.01	99.00		VAN15001763	11.7	46.9	108.4
A-15-121	511.05	512.05	1.00	2694801		0.01	99.00		VAN15001763	12.9	52.7	113.7
A-15-121	512.05	512.50	0.45	2694802		0.01	99.00		VAN15001763	13.4	32.6	93.9
A-15-121			0.00	2694803				STANDARD PB 136	VAN15001763	10.6	5389.8	22777.2
A-15-121	512.50	513.23	0.73	2694804		0.01	99.00		VAN15001763	8.5	116.2	273.3
A-15-121	513.23	514.00	0.77	2694805		0.01	99.00		VAN15001763	17	22.9	66.1
A-15-121	514.00	515.00	1.00	2694806		0.01	99.00		VAN15001763	18.1	23.5	64.2
A-15-121	515.00	516.00	1.00	2694807		0.01	99.00		VAN15001763	17.7	25.7	73.7
A-15-121	516.00	517.00	1.00	2694808		0.01	99.00		VAN15001763	17.2	24.8	74.8
A-15-121	517.00	518.00	1.00	2694809		0.01	99.00		VAN15001763	18.9	23.3	114.1
A-15-121	518.00	519.00	1.00	2694810		23.00	77.00		VAN15001763	11.6	231.7	37541.4
A-15-121	519.00	519.56	0.56	2694811	minor grey sph	30.00	70.00		VAN15001763	17.8	131.6	825.2
A-15-121	519.56	520.35	0.79	2694812		30.00	70.00		VAN15001763	22.8	127.6	1035.4
A-15-121			0.00	2694813				PULP DUPLICATE	VAN15001763	25.3	126.8	1011.1

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-121	490.20	490.70	0.50	2694771	113	0.8	69933	287.8	5.3	452	0.85	<5	1.7	1.9	1379	0.8	1.6	<0.5
A-15-121	490.70	491.50	0.80	2694772	73	1.2	39067	146.8	5.9	589	1.74	8	2.2	3.5	775	<0.5	3	<0.5
A-15-121			0.00	2694773	75	1.2	39010	158.5	6.2	593	1.72	8	2.3	3.7	832	<0.5	2.9	<0.5
A-15-121	491.50	492.46	0.96	2694774	202	0.5	116403	417.7	4.7	331	0.33	<5	0.7	<0.5	1561	1	0.7	<0.5
A-15-121	492.46	493.08	0.62	2694775	20	8.1	30177	104.5	6.2	498	3.95	29	3.6	3.9	449	<0.5	26.9	<0.5
A-15-121	493.08	493.75	0.67	2694776	81507	30.5	54150	75	4.3	823	8.35	40	3.8	1	659	510.9	57.7	<0.5
A-15-121	493.75	494.40	0.65	2694777	938	9.2	21825	85.6	6.7	361	3.61	26	3.2	4.7	301	5.5	23.9	<0.5
A-15-121	494.40	495.30	0.90	2694778	159997	37.7	62377	47.7	2.9	887	8.46	29	2.4	0.6	602	927.4	59.8	<0.5
A-15-121	495.30	496.28	0.98	2694779	13766	13.7	57937	81.5	5.5	578	4.81	35	3.8	2.8	805	93.6	30.7	<0.5
A-15-121	496.28	496.82	0.54	2694780	>200000	45.5	71288	34.9	2.3	670	7.83	21	2.1	<0.5	341	1187.9	51.8	<0.5
A-15-121	496.82	497.45	0.63	2694781	147035	36.4	188618	30.3	2	509	7.13	22	1.7	<0.5	482	965.8	42.7	<0.5
A-15-121	497.45	498.20	0.75	2694782	221	1.2	33264	80.2	6.4	83	1.58	9	3.6	4.2	221	0.9	4.5	<0.5
A-15-121			0.00	2694783	49	<0.5	595	14	9.4	531	3.36	<5	1	3	87	<0.5	<0.5	<0.5
A-15-121	498.20	499.15	0.95	2694784	60748	22.2	47646	85.6	5.7	416	7.04	27	3.7	2	276	403.4	32.7	<0.5
A-15-121	499.15	499.87	0.72	2694785	70061	17.7	178669	39.4	3.4	266	4	13	2.4	1.8	893	583.3	22.3	<0.5
A-15-121	499.87	500.65	0.78	2694786	>200000	47.9	69857	36.9	2.1	438	9.89	24	2.3	<0.5	167	1564.9	51.7	<0.5
A-15-121	500.65	501.65	1.00	2694787	71274	17.1	258128	17.9	1.1	369	3.57	7	1	<0.5	1684	606	21.8	<0.5
A-15-121	501.65	502.30	0.65	2694788	124631	33	181446	28	1.8	411	7.01	14	2.1	<0.5	617	877.4	35.1	<0.5
A-15-121	502.30	503.15	0.85	2694789	205	2.2	44262	75.5	7.4	112	1.86	10	3.6	5	287	1.4	6.1	<0.5
A-15-121	503.15	503.80	0.65	2694790	145195	37.8	48321	62	4.5	367	9.69	35	2.8	1	223	926.8	46.2	<0.5
A-15-121	503.80	504.25	0.45	2694791	>200000	40.2	127141	18	1.3	834	7.14	12	1.5	<0.5	608	1377	46.7	<0.5
A-15-121	504.25	505.00	0.75	2694792	49641	18.4	43179	68.2	5.4	313	6.18	30	4.6	2.6	377	319.5	28.7	<0.5
A-15-121			0.00	2694793	50034	19.9	44496	70.4	5.3	323	6.21	28	4.8	2.7	413	342.1	29.1	<0.5
A-15-121	505.00	506.00	1.00	2694794	217	1.1	42539	60.4	7	81	1.45	8	3.8	5	294	1.3	3.8	<0.5
A-15-121	506.00	506.50	0.50	2694795	42058	13.9	58411	87.1	6.3	333	5.52	31	6	2.9	1235	319.8	25	<0.5
A-15-121	506.50	507.49	0.99	2694796	156008	23.8	213782	22.4	1.4	721	7.05	20	1.5	<0.5	816	1147	26.6	<0.5
A-15-121	507.49	508.48	0.99	2694797	66263	9.5	302429	23.9	2.1	280	3.53	6	0.5	<0.5	1562	580.5	11.2	<0.5
A-15-121	508.48	509.15	0.67	2694798	1362	2.6	96238	59	4.8	131	1.59	6	2.5	3.2	1206	12.1	5.8	<0.5
A-15-121	509.15	510.10	0.95	2694799	95	1.4	77740	78.5	6.7	139	1.56	9	3.4	5.2	1102	0.8	4.8	<0.5
A-15-121	510.10	511.05	0.95	2694800	32	2.3	102793	60.5	5.5	198	2.01	11	2.8	5.3	2051	<0.5	5.6	<0.5
A-15-121	511.05	512.05	1.00	2694801	23	1.8	197998	62	5.4	176	1.69	10	2.7	5.2	3370	<0.5	5.6	<0.5
A-15-121	512.05	512.50	0.45	2694802	15	1.7	143850	71.1	6.4	186	1.73	8	3	5.5	1964	<0.5	5.9	<0.5
A-15-121			0.00	2694803	25214	83.2	385	12.2	15.8	2289	3.15	37	<0.5	1	79	168.7	244.7	3.6
A-15-121	512.50	513.23	0.73	2694804	35	1	281571	40	2.9	101	1.31	6	1.8	2.7	4794	<0.5	4.7	<0.5
A-15-121	513.23	514.00	0.77	2694805	19	1.4	53727	80	6.5	208	1.56	11	3.4	6.1	837	<0.5	3.6	<0.5
A-15-121	514.00	515.00	1.00	2694806	34	1.1	55401	79.4	6.3	243	1.63	9	4.3	6.1	851	<0.5	4	<0.5
A-15-121	515.00	516.00	1.00	2694807	32	1.6	38535	86.7	7.6	233	1.78	13	4.3	6.4	456	<0.5	4.6	<0.5
A-15-121	516.00	517.00	1.00	2694808	21	1.6	39975	80.9	6.9	239	1.73	13	4.1	6.8	557	<0.5	4.3	<0.5
A-15-121	517.00	518.00	1.00	2694809	13	1.4	36149	88.2	8	206	1.77	12	4	6.6	583	<0.5	4.5	<0.5
A-15-121	518.00	519.00	1.00	2694810	1025	21.7	268028	106.8	7.1	409	5.24	11	1.5	1.7	2569	13.2	43	<0.5
A-15-121	519.00	519.56	0.56	2694811	5949	11.5	154499	70.5	5	323	6.7	26	3.5	2.4	1097	39.8	31.3	<0.5
A-15-121	519.56	520.35	0.79	2694812	912	12.9	101292	73.7	5.4	267	7.7	29	4.7	3.2	602	5.9	31.1	<0.5
A-15-121			0.00	2694813	913	14	100795	81.6	6.2	278	7.63	31	5.1	2.9	598	6.8	31.1	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM
A-15-121	490.20	490.70	0.50	2694771	560	6.26	0.025	4.6	3.4	0.19	24514	0.002	0.19	<0.01	0.1	<0.5	0.08	1.7
A-15-121	490.70	491.50	0.80	2694772	280	4.56	0.046	8	5	0.59	1880	0.003	0.3	<0.01	0.16	<0.5	0.07	2.8
A-15-121			0.00	2694773	278	4.55	0.049	8.1	4.4	0.6	2089	0.003	0.3	<0.01	0.15	<0.5	0.07	2.8
A-15-121	491.50	492.46	0.96	2694774	721	6.88	0.003	1.6	1.4	0.08	66584	<0.001	0.1	<0.01	0.06	<0.5	0.06	0.7
A-15-121	492.46	493.08	0.62	2694775	125	2.57	0.052	9.8	10.1	0.13	788	0.005	0.51	<0.01	0.29	0.5	0.06	1.7
A-15-121	493.08	493.75	0.67	2694776	86	2.37	0.041	3.9	9.1	0.19	248	0.005	0.42	<0.01	0.22	<0.5	3.9	2.2
A-15-121	493.75	494.40	0.65	2694777	75	1.54	0.061	11.1	7.8	0.23	789	0.004	0.45	<0.01	0.26	<0.5	0.13	2.4
A-15-121	494.40	495.30	0.90	2694778	46	2.83	0.034	2.6	4.8	0.2	241	0.003	0.26	<0.01	0.12	<0.5	7.26	2
A-15-121	495.30	496.28	0.98	2694779	67	4.32	0.044	8.7	5.7	0.14	677	0.004	0.35	<0.01	0.2	<0.5	0.78	2
A-15-121	496.28	496.82	0.54	2694780	46	2.43	0.013	2.1	4.6	0.27	451	0.002	0.21	<0.01	0.09	<0.5	7.97	2.3
A-15-121	496.82	497.45	0.63	2694781	30	2.28	0.013	1.5	2.8	0.06	164	0.002	0.13	<0.01	0.07	<0.5	6.14	1.2
A-15-121	497.45	498.20	0.75	2694782	93	0.36	0.059	11.2	9.8	0.22	2388	0.006	0.52	<0.01	0.28	<0.5	0.08	4.1
A-15-121			0.00	2694783	93	1.16	0.053	7.2	17.4	0.77	136	0.174	1.99	0.26	0.22	0.8	<0.05	3.6
A-15-121	498.20	499.15	0.95	2694784	87	1.06	0.046	5.9	7.1	0.23	305	0.004	0.32	<0.01	0.18	<0.5	2.94	3.5
A-15-121	499.15	499.87	0.72	2694785	56	1.61	0.029	5.3	7.3	0.31	271	0.003	0.24	<0.01	0.14	<0.5	3.9	3.9
A-15-121	499.87	500.65	0.78	2694786	51	1.19	0.033	1.8	5.1	0.15	107	0.002	0.13	<0.01	0.06	<0.5	13.71	2
A-15-121	500.65	501.65	1.00	2694787	28	1.52	0.011	2.9	3	0.36	281	0.001	0.09	<0.01	0.05	<0.5	4.02	1.2
A-15-121	501.65	502.30	0.65	2694788	35	1.42	0.028	2.7	4.6	0.18	199	0.002	0.13	<0.01	0.07	<0.5	6.87	2.1
A-15-121	502.30	503.15	0.85	2694789	97	0.59	0.063	17.1	10.9	0.25	2213	0.006	0.51	<0.01	0.29	<0.5	0.06	4.1
A-15-121	503.15	503.80	0.65	2694790	75	0.97	0.033	4.2	7.5	0.23	170	0.003	0.29	<0.01	0.13	<0.5	7.38	3.2
A-15-121	503.80	504.25	0.45	2694791	34	3.25	0.023	2.6	4	0.4	172	0.002	0.12	<0.01	0.06	<0.5	9.66	1.6
A-15-121	504.25	505.00	0.75	2694792	75	0.97	0.05	7.5	8.2	0.28	335	0.005	0.35	<0.01	0.2	<0.5	3.23	4.2
A-15-121			0.00	2694793	86	0.98	0.049	7.7	9.1	0.29	373	0.006	0.4	<0.01	0.21	<0.5	3.21	3.6
A-15-121	505.00	506.00	1.00	2694794	77	0.4	0.06	16.4	10.2	0.25	2796	0.005	0.44	<0.01	0.25	<0.5	<0.05	4.2
A-15-121	506.00	506.50	0.50	2694795	110	1.14	0.063	9.9	9.7	0.23	250	0.005	0.39	<0.01	0.22	0.6	3.03	3.1
A-15-121	506.50	507.49	0.99	2694796	30	3.75	0.017	1.9	3	0.46	278	0.001	0.08	<0.01	0.03	<0.5	11.8	1.2
A-15-121	507.49	508.48	0.99	2694797	19	1.25	0.004	2	1.8	0.23	323	<0.001	0.07	<0.01	0.03	<0.5	6.38	0.8
A-15-121	508.48	509.15	0.67	2694798	66	1.48	0.041	11.9	7.5	0.25	1686	0.004	0.37	<0.01	0.22	<0.5	0.4	4.1
A-15-121	509.15	510.10	0.95	2694799	105	0.89	0.065	20.3	11.7	0.43	4109	0.005	0.52	<0.01	0.27	<0.5	0.24	5.2
A-15-121	510.10	511.05	0.95	2694800	93	1.41	0.063	19.1	10.7	0.53	4965	0.004	0.45	<0.01	0.22	<0.5	0.36	5.9
A-15-121	511.05	512.05	1.00	2694801	113	1.42	0.049	20.2	12.9	0.49	28962	0.004	0.51	<0.01	0.24	<0.5	0.28	6.2
A-15-121	512.05	512.50	0.45	2694802	115	1.3	0.058	20.7	12.7	0.55	12473	0.004	0.58	<0.01	0.23	<0.5	0.25	6.7
A-15-121			0.00	2694803	22	2.93	0.043	3.2	24.4	0.6	67	0.059	0.86	0.05	0.2	4.8	0.39	1.3
A-15-121	512.50	513.23	0.73	2694804	73	1	0.028	10.7	7.5	0.28	25740	0.002	0.31	<0.01	0.16	<0.5	0.2	3.6
A-15-121	513.23	514.00	0.77	2694805	80	1.69	0.067	19.7	9.3	0.42	2916	0.005	0.47	<0.01	0.28	<0.5	0.07	4.4
A-15-121	514.00	515.00	1.00	2694806	80	2.39	0.072	19.8	9.1	0.49	3582	0.005	0.48	<0.01	0.28	<0.5	0.09	4.6
A-15-121	515.00	516.00	1.00	2694807	76	1.67	0.071	17	8.8	0.5	1927	0.005	0.46	<0.01	0.26	<0.5	0.11	4.2
A-15-121	516.00	517.00	1.00	2694808	83	1.85	0.076	18.7	9.2	0.49	2166	0.005	0.5	<0.01	0.29	0.6	0.14	3.8
A-15-121	517.00	518.00	1.00	2694809	78	1.45	0.082	18.1	9.1	0.47	1979	0.005	0.48	<0.01	0.28	<0.5	0.12	3.8
A-15-121	518.00	519.00	1.00	2694810	44	2.97	0.019	9	5.1	0.24	760	0.002	0.19	<0.01	0.11	<0.5	0.95	2.4
A-15-121	519.00	519.56	0.56	2694811	99	2.12	0.044	14.2	9.2	0.26	237	0.003	0.41	<0.01	0.19	<0.5	1.05	4.8
A-15-121	519.56	520.35	0.79	2694812	134	1.12	0.043	14.3	6.2	0.28	208	0.004	0.63	<0.01	0.2	<0.5	0.44	5
A-15-121			0.00	2694813	137	1.11	0.047	14	11.1	0.28	196	0.004	0.64	<0.01	0.2	<0.5	0.45	5.5

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**	**%**	**%**
A-15-121	490.20	490.70	0.50	2694771	3.4	0.19	<5	4	2.034	1.54		
A-15-121	490.70	491.50	0.80	2694772	6.2	1.11	<5	5	2.349	3.18		
A-15-121			0.00	2694773	6.3	1.11	<5	4	2.327			
A-15-121	491.50	492.46	0.96	2694774	1.7	0.19	<5	4	1.997	2.59		
A-15-121	492.46	493.08	0.62	2694775	48.2	4.13	<5	21	2.631	2.92		
A-15-121	493.08	493.75	0.67	2694776	201.2	14.23	5	39	3.058	2.88		
A-15-121	493.75	494.40	0.65	2694777	53.2	4.1	<5	20	2.682	2.66		
A-15-121	494.40	495.30	0.90	2694778	252.9	18.31	7	30	3.309	5.24		
A-15-121	495.30	496.28	0.98	2694779	104.5	5.35	<5	29	2.834	3.92		
A-15-121	496.28	496.82	0.54	2694780	246.3	19.37	8	28	3.485	2.22	3.56	21.86
A-15-121	496.82	497.45	0.63	2694781	190.5	16.54	<5	20	3.739	3.44		
A-15-121	497.45	498.20	0.75	2694782	9.2	1.47	<5	10	2.702	2.96		
A-15-121			0.00	2694783	<0.5	<0.05	5	<2	I.S.	0.02		
A-15-121	498.20	499.15	0.95	2694784	137.7	11.76	<5	24	3.006	5.04		
A-15-121	499.15	499.87	0.72	2694785	96.7	8.02	<5	13	3.306	3		
A-15-121	499.87	500.65	0.78	2694786	292.5	25.62	8	23	3.824	4.19	4.32	26.71
A-15-121	500.65	501.65	1.00	2694787	67.9	7.09	<5	9	3.939	4.99		
A-15-121	501.65	502.30	0.65	2694788	148.7	15.19	5	19	3.664	5.13		
A-15-121	502.30	503.15	0.85	2694789	13.1	1.66	<5	14	2.683	3.05		
A-15-121	503.15	503.80	0.65	2694790	197.4	19.16	6	33	3.243	3.18		
A-15-121	503.80	504.25	0.45	2694791	190.7	18.51	<5	20	3.687	2.91	3.59	22.86
A-15-121	504.25	505.00	0.75	2694792	108.4	10.02	<5	22	2.96	2.93		
A-15-121			0.00	2694793	116.5	10.01	<5	28	2.937			
A-15-121	505.00	506.00	1.00	2694794	7.7	1.2	<5	10	2.678	4.26		
A-15-121	506.00	506.50	0.50	2694795	107.1	8.58	<5	40	2.966	2.8		
A-15-121	506.50	507.49	0.99	2694796	182.4	15.53	10	17	3.797	5.22		
A-15-121	507.49	508.48	0.99	2694797	53.8	7.27	7	5	4.033	5.72		
A-15-121	508.48	509.15	0.67	2694798	11	1.41	<5	9	2.816	2.7		
A-15-121	509.15	510.10	0.95	2694799	7.3	0.9	<5	10	2.688	4.05		
A-15-121	510.10	511.05	0.95	2694800	9.2	0.77	<5	7	2.778	4.11		
A-15-121	511.05	512.05	1.00	2694801	7.6	0.21	<5	7	2.993	3.46		
A-15-121	512.05	512.50	0.45	2694802	7.5	0.36	<5	6	2.871	2.11		
A-15-121			0.00	2694803	1.1	2.91	<5	<2	I.S.	0.02		
A-15-121	512.50	513.23	0.73	2694804	4.2	0.2	<5	5	3.423	3.69		
A-15-121	513.23	514.00	0.77	2694805	6.6	1.2	<5	6	2.672	3.04		
A-15-121	514.00	515.00	1.00	2694806	6.8	1.06	<5	9	2.679	3.71		
A-15-121	515.00	516.00	1.00	2694807	7.4	1.69	<5	8	2.672	5.67		
A-15-121	516.00	517.00	1.00	2694808	7.5	1.55	<5	9	2.687	4.18		
A-15-121	517.00	518.00	1.00	2694809	7.6	1.72	<5	7	2.695	3.83		
A-15-121	518.00	519.00	1.00	2694810	53.6	5.36	<5	41	3.585	5.12		
A-15-121	519.00	519.56	0.56	2694811	80.2	6.55	<5	22	3.1	2.51		
A-15-121	519.56	520.35	0.79	2694812	83.5	8.05	<5	29	3.017	3.44		
A-15-121			0.00	2694813	85.6	8.04	<5	28	3.025			

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM
A-15-121	520.35	521.20	0.85	2694814		5.00	95.00		VAN15001763	15.9	38.3	258.6
A-15-121	521.20	522.20	1.00	2694815		15.00	85.00		VAN15001763	16.5	72	533.3
A-15-121	522.20	523.06	0.86	2694816		25.00	75.00		VAN15001763	20.5	80.2	482.7
A-15-121	523.06	524.00	0.94	2694817	massive sulphide	98.00	2.00		VAN15001763	4.1	144.3	2575.3
A-15-121	524.00	525.00	1.00	2694818	massive sulphide	98.00	2.00		VAN15001763	1.9	104.5	2332.5
A-15-121	525.00	526.00	1.00	2694819	massive sulphide	98.00	2.00		VAN15001763	2.1	82.5	2182.9
A-15-121	526.00	527.00	1.00	2694820	massive sulphide	98.00	2.00		VAN15001763	3.6	100.1	2694
A-15-121	527.00	528.00	1.00	2694821	massive sulphide	98.00	2.00		VAN15001763	1.9	74.2	2790.3
A-15-121	528.00	529.00	1.00	2694822	massive sulphide + minor sph	95.00	5.00		VAN15001763	1.2	46.5	2022.7
A-15-121			0.00	2694823				BLANK BL125	VAN15001763	5.6	98.8	5
A-15-121	529.00	530.00	1.00	2694824	massive sulphide + minor sph	95.00	5.00		VAN15001763	1.5	57.1	1562
A-15-121	530.00	531.00	1.00	2694825	massive sulphide + minor sph	95.00	5.00		VAN15001763	4.4	48	1518.2
A-15-121	531.00	532.00	1.00	2694826	massive sulphide + minor sph	60.00	40.00		VAN15001763	3.3	21.4	970.8
A-15-121	532.00	533.00	1.00	2694827	massive sulphide + minor sph	70.00	30.00		VAN15001763	2	31.9	695.5
A-15-121	533.00	534.00	1.00	2694828	massive sulphide + minor sph	70.00	30.00		VAN15001763	2	31.7	756.5
A-15-121	534.00	534.65	0.65	2694829	massive sulphide breccia	60.00	40.00		VAN15001763	4.4	37.5	614.1
A-15-121	534.65	535.52	0.87	2694830	massive sulphide breccia	60.00	40.00		VAN15001763	6.1	35.1	265.1
A-15-121	535.52	536.45	0.93	2694831		10.00	90.00		VAN15001763	20.8	27.5	133.9
A-15-121	536.45	537.15	0.70	2694832		10.00	90.00		VAN15001763	20.7	36.4	87.7
A-15-121			0.00	2694833				COARSE DUPLICATE	VAN15001763	21.9	32.3	89.6
A-15-121	537.15	538.00	0.85	2694834		10.00	90.00		VAN15001763	20.9	25.1	43.4
A-15-121	538.00	539.00	1.00	2694835		5.00	95.00		VAN15001763	20.9	38.3	45.5
A-15-121	539.00	540.00	1.00	2694836		5.00	95.00		VAN15001763	12.7	22.1	36.7
A-15-121	540.00	541.00	1.00	2694837		5.00	95.00		VAN15001763	17.4	31.1	47.6
A-15-121	541.00	542.00	1.00	2694838		5.00	95.00		VAN15001763	16.7	38.5	60.1
A-15-121	542.00	542.65	0.65	2694839		5.00	95.00		VAN15001763	12.2	26.9	32.1
A-15-121	542.65	543.17	0.52	2694840		5.00	95.00		VAN15001763	1.7	11.6	21.2
A-15-121	543.17	543.76	0.59	2694841		0.01	99.00		VAN15001763	<0.5	5.8	9.7
A-15-121	543.76	544.30	0.54	2694842	tr sph in vein	0.01	99.00		VAN15001763	<0.5	8.5	14.1
A-15-121			0.00	2694843				BLANK BL125	VAN15001763	5.9	96.4	4.6
A-15-121	544.30	545.00	0.70	2694844		0.01	99.00		VAN15001763	0.8	29	12.9
A-15-121	545.00	546.00	1.00	2694845		0.01	99.00		VAN15001763	<0.5	9.1	12.8
A-15-121	546.00	547.00	1.00	2694846		0.01	99.00		VAN15001763	0.8	27	18.9
A-15-121	547.00	548.00	1.00	2694847		0.01	99.00		VAN15001763	<0.5	9.5	12.9
A-15-121	548.00	549.00	1.00	2694848		0.01	99.00		VAN15001763	<0.5	14.6	15.8
A-15-121	549.00	550.00	1.00	2694849		0.01	99.00		VAN15001763	<0.5	7.2	10.3
A-15-121	550.00	551.00	1.00	2694850		0.01	99.00		VAN15001763	<0.5	12.7	24.1
A-15-121	551.00	552.00	1.00	2694851		0.01	99.00		VAN15001763	0.5	17.1	22.2
A-15-121	552.00	553.00	1.00	2694852		0.01	99.00		VAN15001763	3	28.6	31.7
A-15-121			0.00	2694853				PULP DUPLICATE	VAN15001763	3.5	26.1	32.1
A-15-121	553.00	554.00	1.00	2694854		0.01	99.00		VAN15001763	5.5	24.2	27.4
A-15-121	554.00	554.74	0.74	2694855		0.01	99.00		VAN15001763	2.8	13.1	26.1

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-121	520.35	521.20	0.85	2694814	21	2.6	136553	74.6	6.2	275	1.9	18	4	5.3	2160	<0.5	10.2	<0.5
A-15-121	521.20	522.20	1.00	2694815	36	6.2	97599	76.7	6.4	191	5.42	20	5.1	4.4	515	<0.5	19.3	<0.5
A-15-121	522.20	523.06	0.86	2694816	81	5.9	173726	101	7.3	145	6.55	12	4.7	2.9	1013	0.7	16.3	<0.5
A-15-121	523.06	524.00	0.94	2694817	2696	19.7	132893	144.6	15.1	369	29.91	17	0.6	<0.5	181	19.2	18.7	<0.5
A-15-121	524.00	525.00	1.00	2694818	3018	15.7	84414	125.2	8	214	35.27	11	<0.5	<0.5	79	19.1	6.4	<0.5
A-15-121	525.00	526.00	1.00	2694819	2978	11.8	35365	64.4	3.2	125	39.45	9	<0.5	<0.5	56	16.4	4.5	<0.5
A-15-121	526.00	527.00	1.00	2694820	6007	18.5	34223	34.4	1.2	140	39.95	18	<0.5	<0.5	63	30.5	7.6	<0.5
A-15-121	527.00	528.00	1.00	2694821	46234	18.2	21566	22.3	0.8	360	38.98	13	<0.5	<0.5	87	238.9	6	<0.5
A-15-121	528.00	529.00	1.00	2694822	85690	18.6	75350	23.6	1.5	654	28.15	8	<0.5	<0.5	186	528.1	1.2	<0.5
A-15-121			0.00	2694823	58	<0.5	585	14.9	10.1	576	3.64	<5	1	3.1	104	<0.5	<0.5	<0.5
A-15-121	529.00	530.00	1.00	2694824	47603	11.3	77656	51.8	3.8	953	26.04	6	<0.5	<0.5	239	365.4	1.4	<0.5
A-15-121	530.00	531.00	1.00	2694825	48386	8.8	32355	47.9	3.4	1083	27.32	8	<0.5	<0.5	318	365.6	2.1	<0.5
A-15-121	531.00	532.00	1.00	2694826	1279	2.6	31395	29.1	2.4	1861	14.55	6	1.3	<0.5	568	7.5	1.4	<0.5
A-15-121	532.00	533.00	1.00	2694827	871	4.7	27730	16.5	1.3	1088	26.29	6	<0.5	<0.5	215	4.8	1.8	<0.5
A-15-121	533.00	534.00	1.00	2694828	900	4.8	27397	21.9	1.3	985	24.42	5	0.6	<0.5	203	4.6	2.2	<0.5
A-15-121	534.00	534.65	0.65	2694829	573	3.5	4510	52.1	5.3	1010	21.74	6	1.7	0.8	400	2.8	2.6	<0.5
A-15-121	534.65	535.52	0.87	2694830	491	2.8	1892	36.7	3.6	908	14.14	8	2.3	0.6	394	2.9	3.3	<0.5
A-15-121	535.52	536.45	0.93	2694831	43	1.5	2051	99.8	7.5	248	3.66	9	6.8	2.1	121	<0.5	4	<0.5
A-15-121	536.45	537.15	0.70	2694832	55	1.6	1752	124.2	7.2	245	4	13	13.8	1.9	135	<0.5	4.1	<0.5
A-15-121			0.00	2694833	56	1.6	1788	116.5	7.4	248	3.99	11	13.8	1.9	135	<0.5	3.8	<0.5
A-15-121	537.15	538.00	0.85	2694834	37	1.1	2120	127.7	8	187	1.95	11	4.7	2.4	86	<0.5	2.2	<0.5
A-15-121	538.00	539.00	1.00	2694835	139	0.8	2082	105	9	390	1.97	9	4.3	2.8	226	1.4	1.9	<0.5
A-15-121	539.00	540.00	1.00	2694836	32	0.8	2840	92	8.3	468	1.81	7	4.7	3.7	290	<0.5	2	<0.5
A-15-121	540.00	541.00	1.00	2694837	28	1	2450	134.8	8	349	2.02	12	6.4	3.4	193	<0.5	2.1	<0.5
A-15-121	541.00	542.00	1.00	2694838	1414	1	2898	126.1	8	461	2.47	11	5.3	3.6	298	12.5	2.4	<0.5
A-15-121	542.00	542.65	0.65	2694839	111	0.6	4228	88.9	6	505	1.45	<5	5.3	3.6	375	1.1	1.7	<0.5
A-15-121	542.65	543.17	0.52	2694840	70	<0.5	6947	38.7	6.2	591	1.49	<5	1.1	5.2	282	0.6	1	<0.5
A-15-121	543.17	543.76	0.59	2694841	12	<0.5	6994	23.3	4.1	562	1.16	<5	0.7	4	309	<0.5	<0.5	<0.5
A-15-121	543.76	544.30	0.54	2694842	74	<0.5	6012	11.1	1.5	856	0.77	<5	<0.5	2.5	708	<0.5	<0.5	<0.5
A-15-121			0.00	2694843	50	<0.5	610	13.8	9.8	585	3.55	<5	1	3.1	108	<0.5	<0.5	<0.5
A-15-121	544.30	545.00	0.70	2694844	171	<0.5	10512	27	4.2	430	1.06	<5	0.9	5.5	266	1.1	0.5	<0.5
A-15-121	545.00	546.00	1.00	2694845	11	<0.5	9762	20.3	5.5	598	1.29	<5	0.6	4.7	321	<0.5	0.5	<0.5
A-15-121	546.00	547.00	1.00	2694846	39	<0.5	14955	31.6	4.4	325	1.09	<5	1	5.8	211	<0.5	1.1	<0.5
A-15-121	547.00	548.00	1.00	2694847	12	<0.5	12658	19.1	4.5	441	1.04	<5	0.6	4.9	337	<0.5	0.7	<0.5
A-15-121	548.00	549.00	1.00	2694848	41	<0.5	13799	23.4	6	456	1.14	<5	1	6	305	<0.5	0.8	<0.5
A-15-121	549.00	550.00	1.00	2694849	11	<0.5	11197	13.1	4.8	515	1.06	<5	0.6	3.9	477	<0.5	<0.5	<0.5
A-15-121	550.00	551.00	1.00	2694850	13	<0.5	11494	28.7	6.4	555	1.69	<5	0.7	5.1	414	<0.5	0.8	<0.5
A-15-121	551.00	552.00	1.00	2694851	23	<0.5	14897	27.5	6.4	379	1.46	<5	0.9	6.1	257	<0.5	0.9	<0.5
A-15-121	552.00	553.00	1.00	2694852	20	1.4	14156	40.4	6.3	315	1.65	<5	1.5	6.7	399	<0.5	1.7	<0.5
A-15-121			0.00	2694853	22	0.8	14120	38.6	5.6	318	1.65	<5	1.3	6.2	403	<0.5	1.5	<0.5
A-15-121	553.00	554.00	1.00	2694854	141	<0.5	13589	38.6	6.7	321	1.35	<5	1.6	5.7	390	0.7	1.1	<0.5
A-15-121	554.00	554.74	0.74	2694855	10	<0.5	12669	22.6	4.8	418	1.33	<5	0.8	4	323	<0.5	1.9	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**%**	**PPM**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**
A-15-121	520.35	521.20	0.85	2694814	112	2.68	0.062	23.6	10.6	0.45	5541	0.003	0.69	<0.01	0.19	<0.5	0.15	6.8
A-15-121	521.20	522.20	1.00	2694815	155	0.8	0.043	21.5	12.6	0.31	331	0.004	0.77	<0.01	0.23	0.7	0.26	5.7
A-15-121	522.20	523.06	0.86	2694816	156	2.5	0.031	18	11.2	0.17	196	0.003	0.73	<0.01	0.24	<0.5	0.36	8.7
A-15-121	523.06	524.00	0.94	2694817	35	3.03	0.005	1.5	3.6	0.09	42	<0.001	0.09	<0.01	0.04	<0.5	0.81	1
A-15-121	524.00	525.00	1.00	2694818	11	2.29	0.003	0.5	1.4	0.04	40	<0.001	0.02	<0.01	0.01	<0.5	0.86	0.6
A-15-121	525.00	526.00	1.00	2694819	12	1.03	0.003	<0.5	2.2	0.02	36	<0.001	0.02	<0.01	0.02	<0.5	0.81	<0.5
A-15-121	526.00	527.00	1.00	2694820	13	1.08	0.003	<0.5	1.4	0.02	79	<0.001	<0.01	<0.01	<0.01	<0.5	1.46	<0.5
A-15-121	527.00	528.00	1.00	2694821	12	1.23	0.003	<0.5	1.6	0.06	38	<0.001	0.01	<0.01	<0.01	<0.5	8.47	<0.5
A-15-121	528.00	529.00	1.00	2694822	<10	4.4	0.002	1.6	0.6	0.05	49	<0.001	<0.01	<0.01	<0.01	<0.5	13.36	<0.5
A-15-121			0.00	2694823	106	1.26	0.059	7.7	19.7	0.82	141	0.189	2.08	0.26	0.24	0.6	<0.05	4.3
A-15-121	529.00	530.00	1.00	2694824	15	8.09	0.005	3.3	1.3	0.17	39	<0.001	0.01	<0.01	<0.01	<0.5	8.06	<0.5
A-15-121	530.00	531.00	1.00	2694825	21	9.01	0.007	6.6	2.2	0.2	49	<0.001	0.03	<0.01	0.01	<0.5	8.75	<0.5
A-15-121	531.00	532.00	1.00	2694826	25	20.22	0.016	11.8	3.6	0.32	414	<0.001	0.03	<0.01	0.01	<0.5	0.35	0.7
A-15-121	532.00	533.00	1.00	2694827	10	12.54	0.007	8.1	1.5	0.1	186	<0.001	0.02	<0.01	<0.01	<0.5	0.38	<0.5
A-15-121	533.00	534.00	1.00	2694828	14	11.15	0.009	6.7	1.9	0.31	86	<0.001	0.05	<0.01	0.03	<0.5	0.31	0.8
A-15-121	534.00	534.65	0.65	2694829	13	12.98	0.019	12.1	2.3	0.36	98	<0.001	0.1	<0.01	0.06	<0.5	0.31	1.2
A-15-121	534.65	535.52	0.87	2694830	19	13.98	0.019	12.4	2.5	0.18	77	0.001	0.12	<0.01	0.07	<0.5	0.27	1.3
A-15-121	535.52	536.45	0.93	2694831	35	3.32	0.038	12.1	5.8	0.07	454	0.003	0.22	<0.01	0.15	<0.5	0.12	2
A-15-121	536.45	537.15	0.70	2694832	37	3.5	0.071	10.6	5.9	0.06	515	0.003	0.22	<0.01	0.12	<0.5	0.14	1.2
A-15-121			0.00	2694833	40	3.46	0.072	10.1	5.4	0.05	553	0.003	0.25	<0.01	0.13	<0.5	0.14	1.9
A-15-121	537.15	538.00	0.85	2694834	34	2	0.038	9.6	6.7	0.27	394	0.003	0.24	<0.01	0.14	<0.5	0.18	1.6
A-15-121	538.00	539.00	1.00	2694835	37	5.95	0.04	10.6	5.9	1	382	0.003	0.27	<0.01	0.16	<0.5	0.12	2.3
A-15-121	539.00	540.00	1.00	2694836	36	8.17	0.054	13.2	6.1	1.19	412	0.004	0.29	<0.01	0.17	<0.5	0.08	3
A-15-121	540.00	541.00	1.00	2694837	45	4.62	0.141	15.8	6.9	0.63	490	0.004	0.36	<0.01	0.19	<0.5	0.13	2.4
A-15-121	541.00	542.00	1.00	2694838	42	7.62	0.084	18.2	5.9	0.91	456	0.004	0.31	<0.01	0.17	<0.5	0.51	2.9
A-15-121	542.00	542.65	0.65	2694839	29	7.72	0.08	14.2	6.4	1.46	768	0.003	0.29	<0.01	0.15	<0.5	0.11	3.2
A-15-121	542.65	543.17	0.52	2694840	17	7.23	0.128	18.2	8.3	2.09	930	0.005	0.48	<0.01	0.28	<0.5	0.09	3.6
A-15-121	543.17	543.76	0.59	2694841	<10	6.63	0.033	12.4	5	1.65	509	0.003	0.29	<0.01	0.18	<0.5	<0.05	3.5
A-15-121	543.76	544.30	0.54	2694842	<10	16.32	0.021	20.7	4.1	1.23	1277	0.002	0.21	<0.01	0.13	<0.5	<0.05	3
A-15-121			0.00	2694843	100	1.25	0.06	8.1	19.9	0.8	145	0.189	2.08	0.26	0.24	0.6	<0.05	4.2
A-15-121	544.30	545.00	0.70	2694844	13	5.25	0.047	15.7	8.1	1.43	831	0.004	0.35	<0.01	0.22	<0.5	0.08	4.8
A-15-121	545.00	546.00	1.00	2694845	<10	6.82	0.035	14.6	6.5	1.93	792	0.004	0.32	<0.01	0.21	<0.5	0.06	3.6
A-15-121	546.00	547.00	1.00	2694846	12	4.06	0.028	14.2	7.2	1.29	1366	0.003	0.32	<0.01	0.21	<0.5	<0.05	3.5
A-15-121	547.00	548.00	1.00	2694847	<10	6.68	0.027	14.8	6.8	1.56	1050	0.003	0.33	<0.01	0.21	<0.5	<0.05	3.4
A-15-121	548.00	549.00	1.00	2694848	<10	5.94	0.045	17.7	6	1.65	1130	0.004	0.32	<0.01	0.2	<0.5	<0.05	4.3
A-15-121	549.00	550.00	1.00	2694849	<10	7.88	0.027	13.2	4.5	1.7	868	0.002	0.24	<0.01	0.16	<0.5	<0.05	3.1
A-15-121	550.00	551.00	1.00	2694850	<10	6.68	0.041	17.1	7	1.95	689	0.003	0.31	<0.01	0.2	<0.5	0.09	3.9
A-15-121	551.00	552.00	1.00	2694851	11	4.19	0.036	15.9	8.1	1.65	1053	0.004	0.35	<0.01	0.24	<0.5	0.12	4.3
A-15-121	552.00	553.00	1.00	2694852	19	4.64	0.106	19.2	9.1	1.28	1786	0.004	0.37	<0.01	0.24	<0.5	0.1	4
A-15-121			0.00	2694853	18	4.64	0.107	18.6	8.4	1.28	1743	0.004	0.36	<0.01	0.23	<0.5	0.15	3.9
A-15-121	553.00	554.00	1.00	2694854	18	4.47	0.032	17.3	8	1.44	2151	0.003	0.35	<0.01	0.23	<0.5	0.15	3.9
A-15-121	554.00	554.74	0.74	2694855	11	5.22	0.035	11	6	2.08	814	0.003	0.24	<0.01	0.19	<0.5	0.08	3.4

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	PPM	PPM	NONE	KG	%	%
A-15-121	520.35	521.20	0.85	2694814	12.7	0.43	<5	20	2.903	3.46		
A-15-121	521.20	522.20	1.00	2694815	39.3	5.47	<5	32	2.951	4.37		
A-15-121	522.20	523.06	0.86	2694816	51.5	7.13	<5	28	3.142	4.22		
A-15-121	523.06	524.00	0.94	2694817	195.4	32.45	<5	5	4.305	4.46		
A-15-121	524.00	525.00	1.00	2694818	174.7	38.59	<5	<2	4.48	6.97		
A-15-121	525.00	526.00	1.00	2694819	208.9	44.8	<5	<2	4.49	7.51		
A-15-121	526.00	527.00	1.00	2694820	254.7	45.33	<5	<2	4.635	5.25		
A-15-121	527.00	528.00	1.00	2694821	223.8	45.64	<5	<2	4.584	6.5		
A-15-121	528.00	529.00	1.00	2694822	207.7	34.91	<5	<2	4.344	5.93		
A-15-121			0.00	2694823	<0.5	<0.05	6	<2	I.S.	0.02		
A-15-121	529.00	530.00	1.00	2694824	136.7	31.15	<5	<2	4.036	6.07		
A-15-121	530.00	531.00	1.00	2694825	66.7	32.88	<5	3	3.944	5.49		
A-15-121	531.00	532.00	1.00	2694826	55.8	17.42	<5	<2	3.23	4.85		
A-15-121	532.00	533.00	1.00	2694827	61.5	32.09	<5	<2	3.777	5.5		
A-15-121	533.00	534.00	1.00	2694828	52.1	29.72	<5	<2	3.672	5.33		
A-15-121	534.00	534.65	0.65	2694829	40.1	26.38	<5	3	3.454	3.24		
A-15-121	534.65	535.52	0.87	2694830	18.2	16.52	<5	3	3.07	3.81		
A-15-121	535.52	536.45	0.93	2694831	8.3	4.06	<5	6	2.673	3.21		
A-15-121	536.45	537.15	0.70	2694832	9.6	4.46	<5	5	2.689	2.83		
A-15-121			0.00	2694833	8.8	4.47	<5	7	2.704			
A-15-121	537.15	538.00	0.85	2694834	5.5	1.95	<5	5	2.61	3.26		
A-15-121	538.00	539.00	1.00	2694835	4.6	1.96	<5	5	2.644	4.14		
A-15-121	539.00	540.00	1.00	2694836	3.6	1.74	<5	5	2.64	3.95		
A-15-121	540.00	541.00	1.00	2694837	4.7	2.02	<5	5	2.633	3.8		
A-15-121	541.00	542.00	1.00	2694838	4.5	2.65	<5	6	2.668	3.98		
A-15-121	542.00	542.65	0.65	2694839	3	1.35	<5	3	2.639	3.09		
A-15-121	542.65	543.17	0.52	2694840	2.3	1.4	<5	<2	2.679	2.08		
A-15-121	543.17	543.76	0.59	2694841	1.3	1.03	<5	<2	2.666	2.24		
A-15-121	543.76	544.30	0.54	2694842	0.8	0.6	<5	<2	2.667	2.22		
A-15-121			0.00	2694843	<0.5	<0.05	6	<2	I.S.	0.02		
A-15-121	544.30	545.00	0.70	2694844	1.6	0.91	<5	<2	2.65	2.96		
A-15-121	545.00	546.00	1.00	2694845	1.5	1.17	<5	<2	2.668	3.45		
A-15-121	546.00	547.00	1.00	2694846	1.7	0.98	<5	<2	2.677	3.99		
A-15-121	547.00	548.00	1.00	2694847	1.3	0.92	<5	<2	2.646	3.93		
A-15-121	548.00	549.00	1.00	2694848	1.4	1.02	<5	<2	2.666	3.83		
A-15-121	549.00	550.00	1.00	2694849	0.9	0.97	<5	<2	2.687	3.59		
A-15-121	550.00	551.00	1.00	2694850	1.4	1.65	<5	<2	2.681	3.97		
A-15-121	551.00	552.00	1.00	2694851	1.5	1.39	<5	<2	2.665	4		
A-15-121	552.00	553.00	1.00	2694852	2.7	1.66	<5	<2	2.664	4.07		
A-15-121			0.00	2694853	2.6	1.66	<5	2	2.681			
A-15-121	553.00	554.00	1.00	2694854	2	1.33	<5	2	2.673	4.13		
A-15-121	554.00	554.74	0.74	2694855	1.6	1.25	<5	<2	2.677	3.16		

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-121	0.00		35	-83			Y	Collar
A-15-121	15.24	330.4	349.7	-83.1	5981	Reflex EZ shot	Y	dip only
A-15-121	30.48	161.3	180.6	-81.6	3091	Reflex EZ shot	Y	dip only
A-15-121	76.20	13.8	33.1	-78	5898	Reflex EZ shot	Y	
A-15-121	121.92	6.3	25.6	-76.6	5708	Reflex EZ shot	Y	
A-15-121	135.64	6.2	25.5	-76.6	5709	Reflex EZ shot	Y	
A-15-121	152.40	6.9	26.2	-76.3	5710	Reflex EZ shot	Y	
A-15-121	176.79	6.1	25.4	-75.8	5711	Reflex EZ shot	Y	
A-15-121	207.27	6	25.3	-75.8	5710	Reflex EZ shot	Y	
A-15-121	252.99	6.3	25.6	-76.1	5709	Reflex EZ shot	Y	
A-15-121	298.71	5.4	24.7	-75.9	5712	Reflex EZ shot	Y	
A-15-121	344.43	3.9	23.2	-74.7	5714	Reflex EZ shot	Y	
A-15-121	390.15	3.2	22.5	-74.6	5712	Reflex EZ shot	Y	
A-15-121	435.87	2	21.3	-74	5702	Reflex EZ shot	Y	
A-15-121	478.54	1.4	20.7	-73.7	5714	Reflex EZ shot	Y	
A-15-121	527.31	359.5	18.8	-73.8	5713	Reflex EZ shot	Y	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-121	3.05	9.14	6.09	0.87	14.29%	0	0.00%												
A-15-121	9.14	12.19	3.05	2.14	70.16%	0.53	17.38%												
A-15-121	12.19	15.24	3.05	1.43	46.89%	0.00	0.00%												
A-15-121	15.24	18.29	3.05	2.49	81.64%	0.11	3.61%												
A-15-121	18.29	20.73	2.44	1.94	79.51%	0.13	5.33%												
A-15-121	20.73	22.25	1.52	0.43	28.29%	0	0.00%												
A-15-121	22.25	22.86	0.61	0.42	68.85%	0	0.00%												
A-15-121	22.86	24.38	1.52	0.52	34.21%	0	0.00%												
A-15-121	24.38	27.43	3.05	2.22	72.79%	0.16	5.25%												
A-15-121	27.43	30.48	3.05	2.32	76.07%	0.12	3.93%												
A-15-121	30.48	33.53	3.05	2.52	82.62%	0.54	17.70%	3				3							
A-15-121	33.53	36.58	3.05	2.9	95.08%	0.71	23.28%	2			1	1							
A-15-121	36.58	39.62	3.04	2.4	78.95%	0	0.00%												
A-15-121	39.62	42.67	3.05	2.87	94.10%	1.29	42.30%												
A-15-121	42.67	45.72	3.05	2.61	85.57%	1.09	35.74%												
A-15-121	45.72	48.77	3.05	2.93	96.07%	1.55	50.82%												
A-15-121	48.77	51.82	3.05	2.67	87.54%	2.17	71.15%												
A-15-121	51.82	54.86	3.04	3.06	100.66%	2	65.79%												
A-15-121	54.86	57.91	3.05	2.87	94.10%	0.25	8.20%												
A-15-121	57.91	60.96	3.05	2.11	69.18%	0	0.00%												
A-15-121	60.96	64.01	3.05	2.48	81.31%	0.63	20.66%												
A-15-121	64.01	67.06	3.05	2.94	96.39%	1.09	35.74%												
A-15-121	67.06	70.10	3.04	2.95	97.04%	0.89	29.28%												
A-15-121	70.10	73.15	3.05	2.72	89.18%	0.77	25.25%												
A-15-121	73.15	76.20	3.05	2.78	91.15%	0.54	17.70%												
A-15-121	76.20	79.25	3.05	2.72	89.18%	0.88	28.85%												
A-15-121	79.25	82.30	3.05	2.47	80.98%	0.26	8.52%												
A-15-121	82.30	85.35	3.05	2.86	93.77%	0.48	15.74%												
A-15-121	85.35	88.39	3.04	2.5	82.24%	0.48	15.79%												
A-15-121	88.39	91.44	3.05	2.3	75.41%	0.52	17.05%												
A-15-121	91.44	94.49	3.05	2.58	84.59%	0.32	10.49%												
A-15-121	94.49	97.54	3.05	2.61	85.57%	0.82	26.89%												
A-15-121	97.54	100.59	3.05	2.57	84.26%	1.18	38.69%												
A-15-121	100.59	103.63	3.04	2.98	98.03%	1.84	60.53%												
A-15-121	103.63	106.68	3.05	2.69	88.20%	2.28	74.75%	2		1		1							
A-15-121	106.68	109.73	3.05	2.27	74.43%	1.32	43.28%												
A-15-121	109.73	111.25	1.52	1.05	69.08%	0.33	21.71%												
A-15-121	111.25	112.78	1.53	1.42	92.81%	0.55	35.95%												
A-15-121	112.78	115.83	3.05	1.56	51.15%	0	0.00%												
A-15-121	115.83	118.87	3.04	2.31	75.99%	0.23	7.57%	1			1								
A-15-121	118.87	121.92	3.05	2.49	81.64%	0.2	6.56%												
A-15-121	121.92	124.97	3.05	2.8	91.80%	0.45	14.75%												
A-15-121	124.97	128.02	3.05	2.14	70.16%	0	0.00%												
A-15-121	128.02	131.07	3.05	2.09	68.52%	0.46	15.08%												
A-15-121	131.07	134.11	3.04	2.15	70.72%	0.52	17.11%												
A-15-121	134.11	137.16	3.05	2.78	91.15%	0.94	30.82%												
A-15-121	137.16	140.21	3.05	1.94	63.61%	0.34	11.15%												
A-15-121	140.21	143.26	3.05	2.24	73.44%	0.38	12.46%												
A-15-121	143.26	146.31	3.05	2.47	80.98%	0.79	25.90%												
A-15-121	146.31	149.35	3.04	1.98	65.13%	0.54	17.76%												
A-15-121	149.35	152.40	3.05	2.28	74.75%	1.22	40.00%												
A-15-121	152.40	155.45	3.05	2.7	88.52%	0.69	22.62%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-121	155.45	158.50	3.05	2.66	87.21%	0.92	30.16%												
A-15-121	158.50	161.55	3.05	2.72	89.18%	0.82	26.89%												
A-15-121	161.55	164.59	3.04	2.37	77.96%	0.53	17.43%												
A-15-121	164.59	167.64	3.05	2.21	72.46%	0.56	18.36%												
A-15-121	167.64	170.69	3.05	3.02	99.02%	1.46	47.87%												
A-15-121	170.69	173.74	3.05	2.84	93.11%	2.14	70.16%												
A-15-121	173.74	176.79	3.05	3.04	99.67%	2.31	75.74%												
A-15-121	176.79	179.83	3.04	2.98	98.03%	2.58	84.87%	32	30	2									
A-15-121	179.83	182.88	3.05	2.5	81.97%	1.43	46.89%	10	10										
A-15-121	182.88	185.93	3.05	3.05	100.00%	1.97	64.59%	50	>50										
A-15-121	185.93	188.98	3.05	3.14	102.95%	2.58	84.59%	1				1							
A-15-121	188.98	192.03	3.05	2.97	97.38%	2.64	86.56%	24	23	1									
A-15-121	192.03	195.07	3.04	3.01	99.01%	2.24	73.68%	7	6	1									
A-15-121	195.07	198.12	3.05	3.13	102.62%	2.62	85.90%	29	17	9	3								
A-15-121	198.12	201.17	3.05	3.1	101.64%	2.8	91.80%	53	>50		1		2						
A-15-121	201.17	204.22	3.05	3	98.36%	2.82	92.46%	21	20		1								
A-15-121	204.22	207.27	3.05	3.02	99.02%	2.54	83.28%	50	>50										
A-15-121	207.27	210.31	3.04	3.05	100.33%	2.69	88.49%	29	22	6	1								
A-15-121	210.31	213.36	3.05	2.89	94.75%	2.24	73.44%	51	>50	1									
A-15-121	213.36	216.41	3.05	2.94	96.39%	2.56	83.93%	62	>50	10	2								
A-15-121	216.41	219.46	3.05	2.92	95.74%	2.43	79.67%												
A-15-121	219.46	222.50	3.04	2.93	96.38%	2.42	79.61%												
A-15-121	222.50	225.55	3.05	3	98.36%	2.71	88.85%												
A-15-121	225.55	228.60	3.05	2.88	94.43%	2.04	66.89%												
A-15-121	228.60	231.65	3.05	3.02	99.02%	1.57	51.48%												
A-15-121	231.65	234.70	3.05	2.96	97.05%	1.99	65.25%												
A-15-121	234.70	237.74	3.04	3.04	100.00%	2.74	90.13%												
A-15-121	237.74	240.79	3.05	2.95	96.72%	1.69	55.41%												
A-15-121	240.79	243.84	3.05	2.84	93.11%	1.66	54.43%												
A-15-121	243.84	246.89	3.05	2.88	94.43%	1.86	60.98%												
A-15-121	246.89	249.94	3.05	2.68	87.87%	1.5	49.18%												
A-15-121	249.94	252.98	3.04	2.77	91.12%	2.08	68.42%												
A-15-121	252.98	256.03	3.05	2.84	93.11%	1.75	57.38%												
A-15-121	256.03	259.08	3.05	3.02	99.02%	1.74	57.05%												
A-15-121	259.08	262.13	3.05	2.95	96.72%	1.94	63.61%												
A-15-121	262.13	265.18	3.05	2.29	75.08%	1.4	45.90%												
A-15-121	265.18	268.22	3.04	2.48	81.58%	0.14	4.61%												
A-15-121	268.22	270.36	2.14	1.47	68.69%	0.18	8.41%												
A-15-121	270.36	272.19	1.83	1.65	90.16%	0.54	29.51%												
A-15-121	272.19	274.32	2.13	2.23	104.69%	1.90	89.20%												
A-15-121	274.32	277.37	3.05	2.4	78.69%	1.43	46.89%												
A-15-121	277.37	280.42	3.05	2.91	95.41%	2.22	72.79%												
A-15-121	280.42	283.46	3.04	3	98.68%	2.35	77.30%												
A-15-121	283.46	286.51	3.05	3.05	100.00%	2.01	65.90%												
A-15-121	286.51	288.34	1.83	1.87	102.19%	1.60	87.43%												
A-15-121	288.34	289.56	1.22	1.15	94.26%	1.07	87.70%												
A-15-121	289.56	291.69	2.13	1.86	87.32%	1.66	77.93%												
A-15-121	291.69	293.52	1.83	1.61	87.98%	1.14	62.30%												
A-15-121	293.52	295.66	2.14	2.1	98.13%	1.42	66.36%	1					1						
A-15-121	295.66	297.79	2.13	1.31	61.50%	0.89	41.78%												
A-15-121	297.79	299.31	1.52	1.82	119.74%	1.35	88.82%												
A-15-121	299.31	301.13	1.82	1.7	93.41%	1.65	90.66%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-121	301.13	302.30	1.17	1.23	105.13%	0.46	39.32%	1				1							
A-15-121	302.30	304.80	2.50	2.46	98.40%	1.43	57.20%												
A-15-121	304.80	307.85	3.05	2.79	91.48%	1.36	44.59%												
A-15-121	307.85	310.90	3.05	3.05	100.00%	2.44	80.00%	1					1						
A-15-121	310.90	313.95	3.05	2.52	82.62%	1.92	62.95%												
A-15-121	313.95	316.99	3.04	3.16	103.95%	2.52	82.89%												
A-15-121	316.99	320.04	3.05	2.65	86.89%	1.01	33.11%												
A-15-121	320.04	323.09	3.05	2.62	85.90%	1.75	57.38%												
A-15-121	323.09	326.14	3.05	2.64	86.56%	1.84	60.33%	1			1								
A-15-121	326.14	329.18	3.04	3.18	104.61%	2.45	80.59%	4			4								
A-15-121	329.18	332.23	3.05	2.85	93.44%	2.22	72.79%	7	1	4	1	1							
A-15-121	332.23	335.28	3.05	2.74	89.84%	2.2	72.13%	9	2	7		1							
A-15-121	335.28	338.33	3.05	3.08	100.98%	2.04	66.89%	5	3		2								
A-15-121	338.33	341.38	3.05	2.87	94.10%	2.09	68.52%	5	1	2	1	1							
A-15-121	341.38	344.42	3.04	3.01	99.01%	1.95	64.14%	5	4	1									
A-15-121	344.42	347.47	3.05	2.82	92.46%	2.64	86.56%	2	2										
A-15-121	347.47	350.52	3.05	2.26	74.10%	0.66	21.64%												
A-15-121	350.52	353.57	3.05	2.51	82.30%	1.3	42.62%												
A-15-121	353.57	355.70	2.13	1.93	90.61%	1.41	66.20%												
A-15-121	355.70	358.14	2.44	2.5	102.46%	2.07	84.84%												
A-15-121	358.14	360.58	2.44	2.13	87.30%	1.52	62.30%												
A-15-121	360.58	362.71	2.13	2.07	97.18%	1.73	81.22%												
A-15-121	362.71	364.85	2.14	1.89	88.32%	0.9	42.06%	1					1						
A-15-121	364.85	366.37	1.52	1.55	101.97%	1.03	67.76%												
A-15-121	366.37	368.81	2.44	1.98	81.15%	1.7	69.67%	1					1						
A-15-121	368.81	369.72	0.91	1.13	124.18%	0.97	106.59%												
A-15-121	369.72	371.25	1.53	1.33	86.93%	0.64	41.83%	1					1						
A-15-121	371.25	373.08	1.83	1.93	105.46%	0.98	53.55%												
A-15-121	373.08	374.90	1.82	1.73	95.05%	0.87	47.80%												
A-15-121	374.90	376.43	1.53	1.3	84.97%	0.63	41.18%												
A-15-121	376.43	377.95	1.52	1.39	91.45%	1.15	75.66%	3	2	1									
A-15-121	377.95	381.00	3.05	2.94	96.39%	1.36	44.59%	3			2	1							
A-15-121	381.00	384.05	3.05	2.4	78.69%	1.29	42.30%	7	3	3	1								
A-15-121	384.05	387.10	3.05	2.52	82.62%	0.99	32.46%												
A-15-121	387.10	390.14	3.04	3.14	103.29%	2.2	72.37%	2		1	1								
A-15-121	390.14	393.19	3.05	2.57	84.26%	1.73	56.72%												
A-15-121	393.19	396.24	3.05	2.93	96.07%	1.66	54.43%												
A-15-121	396.24	399.29	3.05	3.05	100.00%	2.66	87.21%												
A-15-121	399.29	402.34	3.05	2.73	89.51%	2.1	68.85%												
A-15-121	402.34	404.47	2.13	2.11	99.06%	1.68	78.87%												
A-15-121	404.47	406.91	2.44	2.2	90.16%	1.23	50.41%	4	2		2								
A-15-121	406.91	409.96	3.05	2.95	96.72%	2.04	66.89%												
A-15-121	409.96	413.00	3.04	3.04	100.00%	2.72	89.47%	10	8		1		1	1	1				
A-15-121	413.00	416.05	3.05	2.79	91.48%	2.38	78.03%	1		1				1	1				
A-15-121	416.05	419.10	3.05	2.77	90.82%	2.43	79.67%	2		1		1		2			2		
A-15-121	419.10	419.40	0.30	0.29	96.67%	0.24	80.00%							2	2				
A-15-121	419.40	422.45	3.05	2.95	96.72%	2.3	75.41%	6	2	3	1			14	12	2			
A-15-121	422.45	424.59	2.14	2.12	99.07%	2.09	97.66%	3	2		1			16	8	8			
A-15-121	424.59	426.72	2.13	2.11	99.06%	1.29	60.56%	14	11	3				17	10	6	1		
A-15-121	426.72	429.77	3.05	3.02	99.02%	2.5	81.97%	12	9	3									
A-15-121	429.77	432.82	3.05	2.9	95.08%	2.77	90.82%												
A-15-121	432.82	435.86	3.04	3.08	101.32%	2.82	92.76%	4	4					22	18	2	2		

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-121	435.86	438.91	3.05	2.86	93.77%	2.12	69.51%	2	2					12	6	2	2	2	
A-15-121	438.91	441.96	3.05	2.97	97.38%	2.51	82.30%							3	1	1	1		
A-15-121	441.96	445.01	3.05	3.02	99.02%	2.31	75.74%	1			1			1		1			
A-15-121	445.01	448.06	3.05	3.01	98.69%	2.76	90.49%	2	1	1				21	5	10	5	1	
A-15-121	448.06	451.10	3.04	2.95	97.04%	2.37	77.96%							23	9	9	5		
A-15-121	451.10	454.15	3.05	3.03	99.34%	2.70	88.52%							34	20	11	3		
A-15-121	454.15	457.20	3.05	2.88	94.43%	2.61	85.57%							26	14	7	5		
A-15-121	457.20	460.25	3.05	2.84	93.11%	2.62	85.90%	6	6					16	4	10	2		
A-15-121	460.25	463.30	3.05	3.03	99.34%	2.87	94.10%	30	30					13	4	3	6		
A-15-121	463.30	466.34	3.04	3.02	99.34%	2.87	94.41%	26	24	1	1			9	6	3			
A-15-121	466.34	469.39	3.05	2.79	91.48%	2.24	73.44%	23	23					7	3	1	3		
A-15-121	469.39	472.44	3.05	3.1	101.64%	2.26	74.10%							5	2	1	2		
A-15-121	472.44	475.49	3.05	3.05	100.00%	2.86	93.77%							19	10	4	5		
A-15-121	475.49	478.54	3.05	2.96	97.05%	2.74	89.84%	3	3					27	23	3	1		
A-15-121	478.54	481.58	3.04	3	98.68%	2.27	74.67%							12	8	4			
A-15-121	481.58	484.63	3.05	3.01	98.69%	2.72	89.18%	2	1	1				3	3				
A-15-121	484.63	487.68	3.05	2.99	98.03%	2.89	94.75%												
A-15-121	487.68	490.73	3.05	2.63	86.23%	0.69	22.62%	5	5										
A-15-121	490.73	493.78	3.05	2.89	94.75%	2.33	76.39%	3	2	1				4	2	2			
A-15-121	493.78	496.82	3.04	2.76	90.79%	1.77	58.22%	6	4	1	1			3	2	1			
A-15-121	496.82	499.87	3.05	2.87	94.10%	2.43	79.67%							15	15				
A-15-121	499.87	502.01	2.14	2.16	100.93%	1.88	87.85%							9	9				
A-15-121	502.01	504.44	2.43	2.53	104.12%	1.25	51.44%							17	12	4	1		
A-15-121	504.44	507.49	3.05	3.08	100.98%	2.40	78.69%	5	5					5	2	3			
A-15-121	507.49	510.54	3.05	3.25	106.56%	2.38	78.03%	4	2	2									
A-15-121	510.54	512.06	1.52	1.32	86.84%	1.17	76.97%	14	11	2	1								
A-15-121	512.06	515.11	3.05	3.1	101.64%	2.03	66.56%	3	2	1									
A-15-121	515.11	518.16	3.05	2.96	97.05%	2.33	76.39%	9	7	2									
A-15-121	518.16	521.21	3.05	3	98.36%	2.64	86.56%	2	2										
A-15-121	521.21	524.26	3.05	2.88	94.43%	2.54	83.28%							4	1		3		
A-15-121	524.26	527.30	3.04	3.01	99.01%	2.45	80.59%												
A-15-121	527.30	530.35	3.05	3.08	100.98%	2.69	88.20%												
A-15-121	530.35	533.40	3.05	3.08	100.98%	2.85	93.44%												
A-15-121	533.40	536.45	3.05	2.96	97.05%	2.87	94.10%												
A-15-121	536.45	539.50	3.05	3.03	99.34%	2.00	65.57%												
A-15-121	539.50	542.54	3.04	2.97	97.70%	2.66	87.50%												
A-15-121	542.54	545.59	3.05	2.97	97.38%	2.44	80.00%												
A-15-121	545.59	548.64	3.05	2.94	96.39%	2.34	76.72%												
A-15-121	548.64	551.69	3.05	2.99	98.03%	2.67	87.54%												
A-15-121	551.69	554.74	3.05	2.89	94.75%	2.39	78.36%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts? (Poorly Defined)
3BX	AKIE FORMATION	Breccia (Poorly Defined)
3SS	AKIE FORMATION	Sandstone (Poorly Defined)
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

TSX-V:CZX
CANADA ZINC
METALS CORP.

Akie Property

Drill Hole # A-15-122

Date	28-Jun-15	Logger	Scott Dowler

Collar Orientation

Proposed	
Azimuth	42
Dip	-64
Length (m)	540

Actual	
Azimuth	42
Dip	-64
Length (m)	553.21

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360290
Easting (m)	388362
Elevation (m)	1525
Grid Section	30505

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-15
Date Completed	04-Jul-15
Capped	Y
Casing	4.57 meters
Drilled Units	feet (converted to meters)

Hole Objective: The objective of drill hole A-15-122 is to intersect the Cardiac Creek zone at the core of the deposit, infilling an open area between holes A-07-48, and A-08-65. Expand the high grade core of the deposit.

Comments: The magnetic declination for 2015 is 19.3 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	42	-64
32.00	46.7	-64.5
77.72	41.7	-64.1
123.44	41.2	-64.4
169.16	39.1	-63
217.93	38.8	-61.9
260.60	38.7	-61.1
306.32	39.1	-59.3
352.04	39	-58.2
397.76	37.3	-55.4
443.48	35.5	-51.3
489.20	34.3	-49.1
534.92	36.3	-47.5

Hole Summary: DDH-A-15-122 collared into soft, grey Akie Formation mudstone, which extended to a depth of 31.52m. After grading into a mudstone supported, fragmental unit that exhibited pulses of debris flow inter-bedded with black shale, the drill hole intersected gunsteel shale at 67.68m. Gunsteel shale was void of any mineralisation until 101.97m, where the presence of beds of fine grained, white, pyritic nodular barite became the dominant feature. These nodular barite intervals decreased in frequency downhole, but continued weakly through the next fragmental lithology to 122.19m. From 122.19 – 131.68m was a distinct hummocky siltstone, inter-bedded with mudstone, and labelled 4SS. From 137.3 – 336.5m the lithology is dominated by siliceous, black mudstone, few fragmental intervals, and an interval of distal, nodular barite mineralisation (From 203.65 – 217.63m)
Distal mineralisation, consisting of very fine grained, dull brown, laminar pyrite interbedded with white, soft, nodular barite is intersected at 336.5 – 367.24m , and at 439.48 – 467.87m.
Proximal mineralisation is intersected from 417.18 – 487.22m and it is composed of 1-30cm thick beds of dominantly very fine grained, dull brown laminar – bedded pyrite +/- rare bands of very fine grained, grey sphalerite.
Mineralized beds are intersected at 60 – 70 degrees to core axis.
The main Cardiac Creek zone occurs from 488.97 – 516.50 meters and is separated by 2.38 meters of black shale from 495.32 – 497.70m. Mineralisation is dominantly very fine grained, grey sphalerite, cream colored sphalerite and mottle textured quartz – carbonate – sphalerite – galena. Galena is very fine grained, and disseminated within grey sphalerite and mottled mineralization. Based on visual estimates sphalerite makes up 40% of the interval, pyrite 30%, and galena 10%. Mineralised beds are 1-70cm thick and are separated by shale beds that average 30cm in thickness.
From 516.5 – 520.2 meters is a footwall mineralisation zone composed of bedded – nodular barite, inter-bedded with dominantly pyrite, but also minor sphalerite and galena.
The hole terminated in calcareous siltstone of the Road River Group.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-122	0.00	4.57	4.57	Casing	Casing	CS		CS
A-15-122	4.57	18.09	13.52	Soft, grey mudstone	The drill hole collared into a light grey, moderately soft, very fine grained mudstone, containing a minor amount of very fine grained disseminated, brassy pyrite. The rock is easily scratched and produces a light grey scratch mark. Fractured surfaces have a waxy feel. Rusty, orange limonite is found on all fracture planes in this interval. Core is very broken-up at the top of the interval and it is likely that overburden actually extends to approximately 11m. From 10.72-11m is a clay seam. In competent rock there are a number of irregular, 3-6cm wide, blebs of carbinate and medium grained brassy pyrite.	3SH		AKF
A-15-122	18.09	31.52	13.43	Soft grey mudstone interbedded with siliceous black mudstone. Transitional contact to gunsteel	This interval is characterized by soft, light grey, very fine grained mudstone interbedded with black, moderately hard, very fine grained mudstone. It is interpretted to be a transitional facies between the Akie and Gunsteel mudstone. Siltstone interbeds are frequent throughout the interval. Rusty orange limonite is present on fracture planes in lower quatities than in previous intervals. Blebs of 2-10cm sized, brassy pyrite-carbonate occur sporadically throughout the interval. From 27.3 - 31.52m white quartz (90%) - carbonate veining is abundant. There is a small block of fragmental shale from 31.25 - 31.52m. Core varies between blocky and competent	3TS		AKF
A-15-122	31.52	31.80	0.28	Cherty	Very hard, very fine grained, dark grey chert containing very fine grained, disseminated, brassy pyrite. Fractures conchoidally.	4CSH		GSF
A-15-122	31.80	49.07	17.27	Mudstone interlaminated with disrupted clacareous silt laminations and beds	This interval is characterized by <1cm to 5cm laminae and beds of very fine to fine, grey to grey black silstone interbedded with a siliceous mudstone. The fine siltsone siltstone beds are commonly disrupted, elongated and microfaulted. Degree of disruption in areas is strong enough to impart an almost clastic/fragmental textures. highly attenuated silty blebs. Carbonate-pyrite blebs are sporadic in this interval. Very fine grained disseminated pyrite throughout mudstone matrix. Unit also contains scattered fine siltstone/pyrite laminae. Core is highly fractured with dominant cleavage oriented at 0-15. INTERP: This unit often found between Akie and Gunsteel formations in the NW corner of Akie mts. Faulted upper contact marks formational change to Akie Fm.	4DSS		GSF
A-15-122	49.07	49.51	0.44	Cherty shale	Very hard, very fine grained, dark grey chert interbedded with 0.5cm thick beds of very fine grained, black, extremely siliceous mudstone. Within the chert there are sub-mm sized, round, white calcareous nodules that are bedded with microcrystaline chert. In one mudstone bed there is very fine grained, dull brown laminar pyrite. Contacts, bedding and cleavage are parallel at 30 deg TCA	4CSH		GSF
A-15-122	49.51	67.68	18.17	Mudstone interlaminated with disrupted clacareous silt laminations and beds	This interval is characterized by <1cm to 5cm laminae and beds of very fine to fine, grey to grey black silstone interbedded with a siliceous mudstone. The fine siltsone siltstone beds are commonly disrupted, elongated and microfaulted. Degree of disruption in areas is strong enough to impart an almost clastic/fragmental textures. Carbonate-pyrite blebs are sporadic in this interval. May be a interbed of fragmental shale with coarse fragments of grye calcareous silt fragments from 54-57m. Very fine grained disseminated pyrite throughout mudstone matrix. Unit also contains scattered fine siltstone/pyrite laminae. Core is highly fractured with dominant cleavage oriented at 0-15. INTERP: This unit often found between Akie and Gunsteel formations in the NW corner of Akie mts.	4DSS		GSF
A-15-122	67.68	101.97	34.29	Black, siliceous shale	Black, very fine grained, siliceous, mudstone that contains abundant very fine grained, disseminated, brassy pyrite. Silt beds are common in the interval and are mm sized, and pyritic; oriented parallel to cleavage. A large portion of this interval is fault zone, and as such, the more competent core is poker chip style and well cleaved at 30 - 35 deg TCA. At 84.74m is one large, 40cm wide septarian concretion. Large fault from 75.28 - 91.44m.	4SH		GSF
A-15-122	101.97	108.87	6.90	Nodular barite beds interbedded with black shale	Black, very fine grained, siliceous mudstone containing very fine grained, brassy pyrite, interbedded with fine grained, white, nodular barite that has a pyritic core and has been partially replace by carbonate. The planar, mm thick nodular barite laminations are within beds varying in thickness from 2-30cm, seperated by 1 - 100cm thick shale beds, and they are oriented at 35 - 40 deg TCA. There are a number of mm thick, pyritic silt beds throughout this interval. Core is competent, blocky, and cleaved at 35 - 40 deg TCA. The lower contact is a sheared looking quartz-carbonate vein --> fault.	4BSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-122	108.87	122.19	13.32	Mudstone interlaminated with disrupted clacareous silt laminations and beds	This interval is characterized by <1cm to 5cm laminae and beds of very fine to fine, grey to grey black silstone interbedded with a siliceous mudstone. The fine siltsone siltstone beds are commonly disrupted, elongated and microfaulted. Degree of disruption and attenuation is less evident and laminations of silt is more consisted towards base of unit and underlying 4ss. Very fine grained disseminated pyrite throughout mudstone matrix. Unit also contains scattered fine siltstone/pyrite laminae. Core is highly fractured with dominant cleavage oriented at 0-15. INTERP: This unit often found between Akie and Gunsteel formations in the NW corner of Akie mts	4DSS	4BSH	GSF
A-15-122	122.19	131.68	9.49	Hummocky, siltstone interbedded with black mudstone	Humocky, lenticular - blebby, cm thick, grey siltstone interbedded with black, very fine grained siliceous mudstone. Both siltstone and mudstone beds contain very fine grained, disseminated, brassy pyrite. Siltstone beds are not calcareous. This interval is fault bounded and core is blocky.	4SS		GSF
A-15-122	131.68	137.30	5.62	Mudstone interlaminated with disrupted clacareous silt laminations and beds	This interval is characterized by <1cm to 5cm laminae and beds of very fine to fine, grey to grey black silstone interbedded with a siliceous mudstone. The fine siltsone siltstone beds are commonly disrupted, elongated and microfaulted. Degree of disruption in areas is strong enough to impart an almost clastic/fragmental textures. Carbonate-pyrite blebs are sporadic in this interval. Very fine grained disseminated pyrite throughout mudstone matrix. Unit also contains scattered fine siltstone/pyrite laminae. Core is highly fractured with dominant cleavage oriented at 0-15. Strongly faulted and gaugy lower contact with Gunsteel shale.	4DSS		GSF
A-15-122	137.30	166.12	28.82	Black, siliceous shale	Black, very fine grained, siliceous mudstone containing very fine grained, brassy pyrite. Pyritic siltstone beds are rare. There are two, large grey concretions from 147.37 - 148.43m and from 162.19 - 163.07m (pyritic, calcareous siltstone?). Smaller concretions can be found sporadically in this interval, generally in clusters of 10-30 and they are 0.2 -1 cm in size (see 164.5m). Core is blocky and well cleaved at 45 - 60 deg TCA.	4SH		GSF
A-15-122	166.12	167.08	0.96	Chert	Dark grey, very hard, microcrystalline chert that is highly fractured. On fracture planes a conchoidal fracture is evident. From 163.66 - 164.05m there is abundant quartz-carbonate veining and disseminated, coarse grained, cubic, brassy pyrite within the chert. Sharp lower contact at 35 deg TCA.	4CSH		GSF
A-15-122	167.08	183.52	16.44	Black, siliceous shale	Black, very fine grained, siliceous mudstone containing very fine grained, brassy pyrite. Pyritic siltstone beds are rare. Smaller concretions can be found sporadically in this interval, generally in clusters of 10-30 and they are 0.2 -1 cm in size (see 164.5m). Core is poker chip and well cleaved at 40 - 50 deg TCA.	4SH		GSF
A-15-122	183.52	185.25	1.73	Chert	Grey, very hard, microcrystalline chert bed containing fine grained, brassy pyrite disseminated throughout. There is abundant white quartz veining brecciating this interval. The upper contact is sharp, but the lower contact is gradational. It is possible this is a silicified interval of mudstone	4CSH		GSF
A-15-122	185.25	203.65	18.40	Black, siliceous shale	Black, very fine grained, silceous mudstone containing very fine grained, brassy, disseminated pyrite. There are a number of 0.5 - 10cm wide, light grey, hard, calcareous, pyritic siltstone beds scattered throughout the interval. Smaller concretions can be found sporadically in this interval, generally in clusters of 10-30 and they are 0.2 -1 cm in size. Core is poker chip and well cleaved at 40 - 50 deg TCA. Quartz - carbonate stringers are somewhat frequent from 198 - 203.65m, and are commonly oriented parallel to cleavage.	4SH		GSF
A-15-122	203.65	217.63	13.98	Nodular barite beds interbedded with black shale	Black, very fine grained, siliceous mudstone interbedded with beds containing laminations of fine grained, white, nodular barite that has pyritic cores. Nodular barite rich shale intervals vary from 1-43cm thick and are generally oriented at 40 - 60 deg TCA. Some nodular barite intervals also have very fine grained, disseminated, brassy pyrite beds associated. This is different than the dull brown pyrite associated with 4PYSH. There are a few 0.5 - 10cm wide, light grey, hard, calcareous, pyritic siltstone beds scattered throughout the interval. Core is poker chip and well cleaved at 40 - 50 deg TCA. Smaller concretions can be found sporadically in this interval, generally in clusters of 10-30 and they are 0.2 -1 cm in size. They are in 10cm thick beds.	4BSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-122	217.63	259.33	41.70	Fragmental shale unit interbedded with weak nodular barite bands	Beds of fragmental debris flow supported by a black mudstone matrix are interbedded with black, very fine grained mudstone and sporadic beds of nodular barite. The fragmental intervals are 7 - 30cm thick and contain sand to cobble sized, sub-angular to sub-rounded clasts of grey siltstone, mudstone, calcareous siltstone and rare limestone. Many clasts are calcareous and pyritic. Nodular barite is present in 5 - 10cm thick bands and occur approximately every 1 - 4 meters throughout the interval. There is often very fine grained, disseminated, brassy pyrite in bands associated with the nodular barite. Core is poker chip and well cleaved at 40 - 60 deg TCA. From 257.6 - 259.33m there is a debris flow with a distinct fining down trend. the clasts start at 2 - 4mm in size and grade to sub-mm size.	4FSH	4BSH	GSF
A-15-122	259.33	321.28	61.95	Black, siliceous shale	Black, very fine grained, siliceous mudstone containing very fine grained, brassy pyrite disseminated throughout. There is the occasional pyritic, cm sized, grey silt bed throughout. From 271.6 - 272.3m is a bed of calcareous, grey, pyritic siltstone. There are rare cm sized nodular barite beds, with minor laminar, brassy pyrite. There are rare sub-cm sized concretions in this interval. The core is generally competent and well cleaved. From 289 - 302m the core is again poker chip and well cleaved. The upper contact was gradational.	4SH	4BSH	GSF
A-15-122	321.28	323.09	1.81	Chert	Light grey, very hard, microcrystalline chert containing abundant quartz veining. The chert interval is located witin a fault and thus is rubbly for the last meter of the interval. The drilling has caused pitting on the competent core. Irregular upper contact at 90 deg TCA.	4CSH		GSF
A-15-122	323.09	336.50	13.41	Black, siliceous shale	Black, very fine grained, siliceous mudstone containing abundant very fine grained disseminated pyrite throughout. Rare large concretions. Core is blocky - poker chip and well-cleaved. There are occasional pyritic silt beds.	4SH		GSF
A-15-122	336.50	367.24	30.74	Black, siliceous shale interbedded with laminar pyrite and nodular barite	Black, very fine grained, siliceous mudstone containing fine grained disseminated, brassy pyrite. The mudstone is interbedded with distal mineralization composed of off-white, fine - medium grained, pyritic, nodular barite interlaminated with very fine grained, dull brown, laminar pyrite. The laminations are weakly crenulated and occasionally folded. Sub-cm sized, round, grey, calcareous concretions are common within mineralized beds. Mineralized beds are 3 - 60cm wide and are seperated by 1 - 3m of black shale. Within the shale intervals there are a minor amount of concretions and they are 1-3cm wide. Mineralized beds generally thin towards the lower contact. The lower contact is gradational with mineralized beds slowly dying out over the last 5m.	4PYSH		GSF
A-15-122	367.24	368.05	0.81	Cherty shale	Medium grey, very hard, very fine grained cherty shale interval that contains disseminated, very fine grained, brassy pyrite. The upper contact is sharp, irregular and generally oriented at 35 deg TCA. There is a high concentration of white quartz - carbonate stringers/ veinlets randomly oriented throughout this interval.	4CSH		GSF
A-15-122	368.05	388.15	20.10	Black, siliceous shale	Black, very fine grained, moderately siliceous mudstone, containing abundant very fine grained, disseminated, brassy pyrite. Core is competent and generally cleaved at 30 - 45 deg TCA.Silt beds are rare in this interval. At the bottom of this interval from 385.5 - 388.14m is an interval where there are a few laminations of white, coarse grained nodular barite with pyritic cores.	4SH		GSF
A-15-122	388.15	392.15	4.00	Cherty shale	Light grey, very hard, very fine grained cherty shale interval containing abundant fine grained disseminated, brassy pyrite. Randomly oriented, fracture infilling, white quartz - carbonate stringers are very abundant in this interval. The rock fractures conchoidally. The lower contact is gradational from approximately 390.75 - 392.15m.	4CSH		GSF
A-15-122	392.15	439.48	47.33	Black siliceous shale	Black, very fine grained, moderately siliceous mudstone, containing abundant very fine grained, disseminated, brassy pyrite. Core is competent and generally cleaved at 40 deg TCA. Silt beds are rare in this interval. There are rare 15 - 25cm wide, round concrations in this interval. From 437.97 - 438.19m there is a light grey, very hard, quartz - carb vein rich, chert bed with irregular contacts with the surrounding shale.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-122	439.48	467.87	28.39	Thin beds of laminar pyrite and nodular barite interbedded with black shale	Black, siliceous, very fine grained, mudstone interbedded with thin beds of distal mineralization. The mineralization consists of 1-10cm thick beds composed dominantly of dull brown, very fine grained, laminar pyrite interlaminated with fine grained, off white, nodular barite that has brassy pyrite cores. Sub-cm sized, grey concretions occur frequently within the mineralization; concretions have pressure shadows and cause laminations to bend around them. The mineralized beds are oriented at 40 - 50 deg TCA and are commonly seperated by 60 - 150cm wide beds of black shale. Thin beds can be seperated by as little as 1cm, but also as much as 3m. From 467.03 - 467.26m is a quartz - carbonate vein zone containing brecciated laminar/bedded pyrite. From 467.26 - 467.87m is a bedded sulphide zone comprised of 60% laminar, dull brown pyrite with minor very fine grained nodular barite INTERP: a small portion of MPSH?? This is followed by a ~3m wide shale interbed before getting into MPSH.	4PYSH		GSF
A-15-122	467.87	471.18	3.31	Black siliceous shale	Black, siliceous, very fine grained, mudstone containing abundant disseminated, very fine grained, brassy pyrite. Core is competent and cleaved at 30 deg TCA. Concretions are rare; up to 5cm in diameter.	4SH		GSF
A-15-122	471.18	487.22	16.04	Moderately thick beds of laminar pyrite, minor nodular barite +/- laminar sphalerite interbedded with mudstone	This inteval is characterized by frequent, moderately thick mineralized beds interbedded with very fine grained, siliceous, black mudstone. Mineralization is dominantly composed of very fine grained, dull brown, laminar pyrite with minor very fine grained, off-white nodular barite with pyritic cores. Grey, very fine grained, sub-cm thick bands of laminar sphalerite gradually increase in frequency within mineralized beds downhole. Irregular shaped, rounded, dark grey, granular fragments (0.5-2cm in size) occur infrequently and are not ubiquitous to all mineralized beds. Mineralized beds are planar, vary in thickness from 1-30cm, and are generally oriented at 60 - 70 deg TCA. They are seperated by shale interbeds that are 0.5 - 150cm thick. From 484.52 - 484.83m is a medium grey, densely vein fractured chert with irregular contacts. The uphole contact of the chert is in contact with a sulphide bed.	4MPSH		GSF
A-15-122	487.22	488.97	1.75	Black siliceous shale	Black, siliceous, very fine grained, mudstone containing abundant disseminated, very fine grained, brassy pyrite. Core is competent and cleaved at 45 - 55 deg TCA. There are a number of sub-cm sized concretions in this thin shale interbed. Near the upper contact there are occasional onlong shaped, 1cm wide, pyrite blebs.	4SH		GSF
A-15-122	488.97	495.32	6.35	Cardiac Creek zone	This interval of the cardiac creek horizon is characterized by 1-40cm thick mineralized beds of pyrite-sphalerite-galena-quartz-carbonate. The pyrite is very fine grained, dull brown, laminar - bedded, in intervals of 0.2- 4cm in thickness. Pyrite makes up 30% of the mineralization. The sphalerite mineralization is very fine grained grey and laminar, but also is frequently mottled with grey quartz carbonate. The mottled bands are grey-cream colored and have fine grained, sub-mm to 2mm sized quartz-carbonate blebe. Galena mineralization if fine grained, silvery-blue and associated dominantly witht the mottled quartz-carbonate bands. It is also commonly observed in the pressure shadows of fragments and along fragment margins. Sphalerite makes up the 50-60% of the mineralized beds and galena makes up 3-5%. Fragments are often irregular, sub-angular to sub-rounded, very fine grained, light grey, 0.5-10cm wide, and well banded. They are found only within the mineralized beds and are often associated with the laminatr/mottled sphalerite mineralization. Rarely are they found within a band of laminar pyrite.	4CC		GSF
					Shale interbeds are 0.5-40cm thick and are on average up to 10cm thick. Sulphide mineralization is generally planar - weakly crenulated at 65 - 70 deg TCA.			
A-15-122	495.32	497.70	2.38	Black siliceous shale	Black, siliceous, very fine grained mudstone containing abundant very fine grained disseminated, brassy pyrite. There is one calcareous, pyritic silt bed at the bottom of the interval. Core is competent and cleaved at 30 deg TCA.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-122	497.70	516.50	18.80	Cardiac Creek zone	This interval of cardiac creek mineralization is similar to the previous interval, but the most obvious differences are a smaller quantity of pyrite, increased cream colored sphalerite mineralization and beds in this interval are strongly crenulated. Mineralization is dominantly very fine grained, grey and cream colored sphalerite present in laminar - mottled bands. The mottling is fine to coarse grained, irregular, blebby, grey quartz-carbonate surrounded by grey - cream colored sphalerite. Fine grained galena is found in the margins of these blebs within the mottled bands, and in the margins and pressure shadows of fragments. From 502.59 - 502.72m is an interval of shale containing blebs of barite (?) that have been partially replaced by galena and pyrite. Mineralized beds are 1-60cm thick, oriented at 60-70 deg TCA. They are separated by 1-70cm thick, black mudstone intervals (one large bed from 512.2 - 513.84m). On average, shale interbeds are 10-20cm thick. Fragments occur frequently within the mineralization and are irregular shaped, sub-angular to sub-rounded, 0.5-8cm wide, granular, and well-bedded.	4CC		GSF
					From 498.45-498.65m is an interval of quartz-carbonate flooding internixed with ductily deformen mudstone. From 513.5 - 516.5m the cream mottled sphalerite is no longer present and grey sphalerite content slowly decreases in frequency. There is one rare, bedded, off-white, cm sized, massive barite bed at 509.78m. The lower contact is sharp with a 10cm wide fault composed of quartz-carbonate veining and ductily deformed mudstone.			
A-15-122	516.50	520.20	3.70	Bedded, massive barite interbedded with cardiac creek mineralization	This interval is characterized by barite interbedded with sulphide mineralization. Barite is massive, off-white to grey, and transitions from massive to nodular to lathe-like by the end of the interval. It is interbedded dominantly with dull brown, very fine grained pyrite and lesser grey, very fine grained sphalerite. Fine grained galena occurs in very thin laminations within bedded barite and grey sphalerite. Bedded barite occurs from 516.5 - 519.3m, as does sphalerite and galena mineralisation. Nodular barite occurs interbedded with dull brown pyrite from 519.3 - 519.95m, and transitions to lathe-like crystals and glomerocrysts of barite from 519.95 - 520.2m. Fragments (0.5-3cm wide) as described in the previous interval frequently occur within the mineralized beds, again, often associated with the sphalerite and galena rich bands.	4MBSH	4CC	GSF
A-15-122	520.20	521.20	1.00	Debris Flow?	Mudstone matrix supported weakly developed debris flow that grades into road river group rocks. Clasts are composed of well rounded limestone (?) and calcareous siltstone fragments. Fine grained, brassy pyrite is disseminated throughout the interval. The lower contact is gradational with clasts disappearing and mudstone becoming siltstone.	5BXLS		PRF
A-15-122	521.20	553.21	32.01	Road River siltstone	Fine grained, medium grey siltstone interbedded with light grey, calcareous siltstone interbeds. Fine grained pyrite blebs are common within the entire interval. Occassional siltstone clasts are present. There are occasional 5-10cm thick mudstone beds throughout.	6CSS		RRG

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-122	101.97	108.87	6.9	Fine grained, white nodular barite with pyritic cores in mm thick laminations within beds varying in thickness from 2-30cm, seperated by 1 - 100cm thick shale beds, and they are oriented at 35 - 40 deg TCA.	4			7		
A-15-122	108.87	122.19	13.32	Fine grained, white nodular barite with pyritic cores in mm thick laminations within beds varying in thickness from 10-80cm, seperated by shale beds, and fragmental beds.	2			4		
A-15-122	203.65	217.63	13.98	Beds contain laminations of fine grained, white, nodular barite that has pyritic cores. Nodular barite rich shale intervals vary from 1-43cm thick and are generally oriented at 40 - 60 deg TCA.	4			7		
A-15-122	217.63	259.53	41.9	Nodular barite is present in 5 - 10cm thick bands and occur approximately every 1 - 4 meters throughout the interval.	tr			1		
A-15-122	259.53	321.28	61.75	Rare nodular barite beds that are less than 10cm wide.	tr			tr		
A-15-122	336.50	367.24	30.74	Mineralization is off-white colored, fine to medium grained, nodular barite with brassy pyritic cores, interbedded with very fine grained, dull brown - brassy, laminar pyrite. Mineralized beds are 3-60% wide, oriented at 60 - 110 deg TCA and make up 10% of the interval.	4			2		
A-15-122	439.48	467.87	28.39	1-10cm thick mineralized beds composed of very fine grained, dull brown, laminar pyrite, interlaminated with fine grained, off white colored, nodular barite with brassy pyrite cores. Pyrite is present in a 2:1 ratio with barite in the mineralized beds and mineralization is infrequent and classified as distal.	0.5			0.25		
A-15-122	471.18	487.22	16.04	Mineralization is dominantly composed of very fine grained, dull brown, laminar pyrite with minor very fine grained, off-white nodular barite with pyritic cores. Grey, very fine grained, sub-cm thick bands of laminar sphalerite gradually increase in frequency within mineralized beds downhole. Mineralized beds are planar, vary in thickness from 1-30cm, and are generally oriented at 60 - 70 deg TCA.	25	3		5		
A-15-122	489.97	495.32	5.35	Thick beds composed of planar - weakly crenulated sulphide mineralisation at 65-75 ged TCA. Sulphide mineralization is composed of dull brown, very fine grained, laminar pyrite; grey, very fine grained, laminar sphalerite, quartz-carbonate, mottled sphalerite +/- fine grained, silvery blue galena mineralization. Fragments are commonly associated with mineralized beds	25	40	10			
A-15-122	497.70	516.50	18.8	Thick beds of crenulated laminar - bedded sulphide mineralization composed dominantly of light grey, very fine grained sphalerite bands and grey - cream colored, mottled, quartz-carbonate, sphalerite +/- galena bands. There is a minor amount of laminar, dull brown, very fine grained pyrite banding. Mineralized beds are oriented at 60-70 deg TCA and contain fragments	10	40	10	0.01		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-122	516.50	520.20	3.7	Soft, off-white to grey colored, massive bedded barite, nodular barite, and lathe-like barite interbedded with dull brown, very fine grained laminar pyrite, grey very fine grained sphalerite and mottle (rare) quartz-carbonate-sphalerite-galena. Additional fine grained, silvery blue galena was disseminated and laminated within massive barite beds	20	10	5	20		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-122	27	31.25	4.25	White, hard, vuggy quartz (90%) - carbonate vein swarm containing irregular, angular fragments of mudstone. Veins pinch to sub-cm size and swell up to core width. Vein orientation is irregular.	15	
A-15-122	37.2	52	14.8	Sporadic, randomly oriented quartz - carbonate stringers and veinlets that contain an UNKNOWN MINERAL. The mineral observed is dark grey, metallic, moderately hard, medium grained, with a bladed + rectangular prism + hexagonal crystal habit and is not magnetic. --> Sphalerite. It is abundant throughout the veins, making up 50% of the vein material and occurring throughout the 15m interval in almost every quartz carbonate vein	2	
A-15-122	108.72	108.87	0.15	white, quartz-carb +/- pyrite sheeted veinlets, intermixed with ductile deformed mudstone. Fault	50	40
A-15-122	133.55	135.64	2.09	white-grey quartz carbonate flooding of host rock. Vening contains angular fragments of mudstone within. Some of the vein is very broken and fracture surfaces are polished and graphitic. The upper 10cm of the vein is sheeted like the previously described veining interval	60	70
A-15-122	144.93	146.84	1.91	White - grey quartz carbonate crackle brecciation of mudstone. The upper and lower 10cm of the interval are dominantly vein material with small, angular fragments within	25	45
A-15-122	183.52	185.06	1.54	Randomly oriented, white quartz +/- carbonate veining that has brecciated a chert interval. No sulphide noted	40	
A-15-122	198.15	198.28	0.13	white-grey quartz carbonate crackle brecciation of mudstone. Minor fine grained pyrite. Rock fragments within the veining are light grey and strongly silicified, similar in appearance to chert intervals	60	60
A-15-122	198.95	199.27	0.32	white-grey quartz carbonate crackle brecciation of mudstone. Minor fine grained pyrite. Rock fragments within the veining are light grey and strongly silicified, similar in appearance to chert intervals	60	60
A-15-122	217.93	218.1	0.17	white-grey quartz carbonate crackle brecciation of mudstone. Minor fine grained pyrite. Rock fragments within the veining are light grey and strongly silicified, similar in appearance to chert intervals	80	65
A-15-122	278.25	282.1	3.85	A zone of mudstone where white quartz-carbonate +/- medium grained, brassy pyrite stringers - veins are commonly oriented parallel to cleavage at 50 deg TCA.	10	50
A-15-122	287.77	287.97	0.2	This vein is composed of 90% quartz and 10% carbonate. It contains trace, medium grained pyrite and abundant, angular mudston fragments that vary in size from sand - pebble size.	90	35
A-15-122	315	315.22	0.22	This vein is composed of 90% quartz and 10% carbonate. It contains trace, medium grained pyrite and abundant, angular mudston fragments that vary in size from sand - pebble size.	85	70
A-15-122	321.28	321.66	0.38	Randomly oriented white quartz veinlets and veins within a chert interval. Veining ends at the upper contact with mudstone	50	
A-15-122	367.24	368.05	0.81	white, randomly oriented quartz-carb stringers associated with 4CSH unit. Veins are cut off at contact with mudstone	10	
A-15-122	388.15	392.15	4	white, randomly oriented, fracture infill quartz-carb stringers associated with 4CSH unit.	10	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-122	467.03	467.26	0.23	white, randomly oriented, fracture infill quartz-carb stringers associated with 4CSH unit.	40	
A-15-122	454.3	455.9	1.6	This interval has abundant white-grey quartz (80%) - carbonate (20%) veining. Many stringers are oriented parallel to cleavage 20-40 deg TCA. From 454.9 - 455.3m is an interval that is strongly silicified and the veining is irregular and swirly, suggesting the rock was a fault. There is a 10cm wide zone within this area that looks like a fault breccia	20	
A-15-122	467.03	467.26	0.23	Grey quartz (90%) - carbonate (10%) fault breccia containing angular chunks of mudstone and angular chunks of laminar pyrite. The upper 9cm is a white carbonate vein oriented at 80 deg TCA. INTERP: part of the vein zone that typically preceeds mineralization??	15	85
A-15-122	498.45	498.65	0.2	Grey quartz (90%) - white carbonate (10%) crenulated, brecciated vein zone with ductile deformed mudstone and angular mudstone clasts	50	90
A-15-122	516.4	516.5	0.1	quartz-carbonate healed fault with ductile mudstone clasts	50	80

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	12.95	12.96	0.01	cleavage	CLV	40
A-15-122	13.87	13.88	0.01	silty mudstone	BDG	30
A-15-122	16.17	16.18	0.01	cleavage	CLV	20
A-15-122	17.11	17.12	0.01	cleavage	CLV	20
A-15-122	18.2	18.21	0.01	silty mudstone	BDG	30
A-15-122	19.34	19.35	0.01	silty mudstone	BDG	15
A-15-122	20.45	20.46	0.01	silty mudstone	BDG	20
A-15-122	21.89	21.9	0.01	cleavage	CLV	30
A-15-122	22.56	22.57	0.01	cleavage	CLV	25
A-15-122	23.21	23.22	0.01	cleavage	CLV	25
A-15-122	25.58	25.59	0.01	silty mudstone	BDG	15
A-15-122	31.36	31.37	0.01	cleavage	CLV	45
A-15-122	32	36.35	4.35	broken core with a few polished fracture planes	FLT	
A-15-122	36.7	36.71	0.01	flow bedding in the debris flow	BDG	30
A-15-122	37.3	37.31	0.01	cleavage	CLV	25
A-15-122	41.65	41.66	0.01	cleavage	CLV	25
A-15-122	42.85	42.86	0.01	cleavage	CLV	35
A-15-122	45.9	45.91	0.01	cleavage	CLV	35
A-15-122	47.88	47.89	0.01	cleavage	CLV	35
A-15-122	48.95	48.96	0.01	cleavage	CLV	45
A-15-122	49.4	49.41	0.01	mm scale calcite nodules bedded in chert	BDG	35
A-15-122	49.42	49.43	0.01	cleavage	CLV	35
A-15-122	51.58	51.59	0.01	cleavage	CLV	30
A-15-122	52.88	52.89	0.01	cleavage	CLV	30
A-15-122	54.58	54.59	0.01	cleavage	CLV	35
A-15-122	55.56	55.57	0.01	cleavage	CLV	30
A-15-122	57.92	57.93	0.01	cleavage	CLV	35
A-15-122	58.95	58.96	0.01	cleavage	CLV	30
A-15-122	61.36	61.37	0.01	cleavage	CLV	30
A-15-122	62.13	62.14	0.01	cleavage	CLV	35
A-15-122	64.9	64.91	0.01	cleavage	CLV	25
A-15-122	66.35	66.36	0.01	cleavage	CLV	30
A-15-122	66.97	66.98	0.01	cleavage	CLV	35
A-15-122	67.68	70.22	2.54	extremely broken, rubbly core	FLT	
A-15-122	70.64	70.65	0.01	cleavage	CLV	30
A-15-122	70.8	70.81	0.01	pyritic silt bed	BDG	35
A-15-122	71.63	71.64	0.01	cleavage	CLV	35
A-15-122	72.65	72.66	0.01	pyritic silt bed	BDG	35

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	75.28	91.44	16.16	large fault zone characterized by extremely rubbly, ground-up, angular rock fragments, mixed with abundant gouge and a few poker chip rock fragment. Within the zone there a few places where gouge has stuck to a fracture plane, giving a sense of fault orientation TCA. Many fracture planes are polished, but it is impossible to tell a sense of motion	FLT	35
A-15-122	91.59	91.6	0.01	cleavage	CLV	30
A-15-122	93.39	93.4	0.01	pyritic silt bed	BDG	30
A-15-122	94.21	94.22	0.01	cleavage	CLV	30
A-15-122	94.9	94.91	0.01	cleavage	CLV	30
A-15-122	95.34	95.35	0.01	pyritic silt bed	BDG	35
A-15-122	97.64	97.65	0.01	pyritic silt bed	BDG	40
A-15-122	97.66	97.67	0.01	cleavage	CLV	30
A-15-122	99.18	99.19	0.01	cleavage	CLV	40
A-15-122	101.4	101.41	0.01	cleavage	CLV	30
A-15-122	102.4	102.41	0.01	nodular barite	BDG	45
A-15-122	102.77	102.78	0.01	cleavage	CLV	35
A-15-122	103.4	103.41	0.01	nodular barite	BDG	40
A-15-122	104.8	104.81	0.01	cleavage	CLV	35
A-15-122	105.37	105.38	0.01	cleavage	CLV	35
A-15-122	106.49	106.5	0.01	nodular barite	BDG	45
A-15-122	106.68	106.69	0.01	cleavage	CLV	40
A-15-122	107.08	107.09	0.01	nodular barite	BDG	45
A-15-122	107.71	107.72	0.01	nodular barite	BDG	40
A-15-122	109.73	109.74	0.01	cleavage	CLV	45
A-15-122	110.72	110.73	0.01	silt	BDG	40
A-15-122	111.95	111.96	0.01	cleavage	CLV	55
A-15-122	112.69	112.7	0.01	silt	BDG	50
A-15-122	113.75	113.76	0.01	silt	BDG	45
A-15-122	114.49	114.5	0.01	cleavage	CLV	50
A-15-122	115.43	115.44	0.01	nodular barite	BDG	45
A-15-122	116.62	116.62	0	nodular barite	BDG	55
A-15-122	117.48	117.49	0.01	cleavage	CLV	50
A-15-122	117.73	117.74	0.01	pyritic silt bed	BDG	50
A-15-122	119.33	119.34	0.01	pyritic silt bed	BDG	65
A-15-122	119.9	119.91	0.01	cleavage	CLV	65
A-15-122	122.19	124.3	2.11	broken and rubbly core with a minor amount of gouge. Fault orientation unknown	FLT	
A-15-122	125.81	125.82	0.01	hummocky silt bed	BDG	65
A-15-122	128.2	128.21	0.01	hummocky silt bed	BDG	65
A-15-122	128.7	128.71	0.01	cleavage	CLV	55
A-15-122	130.29	130.3	0.01	hummocky silt bed	BDG	65
A-15-122	131.32	131.87	0.55	rubblem gouge, broken core	FLT	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	131.97	131.98	0.01	hummocky silt bed	BDG	65
A-15-122	132.03	132.04	0.01	cleavage	CLV	55
A-15-122	132.55	135.64	3.09	The upper 50cm is characterized by broken, rubbly, poker chip core with minor gouge. Many fracture planes are graphitic and polished. The remainder of the interval is composed of quartz - carbonate flooding and broken, rubbly core	FLT	60
A-15-122	137.78	137.79	0.01	cleavage	CLV	40
A-15-122	139	139.01	0.01	cleavage	CLV	40
A-15-122	140.67	140.68	0.01	cleavage	CLV	30
A-15-122	143.09	143.1	0.01	cleavage	CLV	45
A-15-122	143.98	144.61	0.63	Abundant, small, angular rubble and a minor amount of gouge. Polished fracture planes	FLT	50
A-15-122	147.41	147.42	0.01	cleavage	CLV	40
A-15-122	151.67	151.68	0.01	cleavage	CLV	60
A-15-122	153.63	153.88	0.25	10cm of consolidated gouge with rubble that is polished and graphitic.	FLT	50
A-15-122	154.5	154.51	0.01	cleavage	CLV	55
A-15-122	154.94	154.95	0.01	pyritic silt bed	BDG	60
A-15-122	155.12	155.17	0.05	fault gouge	FLT	60
A-15-122	157.85	157.86	0.01	cleavage	CLV	60
A-15-122	158.86	158.87	0.01	cleavage	CLV	60
A-15-122	159.75	159.76	0.01	cleavage	CLV	65
A-15-122	160.52	160.53	0.01	pyritic silt bed	BDG	65
A-15-122	161.6	161.75	0.15	graphitic, polished, angular, poker chip rubble	FLT	50
A-15-122	162	162.01	0.01	pyritic silt bed	BDG	60
A-15-122	162.85	162.86	0.01	cleavage	CLV	50
A-15-122	163.81	163.82	0.01	cleavage	CLV	60
A-15-122	167.08	167.09	0.01	chert bed	BDG	30
A-15-122	167.09	167.35	0.26	The upper 5cm of the fault is quartz-carbonate healed gouge with a polished fracture plane shoing slickensides that suggest horizontal movement. The rest of the fault is composed of broken, rubbly, polished core chunks	FLT	30
A-15-122	168.7	168.71	0.01	cleavage	CLV	50
A-15-122	170.25	170.26	0.01	pyritic silt bed	BDG	35
A-15-122	170.88	170.89	0.01	cleavage	CLV	45
A-15-122	171.59	171.6	0.01	cleavage	CLV	50
A-15-122	171.65	171.66	0.01	pyritic silt bed	BDG	50
A-15-122	174.4	174.41	0.01	pyritic silt bed	BDG	55
A-15-122	174.65	174.66	0.01	cleavage	CLV	50
A-15-122	175.5	175.51	0.01	cleavage	CLV	40
A-15-122	178.31	178.32	0.01	cleavage	CLV	40
A-15-122	179.88	179.89	0.01	pyritic silt bed	BDG	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	180.3	180.31	0.01	cleavage	CLV	45
A-15-122	181.36	181.37	0.01	cleavage	CLV	40
A-15-122	182.77	182.78	0.01	cleavage	CLV	40
A-15-122	185.51	185.52	0.01	pyritic silt bed	BDG	50
A-15-122	187.04	187.05	0.01	cleavage	CLV	45
A-15-122	189.32	189.33	0.01	cleavage	CLV	55
A-15-122	189.46	189.47	0.01	pyritic silt bed	BDG	55
A-15-122	190.57	190.58	0.01	pyritic silt bed	BDG	60
A-15-122	191.8	191.81	0.01	cleavage	CLV	55
A-15-122	192.06	192.07	0.01	calcareous silt bed	BDG	55
A-15-122	193.6	193.61	0.01	cleavage	CLV	50
A-15-122	193.65	193.66	0.01	pyritic silt bed	BDG	50
A-15-122	195.28	195.29	0.01	cleavage	CLV	50
A-15-122	198.37	198.38	0.01	nodular barite	BDG	60
A-15-122	198.49	198.5	0.01	cleavage	CLV	45
A-15-122	199.62	199.63	0.01	pyritic silt bed	BDG	50
A-15-122	200.62	200.63	0.01	cleavage	CLV	50
A-15-122	202.94	202.95	0.01	narrow chert band	BDG	65
A-15-122	203.09	203.1	0.01	cleavage	CLV	55
A-15-122	204.15	204.16	0.01	pyritic silt bed	BDG	60
A-15-122	205.1	205.11	0.01	cleavage	CLV	60
A-15-122	206.4	206.41	0.01	nodular barite	BDG	50
A-15-122	206.71	206.72	0.01	nodular barite	BDG	40
A-15-122	207.07	207.08	0.01	cleavage	CLV	55
A-15-122	207.54	207.55	0.01	nodular barite	BDG	140
A-15-122	207.64	207.65	0.01	nodular barite	BDG	110
A-15-122	207.83	207.84	0.01	nodular barite	BDG	90
A-15-122	208.73	208.74	0.01	cleavage	CLV	55
A-15-122	209.79	209.8	0.01	nodular barite	BDG	60
A-15-122	210.71	210.72	0.01	tight nodular barite fold axis pointing downhole	FA	40
A-15-122	211.78	211.79	0.01	cleavage	CLV	30
A-15-122	212.96	213.14	0.18	rubbly graphitic core	FLT	
A-15-122	214.41	214.42	0.01	chert bed	BDG	40
A-15-122	215.03	215.04	0.01	nodular barite	BDG	45
A-15-122	215.11	215.12	0.01	cleavage	CLV	50
A-15-122	216.91	216.92	0.01	cleavage	CLV	50
A-15-122	218.26	218.27	0.01	cleavage	CLV	45
A-15-122	218.9	218.91	0.01	nodular barite	BDG	50
A-15-122	220.59	220.6	0.01	cleavage	CLV	50
A-15-122	222.56	222.57	0.01	cleavage	CLV	50
A-15-122	223.92	223.93	0.01	nodular barite	BDG	55
A-15-122	225.11	225.12	0.01	cleavage	CLV	50
A-15-122	225.67	225.68	0.01	pyritic silt bed	BDG	60
A-15-122	227.27	227.28	0.01	cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	227.98	227.99	0.01	nodular barite	BDG	40
A-15-122	228.89	228.9	0.01	cleavage	CLV	45
A-15-122	229.19	229.2	0.01	nodular barite	BDG	55
A-15-122	231.07	231.08	0.01	cleavage	CLV	60
A-15-122	232.44	232.45	0.01	nodular barite	BDG	50
A-15-122	233.43	233.44	0.01	pyritic silt bed	BDG	55
A-15-122	233.86	233.87	0.01	cleavage	CLV	45
A-15-122	234.28	234.29	0.01	fold axis pointing downhole	FA	50
A-15-122	235.22	235.23	0.01	nodular barite	BDG	55
A-15-122	236.95	236.96	0.01	cleavage	CLV	50
A-15-122	237.83	237.84	0.01	cleavage	CLV	50
A-15-122	238.1	238.11	0.01	nodular barite	BDG	45
A-15-122	238.85	238.86	0.01	pyritic silt bed	BDG	60
A-15-122	238.96	238.97	0.01	z-fold pointing downhole	FA-Z	55
A-15-122	240.03	240.04	0.01	cleavage	CLV	45
A-15-122	241.3	241.31	0.01	cleavage	CLV	50
A-15-122	242.07	242.08	0.01	nodular barite	BDG	65
A-15-122	242.94	242.95	0.01	nodular barite	BDG	40
A-15-122	244.13	244.14	0.01	cleavage	CLV	45
A-15-122	246.08	246.09	0.01	nodular barite	BDG	50
A-15-122	246.71	247	0.29	fault gouge and extremely ground up core	FLT	
A-15-122	248.1	248.11	0.01	cleavage	CLV	55
A-15-122	249.19	249.2	0.01	nodular barite	BDG	50
A-15-122	250.96	250.97	0.01	cleavage	CLV	50
A-15-122	252.54	252.55	0.01	cleavage	CLV	40
A-15-122	254.05	254.06	0.01	cleavage	CLV	55
A-15-122	255.29	255.3	0.01	nodular barite	BDG	45
A-15-122	256.5	256.51	0.01	cleavage	CLV	45
A-15-122	257.56	257.57	0.01	silt bed	BDG	40
A-15-122	260.79	260.8	0.01	cleavage	CLV	50
A-15-122	262.65	262.66	0.01	cleavage	CLV	55
A-15-122	264.34	264.35	0.01	cleavage	CLV	60
A-15-122	266.82	266.83	0.01	cleavage	CLV	45
A-15-122	269.68	269.69	0.01	cleavage	CLV	50
A-15-122	272.29	272.3	0.01	calcareous silt bed	BDG	45
A-15-122	272.45	272.46	0.01	cleavage	CLV	50
A-15-122	274.92	274.93	0.01	cleavage	CLV	40
A-15-122	277.23	277.24	0.01	cleavage	CLV	50
A-15-122	278.89	278.9	0.01	cleavage	CLV	50
A-15-122	280.91	280.92	0.01	cleavage	CLV	50
A-15-122	282.76	282.77	0.01	cleavage	CLV	55
A-15-122	284.57	284.58	0.01	pyritic silt bed	BDG	60
A-15-122	285.38	285.39	0.01	cleavage	CLV	60
A-15-122	285.51	285.52	0.01	pyritic silt bed	BDG	65

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	288.35	288.36	0.01	cleavage	CLV	40
A-15-122	289.94	289.95	0.01	cleavage	CLV	50
A-15-122	292.51	292.52	0.01	cleavage	CLV	50
A-15-122	294.87	294.88	0.01	cleavage	CLV	60
A-15-122	295.05	297.18	2.13	Very broken, angular core is the dominant characteristic of this fault zone. There is also 40cm of consolidated gouge near the upper contact of the fault. Some core fragments have fracture planes with polished, graphitic sheens. On either side of the fault zone the core is poker chip	FLT	80
A-15-122	298.42	298.43	0.01	cleavage	CLV	55
A-15-122	298.52	298.53	0.01	nodular barite	BDG	60
A-15-122	300.09	300.1	0.01	cleavage	CLV	50
A-15-122	301.77	301.78	0.01	nodular barite	BDG	75
A-15-122	303.74	303.75	0.01	cleavage	CLV	55
A-15-122	304.41	304.42	0.01	pyritic silt bed	BDG	60
A-15-122	306.76	306.77	0.01	cleavage	CLV	50
A-15-122	309.1	309.11	0.01	cleavage	CLV	50
A-15-122	311.2	311.21	0.01	disseminated pyrite laminations	BDG	150
A-15-122	311.35	311.36	0.01	cleavage	CLV	50
A-15-122	313.21	313.22	0.01	cleavage	CLV	45
A-15-122	314.58	314.59	0.01	cleavage	CLV	50
A-15-122	316.93	316.94	0.01	cleavage	CLV	45
A-15-122	317.12	317.13	0.01	disseminated pyrite laminations	BDG	0
A-15-122	319.92	319.93	0.01	cleavage	CLV	60
A-15-122	320.48	323.9	3.42	rubbly core with polished graphitic fractures. The fault zone contains the chert interval. Part of the chert is rubbly core	FLT	
A-15-122	324.24	324.25	0.01	cleavage	CLV	40
A-15-122	326.03	326.04	0.01	cleavage	CLV	55
A-15-122	327.97	327.98	0.01	cleavage	CLV	45
A-15-122	329.6	334.5	4.9	Fault zone characterized by rubbly, poker chip core that has been crushed into thin angular fragments. Some fracture planes are polished and graphitic. There are a few zones of 10cm wide consolidated gouge	FLT	65
A-15-122	335.1	335.11	0.01	cleavage	CLV	45
A-15-122	336.86	336.87	0.01	laminar pyrite	BDG	85
A-15-122	337.31	337.32	0.01	cleavage	CLV	30
A-15-122	338.85	338.86	0.01	cleavage	CLV	30
A-15-122	339.48	339.49	0.01	nodular barite	BDG	60
A-15-122	340.96	340.97	0.01	cleavage	CLV	35
A-15-122	343.23	343.24	0.01	laminar pyrite	BDG	70
A-15-122	343.32	343.33	0.01	cleavage	CLV	35

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	343.88	343.89	0.01	laminar pyrite	BDG	65
A-15-122	344.78	345.95	1.17	Abundant, angular rubbly core with a minor amount of gouge. No movement direction observed. Minor quartz - carbonate veining associated with fault	FLT	
A-15-122	346.82	346.83	0.01	cleavage	CLV	40
A-15-122	348.45	348.46	0.01	nodular barite	BDG	80
A-15-122	349.07	349.08	0.01	laminar pyrite	BDG	75
A-15-122	349.94	349.95	0.01	laminar pyrite	BDG	75
A-15-122	350.35	350.36	0.01	cleavage	CLV	40
A-15-122	351.08	351.09	0.01	cleavage	CLV	20
A-15-122	352.94	352.95	0.01	nodular barite	BDG	80
A-15-122	353.13	353.14	0.01	laminar pyrite	BDG	95
A-15-122	354.39	354.4	0.01	laminar pyrite	BDG	85
A-15-122	355.42	355.43	0.01	cleavage	CLV	40
A-15-122	356.32	356.33	0.01	laminar pyrite	BDG	90
A-15-122	356.59	356.6	0.01	z-fold pointing downhole	FA-Z	40
A-15-122	357.51	357.52	0.01	cleavage	CLV	35
A-15-122	359.74	359.75	0.01	cleavage	CLV	25
A-15-122	360.27	360.28	0.01	cleavage	CLV	40
A-15-122	362.9	362.91	0.01	nodular barite	BDG	100
A-15-122	363.09	363.1	0.01	cleavage	CLV	30
A-15-122	364.68	364.69	0.01	laminar pyrite	BDG	130
A-15-122	366.13	366.14	0.01	cleavage	CLV	25
A-15-122	368.93	368.94	0.01	cleavage	CLV	30
A-15-122	370.54	370.55	0.01	cleavage	CLV	40
A-15-122	372.43	372.44	0.01	cleavage	CLV	40
A-15-122	373.84	373.85	0.01	cleavage	CLV	35
A-15-122	376.92	376.93	0.01	cleavage	CLV	35
A-15-122	378.75	378.76	0.01	cleavage	CLV	40
A-15-122	380.84	380.85	0.01	cleavage	CLV	70
A-15-122	382.39	382.4	0.01	pyritic silt bed	BDG	100
A-15-122	384.14	384.15	0.01	cleavage	CLV	30
A-15-122	385.73	385.74	0.01	nodular barite	BDG	120
A-15-122	386.57	386.58	0.01	nodular barite	BDG	95
A-15-122	387.15	387.16	0.01	cleavage	CLV	40
A-15-122	387.9	387.91	0.01	nodular barite	BDG	60
A-15-122	390.49	390.5	0.01	cleavage	CLV	45
A-15-122	391.68	391.69	0.01	cleavage	CLV	45
A-15-122	395.44	395.45	0.01	cleavage	CLV	40
A-15-122	397.57	397.58	0.01	cleavage	CLV	40
A-15-122	400.18	400.19	0.01	cleavage	CLV	45
A-15-122	403.65	403.66	0.01	cleavage	CLV	40
A-15-122	405.99	406	0.01	cleavage	CLV	45
A-15-122	407.99	408	0.01	cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	409.86	409.87	0.01	cleavage	CLV	45
A-15-122	412.48	412.49	0.01	cleavage	CLV	40
A-15-122	413.93	413.94	0.01	cleavage	CLV	40
A-15-122	416.11	416.12	0.01	cleavage	CLV	45
A-15-122	418.21	418.22	0.01	cleavage	CLV	40
A-15-122	420.5	420.51	0.01	cleavage	CLV	40
A-15-122	421.12	421.13	0.01	cleavage	CLV	40
A-15-122	423.63	423.64	0.01	cleavage	CLV	40
A-15-122	427.23	427.24	0.01	cleavage	CLV	40
A-15-122	428.85	428.86	0.01	cleavage	CLV	40
A-15-122	431.18	431.19	0.01	cleavage	CLV	40
A-15-122	433.78	433.79	0.01	cleavage	CLV	45
A-15-122	437.08	437.09	0.01	cleavage	CLV	40
A-15-122	438	438.01	0.01	chert bed	BDG	30
A-15-122	439.2	439.21	0.01	cleavage	CLV	40
A-15-122	439.21	439.22	0.01	silt bed	BDG	40
A-15-122	440.86	440.87	0.01	laminar pyrite	BDG	40
A-15-122	442.62	442.63	0.01	cleavage	CLV	40
A-15-122	443.14	443.15	0.01	laminar pyrite	BDG	40
A-15-122	445.57	445.58	0.01	cleavage	CLV	40
A-15-122	445.76	445.77	0.01	nodular barite	BDG	45
A-15-122	446.5	446.51	0.01	laminar pyrite	BDG	45
A-15-122	449.05	449.06	0.01	cleavage	CLV	40
A-15-122	449.77	449.78	0.01	laminar pyrite	BDG	40
A-15-122	450.47	450.48	0.01	cleavage	CLV	40
A-15-122	451.63	451.64	0.01	chert bed	BDG	55
A-15-122	453.92	453.93	0.01	silt bed	BDG	35
A-15-122	456.36	456.37	0.01	cleavage	CLV	35
A-15-122	458.33	458.34	0.01	laminar pyrite	BDG	50
A-15-122	459.36	459.37	0.01	cleavage	CLV	40
A-15-122	460.08	460.09	0.01	pyritic silt bed	BDG	40
A-15-122	461.04	461.05	0.01	pyritic silt bed	BDG	55
A-15-122	461.6	461.61	0.01	cleavage	CLV	45
A-15-122	463.04	463.05	0.01	laminar pyrite	BDG	45
A-15-122	464.76	464.77	0.01	laminar pyrite	BDG	50
A-15-122	465.33	465.34	0.01	cleavage	CLV	40
A-15-122	466.76	466.77	0.01	nodular barite	BDG	40
A-15-122	467.39	467.4	0.01	laminar pyrite	BDG	80
A-15-122	468.77	468.78	0.01	cleavage	CLV	10
A-15-122	470.54	470.55	0.01	cleavage	CLV	35
A-15-122	471.35	471.36	0.01	bedded pyrite	BDG	65
A-15-122	472.66	472.67	0.01	bedded pyrite	BDG	70
A-15-122	473.5	473.51	0.01	bedded pyrite	BDG	60
A-15-122	473.96	473.97	0.01	cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	475.19	475.2	0.01	bedded pyrite	BDG	65
A-15-122	475.76	475.77	0.01	cleavage	CLV	30
A-15-122	476.77	476.78	0.01	bedded pyrite	BDG	65
A-15-122	471.8	471.81	0.01	bedded pyrite	BDG	70
A-15-122	479.14	479.15	0.01	cleavage	CLV	30
A-15-122	479.64	479.65	0.01	bedded pyrite	BDG	65
A-15-122	480.36	480.37	0.01	bedded pyrite	BDG	60
A-15-122	481.71	481.72	0.01	bedded pyrite	BDG	60
A-15-122	483.69	483.7	0.01	bedded pyrite	BDG	60
A-15-122	484.54	484.55	0.01	bedded pyrite	BDG	75
A-15-122	485.75	485.76	0.01	cleavage	CLV	45
A-15-122	486.55	486.56	0.01	bedded pyrite	BDG	65
A-15-122	488.82	488.83	0.01	cleavage	CLV	45
A-15-122	489.32	489.33	0.01	grey sphalerite	BDG	60
A-15-122	490.26	490.27	0.01	mottled sulphide	BDG	65
A-15-122	492.21	492.22	0.01	grey sphalerite	BDG	75
A-15-122	493.1	493.11	0.01	mottled sulphide	BDG	75
A-15-122	494.32	494.33	0.01	cleavage	CLV	35
A-15-122	494.83	494.84	0.01	bedded pyrite	BDG	70
A-15-122	495.86	495.87	0.01	cleavage	CLV	30
A-15-122	497.33	497.34	0.01	cleavage	CLV	30
A-15-122	498.12	498.13	0.01	bedded pyrite	BDG	80
A-15-122	498.45	498.65	0.2	ductile deformation with abundant quartz - carbonate veining generally oriented at 90 -95 deg TCA. Ductile deformed mudstone.	FLT	95
A-15-122	498.79	498.8	0.01	mottled sulphide	BDG	70
A-15-122	499.45	499.46	0.01	mottled sulphide	BDG	75
A-15-122	500.74	500.75	0.01	bedded pyrite	BDG	65
A-15-122	501.74	501.75	0.01	cleavage	CLV	20
A-15-122	502.21	502.22	0.01	grey sphalerite	BDG	70
A-15-122	502.38	502.39	0.01	crenulation fabric		40
A-15-122	503.64	503.65	0.01	mottled sulphide	BDG	80
A-15-122	504.72	504.73	0.01	bedded pyrite	BDG	75
A-15-122	505.55	505.56	0.01	grey sphalerite	BDG	60
A-15-122	506.15	506.16	0.01	grey sphalerite	BDG	70
A-15-122	507.65	507.66	0.01	bedded pyrite	BDG	70
A-15-122	508.83	508.84	0.01	mottled sulphide	BDG	55
A-15-122	509.2	509.21	0.01	grey sphalerite	BDG	60
A-15-122	510.22	510.23	0.01	grey sphalerite	BDG	70
A-15-122	510.45	510.46	0.01	cleavage	CLV	50
A-15-122	511.57	511.58	0.01	mottled sulphide	BDG	70
A-15-122	513.14	513.15	0.01	cleavage	CLV	45
A-15-122	514.14	514.15	0.01	mottled sulphide	BDG	75
A-15-122	515.65	515.66	0.01	mottled sulphide	BDG	65

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-122	517.09	517.1	0.01	bedded pyrite	BDG	60
A-15-122	518.05	518.06	0.01	laminar, disseminated galena	BDG	40
A-15-122	519.35	519.36	0.01	nodular barite	BDG	60
A-15-122	519.95	519.96	0.01	nodular barite	BDG	55
A-15-122	522.85	522.86	0.01	cleavage	CLV	50
A-15-122	524.69	524.7	0.01	calcareous silt bed	BDG	50
A-15-122	525.44	525.45	0.01	cleavage	CLV	45
A-15-122	529.07	529.08	0.01	cleavage	CLV	45
A-15-122	529.9	529.91	0.01	calcareous silt bed	BDG	50
A-15-122	531.61	531.62	0.01	calcareous silt bed	BDG	55
A-15-122	534.22	534.23	0.01	cleavage	CLV	45
A-15-122	535.82	535.83	0.01	silt bed	BDG	50
A-15-122	536.87	536.88	0.01	cleavage	CLV	55
A-15-122	539.83	539.84	0.01	calcareous silt bed	BDG	55
A-15-122	542.37	542.38	0.01	cleavage	CLV	55
A-15-122	544.45	544.46	0.01	calcareous silt bed	BDG	60
A-15-122	545.58	545.68	0.1	cleavage	CLV	60
A-15-122	546	546.01	0.01	silt bed	BDG	55
A-15-122	548.98	548.99	0.01	cleavage	CLV	30
A-15-122	551.15	551.16	0.01	silt bed	BDG	70
A-15-122	552.01	552.2	0.19	rubble and minor gouge	FLT	40

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	comments	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE #	PPM	PPM	PPM
A-15-122	465.00	466.00	1.00	2694856	laminar py	4.00	96.00		VAN15001716	14.7	44.6	23.5
A-15-122	466.00	467.00	1.00	2694857	laminar py	4.00	96.00		VAN15001716	14.8	36.7	26.2
A-15-122	467.00	468.00	1.00	2694858	bedded py	40.00	60.00		VAN15001716	27.2	68.1	270.4
A-15-122	468.00	469.00	1.00	2694859		0.01	99.00		VAN15001716	12.2	17.8	22.7
A-15-122	469.00	470.00	1.00	2694860		0.01	99.00		VAN15001716	12.7	17	15.8
A-15-122	470.00	470.70	0.70	2694861		0.01	99.00		VAN15001716	8.7	13.8	16.3
A-15-122	470.70	471.18	0.48	2694862		0.01	99.00		VAN15001716	13.5	16.4	22.7
A-15-122			0.00	2694863				BLANK BL 125	VAN15001716	5.3	91.4	4.2
A-15-122	471.18	471.80	0.62	2694864	bedded py	50.00	50.00		VAN15001716	32.3	110.5	885.5
A-15-122	471.80	472.70	0.90	2694865	bedded py	50.00	50.00		VAN15001716	26.2	37.8	974.1
A-15-122	472.70	473.70	1.00	2694866	bedded py	40.00	60.00		VAN15001716	32.4	43.2	866.8
A-15-122	473.70	474.45	0.75	2694867		0.01	99.00		VAN15001716	13.8	12.6	52.2
A-15-122	474.45	474.95	0.50	2694868	bedded py	50.00	50.00		VAN15001716	30.9	54.8	1351.3
A-15-122	474.95	475.70	0.75	2694869	bedded py	60.00	40.00		VAN15001716	35.2	38.4	1756.4
A-15-122	475.70	476.20	0.50	2694870		0.01	99.00		VAN15001716	9.8	16.9	173
A-15-122	476.20	476.95	0.75	2694871	bedded py	68.00	32.00		VAN15001716	31.3	45.4	2289.3
A-15-122	476.95	477.55	0.60	2694872		0.01	99.00		VAN15001716	36.4	16.5	153.4
A-15-122			0.00	2694873				COARSE DUPLICATE	VAN15001716	36.9	14.9	171.8
A-15-122	477.55	478.43	0.88	2694874	bedded py	50.00	50.00		VAN15001716	25.3	52.5	1656.2
A-15-122	478.43	479.42	0.99	2694875		0.01	99.00		VAN15001716	8.4	11.3	121.5
A-15-122	479.42	480.42	1.00	2694876	bedded py	55.00	45.00		VAN15001716	23.8	40.7	1721.7
A-15-122	480.42	481.40	0.98	2694877	bedded py	32.00	68.00		VAN15001716	18.7	30.4	1500
A-15-122	481.40	482.20	0.80	2694878	bedded py	50.00	50.00		VAN15001716	24.3	33.6	2071.9
A-15-122	482.20	482.90	0.70	2694879	bedded py	20.00	80.00		VAN15001716	21.5	31.1	1011.3
A-15-122	482.90	483.69	0.79	2694880	bedded py	98.00	2.00		VAN15001716	33.6	40.1	3368.3
A-15-122	483.69	484.54	0.85	2694881		1.00	99.00		VAN15001716	8.4	13.3	250.3
A-15-122	484.54	485.05	0.51	2694882	veined chert with sulphide	36.00	64.00		VAN15001716	16.2	33.1	1043.2
A-15-122			0.00	2694883				STANDARD PB 136	VAN15001716	11.7	5389.4	23004.3
A-15-122	485.05	485.85	0.80	2694884		0.01	99.00		VAN15001716	32.5	30.3	1383.1
A-15-122	485.85	486.30	0.45	2694885	minor grey sphalerite	21.00	79.00		VAN15001716	11	44.6	1981
A-15-122	486.30	487.22	0.92	2694886	minor grey sphalerite	50.00	50.00		VAN15001716	21	65.7	4495.1
A-15-122	487.22	488.00	0.78	2694887		0.01	99.00		VAN15001716	10.2	17.3	645.9
A-15-122	488.00	489.00	1.00	2694888		0.01	99.00		VAN15001716	10.3	17.4	1678
A-15-122	489.00	490.00	1.00	2694889	abundant grey sphalerite	83.00	17.00		VAN15001716	23.8	60.8	18060.7
A-15-122	490.00	490.70	0.70	2694890	dominantly grey sphalerite and mottled sphalerite	72.00	28.00		VAN15001716	26	60.1	28145.1
A-15-122	490.70	491.20	0.50	2694891	dominantly grey sphalerite and mottled sphalerite	86.00	14.00		VAN15001716	14.9	47.7	17376.4
A-15-122	491.20	491.60	0.40	2694892		5.00	95.00		VAN15001716	24.6	33.7	7740.3
A-15-122			0.00	2694893				PULP DUPLICATE	VAN15001716	25	32.1	7784.5
A-15-122	491.60	492.38	0.78	2694894	dominantly grey sphalerite and mottled sphalerite	50.00	50.00		VAN15001716	20.8	46.1	10511.8
A-15-122	492.38	492.85	0.47	2694895	dominantly grey sphalerite and mottled sphalerite	66.00	34.00		VAN15001716	22.4	46.4	14652.8
A-15-122	492.85	493.55	0.70	2694896	dominantly grey sphalerite and mottled sphalerite	99.00	1.00		VAN15001716	19.9	49.6	24044.5
A-15-122	493.55	494.40	0.85	2694897	dominantly grey sphalerite and mottled sphalerite	30.00	70.00		VAN15001716	19.5	40.7	13085.4

					AQ270	AQ270	LF300	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-122	465.00	466.00	1.00	2694856	189	1.1	25820	79.5	8.5	81	3.01	41	3.2	5.6	131	2.5	12.9	<0.5
A-15-122	466.00	467.00	1.00	2694857	1153	1	18079	79.1	8.2	177	2.89	30	3.3	5.7	270	14.3	12.1	<0.5
A-15-122	467.00	468.00	1.00	2694858	1275	2.6	35792	85.7	5.7	196	6.09	56	2.7	3	342	11.8	35.6	<0.5
A-15-122	468.00	469.00	1.00	2694859	2107	0.6	6408	64.1	8	62	1.67	12	2.3	7	212	17.7	6.6	<0.5
A-15-122	469.00	470.00	1.00	2694860	2000	0.5	6337	64	8.3	89	1.68	11	2.2	6.1	365	14.8	5.7	<0.5
A-15-122	470.00	470.70	0.70	2694861	1319	<0.5	7022	52.8	7.7	93	1.56	10	1.7	6.6	257	10.3	4.7	<0.5
A-15-122	470.70	471.18	0.48	2694862	2581	<0.5	9408	64.1	7.1	103	1.61	9	2.4	5.9	335	20.1	5.1	<0.5
A-15-122			0.00	2694863	44	<0.5	588	14.5	8.6	525	3.42	<5	0.9	2.6	93	<0.5	<0.5	<0.5
A-15-122	471.18	471.80	0.62	2694864	5042	5.2	19304	103	5.7	297	12.72	93	3.1	2.7	344	34.1	56.9	<0.5
A-15-122	471.80	472.70	0.90	2694865	5382	4.8	22674	75.2	4.9	242	11.37	69	2.4	2.6	1523	32.4	29.8	<0.5
A-15-122	472.70	473.70	1.00	2694866	8628	3.3	20596	97.5	5.8	226	9.49	53	4.5	2.7	718	53.1	19.8	<0.5
A-15-122	473.70	474.45	0.75	2694867	2034	0.7	20470	63.3	7.4	103	1.66	8	2.6	6.1	392	13.3	2.1	<0.5
A-15-122	474.45	474.95	0.50	2694868	10350	4.7	27601	96.3	5.6	238	13.36	82	2.7	1.7	660	58.7	24.5	<0.5
A-15-122	474.95	475.70	0.75	2694869	14523	4.8	32973	93	4.9	293	15.41	86	3.2	1.3	702	77.5	20.6	<0.5
A-15-122	475.70	476.20	0.50	2694870	1596	0.8	35537	52.6	6.2	130	1.91	12	2	5.4	520	8.7	1.9	<0.5
A-15-122	476.20	476.95	0.75	2694871	23545	5.8	31430	88.4	3.6	414	18.3	94	2	0.9	820	113.6	20.4	<0.5
A-15-122	476.95	477.55	0.60	2694872	5827	0.6	11831	99.9	7.8	110	1.66	11	7.8	4.9	1009	29.4	1.3	<0.5
A-15-122			0.00	2694873	5898	0.8	11772	104.9	8.3	117	1.74	8	7.8	4.9	1036	30	1.5	<0.5
A-15-122	477.55	478.43	0.88	2694874	10368	4.2	25386	83.1	4.9	294	13.53	81	1.7	2.1	916	50.4	19.3	<0.5
A-15-122	478.43	479.42	0.99	2694875	1946	0.5	12244	59.1	6.9	264	2.61	8	1.5	6.6	373	10.1	2.1	<0.5
A-15-122	479.42	480.42	1.00	2694876	16875	3.8	27247	77.3	4.7	264	11.11	56	1.4	1.4	772	73.9	13.3	<0.5
A-15-122	480.42	481.40	0.98	2694877	14965	3.2	30449	68.5	5.3	256	8.55	43	1.6	2	999	62	8.3	<0.5
A-15-122	481.40	482.20	0.80	2694878	28861	4.7	20981	79.6	4.1	253	12.92	62	1.5	1.3	662	115.3	12.9	<0.5
A-15-122	482.20	482.90	0.70	2694879	16593	2.6	13443	82.9	6.6	139	6.19	35	2.7	3.7	535	74	7	<0.5
A-15-122	482.90	483.69	0.79	2694880	37894	9.4	29312	90	3.1	358	18.58	98	1.5	0.6	651	187.9	23.5	<0.5
A-15-122	483.69	484.54	0.85	2694881	2615	0.8	9326	60	7.6	102	2	13	1.5	5.3	172	12.3	2.2	<0.5
A-15-122	484.54	485.05	0.51	2694882	15250	3.8	30563	54.2	3.3	131	5.81	33	2	0.8	1389	74.1	13.8	<0.5
A-15-122			0.00	2694883	25231	83.4	406	12.6	14.7	2387	3.2	39	<0.5	1	77	172.2	237.2	3.1
A-15-122	485.05	485.85	0.80	2694884	7576	3.4	21005	119.4	8.5	248	2.83	26	7	3.8	790	37.4	5.9	<0.5
A-15-122	485.85	486.30	0.45	2694885	16791	4.6	42391	63	5	611	5.69	31	1.7	1.9	1037	80.2	10	<0.5
A-15-122	486.30	487.22	0.92	2694886	34592	11.1	38735	74.3	3.9	400	12.84	57	2.2	1	590	188.7	18.4	<0.5
A-15-122	487.22	488.00	0.78	2694887	1553	1	11192	71.6	7.5	116	2.11	9	1.6	4	364	9.1	2.2	<0.5
A-15-122	488.00	489.00	1.00	2694888	3045	1.2	16279	70.9	7.1	107	2.02	12	1.9	4	728	20.3	2.6	<0.5
A-15-122	489.00	490.00	1.00	2694889	107723	16.5	44463	64.2	3	449	14.93	57	2.5	<0.5	786	641.6	15.4	<0.5
A-15-122	490.00	490.70	0.70	2694890	111447	21.2	22233	68.4	2.4	494	15.63	69	2.2	<0.5	736	795.9	12.8	<0.5
A-15-122	490.70	491.20	0.50	2694891	102913	13.9	39002	51.8	3.2	576	11.1	43	1.9	<0.5	601	643.6	9.7	<0.5
A-15-122	491.20	491.60	0.40	2694892	18346	5.6	23453	104.8	7.4	206	5.53	34	4.9	2.6	371	101	5.3	<0.5
A-15-122			0.00	2694893	18637	6.3	23737	101	6.4	203	5.55	34	5.2	2.6	384	103.2	4.8	<0.5
A-15-122	491.60	492.38	0.78	2694894	62308	13.3	>50000	67.3	4.4	481	11.02	51	2.3	<0.5	604	387.9	9.6	<0.5
A-15-122	492.38	492.85	0.47	2694895	92004	16.7	45838	70.1	4.1	459	12.2	56	3.3	0.5	566	558	9.4	<0.5
A-15-122	492.85	493.55	0.70	2694896	139047	19.9	>50000	54.6	1.9	480	15.04	56	2.1	<0.5	659	792.9	13.2	<0.5
A-15-122	493.55	494.40	0.85	2694897	64518	10.9	29464	76.2	5.9	298	7.47	39	3.7	1.1	550	389.6	8.9	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM
A-15-122	465.00	466.00	1.00	2694856	36	0.64	0.055	22.2	7	0.15	724	0.004	1.17	<0.01	0.23	<0.5	0.06	2.2
A-15-122	466.00	467.00	1.00	2694857	43	1.27	0.06	21.1	7.3	0.33	682	0.003	0.66	<0.01	0.21	<0.5	0.17	2.6
A-15-122	467.00	468.00	1.00	2694858	54	1.82	0.048	8.6	6.6	0.12	323	0.003	0.45	<0.01	0.21	<0.5	0.27	2.5
A-15-122	468.00	469.00	1.00	2694859	57	1	0.077	15.3	7.7	0.16	913	0.004	0.56	<0.01	0.29	<0.5	0.14	2.2
A-15-122	469.00	470.00	1.00	2694860	50	1.8	0.072	14.5	7.4	0.21	767	0.003	0.52	<0.01	0.28	<0.5	0.17	3.1
A-15-122	470.00	470.70	0.70	2694861	48	1.52	0.072	15.3	8.3	0.22	1072	0.003	0.55	<0.01	0.3	<0.5	0.14	3
A-15-122	470.70	471.18	0.48	2694862	60	1.87	0.082	14.3	8.9	0.18	1298	0.004	0.58	<0.01	0.26	<0.5	0.22	3.3
A-15-122			0.00	2694863	90	1.08	0.057	6.8	17.9	0.75	138	0.164	1.89	0.24	0.24	0.7	<0.05	3.9
A-15-122	471.18	471.80	0.62	2694864	52	1.04	0.049	7.7	7.6	0.25	185	0.003	0.88	<0.01	0.17	<0.5	0.56	2.8
A-15-122	471.80	472.70	0.90	2694865	46	0.94	0.049	7.8	1.5	0.18	180	0.003	0.95	<0.01	0.17	<0.5	0.58	2.4
A-15-122	472.70	473.70	1.00	2694866	60	0.84	0.068	8.7	7.5	0.17	184	0.003	0.84	<0.01	0.17	<0.5	0.54	2.4
A-15-122	473.70	474.45	0.75	2694867	60	1.16	0.076	16.1	8.5	0.22	1573	0.004	1.06	<0.01	0.26	<0.5	0.22	2.3
A-15-122	474.45	474.95	0.50	2694868	45	0.66	0.048	6.3	7.7	0.14	108	0.003	0.89	<0.01	0.16	<0.5	0.56	2.2
A-15-122	474.95	475.70	0.75	2694869	48	0.87	0.048	5.4	6.5	0.12	139	0.002	0.66	<0.01	0.12	<0.5	0.61	2
A-15-122	475.70	476.20	0.50	2694870	52	0.68	0.076	16.9	8.5	0.19	1572	0.004	1.44	<0.01	0.22	<0.5	0.14	3
A-15-122	476.20	476.95	0.75	2694871	41	1.26	0.037	3.7	7.4	0.26	113	0.002	0.47	<0.01	0.1	<0.5	0.71	2.4
A-15-122	476.95	477.55	0.60	2694872	91	1.55	0.163	12.1	8.8	0.16	1081	0.005	0.65	<0.01	0.24	<0.5	<0.05	2.5
A-15-122			0.00	2694873	88	1.7	0.166	12.1	9.8	0.16	1080	0.005	0.63	<0.01	0.24	<0.5	0.14	2.5
A-15-122	477.55	478.43	0.88	2694874	37	1.4	0.046	5.8	8.1	0.17	171	0.003	0.42	<0.01	0.15	<0.5	0.33	2.5
A-15-122	478.43	479.42	0.99	2694875	47	1.38	0.056	14.6	7.6	0.5	729	0.004	0.55	<0.01	0.27	<0.5	<0.05	4.2
A-15-122	479.42	480.42	1.00	2694876	35	0.83	0.015	4.9	7	0.19	119	0.002	0.36	<0.01	0.15	<0.5	0.36	2
A-15-122	480.42	481.40	0.98	2694877	38	1.13	0.015	6	8.2	0.27	194	0.003	0.44	<0.01	0.2	<0.5	0.3	2.5
A-15-122	481.40	482.20	0.80	2694878	39	0.73	0.025	3.8	7.7	0.18	112	0.003	0.35	<0.01	0.15	<0.5	0.43	1.7
A-15-122	482.20	482.90	0.70	2694879	45	0.95	0.068	6.5	8.5	0.17	194	0.003	0.46	<0.01	0.21	0.7	0.26	1.7
A-15-122	482.90	483.69	0.79	2694880	35	0.99	0.011	2.4	7.8	0.14	65	0.002	0.26	<0.01	0.11	<0.5	0.66	1.1
A-15-122	483.69	484.54	0.85	2694881	44	0.55	0.065	9	7.3	0.21	958	0.003	0.52	<0.01	0.25	<0.5	0.05	2.1
A-15-122	484.54	485.05	0.51	2694882	43	1.18	0.028	1.8	6	0.1	195	0.002	0.24	<0.01	0.1	<0.5	0.27	0.7
A-15-122			0.00	2694883	23	2.92	0.044	3.1	23.5	0.59	83	0.055	0.83	0.04	0.19	4.3	0.37	1.2
A-15-122	485.05	485.85	0.80	2694884	101	1.45	0.12	2.1	11.6	0.13	579	0.004	0.47	<0.01	0.24	<0.5	0.13	1.9
A-15-122	485.85	486.30	0.45	2694885	44	3.6	0.066	2.8	8.2	0.16	314	0.003	0.4	<0.01	0.21	<0.5	0.35	2.5
A-15-122	486.30	487.22	0.92	2694886	41	1.27	0.045	1.5	7.8	0.26	175	0.004	0.36	<0.01	0.17	<0.5	0.65	2.8
A-15-122	487.22	488.00	0.78	2694887	45	0.64	0.07	1.8	8.2	0.23	873	0.004	0.53	<0.01	0.27	<0.5	<0.05	2.6
A-15-122	488.00	489.00	1.00	2694888	43	0.74	0.074	2.5	7.4	0.2	1056	0.004	0.5	<0.01	0.26	<0.5	0.12	2.7
A-15-122	489.00	490.00	1.00	2694889	74	0.98	0.025	0.9	16.9	0.2	87	0.005	0.35	<0.01	0.13	<0.5	2.48	2.6
A-15-122	490.00	490.70	0.70	2694890	86	1.37	0.025	0.7	17	0.22	76	0.005	0.36	<0.01	0.13	<0.5	2.89	2.4
A-15-122	490.70	491.20	0.50	2694891	57	3.55	0.034	1.1	11.7	0.19	129	0.004	0.34	<0.01	0.13	<0.5	2.73	2.9
A-15-122	491.20	491.60	0.40	2694892	177	0.46	0.072	1.7	24	0.22	306	0.012	1.2	<0.01	0.47	0.7	0.47	4.6
A-15-122			0.00	2694893	182	0.48	0.075	1.7	20.8	0.22	281	0.013	1.24	<0.01	0.49	0.6	0.48	4.8
A-15-122	491.60	492.38	0.78	2694894	68	1.75	0.036	1	14.5	0.21	140	0.006	0.48	<0.01	0.2	<0.5	1.7	3.3
A-15-122	492.38	492.85	0.47	2694895	62	0.7	0.037	0.8	12.2	0.16	88	0.004	0.34	<0.01	0.15	<0.5	2.71	2.5
A-15-122	492.85	493.55	0.70	2694896	55	1.24	0.023	<0.5	10.7	0.2	83	0.003	0.2	<0.01	0.07	<0.5	3.88	1.4
A-15-122	493.55	494.40	0.85	2694897	124	0.76	0.051	1.3	16.5	0.2	171	0.009	0.94	<0.01	0.37	<0.5	1.65	3.2

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Tl	S	Ga	Se	SG	Wgt
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	PPM	PPM	NONE	KG
A-15-122	465.00	466.00	1.00	2694856	3.3	2.93	<5	8	2.649	4.51
A-15-122	466.00	467.00	1.00	2694857	3.2	2.97	<5	9	2.618	4.16
A-15-122	467.00	468.00	1.00	2694858	10.8	6.2	<5	24	2.798	4.24
A-15-122	468.00	469.00	1.00	2694859	2.7	1.92	<5	9	2.637	3.41
A-15-122	469.00	470.00	1.00	2694860	2.9	1.93	<5	10	2.628	3.81
A-15-122	470.00	470.70	0.70	2694861	2.1	1.72	<5	10	2.638	2.66
A-15-122	470.70	471.18	0.48	2694862	2.6	1.85	<5	11	2.682	2.73
A-15-122			0.00	2694863	<0.5	<0.05	5	<2	I.S.	0.02
A-15-122	471.18	471.80	0.62	2694864	28	14.55	<5	28	2.97	2.42
A-15-122	471.80	472.70	0.90	2694865	27.1	12.79	<5	21	2.937	4.06
A-15-122	472.70	473.70	1.00	2694866	27.4	11.16	<5	20	2.854	4.51
A-15-122	473.70	474.45	0.75	2694867	2.8	1.57	<5	7	2.654	3.12
A-15-122	474.45	474.95	0.50	2694868	43.6	15.25	<5	22	3.052	2.29
A-15-122	474.95	475.70	0.75	2694869	53.1	17.5	<5	21	3.098	3.4
A-15-122	475.70	476.20	0.50	2694870	4.4	1.47	<5	6	2.712	2.21
A-15-122	476.20	476.95	0.75	2694871	80.7	21.63	<5	24	3.275	3.56
A-15-122	476.95	477.55	0.60	2694872	3.8	1.97	<5	9	2.581	2.5
A-15-122			0.00	2694873	3.7	2.02	<5	10	2.594	
A-15-122	477.55	478.43	0.88	2694874	54	15.35	<5	12	3.047	3.98
A-15-122	478.43	479.42	0.99	2694875	3.2	2.77	<5	4	2.712	4.18
A-15-122	479.42	480.42	1.00	2694876	61	13.06	<5	10	2.947	4.73
A-15-122	480.42	481.40	0.98	2694877	52.2	9.99	<5	7	2.92	4.35
A-15-122	481.40	482.20	0.80	2694878	94.3	15.78	<5	10	3.035	3.58
A-15-122	482.20	482.90	0.70	2694879	42.5	8.02	<5	9	2.837	2.65
A-15-122	482.90	483.69	0.79	2694880	142.8	22.88	<5	18	3.296	3.9
A-15-122	483.69	484.54	0.85	2694881	5.4	2.3	<5	4	2.676	2.98
A-15-122	484.54	485.05	0.51	2694882	60.5	6.94	<5	5	2.847	2.4
A-15-122			0.00	2694883	1.1	2.8	<5	4	I.S.	0.02
A-15-122	485.05	485.85	0.80	2694884	21.9	3.23	<5	15	2.626	3.39
A-15-122	485.85	486.30	0.45	2694885	71.4	6.28	<5	9	2.854	1.96
A-15-122	486.30	487.22	0.92	2694886	167.2	15.41	<5	13	3.105	4.32
A-15-122	487.22	488.00	0.78	2694887	10.2	2.28	<5	4	2.676	3.16
A-15-122	488.00	489.00	1.00	2694888	14.5	2.15	<5	6	2.723	3.56
A-15-122	489.00	490.00	1.00	2694889	237.8	20.93	5	11	3.4	4.71
A-15-122	490.00	490.70	0.70	2694890	266.7	21.97	6	11	3.453	3.8
A-15-122	490.70	491.20	0.50	2694891	221.6	15.92	<5	9	3.309	2.02
A-15-122	491.20	491.60	0.40	2694892	82	6.57	<5	8	2.816	2.09
A-15-122			0.00	2694893	87.5	6.53	<5	9	2.818	
A-15-122	491.60	492.38	0.78	2694894	204.8	14.09	<5	10	3.176	3.55
A-15-122	492.38	492.85	0.47	2694895	255.4	17.64	<5	9	3.245	2.45
A-15-122	492.85	493.55	0.70	2694896	311.8	22.85	5	10	3.675	3.59
A-15-122	493.55	494.40	0.85	2694897	170.9	11.47	<5	11	2.981	4.09

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**comments**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE #**	**PPM**	**PPM**	**PPM**
A-15-122	494.40	495.32	0.92	2694898	dominantly grey sphalerite and mottled sphalerite	68.00	32.00		VAN15001716	25.2	77.7	16936.1
A-15-122	495.32	496.00	0.68	2694899		0.01	99.00		VAN15001716	12.5	24.5	1340.7
A-15-122	496.00	497.00	1.00	2694900		0.01	99.00		VAN15001716	11.7	15.8	657.6
A-15-122	497.00	498.00	1.00	2694901		5.00	95.00		VAN15001716	13.3	37.3	3487.4
A-15-122	498.00	498.90	0.90	2694902	mottled sulphide	55.00	45.00		VAN15001716	19.5	76	19831.8
A-15-122			0.00	2694903				BLANK BL125	VAN15001716	6	100.1	5.3
A-15-122	498.90	499.50	0.60	2694904	cream colored mottled sulphide	99.00	1.00		VAN15001716	8.2	45.9	28510.3
A-15-122	499.50	500.28	0.78	2694905	cream colored mottled sulphide	30.00	70.00		VAN15001716	15.1	41	7497.3
A-15-122	500.28	500.90	0.62	2694906	cream colored mottled sulphide	100.00	0.00		VAN15001716	14.3	64.9	26706.1
A-15-122	500.90	501.40	0.50	2694907	cream colored mottled sulphide	72.00	28.00		VAN15001716	17.2	71.9	34575.2
A-15-122	501.40	502.05	0.65	2694908		0.01	99.00		VAN15001716	9.8	25.8	2690.5
A-15-122	502.05	503.00	0.95	2694909	dominantly grey sphalerite and mottled sphalerite	85.00	15.00		VAN15001716	24.3	65.7	24130.4
A-15-122	503.00	504.00	1.00	2694910	cream colored mottled sulphide	85.00	15.00		VAN15001716	11.3	61.4	31469.8
A-15-122	504.00	504.95	0.95	2694911	cream colored mottled sulphide	30.00	70.00		VAN15001716	17.4	54.9	19877.3
A-15-122	504.95	505.95	1.00	2694912	cream colored mottled sulphide	64.00	36.00		VAN15001716	17.5	53.9	14435.5
A-15-122			0.00	2694913				COARSE DUPLICATE	VAN15001716	18.4	54.2	14410.8
A-15-122	505.95	506.60	0.65	2694914	dominantly grey sphalerite and mottled sphalerite	100.00	0.00		VAN15001716	21.8	59.1	19581.7
A-15-122	506.60	507.40	0.80	2694915	dominantly grey sphalerite and mottled sphalerite	75.00	25.00		VAN15001716	14	48	22003.8
A-15-122	507.40	508.40	1.00	2694916	cream colored mottled sulphide	77.00	23.00		VAN15001716	19.6	54.7	24120.8
A-15-122	508.40	509.40	1.00	2694917	cream colored mottled sulphide	95.00	5.00		VAN15001716	12.8	44.7	25576.4
A-15-122	509.40	510.40	1.00	2694918	cream colored mottled sulphide	57.00	43.00		VAN15001716	16.9	57.1	23218.7
A-15-122	510.40	511.30	0.90	2694919	cream colored mottled sulphide	50.00	50.00		VAN15001716	20.7	64.4	23105.5
A-15-122	511.30	512.10	0.80	2694920	dominantly grey sphalerite and mottled sphalerite	78.00	22.00		VAN15001716	14.5	84.7	30546.3
A-15-122	512.10	513.10	1.00	2694921		0.01	99.00		VAN15001716	10	20.8	550.5
A-15-122	513.10	513.90	0.80	2694922		0.01	99.00		VAN15001716	11.2	23.1	605.2
A-15-122			0.00	2694923				STANDARD PB 145	VAN15001716	8.8	1909.4	13463.9
A-15-122	513.90	514.70	0.80	2694924	grey, and mottled sulphide with pyrite	30.00	70.00		VAN15001716	17.4	66	12075.9
A-15-122	514.70	515.70	1.00	2694925	grey, and mottled sulphide with pyrite	60.00	40.00		VAN15001716	24.9	56.7	11483
A-15-122	515.70	516.50	0.80	2694926	bedded py	25.00	75.00		VAN15001716	24.8	55.1	5543.7
A-15-122	516.50	517.50	1.00	2694927	mostly bedded barite and pyrite	31.00	69.00		VAN15001716	18.7	56.5	10560
A-15-122	517.50	518.50	1.00	2694928	mostly bedded barite and pyrite	60.00	40.00		VAN15001716	12.6	67.3	15832.7
A-15-122	518.50	519.30	0.80	2694929	mostly bedded barite and pyrite	50.00	50.00		VAN15001716	21.1	61.6	2012
A-15-122	519.30	520.20	0.90	2694930	mostly bedded barite and pyrite	20.00	80.00		VAN15001716	22.6	55.8	1393.5
A-15-122	520.20	521.20	1.00	2694931		5.00	95.00		VAN15001716	12.3	15.6	332.6
A-15-122	521.20	522.00	0.80	2694932		1.00	99.00		VAN15001716	8.2	14	192.4
A-15-122			0.00	2694933				PULP DUPLICATE	VAN15001716	8.4	13.3	197
A-15-122	522.00	523.00	1.00	2694934		1.00	99.00		VAN15001716	10.3	17.5	222.1
A-15-122	523.00	524.00	1.00	2694935		1.00	99.00		VAN15001716	1.6	9.5	155.3
A-15-122	524.00	525.00	1.00	2694936		1.00	99.00		VAN15001716	5	16.1	115
A-15-122	525.00	526.00	1.00	2694937		1.00	99.00		VAN15001716	6.8	20.9	185
A-15-122	526.00	527.00	1.00	2694938		1.00	99.00		VAN15001716	1.8	9	127.9

					AQ270	AQ270	LF300	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-122	494.40	495.32	0.92	2694898	91773	19.4	44282	72.3	3.3	498	13.04	60	3.5	<0.5	488	576.6	24	<0.5
A-15-122	495.32	496.00	0.68	2694899	2428	1.5	12756	76	7.8	121	2.08	12	3.1	4.5	327	17.1	2.9	<0.5
A-15-122	496.00	497.00	1.00	2694900	2394	0.9	25470	71.6	8.1	173	2.08	9	3.1	4.1	662	17	2.5	<0.5
A-15-122	497.00	498.00	1.00	2694901	14804	4.2	27201	72.7	7	199	3.69	20	3.1	3.5	691	89.4	6.4	<0.5
A-15-122	498.00	498.90	0.90	2694902	102601	18.7	>50000	60.8	3.3	394	12.31	45	2.6	<0.5	512	720.5	22.8	<0.5
A-15-122			0.00	2694903	51	<0.5	586	16	10.7	519	3.54	<5	1	3.1	104	<0.5	<0.5	<0.5
A-15-122	498.90	499.50	0.60	2694904	146118	15.4	>50000	25.5	1.5	412	7.57	19	1.1	<0.5	681	1124.6	12.4	<0.5
A-15-122	499.50	500.28	0.78	2694905	84436	10	48828	63.5	5.5	206	5.78	23	3.8	1.3	313	551.9	8.2	<0.5
A-15-122	500.28	500.90	0.62	2694906	191318	26.2	>50000	40.6	2	421	13.58	32	2	<0.5	338	1143.3	21.8	<0.5
A-15-122	500.90	501.40	0.50	2694907	161016	22.4	45729	56.2	3.7	504	9.85	25	3.4	<0.5	944	1028.6	30.3	<0.5
A-15-122	501.40	502.05	0.65	2694908	3351	1.9	15196	65.5	7.2	92	1.75	10	3.8	4.1	180	24.3	3.4	<0.5
A-15-122	502.05	503.00	0.95	2694909	117556	24.7	>50000	66.3	3.2	532	12.35	39	3.9	<0.5	278	732.5	28.4	<0.5
A-15-122	503.00	504.00	1.00	2694910	182999	21.2	>50000	37.6	2.7	535	9.19	21	2.1	<0.5	304	1175.8	20.9	<0.5
A-15-122	504.00	504.95	0.95	2694911	72921	14.2	23218	66.7	5.8	274	6.61	18	4.2	1.7	250	521.9	21.2	<0.5
A-15-122	504.95	505.95	1.00	2694912	74744	14.8	>50000	60	5.1	407	7.19	23	3.8	1	410	500.1	21.1	<0.5
A-15-122			0.00	2694913	74460	15.1	>50000	59.9	4.9	402	7.31	22	3.8	1	391	479.4	21.6	<0.5
A-15-122	505.95	506.60	0.65	2694914	102047	21.4	>50000	54.1	3.3	516	10.58	29	4.4	<0.5	461	623.6	33.2	<0.5
A-15-122	506.60	507.40	0.80	2694915	134751	17.8	>50000	42.3	3.2	460	8.15	20	2.5	<0.5	489	850.4	28.8	<0.5
A-15-122	507.40	508.40	1.00	2694916	113593	19.5	>50000	50.3	3.1	548	8.63	29	2.7	<0.5	495	790.3	28.1	<0.5
A-15-122	508.40	509.40	1.00	2694917	124641	16.9	>50000	40.8	2.5	443	7.28	25	2.4	<0.5	679	962.1	18	<0.5
A-15-122	509.40	510.40	1.00	2694918	115341	17	>50000	47.6	3.1	487	7.54	24	2.5	<0.5	429	827.9	23.9	<0.5
A-15-122	510.40	511.30	0.90	2694919	66155	16.9	49242	73.1	5.4	335	7.73	26	4.5	1	226	472.9	19.8	<0.5
A-15-122	511.30	512.10	0.80	2694920	167613	25.5	>50000	42.9	2.1	599	12.36	39	1.7	<0.5	269	1134.2	26.2	<0.5
A-15-122	512.10	513.10	1.00	2694921	418	1	18745	69.7	7.6	139	2.23	11	2.5	4.3	222	2.7	2.6	<0.5
A-15-122	513.10	513.90	0.80	2694922	2769	1.4	21269	72.9	8.4	176	2.13	14	2.6	4.4	403	19.5	3.1	<0.5
A-15-122			0.00	2694923	16460	63.2	629	16.9	19	1447	4.21	61	1	2.5	87	121.9	171.9	5
A-15-122	513.90	514.70	0.80	2694924	63642	14.8	>50000	70.2	4.1	560	8.82	35	2.6	0.8	411	518.6	19.9	0.5
A-15-122	514.70	515.70	1.00	2694925	50818	18.4	>50000	71.8	5	621	9.6	38	3.1	0.7	378	474	26.6	<0.5
A-15-122	515.70	516.50	0.80	2694926	19249	13.5	49177	80.4	5.6	521	7.12	40	3.1	1.2	345	180.1	27.6	<0.5
A-15-122	516.50	517.50	1.00	2694927	23224	13.4	>50000	61.7	4.7	412	6.17	22	2.7	1.8	694	236.6	26.8	<0.5
A-15-122	517.50	518.50	1.00	2694928	14807	18.7	>50000	43.4	2.6	529	7.52	21	1.7	<0.5	897	187.2	26.5	<0.5
A-15-122	518.50	519.30	0.80	2694929	23797	13.5	>50000	68.6	5.2	602	7	25	3.1	1.8	765	238.2	25.8	<0.5
A-15-122	519.30	520.20	0.90	2694930	7831	12.5	>50000	71.6	5.5	267	5.87	34	3.1	2.2	589	75	24	<0.5
A-15-122	520.20	521.20	1.00	2694931	329	1	29402	38.8	5	547	2.02	<5	3	4.8	329	3.3	3.1	<0.5
A-15-122	521.20	522.00	0.80	2694932	220	0.8	9110	30.3	4.4	671	2.1	<5	2.3	4.5	284	2.1	3.2	<0.5
A-15-122			0.00	2694933	212	0.7	8959	27.8	4.3	654	2.06	<5	2.4	4.5	263	2	3.4	<0.5
A-15-122	522.00	523.00	1.00	2694934	355	0.7	5458	40.5	4.7	471	1.85	<5	2.1	5.5	187	4.4	2.9	<0.5
A-15-122	523.00	524.00	1.00	2694935	485	0.6	3479	13.8	3.9	1022	2.57	5	0.8	3.3	296	3.5	1.3	<0.5
A-15-122	524.00	525.00	1.00	2694936	251	0.6	3117	28.3	4.2	619	1.87	<5	3.1	4.6	217	2.8	2.8	<0.5
A-15-122	525.00	526.00	1.00	2694937	316	0.8	3233	36.7	5.2	389	1.61	<5	1.8	5.4	138	3.9	2.7	<0.5
A-15-122	526.00	527.00	1.00	2694938	264	0.5	2867	17.1	4.2	348	1.39	<5	0.8	4.3	138	2.5	1.3	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM
A-15-122	494.40	495.32	0.92	2694898	91	1.49	0.032	0.8	13.9	0.21	109	0.007	0.49	<0.01	0.21	<0.5	2.73	2.2
A-15-122	495.32	496.00	0.68	2694899	135	0.59	0.065	3.1	20.4	0.26	1032	0.011	1.36	<0.01	0.59	<0.5	0.1	3.5
A-15-122	496.00	497.00	1.00	2694900	116	1.13	0.066	3.8	18.1	0.3	1275	0.009	1.15	<0.01	0.5	<0.5	0.11	3.6
A-15-122	497.00	498.00	1.00	2694901	110	0.93	0.056	2.3	17.2	0.3	502	0.009	1.09	<0.01	0.46	<0.5	0.41	3.6
A-15-122	498.00	498.90	0.90	2694902	73	1.12	0.031	0.9	11.9	0.23	86	0.005	0.37	<0.01	0.16	<0.5	2.88	2.7
A-15-122			0.00	2694903	94	1.12	0.056	7.9	19.3	0.77	153	0.169	1.94	0.25	0.22	0.7	<0.05	3.2
A-15-122	498.90	499.50	0.60	2694904	33	1.45	0.015	0.6	4.7	0.12	83	0.002	0.15	<0.01	0.06	<0.5	3.4	0.9
A-15-122	499.50	500.28	0.78	2694905	74	0.54	0.039	1.3	9.1	0.18	145	0.006	0.54	<0.01	0.25	<0.5	1.87	3.3
A-15-122	500.28	500.90	0.62	2694906	42	1.16	0.015	<0.5	5.4	0.13	65	0.002	0.13	<0.01	0.05	<0.5	5.4	1.1
A-15-122	500.90	501.40	0.50	2694907	78	1.17	0.025	0.9	6.3	0.16	87	0.004	0.36	<0.01	0.16	<0.5	4.77	2
A-15-122	501.40	502.05	0.65	2694908	83	0.23	0.061	2.2	11.2	0.17	1209	0.007	0.7	<0.01	0.34	<0.5	0.17	4.4
A-15-122	502.05	503.00	0.95	2694909	69	1.27	0.03	0.6	7.3	0.13	85	0.004	0.26	<0.01	0.13	<0.5	3.18	1.8
A-15-122	503.00	504.00	1.00	2694910	44	1.69	0.028	0.7	6	0.19	79	0.003	0.26	<0.01	0.12	<0.5	5.85	1.7
A-15-122	504.00	504.95	0.95	2694911	86	0.56	0.048	1.5	9	0.16	160	0.006	0.58	<0.01	0.28	<0.5	2.12	3
A-15-122	504.95	505.95	1.00	2694912	83	0.96	0.039	1.2	8.8	0.19	132	0.006	0.48	<0.01	0.23	<0.5	2.27	2.9
A-15-122			0.00	2694913	86	0.94	0.042	1.3	9.2	0.2	124	0.006	0.51	<0.01	0.24	<0.5	2.26	2.8
A-15-122	505.95	506.60	0.65	2694914	80	1.91	0.031	0.8	5.5	0.11	77	0.004	0.25	<0.01	0.12	<0.5	2.75	1.8
A-15-122	506.60	507.40	0.80	2694915	60	1.3	0.018	0.9	5.8	0.15	94	0.003	0.34	<0.01	0.15	<0.5	4.02	1.9
A-15-122	507.40	508.40	1.00	2694916	61	1.67	0.02	0.8	6	0.12	89	0.003	0.28	<0.01	0.12	<0.5	3.73	1.8
A-15-122	508.40	509.40	1.00	2694917	54	1.46	0.023	1	6	0.14	89	0.004	0.29	<0.01	0.12	<0.5	3.92	1.4
A-15-122	509.40	510.40	1.00	2694918	54	1.55	0.023	0.8	6.4	0.15	90	0.003	0.24	<0.01	0.11	<0.5	3.81	1.8
A-15-122	510.40	511.30	0.90	2694919	88	0.83	0.039	1.2	9.2	0.19	106	0.005	0.42	<0.01	0.22	<0.5	2.34	2.9
A-15-122	511.30	512.10	0.80	2694920	37	1.82	0.021	0.5	7.1	0.22	64	0.002	0.16	<0.01	0.07	<0.5	8.15	1.5
A-15-122	512.10	513.10	1.00	2694921	80	0.67	0.057	2.2	13.1	0.19	780	0.006	0.79	<0.01	0.36	<0.5	0.06	2.7
A-15-122	513.10	513.90	0.80	2694922	72	0.9	0.062	2.5	12.1	0.25	1037	0.006	0.63	<0.01	0.33	<0.5	0.15	3.1
A-15-122			0.00	2694923	73	1.97	0.047	7.6	24.4	1.31	257	0.13	1.61	0.19	0.18	1.3	0.52	3.1
A-15-122	513.90	514.70	0.80	2694924	72	2.07	0.028	1.6	11.2	0.25	146	0.005	0.49	<0.01	0.23	0.6	3.05	4
A-15-122	514.70	515.70	1.00	2694925	74	1.97	0.03	1.7	9	0.2	137	0.004	0.39	<0.01	0.2	<0.5	2.38	3.4
A-15-122	515.70	516.50	0.80	2694926	75	1.67	0.032	2.7	8.3	0.21	227	0.004	0.46	<0.01	0.24	<0.5	0.96	3.1
A-15-122	516.50	517.50	1.00	2694927	59	1.66	0.036	4.1	4.7	0.17	188	0.003	0.32	<0.01	0.17	<0.5	1.84	2.7
A-15-122	517.50	518.50	1.00	2694928	46	2.22	0.018	3.9	4.5	0.13	171	0.002	0.14	<0.01	0.08	<0.5	2.2	2.8
A-15-122	518.50	519.30	0.80	2694929	123	2.1	0.042	10.8	12.3	0.26	307	0.004	0.3	<0.01	0.15	<0.5	2.9	5.1
A-15-122	519.30	520.20	0.90	2694930	105	1.59	0.022	11.6	12.6	0.25	325	0.003	0.27	<0.01	0.16	<0.5	1.33	5.6
A-15-122	520.20	521.20	1.00	2694931	28	7.72	0.043	14.2	6.9	1.86	1450	0.003	0.25	<0.01	0.17	<0.5	0.06	4.4
A-15-122	521.20	522.00	0.80	2694932	32	6.64	0.017	10.3	6.4	1.99	1706	0.003	0.33	<0.01	0.21	<0.5	<0.05	4
A-15-122			0.00	2694933	31	6.59	0.015	9.8	6.3	1.98	1599	0.003	0.32	<0.01	0.22	<0.5	0.12	3.7
A-15-122	522.00	523.00	1.00	2694934	38	5.26	0.053	12.6	7.1	1.97	607	0.004	0.34	<0.01	0.22	<0.5	0.09	3.3
A-15-122	523.00	524.00	1.00	2694935	<10	8.47	0.041	10.4	5	3.46	935	0.003	0.33	<0.01	0.22	<0.5	0.08	3.7
A-15-122	524.00	525.00	1.00	2694936	26	7.26	0.067	11.7	2.2	2.41	514	0.003	0.34	<0.01	0.22	<0.5	0.12	3.7
A-15-122	525.00	526.00	1.00	2694937	34	5.19	0.083	12.6	7.3	2.19	327	0.004	0.36	<0.01	0.24	<0.5	0.1	3.5
A-15-122	526.00	527.00	1.00	2694938	<10	4.83	0.061	11.7	6.1	2.03	406	0.003	0.34	<0.01	0.25	<0.5	0.15	4.1

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
					Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**
A-15-122	494.40	495.32	0.92	2694898	274	18.27	5	18	3.299	4.73
A-15-122	495.32	496.00	0.68	2694899	23.5	2.16	<5	6	2.623	3.21
A-15-122	496.00	497.00	1.00	2694900	16.6	1.77	<5	5	2.67	3.75
A-15-122	497.00	498.00	1.00	2694901	62.3	4.19	<5	9	2.749	4.43
A-15-122	498.00	498.90	0.90	2694902	232.6	17.88	<5	16	3.366	5.04
A-15-122			0.00	2694903	<0.5	<0.05	5	<2	I.S.	0.02
A-15-122	498.90	499.50	0.60	2694904	168	16	<5	9	3.806	3.69
A-15-122	499.50	500.28	0.78	2694905	135.2	10.72	<5	9	3.014	3.38
A-15-122	500.28	500.90	0.62	2694906	297.3	24.27	<5	14	3.823	3.79
A-15-122	500.90	501.40	0.50	2694907	245.3	18.95	5	26	3.387	2.46
A-15-122	501.40	502.05	0.65	2694908	21.7	1.88	<5	7	2.655	2.97
A-15-122	502.05	503.00	0.95	2694909	260.4	19.23	<5	25	3.374	5.12
A-15-122	503.00	504.00	1.00	2694910	241	19.03	6	10	3.503	5.68
A-15-122	504.00	504.95	0.95	2694911	145.7	11.38	<5	20	2.945	4.15
A-15-122	504.95	505.95	1.00	2694912	171.2	11.59	<5	26	3.062	5.69
A-15-122			0.00	2694913	172.1	11.55	<5	18	3.061	
A-15-122	505.95	506.60	0.65	2694914	258	16.18	<5	33	3.375	3.41
A-15-122	506.60	507.40	0.80	2694915	217.5	15.79	<5	22	3.318	4.22
A-15-122	507.40	508.40	1.00	2694916	221.4	15.14	<5	25	3.392	5.16
A-15-122	508.40	509.40	1.00	2694917	190.9	14.45	<5	13	3.526	5.6
A-15-122	509.40	510.40	1.00	2694918	158.7	14.28	<5	20	3.498	5.35
A-15-122	510.40	511.30	0.90	2694919	135.7	12.11	<5	29	3.041	4.22
A-15-122	511.30	512.10	0.80	2694920	204.3	21.48	6	14	3.668	4.27
A-15-122	512.10	513.10	1.00	2694921	12	2.02	<5	6	2.681	3.41
A-15-122	513.10	513.90	0.80	2694922	14.2	2.05	<5	6	2.693	2.72
A-15-122			0.00	2694923	1	1.71	5	3	I.S.	0.02
A-15-122	513.90	514.70	0.80	2694924	126.1	12.13	<5	16	3.059	3.36
A-15-122	514.70	515.70	1.00	2694925	142.2	11.99	<5	19	3.154	4.93
A-15-122	515.70	516.50	0.80	2694926	88.2	8.13	<5	26	2.956	3.42
A-15-122	516.50	517.50	1.00	2694927	75.1	7.53	<5	24	3.093	4.66
A-15-122	517.50	518.50	1.00	2694928	71.8	8.8	<5	19	3.622	5.52
A-15-122	518.50	519.30	0.80	2694929	71.9	6.37	<5	20	3.135	3.47
A-15-122	519.30	520.20	0.90	2694930	47.2	4.85	<5	18	3.067	4.15
A-15-122	520.20	521.20	1.00	2694931	3.2	1.66	<5	2	2.723	4.02
A-15-122	521.20	522.00	0.80	2694932	2.9	2.02	<5	<2	2.672	3.45
A-15-122			0.00	2694933	2.7	2.03	<5	<2	2.657	
A-15-122	522.00	523.00	1.00	2694934	2.4	1.71	<5	<2	2.629	3.7
A-15-122	523.00	524.00	1.00	2694935	2.2	2.51	<5	<2	2.732	4.25
A-15-122	524.00	525.00	1.00	2694936	1.7	1.61	<5	<2	2.638	3.85
A-15-122	525.00	526.00	1.00	2694937	1.8	1.32	<5	<2	2.632	3.82
A-15-122	526.00	527.00	1.00	2694938	1.4	1.07	<5	<2	2.638	3.95

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-122	0		42	-64			Y	Collar
A-15-122	32.00	27.4	46.7	-64.5	5867	Reflex EZ Shot	Y	
A-15-122	77.72	22.4	41.7	-64.1	5675	Reflex EZ Shot	Y	
A-15-122	123.44	21.9	41.2	-64.4	5690	Reflex EZ Shot	Y	
A-15-122	169.16	19.8	39.1	-63	5690	Reflex EZ Shot	Y	
A-15-122	217.93	19.5	38.8	-61.9	5687	Reflex EZ Shot	Y	
A-15-122	260.60	19.4	38.7	-61.1	5693	Reflex EZ Shot	Y	
A-15-122	306.32	19.8	39.1	-59.3	5688	Reflex EZ Shot	Y	
A-15-122	352.04	19.7	39	-58.2	5691	Reflex EZ Shot	Y	
A-15-122	397.76	18	37.3	-55.4	5693	Reflex EZ Shot	Y	
A-15-122	443.48	16.2	35.5	-51.3	5691	Reflex EZ Shot	Y	
A-15-122	489.20	15	34.3	-49.1	5695	Reflex EZ Shot	Y	
A-15-122	534.92	17	36.3	-47.5	5691	Reflex EZ Shot	Y	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-122	4.57	7.62	3.05	0.46	15.08%	0	0.00%												
A-15-122	7.62	9.75	2.13	0.47	22.07%	0.00	0.00%												
A-15-122	9.75	10.67	0.92	0.4	43.48%	0.00	0.00%												
A-15-122	10.67	13.72	3.05	2.51	82.30%	1.12	36.72%												
A-15-122	13.72	16.76	3.04	2.58	84.87%	1.86	61.18%												
A-15-122	16.76	19.81	3.05	2.89	94.75%	1.14	37.38%												
A-15-122	19.81	22.86	3.05	2.76	90.49%	1.61	52.79%												
A-15-122	22.86	25.30	2.44	1.88	77.05%	0.36	14.75%												
A-15-122	25.30	28.35	3.05	2.82	92.46%	2.01	65.90%												
A-15-122	28.35	29.57	1.22	0.84	68.85%	0.30	24.59%												
A-15-122	29.57	32.00	2.43	1.6	65.84%	0.14	5.76%												
A-15-122	32.00	35.05	3.05	0.83	27.21%	0.00	0.00%												
A-15-122	35.05	37.19	2.14	1.7	79.44%	0.21	9.81%												
A-15-122	37.19	38.71	1.52	1.05	69.08%	0.37	24.34%												
A-15-122	38.71	41.15	2.44	0	0.00%	0.00	0.00%												
A-15-122	41.15	43.59	2.44	1.96	80.33%	0.30	12.30%												
A-15-122	43.59	44.81	1.22	0.93	76.23%	0.33	27.05%												
A-15-122	44.81	46.33	1.52	1.29	84.87%	0.52	34.21%												
A-15-122	46.33	48.16	1.83	1.4	76.50%	0.85	46.45%												
A-15-122	48.16	49.68	1.52	2.12	139.47%	0.69	45.39%												
A-15-122	49.68	50.60	0.92	0	0.00%	0.00	0.00%												
A-15-122	50.60	53.34	2.74	1.92	70.07%	0.36	13.14%												
A-15-122	53.34	55.17	1.83	1.27	69.40%	0.17	9.29%												
A-15-122	55.17	56.69	1.52	1.23	80.92%	0.68	44.74%												
A-15-122	56.69	58.22	1.53	0.87	56.86%	0.12	7.84%												
A-15-122	58.22	59.44	1.22	1.16	95.08%	0.27	22.13%												
A-15-122	59.44	62.48	3.04	2.3	75.66%	0.37	12.17%												
A-15-122	62.48	65.53	3.05	2.03	66.56%	0.73	23.93%												
A-15-122	65.53	68.58	3.05	2.26	74.10%	0.57	18.69%												
A-15-122	68.58	71.63	3.05	2.13	69.84%	0.15	4.92%												
A-15-122	71.63	74.68	3.05	2.1	68.85%	0.16	5.25%												
A-15-122	74.68	77.72	3.04	1.25	41.12%	0.00	0.00%												
A-15-122	77.72	78.33	0.61	0.35	57.38%	0.00	0.00%												
A-15-122	78.33	80.31	1.98	0.27	13.64%	0.00	0.00%												
A-15-122	80.31	81.69	1.38	0.25	18.12%	0.00	0.00%												
A-15-122	81.69	82.30	0.61	0.19	31.15%	0.00	0.00%												
A-15-122	82.30	83.05	0.75	0.22	29.33%	0.00	0.00%												
A-15-122	83.05	84.74	1.69	0	0.00%	0.00	0.00%												
A-15-122	84.74	85.95	1.21	0.76	62.81%	0.37	30.58%												
A-15-122	85.95	86.56	0.61	0.2	32.79%	0.00	0.00%												
A-15-122	86.56	88.39	1.83	0.55	30.05%	0.00	0.00%												
A-15-122	88.39	89.92	1.53	0.03	1.96%	0.00	0.00%												
A-15-122	89.92	91.44	1.52	0.32	21.05%	0.00	0.00%												
A-15-122	91.44	92.97	1.53	1.32	86.27%	0.25	16.34%												
A-15-122	92.97	94.79	1.82	1.28	70.33%	0.00	0.00%												
A-15-122	94.79	95.40	0.61	0.82	134.43%	0.00	0.00%												
A-15-122	95.40	96.01	0.61	0.41	67.21%	0.10	16.39%												
A-15-122	96.01	98.15	2.14	1.3	60.75%	0.00	0.00%												
A-15-122	98.15	99.06	0.91	0.59	64.84%	0.00	0.00%												
A-15-122	99.06	101.80	2.74	1.57	57.30%	0.00	0.00%												
A-15-122	101.80	104.85	3.05	2.74	89.84%	0.84	27.54%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-122	104.85	106.68	1.83	1.58	86.34%	1.20	65.57%												
A-15-122	106.68	108.21	1.53	1.61	105.23%	1.06	69.28%												
A-15-122	108.21	109.73	1.52	1.53	100.66%	0.47	30.92%												
A-15-122	109.73	111.25	1.52	1.37	90.13%	0.38	25.00%												
A-15-122	111.25	113.39	2.14	1.86	86.92%	1.06	49.53%												
A-15-122	113.39	114.30	0.91	1.08	118.68%	0.86	94.51%												
A-15-122	114.30	117.04	2.74	2.43	88.69%	1.90	69.34%												
A-15-122	117.04	119.63	2.59	2.42	93.44%	0.33	12.74%												
A-15-122	119.63	121.46	1.83	1.31	71.58%	0.00	0.00%												
A-15-122	121.46	123.45	1.99	1.03	51.76%	0.00	0.00%												
A-15-122	123.45	124.21	0.76	0.49	64.47%	0.00	0.00%												
A-15-122	124.21	126.49	2.28	1.44	63.16%	0.00	0.00%												
A-15-122	126.49	129.54	3.05	2.67	87.54%	1.29	42.30%												
A-15-122	129.54	131.83	2.29	1.86	81.22%	0.45	19.65%												
A-15-122	131.83	134.11	2.28	1.44	63.16%	0.11	4.82%												
A-15-122	134.11	135.64	1.53	0.8	52.29%	0.36	23.53%												
A-15-122	135.64	137.16	1.52	1.36	89.47%	0.14	9.21%												
A-15-122	137.16	138.69	1.53	1.57	102.61%	0.38	24.84%												
A-15-122	138.69	140.97	2.28	1.77	77.63%	0.00	0.00%												
A-15-122	140.97	141.73	0.76	0.76	100.00%	0.26	34.21%												
A-15-122	141.73	143.26	1.53	0.89	58.17%	0.00	0.00%												
A-15-122	143.26	144.17	0.91	0.7	76.92%	0.00	0.00%												
A-15-122	144.17	144.93	0.76	0.47	61.84%	0.00	0.00%												
A-15-122	144.93	147.37	2.44	1.82	74.59%	1.23	50.41%												
A-15-122	147.37	150.42	3.05	2.75	90.16%	1.91	62.62%												
A-15-122	150.42	151.32	0.90	0.7	77.78%	0.22	24.44%	1					1						
A-15-122	151.32	153.01	1.69	1.39	82.25%	0.74	43.79%	1					1						
A-15-122	153.01	154.23	1.22	1.1	90.16%	0.14	11.48%												
A-15-122	154.23	156.06	1.83	1.13	61.75%	0.18	9.84%												
A-15-122	156.06	156.97	0.91	0.83	91.21%	0.35	38.46%	>50	>50										
A-15-122	156.97	159.11	2.14	2.67	124.77%	0.99	46.26%												
A-15-122	159.11	161.85	2.74	2.34	85.40%	0.68	24.82%												
A-15-122	161.85	163.98	2.13	2.16	101.41%	0.98	46.01%												
A-15-122	163.98	166.12	2.14	2.07	96.73%	1.06	49.53%	1					1						
A-15-122	166.12	168.56	2.44	2.06	84.43%	0.70	28.69%	>50	>50										
A-15-122	168.56	170.69	2.13	2.11	99.06%	0.26	12.21%												
A-15-122	170.69	171.30	0.61	0.62	101.64%	0.00	0.00%												
A-15-122	171.30	173.43	2.13	1.95	91.55%	0.00	0.00%												
A-15-122	173.43	174.65	1.22	1.08	88.52%	0.00	0.00%												
A-15-122	174.65	175.57	0.92	0.79	85.87%	0.00	0.00%												
A-15-122	175.57	178.31	2.74	1.72	62.77%	0.00	0.00%												
A-15-122	178.31	178.61	0.30	0.44	146.67%	0.10	33.33%												
A-15-122	178.61	180.44	1.83	1.66	90.71%	0.14	7.65%												
A-15-122	180.44	181.36	0.92	0.64	69.57%	0.00	0.00%												
A-15-122	181.36	183.19	1.83	1.41	77.05%	0.75	40.98%												
A-15-122	183.19	183.80	0.61	0.76	124.59%	0.26	42.62%												
A-15-122	183.80	186.84	3.04	2.54	83.55%	1.81	59.54%												
A-15-122	186.84	189.28	2.44	2.1	86.07%	0.00	0.00%												
A-15-122	189.28	190.50	1.22	1.22	100.00%	0.00	0.00%												
A-15-122	190.50	193.55	3.05	2.71	88.85%	0.82	26.89%	28	28.00										
A-15-122	193.55	195.07	1.52	1.5	98.68%	0.57	37.50%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-122	195.07	195.99	0.92	0.67	72.83%	0.12	13.04%												
A-15-122	195.99	198.43	2.44	2.34	95.90%	0.21	8.61%												
A-15-122	198.43	199.65	1.22	1.11	90.98%	0.53	43.44%												
A-15-122	199.65	201.48	1.83	1.62	88.52%	0.47	25.68%												
A-15-122	201.48	202.69	1.21	1.39	114.88%	0.51	42.15%												
A-15-122	202.69	204.52	1.83	1.36	74.32%	0.37	20.22%												
A-15-122	204.52	205.74	1.22	1.35	110.66%	0.14	11.48%												
A-15-122	205.74	208.79	3.05	2.9	95.08%	0.60	19.67%												
A-15-122	208.79	210.31	1.52	1.46	96.05%	0.24	15.79%												
A-15-122	210.31	211.84	1.53	1.28	83.66%	0.22	14.38%												
A-15-122	211.84	212.75	0.91	0.5	54.95%	0.00	0.00%												
A-15-122	212.75	213.97	1.22	1.09	89.34%	0.00	0.00%												
A-15-122	213.97	214.89	0.92	1.21	131.52%	0.11	11.96%	36	36.00										
A-15-122	214.89	216.72	1.83	1.48	80.87%	0.51	27.87%												
A-15-122	216.72	217.93	1.21	1.26	104.13%	0.10	8.26%	>75	>75										
A-15-122	217.93	220.07	2.14	1.85	86.45%	0.16	7.48%												
A-15-122	220.07	220.98	0.91	0.84	92.31%	0.00	0.00%												
A-15-122	220.98	221.90	0.92	0.56	60.87%	0.00	0.00%												
A-15-122	221.90	223.12	1.22	0.97	79.51%	0.12	9.84%												
A-15-122	223.12	223.73	0.61	0.51	83.61%	0.00	0.00%												
A-15-122	223.73	224.34	0.61	0.55	90.16%	0.00	0.00%												
A-15-122	224.34	225.86	1.52	1.21	79.61%	0.48	31.58%												
A-15-122	225.86	227.08	1.22	1.11	90.98%	0.15	12.30%												
A-15-122	227.08	227.99	0.91	0.81	89.01%	0.00	0.00%												
A-15-122	227.99	229.21	1.22	1.19	97.54%	0.11	9.02%												
A-15-122	229.21	230.43	1.22	1.02	83.61%	0.00	0.00%												
A-15-122	230.43	231.35	0.92	0.79	85.87%	0.66	71.74%												
A-15-122	231.35	232.26	0.91	0.62	68.13%	0.00	0.00%	1			1								
A-15-122	232.26	233.17	0.91	0.77	84.62%	0.00	0.00%												
A-15-122	233.17	234.39	1.22	1.2	98.36%	0.00	0.00%												
A-15-122	234.39	235.61	1.22	0.87	71.31%	0.12	9.84%												
A-15-122	235.61	238.35	2.74	2.56	93.43%	0.67	24.45%												
A-15-122	238.35	239.57	1.22	1.28	104.92%	0.11	9.02%												
A-15-122	239.57	240.49	0.92	0.89	96.74%	0.00	0.00%												
A-15-122	240.49	242.62	2.13	2.05	96.24%	0.62	29.11%												
A-15-122	242.62	244.45	1.83	1.82	99.45%	0.39	21.31%												
A-15-122	244.45	245.36	0.91	0.76	83.52%	0.00	0.00%												
A-15-122	245.36	246.58	1.22	0.74	60.66%	0.14	11.48%												
A-15-122	246.58	249.02	2.44	2.33	95.49%	0.28	11.48%												
A-15-122	249.02	250.24	1.22	1.06	86.89%	0.22	18.03%												
A-15-122	250.24	251.46	1.22	0.75	61.48%	0.00	0.00%												
A-15-122	251.46	252.98	1.52	1.49	98.03%	0.42	27.63%												
A-15-122	252.98	253.59	0.61	0.61	100.00%	0.00	0.00%												
A-15-122	253.59	255.42	1.83	1.43	78.14%	0.28	15.30%												
A-15-122	255.42	256.03	0.61	0.64	104.92%	0.00	0.00%												
A-15-122	256.03	257.56	1.53	1.5	98.04%	0.29	18.95%												
A-15-122	257.56	260.60	3.04	2.84	93.42%	1.61	52.96%												
A-15-122	260.60	263.35	2.75	2.68	97.45%	1.05	38.18%												
A-15-122	263.35	265.48	2.13	2.09	98.12%	0.37	17.37%												
A-15-122	265.48	266.70	1.22	1.13	92.62%	0.75	61.48%												
A-15-122	266.70	269.75	3.05	2.96	97.05%	1.75	57.38%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-122	269.75	271.88	2.13	2.05	96.24%	1.42	66.67%												
A-15-122	271.88	273.71	1.83	1.75	95.63%	0.46	25.14%												
A-15-122	273.71	275.84	2.13	2	93.90%	1.07	50.23%												
A-15-122	275.84	277.37	1.53	1.27	83.01%	0.67	43.79%												
A-15-122	277.37	278.89	1.52	1.45	95.39%	0.45	29.61%												
A-15-122	278.89	280.72	1.83	1.48	80.87%	0.17	9.29%												
A-15-122	280.72	282.55	1.83	1.59	86.89%	0.24	13.11%												
A-15-122	282.55	284.07	1.52	1.14	75.00%	0.00	0.00%												
A-15-122	284.07	287.12	3.05	2.82	92.46%	0.96	31.48%												
A-15-122	287.12	288.65	1.53	1.56	101.96%	1.11	72.55%												
A-15-122	288.65	289.56	0.91	0.84	92.31%	0.27	29.67%												
A-15-122	289.56	291.08	1.52	1.29	84.87%	0.19	12.50%												
A-15-122	291.08	292.61	1.53	1.22	79.74%	0.11	7.19%												
A-15-122	292.61	294.13	1.52	0.98	64.47%	0.12	7.89%												
A-15-122	294.13	296.27	2.14	1.62	75.70%	0.11	5.14%												
A-15-122	296.27	297.18	0.91	0.58	63.74%	0.00	0.00%												
A-15-122	297.18	298.09	0.91	0.67	73.63%	0.00	0.00%												
A-15-122	298.09	299.31	1.22	0.77	63.11%	1.00	81.97%												
A-15-122	299.31	300.84	1.53	1.18	77.12%	0.22	14.38%												
A-15-122	300.84	302.97	2.13	2.02	94.84%	0.61	28.64%												
A-15-122	302.97	304.80	1.83	1.51	82.51%	0.38	20.77%												
A-15-122	304.80	305.71	0.91	0.76	83.52%	0.11	12.09%												
A-15-122	305.71	306.63	0.92	0.94	102.17%	0.17	18.48%												
A-15-122	306.63	308.76	2.13	2.04	95.77%	0.59	27.70%												
A-15-122	308.76	310.29	1.53	1.22	79.74%	0.00	0.00%	7	6	1									
A-15-122	310.29	312.42	2.13	2.18	102.35%	0.78	36.62%												
A-15-122	312.42	313.94	1.52	1.33	87.50%	0.85	55.92%												
A-15-122	313.94	315.47	1.53	1.35	88.24%	0.90	58.82%												
A-15-122	315.47	316.38	0.91	0.76	83.52%	0.24	26.37%												
A-15-122	316.38	318.52	2.14	1.67	78.04%	0.92	42.99%												
A-15-122	318.52	319.74	1.22	1.17	95.90%	0.25	20.49%												
A-15-122	319.74	321.56	1.82	1.47	80.77%	0.20	10.99%												
A-15-122	321.56	323.09	1.53	0.54	35.29%	0.00	0.00%												
A-15-122	323.09	323.70	0.61	0.05	8.20%	0.00	0.00%												
A-15-122	323.70	326.14	2.44	2.31	94.67%	0.89	36.48%												
A-15-122	326.14	327.66	1.52	1.37	90.13%	0.00	0.00%												
A-15-122	327.66	328.57	0.91	0.76	83.52%	0.12	13.19%												
A-15-122	328.57	329.79	1.22	0.81	66.39%	0.00	0.00%												
A-15-122	329.79	331.32	1.53	1.24	81.05%	0.32	20.92%	1					1						
A-15-122	331.32	332.23	0.91	0.45	49.45%	0.00	0.00%												
A-15-122	332.23	333.15	0.92	0.56	60.87%	0.00	0.00%												
A-15-122	333.15	334.06	0.91	0.7	76.92%	0.13	14.29%												
A-15-122	334.06	335.58	1.52	1.24	81.58%	0.24	15.79%												
A-15-122	335.58	336.50	0.92	0.86	93.48%	0.00	0.00%												
A-15-122	336.50	338.63	2.13	2.11	99.06%	1.12	52.58%	24	24										
A-15-122	338.63	339.85	1.22	1.2	98.36%	0.79	64.75%	5	5										
A-15-122	339.85	341.08	1.23	0.83	67.48%	0.15	12.20%	3	2		1								
A-15-122	341.08	342.90	1.82	1.42	78.02%	0.69	37.91%	7	4	2		1							
A-15-122	342.90	344.12	1.22	1.07	87.70%	0.23	18.85%												
A-15-122	344.12	345.95	1.83	1.39	75.96%	0.59	32.24%												
A-15-122	345.95	349.00	3.05	2.8	91.80%	1.85	60.66%	2		2									

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-122	349.00	352.04	3.04	2.85	93.75%	1.92	63.16%	1			1								
A-15-122	352.04	355.09	3.05	2.74	89.84%	1.72	56.39%	32	29	3									
A-15-122	355.09	358.14	3.05	2.97	97.38%	1.64	53.77%	19	19										
A-15-122	358.14	360.27	2.13	1.64	77.00%	1.02	47.89%												
A-15-122	360.27	363.32	3.05	2.86	93.77%	1.75	57.38%												
A-15-122	363.32	365.15	1.83	1.72	93.99%	0.90	49.18%												
A-15-122	365.15	366.37	1.22	0.83	68.03%	0.00	0.00%												
A-15-122	366.37	368.50	2.13	1.7	79.81%	0.91	42.72%												
A-15-122	368.50	371.55	3.05	3.03	99.34%	1.38	45.25%												
A-15-122	371.55	374.60	3.05	3.02	99.02%	1.94	63.61%												
A-15-122	374.60	377.65	3.05	2.86	93.77%	2.66	87.21%												
A-15-122	377.65	380.70	3.05	2.96	97.05%	2.62	85.90%												
A-15-122	380.70	383.74	3.04	2.97	97.70%	2.05	67.43%												
A-15-122	383.74	385.27	1.53	1.21	79.08%	0.54	35.29%												
A-15-122	385.27	388.01	2.74	2.7	98.54%	1.97	71.90%												
A-15-122	388.01	390.75	2.74	2.63	95.99%	1.90	69.34%												
A-15-122	390.75	393.80	3.05	2.97	97.38%	2.02	66.23%												
A-15-122	393.80	395.63	1.83	1.7	92.90%	1.20	65.57%												
A-15-122	395.63	397.76	2.13	2.09	98.12%	1.35	63.38%												
A-15-122	397.76	400.81	3.05	2.9	95.08%	1.08	35.41%												
A-15-122	400.81	402.95	2.14	2.1	98.13%	0.67	31.31%												
A-15-122	402.95	405.99	3.04	2.96	97.37%	2.56	84.21%												
A-15-122	405.99	406.30	0.31	0.15	48.39%	0.00	0.00%												
A-15-122	406.30	409.35	3.05	3.6	118.03%	2.80	91.80%												
A-15-122	409.35	412.39	3.04	2.83	93.09%	2.06	67.76%	2					2						
A-15-122	412.39	415.44	3.05	3.01	98.69%	2.38	78.03%												
A-15-122	415.44	415.75	0.31	0.29	93.55%	0.19	61.29%												
A-15-122	415.75	418.80	3.05	3.18	104.26%	2.85	93.44%												
A-15-122	418.80	421.84	3.04	3.13	102.96%	2.79	91.78%												
A-15-122	421.84	422.15	0.31	0.23	74.19%	0.00	0.00%												
A-15-122	422.15	425.20	3.05	2.83	92.79%	2.49	81.64%	1					1						
A-15-122	425.20	427.63	2.43	2.5	102.88%	2.38	97.94%												
A-15-122	427.63	430.69	3.06	2.79	91.18%	2.19	71.57%												
A-15-122	430.69	432.21	1.52	1.51	99.34%	1.51	99.34%												
A-15-122	432.21	435.25	3.04	2.97	97.70%	2.79	91.78%												
A-15-122	435.25	437.39	2.14	2.29	107.01%	2.23	104.21%	1					1						
A-15-122	437.39	440.13	2.74	2.66	97.08%	1.90	69.34%												
A-15-122	440.13	443.19	3.06	2.92	95.42%	2.39	78.10%	20	18	2									
A-15-122	443.19	445.01	1.82	1.64	90.11%	1.08	59.34%												
A-15-122	445.01	448.06	3.05	2.86	93.77%	1.98	64.92%												
A-15-122	448.06	449.28	1.22	1.22	100.00%	0.48	39.34%												
A-15-122	449.28	452.02	2.74	2.78	101.46%	1.74	63.50%							4	4				
A-15-122	452.02	454.15	2.13	1.89	88.73%	1.02	47.89%												
A-15-122	454.15	457.20	3.05	3.09	101.31%	2.53	82.95%	2		1	1								
A-15-122	457.20	458.72	1.52	1.4	92.11%	0.85	55.92%							11	11				
A-15-122	458.72	461.77	3.05	3.01	98.69%	2.06	67.54%												
A-15-122	461.77	462.38	0.61	0.42	68.85%	0.11	18.03%												
A-15-122	462.38	464.82	2.44	2.46	100.82%	2.15	88.11%	3	3										
A-15-122	464.82	467.87	3.05	3.02	99.02%	2.47	80.98%												
A-15-122	467.87	469.39	1.52	1.33	87.50%	1.08	71.05%												
A-15-122	469.39	470.92	1.53	1.67	109.15%	1.27	83.01%	1			1								

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-122	470.92	473.96	3.04	2.89	95.07%	2.55	83.88%	3	2	1				8	8				
A-15-122	473.96	477.01	3.05	3.05	100.00%	2.24	73.44%							4	2	1	1		
A-15-122	477.01	480.06	3.05	3.02	99.02%	1.96	64.26%	3	1		2			1	1				
A-15-122	480.06	483.11	3.05	2.92	95.74%	1.37	44.92%	2	2					6	4	2			
A-15-122	483.11	486.16	3.05	2.92	95.74%	1.64	53.77%	3	3					6	5	1			
A-15-122	486.16	488.29	2.13	1.87	87.79%	1.17	54.93%							1	1				
A-15-122	488.29	491.34	3.05	2.98	97.70%	2.46	80.66%	4	4					14	5	6	3		
A-15-122	491.34	494.39	3.05	3.01	98.69%	2.39	78.36%							8	3	2	3		
A-15-122	494.39	497.43	3.04	3.03	99.67%	2.40	78.95%							3	1	1	1		
A-15-122	497.43	500.48	3.05	3.09	101.31%	2.72	89.18%							13	4	9			
A-15-122	500.48	503.53	3.05	3.05	100.00%	2.28	74.75%	13	13					13	7	2	3	1	
A-15-122	503.53	506.58	3.05	3.05	100.00%	1.69	55.41%	4	4					11	6	4	1		
A-15-122	506.58	509.63	3.05	2.86	93.77%	2.02	66.23%							16	10	3	3		
A-15-122	509.63	512.67	3.04	2.91	95.72%	1.94	63.82%							5	5				
A-15-122	512.67	513.59	0.92	0.73	79.35%	0.17	18.48%	1	1										
A-15-122	513.59	515.72	2.13	1.99	93.43%	1.37	64.32%	2	2					9	3	5	1		
A-15-122	515.72	516.64	0.92	0.9	97.83%	0.29	31.52%	4	4										
A-15-122	516.64	519.68	3.04	3.05	100.33%	2.72	89.47%							27	16	7	4		
A-15-122	519.68	522.73	3.05	3.01	98.69%	2.55	83.61%							1			1		
A-15-122	522.73	525.78	3.05	3.02	99.02%	2.76	90.49%												
A-15-122	525.78	528.83	3.05	3.01	98.69%	2.95	96.72%												
A-15-122	528.83	531.88	3.05	2.95	96.72%	2.81	92.13%												
A-15-122	531.88	534.92	3.04	3.08	101.32%	2.86	94.08%												
A-15-122	534.92	537.97	3.05	3	98.36%	2.81	92.13%												
A-15-122	537.97	541.02	3.05	3.03	99.34%	2.80	91.80%												
A-15-122	541.02	544.07	3.05	2.96	97.05%	2.29	75.08%												
A-15-122	544.07	546.51	2.44	2.34	95.90%	1.46	59.84%												
A-15-122	546.51	547.73	1.22	0.99	81.15%	0.26	21.31%												
A-15-122	547.73	549.55	1.82	1.7	93.41%	1.08	59.34%												
A-15-122	549.55	551.38	1.83	1.71	93.44%	1.25	68.31%												
A-15-122	551.38	553.21	1.83	1.8	98.36%	0.99	54.10%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

TSX-V:CZX
CANADA ZINC METALS CORP.

Akie Property

Drill Hole # A-15-123

Date	July 12th, 2015	Logger	S. Dowler/P. McLaughlin

Collar Orientation

Proposed	
Azimuth	42
Dip	-79
Length (m)	745

Actual	
Azimuth	42
Dip	-79
Length (m)	270.66

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360290
Easting (m)	388362
Elevation (m)	1525
Grid Section	

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	July4th, 2015
Date Completed	July 11th, 2015
Capped	No
Casing	pulled to create space for follow up collar
Drilled Units	Imperial (converted to metric)

Hole Objective: Planned pierce point #8. Intending to intercept mineralization approximately 50-60m downdip A-05-32 to expand indicated resource envelope.

Comments: The magnetic declination for 2015 is 19.3 deg East. Drill was misaligned and need an approximate 13° correction. Pad builder perhaps set timbers with compass near drill?

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	42	-79
32	63.2	-79.6
77.72	42	-79.7
123.45	33.1	-79.2
169.17	30.9	9
214.89	27.9	-78.2
260.61	25.2	-78.5

Hole Summary: Casing had to be pushed to 250' due to extensive faulting within the major formational faults. This hole was abandoned at 270.66m. The drillhole orientation was inconsistent to assumed standard deviation patterns for the project and there was less than 1° dip change over the course of drilling. This would highly influence the projected pierce point for deposit. It was decided to clear out the rods and casing and shallow the next collar to 75°.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-123	0.00	3.05	3.05	Casing	Casing	CS		CS
A-15-123	3.05	29.30	26.25	Grey, soft mudstone	Medium grey, moderately soft, very fine grained mudstone that scratches light grey. The rock contains minor, very fine grained, disseminated, brassy pyrite throughout. Orange limonite is common on fracture planes to a depth of 19m. From 3 - 3.96m the rock is very rubbly --> overburden. In general the rock is competent and well cleaved at 40 - 55 deg TCA. There are a few small fault zones throughout. The lower contact is gradational.	3SH		AKF
A-15-123	29.30	38.00	8.70	Grey mudstones interbedded with light grey mudstone	Light - medium grey, moderately soft, very fine grained, well-bedded, silty mudstone. Some of the light grey beds are pyritic (none are calcareous). The beds are sub-cm to 1cm wide. From 29.87 - 34m there is weakly developed, coarse grained, white nodular barite containing coarse grained, brassy pyrite in the core. Abundant, rubbly quartz-carbonate from 32 - 33.83m. Core is blocky - rubbly. Faulted lower contact.	3TS	4BSH	AKF
A-15-123	38.00	62.18	24.18	Black, siliceous mudstone	Black, very fine grained, siliceous mudstone containing very fine grained, disseminated, brassy pyrite throughout. Core is well cleaved parallel TCA, and also rubbly. There are a few rubbly, gouge zones. INTERP: fractured core is part of a larger fault zone.	4SH		GSF
A-15-123	62.18	131.98	69.80	Mudstone interlaminated with disrupted clacareous silt laminations and beds	This interval is characterized by <1cm to 5cm laminae and beds of very fine to fine, grey to grey black silstone interbedded with a siliceous mudstone. The fine siltsone siltstone beds are commonly disrupted, elongated and microfaulted. Degree of disruption in areas is strong enough to impart an almost clastic/fragmental textures. Carbonate-pyrite blebs are sporadic in this interval. Very fine grained disseminated pyrite throughout mudstone matrix. Unit also contains scattered fine siltstone/pyrite laminae. Core is highly fractured with dominant cleavage oriented at 0-15. INTERP: This unit containing irregular silt bedding is often found between the Akie and Gunsteel formations in the NW corner Akie mountain (?) A large fault zone seems to idendify the major contact between the overlying and udnerlying formation shales. From 60.8 - 71.4m is a concentrated zone of 0.2-0.6cm wide, sub-angular, white, calcareous siltstone clasts containing very fine grained, disseminate pyrite --> possible fining downhole over a couple meters.(SD)	4DSS		GSF
A-15-123	131.98	133.25	1.27	Chert	Medium grey, very fine grained, hard chert interval with a brecciated, low angle upper contact. The rock fractures conchoidally. There are abundant white quartz-carbonate stringers oriented at 70 - 90 deg TCA thhroughout the interval. INTERP: this is possibly a chert boulder in the debris flow; not well bedded.	4CSH		GSF
A-15-123	133.25	171.44	38.19	Mudstone interlaminated with disrupted clacareous silt laminations and bed.	As above. Characterized by a large gougy and rubbly fault at base unit grading to nodular barite gunsteel shale below.	4DSS		GSF
A-15-123	171.44	208.06	36.62	Well bedded mudstone with scattered silty laminations	Black, very fine grained, siliceous mudstone containing disseminated very fine grained, brassy pyrite. Occasional laminations of calcareous silt. One very large 1.5m wide concretion from 189.58-191.90. Scattered thin horizons with finr concretions. Concretions are generally in clusters of 10-30 and they are 0.2 -1 cm in size. Fine laminations of dull brown pyrite at base of unit from 207.95-208.06m above debris flow. Veru minor laminations of fine nodular barite at top of unit. Bedding parallel to cleavage at approximately 45-50° tca.	4SH		GSF
A-15-123	208.06	210.39	2.33	Thin debris flow with laminations of dull brown pyrite.	Thin debris flow interval comprised of perdominantely mudstone with approximately 10% mm to 5cm sized calcareous silty fragments. Fine elongate nodular barite. Upper contact is strongly disrupted and weakyl brecciated with quartz.carbonate veining.	4FSH		GSF
A-15-123	210.39	227.99	17.60	Well bedded mudstone with scattered silty laminations	Black, very fine grained, siliceous mudstone containing disseminated very fine grained, brassy pyrite. Scattered laminations of calcareous and pyritic silt. Scattered thin horizons with fine concretions. Concretions are generally in clusters of 10-30 and they are 0.2 -1 cm in size. Occassional <30cm sections with finely laminated nodular barite. Bedding parallel to cleavage at approximately 30-45° tca.	4SH		GSF
A-15-123	227.99	229.67	1.68	Highly broken and siliceous chert interbed	Medium grey, very fine grained, hard chert interval with a brecciated, irregular upper contact. The rock fractures conchoidally in outside surface. There are abundant white quartz-carbonate stringers oriented at 70 - 90 deg TCA thhroughout the interval.	4CSH		GSF
A-15-123	229.67	270.67	41.00	Well bedded mudstone with scattered silty laminations	Black, very fine grained, siliceous mudstone containing disseminated very fine grained, brassy pyrite. Scattered laminations of calcareous and pyritic silt. Scattered thin horizons with fine concretions. Concretions are generally in clusters of 10-30 and they are 0.2 -1 cm in size. Occassional <30cm sections with finely laminated nodular barite. Bedding parallel to cleavage at approximately 30-45° tca. Scattered wide fault zones noted in structure tab. 1-large calcareous concretion from 266.92-267.75m that is unaffected by faulting.	4SH		GSF
	270.67	**EOH**		Hole abandoned.				

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-15-123	31.5	34	2.5	Abundant rubble of white quartz (90%) - carbonate veining. Where core is competent the angle TCA appears to be 90 deg	30	90
A-15-123	131.98	133.25	1.27	High density white quartz (90%) - carbonate stringers and fracture infill veining, within a chert interval	10	70
A-15-123	147.93	158.94	11.01	Abundant highly irregular and crosscutting quartz and carbonate veining. Veining consists of both high and low angle veining.	15	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-123	4.38	4.39	0.01	cleavage	CLV	45
A-15-123	5.12	5.13	0.01	mudstone	BDG	25
A-15-123	8.65	9.23	0.58	rubble and minor gouge + cataclastite	FLT	
A-15-123	11.22	11.23	0.01	cleavage	CLV	50
A-15-123	15.1	15.11	0.01	cleavage	CLV	50
A-15-123	15.43	15.44	0.01	mudstone	BDG	10
A-15-123	16.54	16.55	0.01	mudstone	BDG	20
A-15-123	18.95	18.96	0.01	cleavage	CLV	60
A-15-123	20.05	20.06	0.01	mudstone	BDG	65
A-15-123	21.01	21.02	0.01	cleavage	CLV	65
A-15-123	24.87	24.88	0.01	cleavage	CLV	45
A-15-123	25.14	25.15	0.01	mudstone	BDG	80
A-15-123	28.4	29.94	1.54	Fault consisting of rubble and gouge. Gouge is consolidated at the upper and lower contact. Upper contact is polished, waxy and contains slickensides suggesting NW/SE movement	FLT	40
A-15-123	32	35.05	3.05	Fault zone characterized by rubble consisting dominantly of quartz-carb vein and akie mudstone. There is minor gouge attached to a few fracture planes.	FLT	
A-15-123	35.72	35.73	0.01	cleavage	CLV	35
A-15-123	38.01	39.93	1.92	This fault zone is characterised by core fragments that are breaking at 0-15 deg TCA intermixed with fault rubble, cataclastite and a significant amount of gouge and clay. The upper contact has a polished fracture plane with slickensides that suggest a near vertical fault, with NE/SW movement	FLT	35
A-15-123	40.5	40.51	0.01	cleavage	CLV	15
A-15-123	47.47	47.48	0.01	cleavage	CLV	0
A-15-123	51.3	62.18	10.88	40cm of consolidated gouge sandwiched by a fracture zone consisting of rock fragments that are thin, angular and breaking at a low angle TCA.	FLT	
A-15-123	65.15	65.16	0.01	cleavage	CLV	10
A-15-123	68	68.01	0.01	cleavage	CLV	5
A-15-123	70.1	70.11	0.01	cleavage	CLV	10
A-15-123	73.86	73.87	0.01	cleavage	CLV	15
A-15-123	73.46	77.55	4.09	Dominantly highly fractured core. Minor gouge on some fracture planes and a few polished fractures planes	FLT	
A-15-123	79.75	79.76	0.01	cleavage	CLV	20
A-15-123	81.97	81.98	0.01	irregular silt bad	BDG	10
A-15-123	85.5	85.51	0.01	cleavage	CLV	10

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-123	88.8	90.25	1.45	Highly fractured core with an angular rubble zone in the middle from 89.4 - 89.9m that is very ground up with gouge. Fault zone is parallel to cleavage. Many polished fracture planes.	FLT	5
A-15-123	91.9	91.91	0.01	cleavage	CLV	0
A-15-123	95.9	95.91	0.01	cleavage	CLV	15
A-15-123	98.45	102.25	3.8	Highly fractured, rubbly fault zone with minor gouge. Many polished fracture planes	FLT	10
A-15-123	105.6	105.61	0.01	cleavage	CLV	0
A-15-123	108.2	108.21	0.01	cleavage	CLV	0
A-15-123	110.6	114.3	3.7	Highly fractured, rubbly fault zone with minor gouge. Many polished fracture planes parallel to cleavage	FLT	0
A-15-123	115.95	115.96	0.01	cleavage	CLV	0
A-15-123	119.79	119.8	0.01	cleavage	CLV	0
A-15-123	123.53	123.54	0.01	cleavage	CLV	0
A-15-123	126.24	126.25	0.01	cleavage	CLV	0
A-15-123	127.85	127.86	0.01	cleavage	CLV	10
A-15-123	130.6	130.61	0.01	cleavage	CLV	0
A-15-123	131.98	131.99	0.01	low anle bedding at upper contact to chert bed.	BDG	7
A-15-123	135.11	135.12	0.01	low angle bedding within dirsupted silty beds	BDG	8
A-15-123	136.66	136.67	0.01	cleavage	CLV	8
A-15-123	137.07	138.99	1.92	abundant low angle fractures and faulty core	FLT	
A-15-123	138.98	138.99	0.01	bedding in disrupted silty laminations	BDG	7
A-15-123	139.78	139.79	0.01	low angle undulating cleavage	CLV	0
A-15-123	139.88	139.89	0.01	bedding in disrupted silty laminations	BDG	7
A-15-123	143.87	143.88	0.01	bedding in disrupted silty laminations	BDG	9
A-15-123	144.59	144.6	0.01	cleavage	CLV	5
A-15-123	146.82	146.83	0.01	cleavage	CLV	13
A-15-123	146.82	189.61	42.79	Major formational fault zone between 4DSS and 4SH. Abundant quartz carbonate veining within the middle of zone. Numerous discing and gougy sections throughout. Highly graphitic fracture coatings especially in giugy sections. Main faulted section seems to terminate at a large 1.5m wide concretion at bottom.	FLT	
A-15-123	149.88	149.89	0.01	low angle beddding preserved within abundant quartz carbonate veining.	BDG	6
A-15-123	152.15	152.16	0.01	low angle beddding preserved within abundant quartz carbonate veining.	BDG	7
A-15-123	152.66	152.67	0.01	wavy cleavage parallel to bedding	CLV	7
A-15-123	153.95	153.96	0.01	bedding	BDG	0
A-15-123	155.2	155.21	0.01	bedding	BDG	2
A-15-123	162.1	162.11	0.01	small interval of preserved cleavage	CLV	22
A-15-123	171.61	171.62	0.01	cleavage within Gunsteel shale	CLV	47

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-123	179.78	179.79	0.01	bedding in Gunsteel shale	BDG	46
A-15-123	182.12	182.13	0.01	cleavage	CLV	71
A-15-123	184.18	184.19	0.01	fine nodules of barite laminations	BDG	61
A-15-123	184.25	184.26	0.01	cleavage	CLV	58
A-15-123	197.35	197.36	0.01	cleavage	CLV	4
A-15-123	198.4	201.03	2.63	fault zone with thin gouge and busted up core weak orientation parallel to cleavage	FLT	35
A-15-123	203.25	203.26	0.01	cleavage	CLV	24
A-15-123	205.33	205.34	0.01	cleavage	CLV	32
A-15-123	207.81	207.82	0.01	bedding in pyritic silty laminations	BDG	30
A-15-123	207.96	207.97	0.01	small fold axis within dull brown pyrite laminations	FA	24
A-15-123	207.48	207.49	0.01	bedding in topmost part of debris flow.	BDG	31
A-15-123	210.03	210.04	0.01	cleavage parallel to bedding	CLV	32
A-15-123	210.98	210.99	0.01	bedding in silty laminations	BDG	33
A-15-123	212.61	212.62	0.01	cleavage	CLV	33
A-15-123	213.44	213.45	0.01	fine nodules of barite laminations	BDG	31
A-15-123	217.61	217.62	0.01	cleavage	CLV	37
A-15-123	219.38	219.39	0.01	faint bedding	BDG	44
A-15-123	220.08	220.09	0.01	bedding	BDG	49
A-15-123	222.21	222.22	0.01	cleavage	CLV	24
A-15-123	222.42	222.43	0.01	silty laminations	BDG	51
A-15-123	224.85	224.86	0.01	bedding	BDG	53
A-15-123	224.89	224.9	0.01	cleavage	CLV	52
A-15-123	226.09	226.1	0.01	bedding	BDG	36
A-15-123	227.4	227.41	0.01	cleavage	CLV	34
A-15-123	231.41	252.33	20.92	fault zone with thick gougy and graphitic intervals. Strong discing outside of gouge.	FLT	
A-15-123	233.82	233.83	0.01	cleavage	CLV	46
A-15-123	235.18	235.19	0.01	strong discing within fault zone.	CLV	45
A-15-123	244.31	244.32	0.01	undulating and wavy low angle celavage	CLV	15
A-15-123	246.39	246.4	0.01	faint silty bedding	BDG	24
A-15-123	246.47	246.48	0.01	cleavage	CLV	21
A-15-123	247.5	252.18	4.68	fault zone, highly broken with scattered gouge.	FLT	
A-15-123	253.04	253.05	0.01	cleavage	CLV	23
A-15-123	253.91	253.92	0.01	faint silty laminations	BDG	29
A-15-123	255.65	255.66	0.01	pyritic laminations	BDG	37
A-15-123	256.64	270.56	13.92	fault zone to end of hole Very gougy and graphitic core. Lower faulting is more or less because of a dominanty very low angle (<10°) cleavage.	FLT	
A-15-123	266.01	266.02	0.01	cleavage	CLV	26
A-15-123	266.25	266.26	0.01	silty laminations	BDG	24
A-15-123	269.32	269.33	0.01	very low angle cleavage	CLV	4
A-15-123	269.95	269.96	0.01	faint bedding	BDG	11
A-15-123	269.99	270	0.01	cleavage	CLV	10

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

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-123	0		42	-79				Collar
A-15-123	32.00	43.9	63.2	-79.6	5275	Reflex EZ shot	*	azimuth not accepted
A-15-123	77.72	22.7	42	-79.7	5794	Reflex EZ shot	Yes	
A-15-123	123.45	13.8	33.1	-79.2	5688	Reflex EZ shot	Yes	
A-15-123	169.17	11.6	30.9	-78.8	5692	Reflex EZ shot	Yes	
A-15-123	214.89	8.6	27.9	-78.2	5683	Reflex EZ shot	Yes	
A-15-123	260.61	5.9	25.2	-78.5	5682	Reflex EZ shot	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-123	3.05	3.96	0.91	0.44	48.35%	0	0.00%												
A-15-123	3.96	7.01	3.05	2.37	77.70%	0.43	14.10%												
A-15-123	7.01	9.14	2.13	1.25	58.69%	0.43	20.19%												
A-15-123	9.14	10.36	1.22	0.89	72.95%	0.38	31.15%												
A-15-123	10.36	12.19	1.83	1.09	59.56%	0.00	0.00%												
A-15-123	12.19	12.80	0.61	0.05	8.20%	0.00	0.00%												
A-15-123	12.80	14.63	1.83	1.07	58.47%	0.54	29.51%												
A-15-123	14.63	16.76	2.13	2.13	100.00%	1.16	54.46%												
A-15-123	16.76	19.81	3.05	2.8	91.80%	1.25	40.98%												
A-15-123	19.81	22.86	3.05	2.92	95.74%	2.14	70.16%												
A-15-123	22.86	25.91	3.05	2.87	94.10%	1.55	50.82%												
A-15-123	25.91	28.65	2.74	1.48	54.01%	0.30	10.95%												
A-15-123	28.65	29.57	0.92	0.52	56.52%	0.18	19.57%												
A-15-123	29.57	29.87	0.30	0.22	73.33%	0.00	0.00%												
A-15-123	29.87	32.00	2.13	1.54	72.30%	0.45	21.13%												
A-15-123	32.00	33.83	1.83	0.42	22.95%	0.00	0.00%												
A-15-123	33.83	35.05	1.22	0.34	27.87%	0.00	0.00%												
A-15-123	35.05	36.27	1.22	1.02	83.61%	0.38	31.15%												
A-15-123	36.27	38.10	1.83	0.54	29.51%	0.37	20.22%												
A-15-123	38.10	39.93	1.83	0.75	40.98%	0.00	0.00%												
A-15-123	39.93	40.54	0.61	0.69	113.11%	0.27	44.26%												
A-15-123	40.54	41.45	0.91	0.77	84.62%	0.56	61.54%												
A-15-123	41.45	44.20	2.75	1.4	50.91%	0.76	27.64%												
A-15-123	44.20	46.33	2.13	1.71	80.28%	1.03	48.36%												
A-15-123	46.33	47.24	0.91	0.91	100.00%	0.55	60.44%												
A-15-123	47.24	50.29	3.05	2.36	77.38%	0.60	19.67%												
A-15-123	50.29	51.51	1.22	0.97	79.51%	0.17	13.93%												
A-15-123	51.51	52.43	0.92	0.31	33.70%	0.14	15.22%												
A-15-123	52.43	53.34	0.91	0.57	62.64%	0.32	35.16%												
A-15-123	53.34	55.17	1.83	1.76	96.17%	0.36	19.67%												
A-15-123	55.17	58.83	3.66	0.65	17.76%	0.00	0.00%												
A-15-123	58.83	59.44	0.61	0.39	63.93%	0.00	0.00%												
A-15-123	59.44	61.27	1.83	1.05	57.38%	0.00	0.00%												
A-15-123	61.27	62.18	0.91	0.71	78.02%	0.00	0.00%												
A-15-123	62.18	64.31	2.13	2.03	95.31%	1.05	49.30%												
A-15-123	64.31	66.14	1.83	1.7	92.90%	0.44	24.04%												
A-15-123	66.14	67.06	0.92	0.71	77.17%	0.71	77.17%												
A-15-123	67.06	68.58	1.52	1.48	97.37%	0.77	50.66%												
A-15-123	68.58	70.41	1.83	1.09	59.56%	0.21	11.48%												
A-15-123	70.41	71.63	1.22	0.5	40.98%	0.23	18.85%												
A-15-123	71.63	73.46	1.83	1.93	105.46%	0.65	35.52%												
A-15-123	73.46	74.68	1.22	0.7	57.38%	0.00	0.00%												
A-15-123	74.68	77.42	2.74	1.39	50.73%	0.00	0.00%												
A-15-123	77.42	80.77	3.35	2.39	71.34%	1.31	39.10%												
A-15-123	80.77	83.82	3.05	2.6	85.25%	1.55	50.82%												
A-15-123	83.82	85.35	1.53	0.78	50.98%	0.22	14.38%												
A-15-123	85.35	86.26	0.91	0.44	48.35%	0.00	0.00%												
A-15-123	86.26	86.87	0.61	0.42	68.85%	0.00	0.00%												
A-15-123	86.87	89.31	2.44	1.85	75.82%	0.74	30.33%												
A-15-123	89.31	89.92	0.61	0.53	86.89%	0.23	37.70%												
A-15-123	89.92	92.97	3.05	2.32	76.07%	1.37	44.92%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-123	92.97	94.79	1.82	0.79	43.41%	0.32	17.58%												
A-15-123	94.79	95.71	0.92	0.73	79.35%	0.48	52.17%												
A-15-123	95.71	98.45	2.74	1.7	62.04%	0.59	21.53%												
A-15-123	98.45	99.06	0.61	0.6	98.36%	0.00	0.00%												
A-15-123	99.06	100.28	1.22	0.68	55.74%	0.00	0.00%												
A-15-123	100.28	101.50	1.22	0.48	39.34%	0.00	0.00%												
A-15-123	101.50	102.11	0.61	0.36	59.02%	0.00	0.00%												
A-15-123	102.11	104.85	2.74	2.14	78.10%	1.40	51.09%												
A-15-123	104.85	107.90	3.05	2.29	75.08%	1.04	34.10%												
A-15-123	107.90	110.95	3.05	2.68	87.87%	1.59	52.13%												
A-15-123	110.95	112.47	1.52	1.15	75.66%	0.00	0.00%												
A-15-123	112.47	113.39	0.92	0.38	41.30%	0.00	0.00%												
A-15-123	113.39	114.30	0.91	0.64	70.33%	0.00	0.00%												
A-15-123	114.30	117.04	2.74	2.24	81.75%	1.70	62.04%												
A-15-123	117.04	118.57	1.53	1.48	96.73%	0.13	8.50%												
A-15-123	118.57	119.79	1.22	0.81	66.39%	0.46	37.70%												
A-15-123	119.79	121.01	1.22	0.93	76.23%	0.39	31.97%												
A-15-123	121.01	121.92	0.91	0.43	47.25%	0.00	0.00%												
A-15-123	121.92	123.45	1.53	1.4	91.50%	1.33	86.93%												
A-15-123	123.45	124.97	1.52	1.21	79.61%	0.98	64.47%												
A-15-123	124.97	126.49	1.52	1.29	84.87%	0.80	52.63%												
A-15-123	126.49	129.54	3.05	2.85	93.44%	1.90	62.30%												
A-15-123	129.54	131.68	2.14	1.73	80.84%	0.97	45.33%												
A-15-123	131.68	134.72	3.04	2.58	84.87%	1.98	65.13%												
A-15-123	134.72	137.47	2.75	2.65	96.36%	1.30	47.27%												
A-15-123	137.47	138.69	1.22	0.87	71.31%	1.05	86.07%												
A-15-123	138.69	140.21	1.52	1.52	100.00%	1.22	80.26%												
A-15-123	140.21	141.73	1.52	0.99	65.13%	0.73	48.03%												
A-15-123	141.73	143.87	2.14	1.99	92.99%	1.31	61.21%												
A-15-123	143.87	144.78	0.91	0.9	98.90%	0.80	87.91%												
A-15-123	144.78	146.92	2.14	1.44	67.29%	0.72	33.64%												
A-15-123	146.92	147.52	0.60	0.58	96.67%	0.23	38.33%												
A-15-123	147.52	149.05	1.53	1.15	75.16%	0.57	37.25%												
A-15-123	149.05	150.27	1.22	1.03	84.43%	0.70	57.38%												
A-15-123	150.27	152.10	1.83	1.32	72.13%	0.71	38.80%												
A-15-123	152.10	154.53	2.43	2.15	88.48%	1.59	65.43%												
A-15-123	154.53	156.97	2.44	2.37	97.13%	1.56	63.93%												
A-15-123	156.97	159.11	2.14	1.97	92.06%	0.20	9.35%												
A-15-123	159.11	160.02	0.91	0.93	102.20%	0.00	0.00%												
A-15-123	160.02	162.46	2.44	2.12	86.89%	0.44	18.03%												
A-15-123	162.46	166.42	3.96	3.25	82.07%	0.12	3.03%												
A-15-123	166.42	168.25	1.83	1.42	77.60%	0.41	22.40%												
A-15-123	168.25	168.86	0.61	0.45	73.77%	0	0.00%												
A-15-123	168.86	170.08	1.22	0.2	16.39%	0	0.00%												
A-15-123	170.08	170.99	0.91	0.56	61.54%	0	0.00%												
A-15-123	170.99	171.3	0.31	0.3	96.77%	0.11	35.48%												
A-15-123	171.3	173.13	1.83	1.65	90.16%	0	0.00%												
A-15-123	173.13	174.35	1.22	0.4	32.79%	0	0.00%												
A-15-123	174.35	175.26	0.91	0.59	64.84%	0	0.00%												
A-15-123	175.26	176.78	1.52	0.58	38.16%	0.14	9.21%												
A-15-123	176.78	177.39	0.61	0.21	34.43%	0	0.00%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-123	177.39	178.31	0.92	0.45	48.91%	0	0.00%												
A-15-123	178.31	180.14	1.83	1.15	62.84%	0	0.00%												
A-15-123	180.14	181.97	1.83	0.83	45.36%	0	0.00%												
A-15-123	181.97	183.49	1.52	0.88	57.89%	0	0.00%												
A-15-123	183.49	184.1	0.61	0.71	116.39%	0	0.00%												
A-15-123	184.1	185.62	1.52	1.4	92.11%	0.29	19.08%												
A-15-123	185.62	186.54	0.92	0.56	60.87%	0	0.00%												
A-15-123	186.54	187.15	0.61	0.32	52.46%	0	0.00%												
A-15-123	187.15	187.76	0.61	0.56	91.80%	0	0.00%												
A-15-123	187.76	188.37	0.61	0.3	49.18%	0	0.00%												
A-15-123	188.37	188.98	0.61	0.36	59.02%	0	0.00%												
A-15-123	188.98	190.5	1.52	0.81	53.29%	0.11	7.24%												
A-15-123	190.5	192.33	1.83	1.93	105.46%	1.35	73.77%	1					1						
A-15-123	192.33	192.94	0.61	0.69	113.11%	0	0.00%												
A-15-123	192.94	193.85	0.91	0.65	71.43%	0	0.00%												
A-15-123	193.85	195.99	2.14	1.55	72.43%	0	0.00%												
A-15-123	195.99	196.39	0.40	0.41	102.50%	0	0.00%												
A-15-123	196.39	198.42	2.03	1.96	96.55%	0.79	38.92%												
A-15-123	198.42	199.34	0.92	0.73	79.35%	0.21	22.83%												
A-15-123	199.34	201.17	1.83	1.29	70.49%	0.1	5.46%												
A-15-123	201.17	201.78	0.61	0.56	91.80%	0.17	27.87%												
A-15-123	201.78	202.69	0.91	0.93	102.20%	0.34	37.36%												
A-15-123	202.69	205.13	2.44	2.34	95.90%	1.13	46.31%												
A-15-123	205.13	206.04	0.91	0.8	87.91%	0.22	24.18%												
A-15-123	206.04	206.96	0.92	0.85	92.39%	0.4	43.48%												
A-15-123	206.96	207.87	0.91	0.86	94.51%	0.56	61.54%												
A-15-123	207.87	209.4	1.53	1.25	81.70%	0.88	57.52%												
A-15-123	209.4	210.31	0.91	0.95	104.40%	0.45	49.45%												
A-15-123	210.31	211.53	1.22	1	81.97%	0.54	44.26%												
A-15-123	211.53	212.75	1.22	1.11	90.98%	0.26	21.31%												
A-15-123	212.75	213.66	0.91	0.99	108.79%	0.39	42.86%												
A-15-123	213.66	214.58	0.92	0.87	94.57%	0.27	29.35%												
A-15-123	214.58	215.8	1.22	0.98	80.33%	0.28	22.95%												
A-15-123	215.8	216.71	0.91	0.89	97.80%	0.3	32.97%												
A-15-123	216.71	217.93	1.22	1.1	90.16%	0.35	28.69%												
A-15-123	217.93	219.15	1.22	1.11	90.98%	0.29	23.77%	27	27										
A-15-123	219.15	219.76	0.61	0.71	116.39%	0	0.00%												
A-15-123	219.76	220.98	1.22	1.16	95.08%	0.1	8.20%												
A-15-123	220.98	221.59	0.61	0.43	70.49%	0	0.00%												
A-15-123	221.59	222.5	0.91	0.83	91.21%	0.34	37.36%												
A-15-123	222.5	223.42	0.92	0.82	89.13%	0	0.00%												
A-15-123	223.42	224.94	1.52	1.25	82.24%	0.11	7.24%												
A-15-123	224.94	225.86	0.92	0.94	102.17%	0.24	26.09%												
A-15-123	225.86	227.08	1.22	1.39	113.93%	0.63	51.64%												
A-15-123	227.08	227.99	0.91	0.65	71.43%	0.14	15.38%												
A-15-123	227.99	229.82	1.83	1.59	86.89%	0.49	26.78%												
A-15-123	229.82	230.73	0.91	0.88	96.70%	0.35	38.46%												
A-15-123	230.73	231.34	0.61	0.59	96.72%	0	0.00%												
A-15-123	231.34	232.26	0.92	0.56	60.87%	0	0.00%												
A-15-123	232.26	232.87	0.61	0.44	72.13%	0	0.00%												
A-15-123	232.87	234.39	1.52	1.16	76.32%	0.1	6.58%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-123	234.39	235.31	0.92	0.89	96.74%	0	0.00%												
A-15-123	235.31	235.92	0.61	0.23	37.70%	0	0.00%												
A-15-123	235.92	236.22	0.30	0.11	36.67%	0	0.00%												
A-15-123	236.22	238.35	2.13	1.3	61.03%	0	0.00%												
A-15-123	238.35	240.18	1.83	0.55	30.05%	0	0.00%												
A-15-123	240.18	241.1	0.92	0.44	47.83%	0	0.00%												
A-15-123	241.1	241.71	0.61	0.47	77.05%	0	0.00%												
A-15-123	241.71	242.93	1.22	0.51	41.80%	0	0.00%												
A-15-123	242.93	244.76	1.83	0.98	53.55%	0	0.00%												
A-15-123	244.76	245.36	0.60	0.62	103.33%	0.00	0.00%												
A-15-123	245.36	247.50	2.14	2.23	104.21%	0.38	17.76%												
A-15-123	247.5	248.41	0.91	0.74	81.32%	0	0.00%												
A-15-123	248.41	251.46	3.05	1.97	64.59%	0.25	8.20%												
A-15-123	251.46	253.59	2.13	1.88	88.26%	0	0.00%												
A-15-123	253.59	254.20	0.61	0.65	106.56%	0	0.00%												
A-15-123	254.2	256.03	1.83	1.57	85.79%	0.45	24.59%												
A-15-123	256.03	256.64	0.61	0.68	111.48%	0	0.00%												
A-15-123	256.64	257.56	0.92	0.95	103.26%	0	0.00%												
A-15-123	257.56	258.47	0.91	0.61	67.03%	0	0.00%												
A-15-123	258.47	259.08	0.61	0.54	88.52%	0	0.00%												
A-15-123	259.08	260.30	1.22	0.5	40.98%	0	0.00%												
A-15-123	260.3	261.52	1.22	0.99	81.15%	0	0.00%												
A-15-123	261.52	263.35	1.83	1.02	55.74%	0	0.00%												
A-15-123	263.35	264.57	1.22	0.53	43.44%	0	0.00%												
A-15-123	264.57	265.18	0.61	0.58	95.08%	0	0.00%												
A-15-123	265.18	266.09	0.91	0.4	43.96%	0	0.00%												
A-15-123	266.09	267.31	1.22	1.32	108.20%	0.23	18.85%	1					1						
A-15-123	267.31	268.22	0.91	0.96	105.49%	0.38	41.76%												
A-15-123	268.22	268.83	0.61	0.54	88.52%	0	0.00%												
A-15-123	268.83	269.75	0.92	0.97	105.43%	0	0.00%												
A-15-123	269.75	270.66	0.91	0.4	43.96%	0	0.00%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

TSX-V:CZX
CANADA ZINC METALS CORP.

Akie Property

Drill Hole # A-15-124

Date	July 26th, 2105	Logger	P. McLaughlin

Collar Orientation

Proposed		Actual	
Azimuth	45	Azimuth	45
Dip	-75	Dip	-75
Length (m)	750	Length (m)	706.88

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360290
Easting (m)	388362
Elevation (m)	1525
Grid Section	

Surveyed Collar Location

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

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ/NQ (@530.35m)
Date Started	July 11th, 2015
Date Completed	July 25th, 2015
Capped	Yes
Casing	Left in hole
Drilled Units	Imperial (converted to metric)

Hole Objective: Re-drill attempt to pierce Cardiac Creek zone 50-60m below A-05-32 between planned points #8 and #10. Previous hole abandoned due to lack of shallowing. Collar inclination shallowed to -75° from -79°.

Comments: The magnetic declination for 2015 is 19.3 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0.00	45	-75.0
38.10	43.2	-76.3
68.58	45.7	-76.2
120.40	40.5	-75.5
166.12	35.7	-75.1
211.84	33.8	-74.1
257.56	32.2	-73.0
300.23	32.8	-72.2
349.00	33.5	-71.4
394.72	34.9	-70.5
440.44	34.6	-70.0
486.16	34.7	-69.1
530.36	36	-68.6
577.60	33.3	-67.5
623.32	32.1	-65.7
669.04	33	-64.8

Hole Summary: Proximal pyrite mineralization occurs from 571.5-601.13m and consists of 30% well bedded dull brown pyrite. Mineralization increases downholeand faint grey sphalerite banding appears and gradually grades into to a weak to moderately developed 4CC unit. There are three main sections of Cardiac Creek mineralization encountered within A-15-124. The first section occurs immediately below the proximal facies pyrite mineralization from 601.13-621.0m and conists of approximately 40% sulphide bedding bedding containing faint and scattered sphalerite laminations. The second section of Cardiac Creek mineralization occurs from 625.8-634.53. A minor interval of 4MPSH separates the first 2 4CC sections as potential product of displacement or stacking. This second Cardiac Creek unit is characterized by 60% suplhide bedding with more observable sphalerite laminations and minor mottling with scatterd veins of Galena. The last section is a well developed Cardiac Creek zone from 640.6-656.41m with 65-70% sulphide bedding throughout. The footwall rocks consists of a relatively thick interval of Gunsteel shale 656.41-669.65m with discretely laminated dull brown pyrite, nodular barite and an abundance of sub-cm concrections (LPSH). Paul River Formational rocks from 669.65-672.15 are composed of both debris flows and fossiliferous limestone. The basal section of this formation at the Road River group contact may contain NIC mineralization. The hole was finished in Road River group calcareous

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-124	0.00	3.05	3.05	Casing	Casing	CS		CS
A-15-124	3.05	28.35	25.30	Medium to dark grey, soft mudstone	Medium grey, moderately soft, very fine grained mudstone that scratches light grey. The rock contains minor, very fine grained, disseminated, brassy pyrite throughout. Orange limonite is common on fracture planes to a depth of 19m. From 3 - 4.57m the rock is very rubbly (regolith). In general the rock is competent and well cleaved throughout approximatley 45-60° TCA. There are a few small fault zones throughout. The lower contact is gradational.	3SH		AKF
A-15-124	28.35	35.36	7.01	Grey mudstones interbedded with light grey mudstone	Light - medium grey, moderately soft, very fine grained, well-bedded, silty mudstone. Some of the light grey beds are pyritic (none are calcareous). Gradational upper contact. Similar to above with calcareous interbeds becoming more obvious. The beds are sub-cm to 1cm wide. Weakly developed, coarse grained, white nodular barite containing sub-cm scale irregular blebs of pyrite within core. Upper conat nared by quartz-carb veining? no obvious contact except a 30cm faulted and gougy sections of core. Bedding is 50-75° tca.	3TS		AKF
A-15-124	35.56	145.94	110.38	Mudstone with less evident disrupted silty laminations and scattered thin clastic horizons.	Disrupted siltstone unit characterized by faint grey very fine to fine irregular silty laminations. This unit is less developed or pronounced than A-15-122 and A-15-123. Upper 15-20m section at contact with Akie contain sub-cm sub rounded dark grey clast/fragments and more consistent with 4SH. Scattered discrete <1m wide clastic beds. Finegrained brassy yellow disseminated pyrite as well as scattered cm-scale blebs.Well developed cleavage at shallow angles (<25° tca). Bedding is predominantly parallel to cleavage. Thin clastic/debris flow horizon from 61.78-63.50m and 75.68-76.77m . INTERP: This unit containing irregular silt bedding is often found between the Akie and Gunsteel formations. A more discrete fault zone seems to idendify the major contact between the overlying and udnerlying formation shales.	4DSS	4FSH	GSF
A-15-124	145.94	149.55	3.61	Black, well bedded mudstone.	Separated by very thick Very think formation fault zone from 124.06-145.94. Low celavage in fault zone.	4SH		GSF
A-15-124	149.55	153.64	4.09	*Shale with fine brassy yellow pyrite and very fine grey silty laminations	Atypical well laminated shale unit with 15% very fine grey to dark grey, finely laminated silt with disseminated brassy yellow pyrite. Laminations experience weak change in orientation with no folding (see pictures). Fine sub mm to mm scale white barite nodules/clasts? Interval sampled for curiosity sake. Bound by both footwall and hangingwall quartz breccia veining. Bedding changes from 10°-90° and back to 10° at base of unit.	4SH		GSF
A-15-124	153.64	158.58	4.94	Well bedded black mudstone	Typical bedded Gunsteel shale. Black, very fine, bedded and laminated shale. Cleavage and bedding where present is parallel and ranges from 25-40° tca. Finely disseminated brassy yellow pyrite.	4SH		GSF
A-15-124	158.58	181.84	23.26	Black mudstone with discrete 10-20cm horizons of nodular barite	Similar to overlying Gunsteel shale with scattered discrete 10-20 cm thick bands with fine laminations of nodular barite. Bedding and cleavage are parallel and ranges from 30-50°. Well cleaved with cleavage strength increasing downhole with stronger discing closer to underlying fault zone. Scattered 10-30cm wide sections with abundant (>50) mm scale concretions. Very fine disseminated brassy yellow pyrite.	4BSH		GSF
A-15-124	181.84	185.08	3.24	Thickly bedded black mudstone	Typical bedded Gunsteel shale. Black, very fine, bedded and laminated shale. Cleavage and bedding is consistent, parallel and ranges from 35-45° tca. Finely disseminated brassy yellow pyrite. The upper contact is marked by a distinct well cleaved fault zone and gouge.	4SH		GSF
A-15-124	185.08	191.92	6.84	Fragmental/debris flow mudstone	This interval is characterized by sub-cm sized to 20cm sized internally laminated siltstone, mudstone and minor calcareous fragments supported by a very fine grained, black, siliceous mudstone matrix. Clasts are sub angular to sub rounded. Carbonate-pyrite blebs are sporadic in this interval. The upper contact is fairly gradational. Mineralized with fine brassy yellow pyrite. Mm scle irregular barite nodules and blebds associated with this unit. Cleavage and bedding is parallel and is approximately 30-40°.	4FSH	4BSH	GSF
A-15-124	191.92	253.96	62.04	Typical thickly bedded black mudstone	Typical bedded Gunsteel shale. Black, very fine, bedded and laminated shale. Cleavage and bedding is consistent, parallel and ranges from 35-45° tca. Finely disseminated brassy yellow pyrite. Gradational contact with overling clastic debris flow. Scattered 10-20cm intervals every 20-30m with abundant mm scales concretions. Rare 20-30cm calcareous concretions. Thin 4FSH from 239.35-240.89m. Finely laminated dull brown pyrite absent of nodular barite from 246.21-246.40m.	4SH		GSF
A-15-124	253.96	258.95	4.99	Thickly bedded mudstone with moderately developed nodular barite laminations.	Black, very fine siliceous mudstone interlaminated with scattered horizons of fine to mdegium grained dnodular barite. Bedding orientations indicate a slight fold but no bedding reversal. Fold axes and nodules oriented parallel to cleavage. Cleavage ranges from 40-50°tca. Very fine disseminated brassy yello pyrite with very rare dull brown pyrite laminations. Unit is well celaved.	4BSH		GSF
	258.95	261.30	2.35	Siliceous mudstone interened	Typical, thickly bedded, siliceous shale interebed. Cleavage approx 45° tca. Very fin disseminated brassy yellow pyrite	4SH		

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-124	261.30	262.26	0.96	Fine to medium grained nodular barite laminations with weakly developed finely laminated dull brown pyrite	Similar to 253.96-258.95m. Nodular barite is fine grained. Locally very fine dull brown pyrite laminations are evident. Poorly developed 4PYSH. Irregular bedding orientation with visible foliding and fold axes parallel to cleavage. No bedding overturning visible.Unit has well developed cleavage.	4BSH	4PYSH	GSF
A-15-124	262.26	275.65	13.39	Thickly bedded mudstone with moderately developed nodular barite laminations.	Black, very fine siliceous mudstone interlaminated with scattered horizons of fine to mdegium grained nodular barite. Bedding orientations indicate a slight fold but no bedding reversal. Fold axes and nodules oriented parallel to cleavage. Cleavage ranges from 40-50°tca. Very fine disseminated brassy yello pyrite with very rare dull brown pyrite laminations. Unit is well celaved. From 272.40-272.90m contains cm-scale fine grey calcareous silty beds.	4BSH		GSF
A-15-124	275.65	342.29	66.64	Typical thickly bedded black Gunsteel shale	Black, very fine, siliceous, well bedded Gunsteel shale. Very finely disseminated brassy yellow pyrite throughout. Scattered fein silty with brassy yellow pyrite laminations throughout. Unit is well cleaved throughout and ranges from 20-60° tca. Bedding orientations are similar. Both measurements decrease from higher angles to lower angles downhol.e observed is parallel or at a slightly higher angle to cleavage. Scattered gougy and rubbly fault zones throughout (noted in structure).	4SH		GSF
A-15-124	342.29	345.77	3.48	Siliceous chert mud interbed	Grey to dark grey, very fine siliceous cherty interbed. Conchoidal like fractures on cores outer surface from drill. Abundant quartz-carbonate veins and microfractures almost normal to cleavage. Cleavage is consistent to bounding Gunsteel shale at approx. 35° tca. Upper contact lost in rubble but lower contact is sharp and ~55° tca. Unit is poorly mineralized. Tension gash veins normal to lower contact, indicating thrust displacement (no surprise really, just neat).	4CSH		GSF
A-15-124	345.77	352.84	7.07	Typical thickly bedded black Gunsteel shale	Black, very fine, siliceous, well bedded Gunsteel shale. Very finely disseminated brassy yellow pyrite throughout. Cleavage and bedding places are nearly parallel and at low to moderate angles TCA (20-45°). Core is more competent than above with better recovery an fault zone are more discrete.	4SH		GSF
A-15-124	352.84	353.61	0.77	Siliceous chert mud interbed	Same as above. Grey to dark grey, very fine siliceous cherty interbed. Conchoidal like fractures on cores outer surface from drill. Abundant quartz-carbonate filled veins and microfractures. Cleavage is consistent to bounding Gunsteel shale at approx. 35° tca. Upper and lower contact is sharp and ~55° tca. Unit is poorly mineralized.	4CSH		GSF
A-15-124	353.61	415.11	61.5	Typical thickly bedded black mudstone	Black, very fine, siliceous, well bedded Gunsteel shale. Very finely disseminated brassy yellow pyrite throughout. Unit is well cleaved throughout and is oriented in one dominant orientation at approx 40-60° tca. Core is more competent than above with better recovery an fault zone are more discrete. Mineralized from 360.65-364.56 with 3% scattered 15-10cm sections with qtz carbonate veining that contains fg-mg red brown Sphalerite (<1% over interval). Noted in mineralization tab. Not sampled. Faint and very finely laminated dull brown pyrite from 398.90-399.07m.	4SH		GSF
A-15-124	415.11	431.16	16.05	Thickly bedded Gunsteel shale with scattered bands of fine nodular barite and fine silty laminations	Black siliceous Gunsteel shale with scattered intebed 5-20cm thick of well laminated fine nodular barite and well laminated black grey to grey silty laminatoins. Cleavage and bedding are parallel/sub-parallel and consistent between 10-20°tca. No obvious evidence of dull brown pyritic laminations. Very finely disseminated brassy yello pyrite.	4BSH		GSF
A-15-124	431.16	472.26	41.1	Typical thickly bedded black mudstone	Black, very fine, siliceous and thickly bedded Gunsteel shale. Very finely disseminated brassy yellow pyrite throughout. Abundant concretions of varying sizes up to 30cm wide. Very competent core and recovery. Beddding and cleavage are predominantly sub-parallel to one another and occur at moderate to low angles TCA (20-50°).	4SH		GSF
A-15-124	472.26	520.68	48.42	Distal pyrite mineralization with folded bands/beds/laminations of nodular barite and dull brown pyrite.	Black shale well interbedded and locally interlaminated with sections of fine nodular barite interlaminated with dull brown pyrite. Concrections diminish quickly downhole form top of unit and are absent below 478.00m. Abundant folding with fold axis sub-parallel to cleavage with no obvious indication of overturning. Observations indicate thst there are only several bands of nodular barite/lam pyrite within the well folded uppermost interval. 'Crumpling' and folding of mineralized beds along core axis stacks beds in core. Below 489.0m crumpling of mineralized interbeds stops, mineralization is less developed and beds are wider spaced.	4PYSH		GSF
A-15-124	520.68	521.34	0.66	Thin grey-dark grey siliceous chert interbed	Very fine, dark grey to grey, siliceous shert interbedd. Abundant quartz carbonate veinlets. Sharp upper and lower contacts.	4CSH		GSF
A-15-124	521.34	525.42	4.08	Distal pyrite mineralization with folded bands/beds/laminations of nodular barite and dull brown pyrite.	Similar to as 472.26-521.68m. Concretions are more prevalent in black shale interbeds. Gradational lower contact to barren thickly bedded mudstone.	4PYSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-124	525.42	571.50	46.08	Typical thickly bedded black mudstone with two thin secondary units noted in description.	Black, very fine, siliceous and thickly bedded Gunsteel shale. Very finely disseminated brassy yellow pyrite throughout. Abundant concretions of varying sizes up to 30cm wide. Very competent core and recovery. Bedding measurement are rare and occur slightly steeper than cleavage (@45-65°tca). Cleavage ranges from 20-40°tca. A small interval of well laminated and bedded dull brown pyrite bands from 566.72-567.51m. Thin fragmental shale immediately above MBSH within strongest section of fault zones from 568.25-569.35m.	4SH		GSF
A-15-124	571.50	601.13	29.63	Moderately thick beds of laminar pyrite, minor nodular barite interbedded with mudstone. Slight increase in Sph laminations downhole. (30% sulphide bedding throughout).	This inteval is characterized by frequent, moderately thick mineralized beds of very finely laminated dull brown pyrite interbedded with very fine grained, siliceous, black mudstone. Mineralization also contains very fine grained, off-white nodular barite with pyritic cores and fine brassy yellow blebs of pyrite. Grey, very fine grained, sub-cm thick bands of laminar sphalerite gradually increase in frequency within mineralized beds downhole. Irregular shaped, rounded, dark grey (0.5-2cm in size) occur in frequently and are not ubiquitous to all mineralized beds. Mineralized beds are planar, vary in thickness from 1-30cm, and are generally oriented at 60 - 70 deg TCA. They are seperated by shale interbeds that are 0.5 - 150cm thick. From 484.52 - 484.83m is a medium grey, densely vein fractured chert with irregular contacts. The uphole contact of the chert is in contact with a sulphide bed.	4MPSH		GSF
A-15-124	601.13	621.00	19.87	Moderately developed Cardiac Creek Zone (40% sulphide bedding)	This interval is characterized by 1-40cm thick mineralized beds of pyrite-sphalerite-galena-quartz-carbonate. The pyrite is very fine grained, dull brown, laminar - bedded, in intervals of 0.2- 4cm in thickness. Pyrite makes up >60% of the total mineralization grading to approximately 40% at base . The sphalerite mineralization is very fine grained grey and laminar and laminations increase downhole and locally mottled with grey quartz carbonate. Unit contains both concretions and laminated 'felted' fragments. Concretions occur primarily in shale interbeds and fragment primarily within mineralized interbeds. Fragments are often irregular, sub-angular to sub-rounded, very fine grained, light grey, 0.5-10cm wide. feinly disseminated bluish grey metallic galena is observed in lower sections of unit associated with Sph-rich bands. Cleavage and bedding orientations are near parallel and ranges from 30-45°tca.	4CC		GSF
A-15-124	621.00	625.80	4.8	Sections with dominantly well laminated dull brown pyrite, fine nodular barite and very few grey mineralized laminations	Section of shale interbedded with well laminated beds of dull brown pyrite and very fine nodular barite. This sections contains no obvious Sph. banding. Interval contains scattered fault zones. Cleavage and bedding angles are parallel @45°tca. The lack of well developed Cardiac Creek mineralization and localized faulting surrounding unit might indicate a thrusted section of MPSH within the main sections of the Cardiac Creek zone.	4MPSH		GSF
A-15-124	625.80	634.53	8.73	Well developed Cardiac Creek mineralization. 55-60% Sulphide bedding	Very similar to abive 4CC from 601.13-621.03m. More developed mineralization with stronger mottling of Sphalerite rich bands and increase in disseminated Galena up to 3%. Sulphide mineralization occurs over 55% of interval.	4CC		GSF
A-15-124	634.53	640.60	6.07	Typical thick bedded siliceous Gunsteel shale	Black, very fine, siliceous and thickly bedded Gunsteel shale. Very finely disseminated brassy yellow pyrite throughout. Very competent core and recovery. Bedding measurement are rare and occur slightly steeper than cleavage (@45-65°tca).	4SH		GSF
A-15-124	640.60	656.41	15.81	Well developed Cardiac Creek mineralization. 65-70% Sulphide bedding	Very similar to above 4CC from 625.80-634.53m. More developed mineralization than above interval with an even stronger mottling of Sphalerite rich bands. Well mineralized with 65-70% sulphide bedding over entire interval. Pyrite occurs at <40% of the total mineralization. More developed mottled mineralized beds contain mm scale vugs/dissolution textures. Bedding is nearly parallel to cleavage however individual laminations can be dirupted and tighly folded. No overturned bedding. Cleavage and bedding ranges from 50-60°tca with cleavage occuring slightly less than bedding.	4CC		GSF
A-15-124	656.41	658.98	2.57	Siliceous black shale interbed	Black, very fine siliceous Gunsteel shale interbed with scattered cm-scale concretions. Not mineralized.	4SH		GSF
A-15-124	658.98	669.65	10.67	Black siliceous shale interlaminated with pyrite and intense mm-scale concretions	Black to dark grey, very fine siliceous Gunsteel shale interlaminated with abundant dull brown to yellow brown very fine pyrite. Present within thicker laminations/beds of pyrite are potentially very fine gray metallic laminations of Sphalerite? Middle section of unit contains an intense occurence of sub cm scale concretions associated with very fine to fine nodules of barite. Nodules and concrection dissappear below 667.0m and laminations increase in thickness and abdundance and absent of fine grey sphalerite laminations.	4LPSH		GSF
A-15-124	669.65	670.25	0.60	Limestone clast dominated debris flow with sulphide stringer replaced mudstone matrix.	Clast supported, polylithic debris flow containing dominantly sub-angular to angular clasts of fossiliferous limestone, grey siltstone. Matrix consists of a very fine siliceous mud thats has been partly replaced by 10% yellow brown fine grained pyrite--> Replaced matrix consistent with characteristic associated with vent proximal alteration.	5BXLS		PRF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-124	670.25	671.35	1.10	Fossiliferous limestone interval within debris flow (or large boulder of limestone in debris flow?).	Small interval of competent fossiliferous limestone. Section is weakly fractured with stringers of yellow brown pyrite. Weak breccia appearance locally which makes me believe it couldt be a large boulder of 5BLS within the PRF debris flow.	5BLS		PRF
A-15-124	671.35	672.15	0.80	Limestone clast dominated debris flow with sulphide stringer replaced mudstone matrix.	Clast supported, polylithic debris flow containing dominantly sub-angular to angular clasts of fossiliferous limestone, grey siltstone. Matrix consists of a very fine siliceous mud thats has been partly replaced by 10% yellow brown fine grained pyrite--> Replaced matrix consistent with characteristic associated with vent proximal alteration.	5BXLS		PRF
A-15-124	672.15	708.66	36.51	Calcareous silstone with weakly developed vent proximal facies alteration and mineralization.	Light grey to grey, fine grained siltstone with irregular, sometimes blebby, discontinuous siltstone beds that are calcareous and weakly pyritic. Patchy calcareous alteration in places gives the appearance of laminated siltstone clasts. From 672.15 to 679.40m unit contains abundant fine stringers containing fine white acicular crystals of barite typical of vent proximal alteration as well as scattered suplhide stringers.	6CSS		RRG
	EOH	**708.66**						

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-15-125	672.15	679.18	7.03	scattered veinlets of fine acicular white barite crystals within RRG siltstone characterized as vent proximal style of alteration.	BAR	2

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-124	360.65	365.42	4.77	3% scattered 15-10cm sections with qtz carbonate veining that contains fg-mg red brown Sphalerite (<1% over interval).	2	1				
A-15-124	571.5	601.13	29.63	Proximal pyite mineralizatio characterized by thickly bedded dull brown pyrite grading to more grey rich laminations of Sph.	25	4.5	0.5	5		
A-15-124	601.13	621	19.87	Moderately developed Cardiac Creek Zone mineralization	25	10	3			
A-15-124	621	625.8	4.8	4MPSH mineralization in between two 4CC units. May be a product of offset faulting.	20	1		7		
A-15-124	625.8	634.53	8.73	Well mineralized 4CC style interval	30	20	5	5		
A-15-124	640.6	656.41	15.81	Well developed 4CC Cardiac Creek mineralization	35	25	5	3		
A-15-124	658.98	667	8.02	Discrete laminations of dull brown to yellow brown very fine pyrite and fine nodular barite below Main 4CC mineralization	20	3	0.1	5		
A-15-124	667	669.65	2.65	abundant lamination of yellow brown pyrite absent of nodular barite.	25					
A-15-124	669.65	672.15	2.5	Replacement stringer mineralization at base of Gunsteel formation rocks.	10	nil				

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-124	356.65	360.54	3.89	quartz carbonate veining associated with silicification features or potentially a thick, discontinuous chert interbed. 5-10cm thick vein with abundant veinlets. Randomly oreinted.	35	
A-15-124	378.64	379.58	0.94	Quartz carbonate breccia veining.	45	
A-15-124	411.31	415.11	3.8	Quartz carbonate veining developed between 4SH and 4BASH. Uppermost 3.0m is the strongest veining with a internal 90cm of strong brecciation.		
A-15-124	588.78	590.83	2.05	A vein zone characterized by abundant irregular quartz carbonate veining. There appears to be a dominant direction of nearly parallel to cleavage 45°tca	50	45

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	4.63	4.64	0.01	cleavage	CLV	44
A-15-124	5.68	5.69	0.01	faint bedding in light grey mud	BDG	48
A-15-124	7.62	13.11	5.49	gougy fault zone	FLT	45
A-15-124	10.75	10.76	0.01	well developed cleavage in competent sections	CLV	49
A-15-124	13.31	13.32	0.01	well developed cleavage in competent sections	CLV	52
A-15-124	14.12	14.13	0.01	cleavage	CLV	22
A-15-124	14.39	16.3	1.91	very broken core with well developed gouge throughout.	FLT	
A-15-124	18.15	18.16	0.01	cleavage	CLV	55
A-15-124	20.12	20.13	0.01	bedding	BDG	54
A-15-124	21.33	21.34	0.01	cleavage	CLV	56
A-15-124	21.51	21.52	0.01	bedding	BDG	41
A-15-124	23.16	23.17	0.01	cleavage	CLV	52
A-15-124	23.18	23.19	0.01	bedding	BDG	37
A-15-124	24.61	24.62	0.01	bedding	BDG	42
A-15-124	25.06	25.07	0.01	cleavage	CLV	60
A-15-124	25.14	25.16	0.01	bedding	BDG	48
A-15-124	26.72	26.93	0.21	fault gouge	FLT	
A-15-124	28.15	28.35	0.2	contact fault zone within Akie formation rocks	FLT	
A-15-124	29.51	29.52	0.01	bedding in well bedded Akie fm mudstone	BDG	66
A-15-124	29.95	29.2	0.25	fault gouge	FLT	60
A-15-124	34.45	34.46	0.01	bedding	BDG	49
A-15-124	35.21	35.45	0.43	fault gouge at contact between 3SH and 4SH	FLT	
A-15-124	36.12	36.13	0.01	cleavage	CLV	23
A-15-124	38.25	38.26	0.01	bedding	BDG	22
A-15-124	38.61	38.62	0.01	bedding	BDG	16
A-15-124	39.43	39.44	0.01	cleavage	CLV	16
A-15-124	41.5	41.51	0.01	cleavage	CLV	22
A-15-124	43.51	43.52	0.01	bedding	BDG	13
A-15-124	43.65	43.66	0.01	cleavage	CLV	18
A-15-124	45.01	45.02	0.01	bedding	BDG	12
A-15-124	48.55	48.56	0.01	bedding	BDG	25
A-15-124	48.6	55.78	7.18	intense fault zone with 1m thick gouge.	FLT	
A-15-124	56.44	56.45	0.01	faint bedding	BDG	21
A-15-124	57.15	75.68	18.53	well developed fault zone. Very rubbly throughout with low angle cleavage planes. Approxaimtely 25% very rubbly and gouge.	FLT	
A-15-124	62.68	62.69	0.01	faint bedding preserved within a clastic horizon	BDG	14
A-15-124	67.58	67.59	0.01	cleavage	CLV	12
A-15-124	67.69	67.7	0.01	bedding	BDG	14
A-15-124	76.56	76.57	0.01	bedding	BDG	10
A-15-124	78.84	78.85	0.01	cleavage	CLV	48
A-15-124	79.43	79.44	0.01	disrupted silty laminations	BDG	20
A-15-124	80.51	80.52	0.01	bedding	BDG	15

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	80.57	80.58	0.01	cleavage	CLV	13
A-15-124	83.61	83.62	0.01	bedding in clastic debris flow horizon	BDG	14
A-15-124	84.78	84.79	0.01	bedding	BDG	13
A-15-124	84.86	84.87	0.01	cleavage	CLV	12
A-15-124	89.92	89.93	0.01	cleavage	CLV	11
A-15-124	93.58	93.59	0.01	bedding within grey silty laminations	BDG	22
A-15-124	95.28	95.29	0.01	very distinct bedding in 10 cm thick clastic horizon.	BDG	17
A-15-124	95.78	95.79	0.01	cleavage	CLV	10
A-15-124	96.01	112.09	16.08	scattered fault zone with thing local gouge.	FLT	
A-15-124	101.01	101.02	0.01	weak bedding	BDG	7
A-15-124	104.9	14.91	0.01	cleavage	CLV	8
A-15-124	109.88	109.89	0.01	disrupted silty laminations	BDG	15
A-15-124	110.41	110.42	0.01	disrupted silty laminations	BDG	8
A-15-124	115.69	115.7	0.01	bedding	BDG	30
A-15-124	117.48	117.49	0.01	cleavage	CLV	24
A-15-124	119.23	119.24	0.01	bedding	BDG	21
A-15-124	119.92	119.93	0.01	bedding	BDG	18
A-15-124	120.51	120.52	0.01	cleavage	CLV	13
A-15-124	122	122.01	0.01	cleavage	CLV	19
A-15-124	124.06	145.94	21.88	Very wide formational fault zone with incredibly gougy sections up to 7m thick. Very well cleaved and parallel tca. Fault marks contact between 4DSS and typical Gunsteel shale. Strongly graphitic.	FLT	0
A-15-124	147.51	147.52	0.01	cleavage	CLV	25
A-15-124	149.65	149.66	0.01	bedding in silty laminations	BDG	58
A-15-124	152.03	152.04	0.01	bedding in silty laminations	BDG	16
A-15-124	152.27	152.28	0.01	bedding in silty laminations	BDG	25
A-15-124	152.35	152.36	0.01	bedding in silty laminations	BDG	35
A-15-124	152.4	152.41	0.01	bedding in silty laminations	BDG	44
A-15-124	152.68	152.69	0.01	high angle very fine silty laminations	BDG	65
A-15-124	152.72	152.73	0.01	high angle very fine silty laminations	BDG	78
A-15-124	152.83	152.84	0.01	bedding in silty laminations	BDG	28
A-15-124	152.97	152.98	0.01	bedding in silty laminations	BDG	18
A-15-124	152.99	153	0.01	cleavage	CLV	20
A-15-124	153.95	154.31	0.01	quartz carbonate filled vein breccia with 50% sub rounded to rounded clasts of mudstone. Not mineralized. Just in the hangingwall to sheared quartz carbaonte veining and fault. Parallel to cleavage	CLV	60
A-15-124	154.31	156	0.01	fault zone. Well developed cleavage with very brittle core. Thin 20cm gouge at upper contact.	FLT	
A-15-124	156.97	156.98	0.01	bedding	BDG	24
A-15-124	158.29	158.3	0.01	cleavage	CLV	31
A-15-124	159.61	159.62	0.01	bedding in fine nodular barite	BDG	33

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	160.31	160.32	0.01	cleavage	CLV	30
A-15-124	161.72	161.73	0.01	cleavage	CLV	29
A-15-124	162.26	162.36	0.01	bedding in fine nodular barite	BDG	34
A-15-124	165.84	165.85	0.01	cleavage	CLV	41
A-15-124	166.4	166.41	0.01	bedding	BDG	28
A-15-124	167.78	167.79	0.01	cleavage	CLV	24
A-15-124	169.08	169.09	0.01	bedding	BDG	33
A-15-124	169.78	169.79	0.01	cleavage	CLV	39
A-15-124	172.51	172.52	0.01	bedding	CLV	45
A-15-124	174.15	174.16	0.01	cleavage	CLV	41
A-15-124	174.58	174.59	0.01	bedding	BDG	34
A-15-124	174.82	181.84	7.02	fault zone. Well developed cleavge at top grading to a heavy brittle gouge at base above competent 4SH.	FLT	45
A-15-124	175.44	175.45	0.01	bedding in fine nodular barite	BDG	55
A-15-124	182.88	182.89	0.01	cleavage	CLV	45
A-15-124	185.18	185.19	0.01	bedding within fragmental debris flow parallel to cleavage	BDG	33
A-15-124	185.29	185.3	0.01	cleavage	CLV	32
A-15-124	188.59	188.6	0.01	bedding within medium grained nodular barite	BDG	32
A-15-124	188.78	188.78	0.01	cleavage	CLV	36
A-15-124	190.5	190.51	0.01	cleavage	CLV	39
A-15-124	190.81	190.82	0.01	faint bedding with fine silt	BDG	38
A-15-124	191.82	191.92	0.1	discrete fault zone with very broken rubble and slight gouge	FLT	35
A-15-124	192.75	192.76	0.01	cleavage	CLV	35
A-15-124	193.55	193.56	0.01	bedding within fine nodular barite	BDG	41
A-15-124	195.68	195.69	0.01	cleavage	CLV	31
A-15-124	197.89	197.9	0.01	bedding	BDG	43
A-15-124	198.58	198.59	0.01	cleavage	CLV	41
A-15-124	199.28	199.29	0.01	bedding	BDG	46
A-15-124	200.93	200.94	0.01	bedding	BDG	42
A-15-124	204.95	204.96	0.01	cleavage	CLV	44
A-15-124	205.42	205.43	0.01	bedding in pyritic silty laminations	BDG	49
A-15-124	206.61	206.92	0.31	fault gouge	FLT	
A-15-124	206.3	206.31	0.01	bedding	BDG	54
A-15-124	208.92	208.93	0.01	cleavage	CLV	42
A-15-124	210.21	210.22	0.01	bedding	BDG	50
A-15-124	211.6	211.61	0.01	cleavage	CLV	45
A-15-124	212.45	212.46	0.01	bedding	BDG	43
A-15-124	213.69	213.7	0.01	cleavage	CLV	52
A-15-124	215.01	215.02	0.01	fine silt laminations	BDG	52
A-15-124	216.61	216.62	0.01	cleavage	CLV	34
A-15-124	218.03	218.04	0.01	bedding	BDG	47
A-15-124	220.63	220.64	0.01	cleavage	CLV	36

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	221.95	221.96	0.01	bedding	BDG	31
A-15-124	222.88	222.89	0.01	cleavage	CLV	39
A-15-124	226.99	227	0.01	cleavage	CLV	46
A-15-124	227.21	227.22	0.01	faint bedding	BDG	37
A-15-124	229.66	229.67	0.01	cleavage	CLV	20
A-15-124	231.81	231.82	0.01	bedding	BDG	39
A-15-124	232.71	232.72	0.01	cleavage	CLV	37
A-15-124	233.15	233.45	0.3	small fault zone	FLT	35
A-15-124	235.73	235.74	0.01	bedding	BDG	39
A-15-124	235.97	235.98	0.01	cleavage	CLV	42
A-15-124	236.38	236.39	0.01	bedding	BDG	34
A-15-124	236.48	236.49	0.01	cleavage	CLV	32
A-15-124	239.15	239.16	0.01	cleavage	CLV	41
A-15-124	239.35	240.89	1.54	Small fault zone associated with a thin fragmental or clastic debris flow within gunsteel shale. Gougy at lower contact.	FLT	45
A-15-124	241.81	241.82	0.01	cleavage	CLV	51
A-15-124	243.91	243.92	0.01	pyritic laminations	BDG	50
A-15-124	242.57	242.58	0.01	cleavage	CLV	42
A-15-124	246.31	246.32	0.01	dull brown finely laminated pyrite	BDG	50
A-15-124	247	247.01	0.01	cleavage	CLV	41
A-15-124	248.45	248.46	0.01	bedding	BDG	40
A-15-124	251.41	251.42	0.01	cleavage	CLV	35
A-15-124	253.53	253.54	0.01	bedding	BDG	41
A-15-124	254.14	254.15	0.01	slight undelating and weakly folded cleavage	CLV	55
A-15-124	253.32	253.33	0.01	fold axis	FA	52
A-15-124	253.42	253.43	0.01	low angle bedding as part of weak fold	BDG	135
A-15-124	253.55	253.56	0.01	bedding returning to normal	BDG	105
A-15-124	253.58	253.59	0.01	fold axis	FA	47
A-15-124	254.21	254.22	0.01	bedding	BDG	55
A-15-124	256.5	256.51	0.01	cleavage	CLV	39
A-15-124	257.86	257.87	0.01	bedding	BDG	51
A-15-124	258.91	258.92	0.01	bedding	BDG	48
A-15-124	259.21	259.22	0.01	cleavage	CLV	40
A-15-124	261.31	261.32	0.01	cleavage	CLV	35
A-15-124	261.55	261.56	0.01	high angle nodular barite laminations associated with small fold within 4pysh	BDG	67
A-15-124	261.79	261.8	0.01	high angle nodular barite laminations associated with small fold within 4pysh	BDG	93
A-15-124	262	262.01	0.01	cleavage	CLV	39
A-15-124	263.41	263.42	0.01	fold axis	FA	32
A-15-124	264.88	264.89	0.01	bedding	BDG	59
A-15-124	265.97	265.98	0.01	bedding in nodular barite	BDG	62
A-15-124	266.42	266.43	0.01	cleavage	CLV	51

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	268.59	268.6	0.01	fold axis	FA	42
A-15-124	270.47	270.48	0.01	bedding in fine nodular barite	BDG	57
A-15-124	271.63	271.64	0.01	bedding	BDG	50
A-15-124	271.86	271.87	0.01	cleavage	CLV	48
A-15-124	272.97	272.98	0.01	bedding	BDG	38
A-15-124	274.08	274.09	0.01	cleavage	CLV	48
A-15-124	275.22	275.23	0.01	bedding in fine nodular barite	BDG	36
A-15-124	278.05	278.06	0.01	cleavage	CLV	58
A-15-124	279.43	279.44	0.01	bedding	BDG	50
A-15-124	281.51	281.52	0.01	cleavage	CLV	49
A-15-124	281.62	281.63	0.01	fine nodular barite laminations	BDG	50
A-15-124	282.9	289.96	7.06	well cleaved sections and weakyl developed faut. Cleavage planes are highly iiregular and undulating along core axis.	FLT	
A-15-124	286.35	286.36	0.01	cleavage	CLV	23
A-15-124	288.16	288.17	0.01	fine nodular barite laminations	BDG	64
A-15-124	290.57	290.58	0.01	cleavage	CLV	26
A-15-124	290.97	290.98	0.01	bedding	BDG	34
A-15-124	292.51	292.52	0.01	cleavage	CLV	36
A-15-124	293.22	293.23	0.01	fine silty lamination	BDG	45
A-15-124	294.63	294.64	0.01	cleavage	CLV	45
A-15-124	295.87	295.88	0.01	discrete nodular barite laminations in 4SH	BDG	49
A-15-124	296.98	296.99	0.01	cleavage	CLV	52
A-15-124	300.1	300.11	0.01	cleavage	CLV	46
A-15-124	301.5	302.06	0.56	small fault zone with very rubbly core and weakly gougy	FLT	30
A-15-124	303.28	303.29	0.01	cleavage	CLV	32
A-15-124	305.59	305.6	0.01	cleavage	CLV	33
A-15-124	305.51	326.41	20.9	Interval is characterized by highly irregular cleavage planes with frequent 10-40cm sections of highly broken and rubbly graphitic core. Poorly developed fault zone perhaps where cleavage is highly dirupted. Not mineralized. An abundance of discontinuous quartz veining as a result of structure.	FLT	
A-15-124	310.51	310.52	0.01	bedding	BDG	41
A-15-124	310.91	310.92	0.01	relative increase in cleavage	CLV	75
A-15-124	318.21	318.22	0.01	cleavage	CLV	40
A-15-124	322.88	322.89	0.01	cleavage	CLV	42
A-15-124	324.36	324.37	0.01	bedding in silty laminations	BDG	34
A-15-124	326.14	326.15	0.01	cleavage	CLV	49
A-15-124	327.69	327.7	0.01	cleavage	CLV	32
A-15-124	331.15	331.16	0.01	silty laminations	BDG	32
A-15-124	332.42	332.43	0.01	cleavage	CLV	34
A-15-124	334.38	334.39	0.01	silty laminations	BDG	29

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	335.68	335.69	0.01	cleavage	CLV	27
A-15-124	336.91	336.92	0.01	bedding	BDG	26
A-15-124	338.58	338.59	0.01	bedding	BDG	31
A-15-124	340.88	340.89	0.01	cleavage	CLV	26
A-15-124	342.8	342.81	0.01	cleavage	CLV	32
A-15-124	345.68	345.91	0.23	discrete fault zone rubbly core and weakly gougy.	FLT	35
A-15-124	346.51	346.52	0.01	faint silty lamination	BDG	43
A-15-124	347.9	347.91	0.01	faint bedding	BDG	24
A-15-124	348.13	348.14	0.01	cleavage	CLV	24
A-15-124	350.84	350.85	0.01	cleavage	CLV	39
A-15-124	352.39	352.4	0.01	cleavage	CLV	54
A-15-124	354.88	354.89	0.01	cleavage	CLV	31
A-15-124	358.11	358.12	0.01	cleavage	CLV	40
A-15-124	360.54	360.55	0.01	cleavage	CLV	49
A-15-124	363.47	363.48	0.01	cleavage	CLV	43
A-15-124	367.42	367.43	0.01	cleavage	CLV	29
A-15-124	368.21	368.22	0.01	bedding	BDG	62
A-15-124	370.13	370.14	0.01	cleavage	CLV	39
A-15-124	371.95	371.96	0.01	bedding	BDG	42
A-15-124	372.95	372.96	0.01	cleavage	CLV	27
A-15-124	375.49	375.5	0.01	cleavage	CLV	34
A-15-124	376.74	376.75	0.01	cleavage	CLV	31
A-15-124	380.17	380.9	0.73	fault zone; Strongly graphitic. Last 25cm is rubbly and weakly gougy. Oriented nearly parallel to cleavage.	FLT	38
A-15-124	382.42	382.43	0.01	cleavage	CLV	33
A-15-124	385.21	385.22	0.01	faint finely laminated	BDG	54
A-15-124	385.47	385.48	0.01	cleavage	CLV	42
A-15-124	386.92	386.93	0.01	fine laminations	BDG	46
A-15-124	387.9	387.91	0.01	cleavage	CLV	59
A-15-124	388.88	388.88	0.01	bedding	BDG	36
A-15-124	390.46	390.47	0.01	bedding	BDG	42
A-15-124	391.92	391.93	0.01	cleavage	CLV	36
A-15-124	393.57	393.58	0.01	bedding	BDG	46
A-15-124	392.85	392.86	0.01	cleavage	CLV	38
A-15-124	395.67	395.68	0.01	bedding	BDG	46
A-15-124	396.36	396.37	0.01	graded bedding indicating up hole as 'tops'	T-UP	49
A-15-124	399	399.01	0.01	bedding	BDG	43
A-15-124	402.94	402.95	0.01	bedding	BDG	46
A-15-124	404.78	404.79	0.01	cleavage	CLV	34
A-15-124	406.76	406.77	0.01	bedding	BDG	45
A-15-124	408.31	408.32	0.01	cleavage	CLV	30
A-15-124	410.58	410.59	0.01	bedding	BDG	58
A-15-124	415.21	415.22	0.01	cleavage	CLV	20

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	415.51	415.52	0.01	bedding in nodular barite	BDG	17
A-15-124	418.65	418.66	0.01	cleavage	CLV	16
A-15-124	418.73	418.74	0.01	bedding in silty laminations	BDG	16
A-15-124	422.25	422.36	0.01	cleavage	CLV	22
A-15-124	422.31	422.32	0.01	bedding in nodular barite	BDG	21
A-15-124	423.18	423.19	0.01	bedding in nodular barite	BDG	17
A-15-124	423.61	423.62	0.01	cleavage	CLV	16
A-15-124	425.17	425.18	0.01	bedding in nodular barite	BDG	14
A-15-124	429.31	429.32	0.01	bedding in nodular barite	BDG	16
A-15-124	429.94	429.95	0.01	cleavage	CLV	18
A-15-124	431.12	431.13	0.01	bedding in nodular barite	BDG	21
A-15-124	432.04	432.05	0.01	faint bedding at a low angle TCA	BDG	18
A-15-124	134.61	134.62	0.01	faind bedding in massive Gunsteel	BDG	24
A-15-124	437.21	437.22	0.01	cleavage	CLV	39
A-15-124	437.45	437.46	0.01	faind bedding in massive Gunsteel	BDG	20
A-15-124	440.3	440.32	0.01	cleavage	CLV	26
A-15-124	443.48	443.49	0.01	cleavage	CLV	21
A-15-124	445.56	445.57	0.01	cleavage	CLV	20
A-15-124	447.6	447.61	0.01	cleavage	CLV	24
A-15-124	450.95	450.96	0.01	cleavage	CLV	26
A-15-124	451.95	452.29	0.34	small rubbly fault zone.	FLT	
A-15-124	453.46	453.47	0.01	cleavage	CLV	25
A-15-124	456.23	456.24	0.01	cleavage	CLV	43
A-15-124	458.73	458.74	0.01	cleavage	CLV	43
A-15-124	461.78	461.79	0.01	cleavage	CLV	42
A-15-124	464.25	464.26	0.01	cleavage	CLV	35
A-15-124	467.01	467.02	0.01	cleavage	CLV	32
A-15-124	469.15	469.16	0.01	folded silty laminations in thickly bedded gunsteeel shale. Undulating bedding with fold axes.	FA	21
A-15-124	469.81	469.82	0.01	silty laminations parallel tca as part of limb of fold.	BDG	0
A-15-124	469.85	469.86	0.01	fold axis	FA	45
A-15-124	472.44	474.45	0.01	bedding	BDG	60
A-15-124	472.66	472.67	0.01	fold axis	FA	35
A-15-124	473.38	473.39	0.01	cleavage	CLV	35
A-15-124	474.17	474.18	0.01	fold axis	FA	28
A-15-124	476.81	476.82	0.01	cleavage	CLV	25
A-15-124	479.18	479.19	0.01	fold axis	FA	31
A-15-124	480.36	480.37	0.01	bedding within laminted pyrite/nod barite horizon	BDG	15
A-15-124	481.51	481.52	0.01	bedding within laminted pyrite/nod barite horizon	BDG	13
A-15-124	481.91	481.92	0.01	fold axis	FA	33
A-15-124	482.47	482.48	0.01	fold axis	FA	24
A-15-124	482.78	482.79	0.01	low angle bedding on limb of folding	BDG	0
A-15-124	483.28	483.29	0.01	fold axis	FA	27
A-15-124	484.25	484.26	0.01	low angle bedding on limb of folding	BDG	8

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	485.25	485.26	0.01	cleavage	CLV	39
A-15-124	486.21	486.22	0.01	bedding	BDG	48
A-15-124	487.49	487.5	0.01	bedding	BDG	53
A-15-124	490.06	490.07	0.01	bedding	BDG	55
A-15-124	490.38	490.39	0.01	cleavage	CLV	49
A-15-124	492.62	492.63	0.01	bedding	BDG	44
A-15-124	493.98	493.99	0.01	cleavage	CLV	49
A-15-124	496.21	496.22	0.01	bedding	BDG	76
A-15-124	498.35	498.36	0.01	cleavage	CLV	41
A-15-124	499.12	499.13	0.01	bedding	BDG	74
A-15-124	501.48	501.49	0.01	cleavage	CLV	29
A-15-124	502.39	502.4	0.01	bedding change?	BDG	123
A-15-124	503.15	503.16	0.01	bedding	BDG	76
A-15-124	503.81	503.82	0.01	cleavage	CLV	30
A-15-124	504.05	504.06	0.01	bedding oriented back to sub-parallel to cleavage	BDG	49
A-15-124	505.84	505.85	0.01	fold axis sub parallel to cleavage	FA	41
A-15-124	505.94	505.95	0.01	bedding	BDG	49
A-15-124	506.98	506.99	0.01	bedding angle increasing	BDG	85
A-15-124	507.23	507.24	0.01	fold axis	FA	21
A-15-124	507.28	507.29	0.01	bedding	BDG	165
A-15-124	507.41	507.42	0.01	bedding flipped	BDG	16
A-15-124	507.6	507.61	0.01	bedding	BDG	0
A-15-124	508.14	508.15	0.01	bedding	BDG	153
A-15-124	508.18	508.19	0.01	cleavage	CLV	28
A-15-124	509.35	509.36	0.01	bedding	BDG	77
A-15-124	510.97	510.98	0.01	bedding	BDG	78
A-15-124	513.4	513.41	0.01	bedding	BDG	137
A-15-124	515.71	515.72	0.01	bedding	BDG	139
A-15-124	516.26	516.27	0.01	beddingb	BDG	132
A-15-124	516.55	516.56	0.01	bedding position has returned to sub-parallel to cleavage	BDG	42
A-15-124	516.65	516.66	0.01	cleavage	CLV	32
A-15-124	518.11	518.12	0.01	bedding	BDG	39
A-15-124	518.45	518.46	0.01	fold axis	FA	22
A-15-124	519.33	519.34	0.01	bedding	BDG	41
A-15-124	519.41	519342	0.01	cleavage	CLV	38
A-15-124	520.03	520.04	0.01	several <cm-thick graded silty bedsb pointing up hole	T-UP	120
A-15-124	524.05	524.05	0.01	bedding	BDG	77
A-15-124	525.42	525.43	0.01	cleavage	CLV	19
A-15-124	527.8	527.81	0.01	cleavage	CLV	41
A-15-124	529.04	529.05	0.01	faint bedding	BDG	76
A-15-124	530.3	530.31	0.01	cleavage	CLV	32
A-15-124	534.31	534.32	0.01	cleavage	CLV	31
A-15-124	536.11	536.12	0.01	bedding in localized nodular barite laminations	BDG	52

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	538.05	538.06	0.01	cleavage	CLV	29
A-15-124	540.77	540.78	0.01	bedding	BDG	57
A-15-124	544.21	544.22	0.01	bedding	BDG	27
A-15-124	545.65	545.66	0.01	cleavage	CLV	25
A-15-124	550.16	550.17	0.01	cleavage	CLV	38
A-15-124	552.02	552.03	0.01	cleavage	CLV	32
A-15-124	555.84	555.85	0.01	cleavage	CLV	37
A-15-124	558.61	558.62	0.01	cleavage	CLV	39
A-15-124	558.71	571.5	12.79	a wide fault zone immediately in the footwall to 4MPSH characterized by broken a highly fault discing core with localized m-scale gougy sections and poor core recovery.	FLT	
A-15-124	567.23	567.24	0.01	thin section of lamination to bedded dull brown pyrite	BDG	39
A-15-124	570.1	570.11	0.01	very low angle silty laminations	BDG	0
A-15-124	571.88	571.89	0.01	cleavage in bedded dill brown pyrite	CLV	42
A-15-124	573.28	573.29	0.01	bedding parallel to cleavage in bedded dull brown pyrite	BDG	39
A-15-124	574.65	574.66	0.01	cleavage	CLV	43
A-15-124	577.85	577.86	0.01	massive dull brown sulphide bedding	BDG	41
A-15-124	578.88	578.89	0.01	cleavage	CLV	38
A-15-124	580.92	580.93	0.01	bedded pyrite with slight grey'ing due to Sph	BDG	42
A-15-124	582.21	582.22	0.01	cleavage	CLV	41
A-15-124	583.8	583.81	0.01	bedded pyrite mineralization	BDG	40
A-15-124	584.75	584.75	0.01	cleavage	CLV	45
A-15-124	585.92	585.93	0.01	bedded pyrite mineralization	BDG	44
A-15-124	587.05	587.06	0.01	cleavage	CLV	24
A-15-124	591.15	591.16	0.01	bedded pyrite mineralization	BDG	46
A-15-124	593.35	593.36	0.01	cleavage	CLV	47
A-15-124	595.65	595.66	0.01	bedded pyrite mineralization	BDG	33
A-15-124	597.02	597.03	0.01	bedded pyrite mineralization	BDG	36
A-15-124	600.01	600.02	0.01	cleavage	CLV	34
A-15-124	601.35	601.36	0.01	bedding	BDG	61
A-15-124	602.27	602.28	0.01	cleavage	CLV	63
A-15-124	604.1	604.11	0.01	bedding	BDG	65
A-15-124	605.45	605.46	0.01	cleavage	CLV	38
A-15-124	607.1	607.11	0.01	bedding	BDG	37
A-15-124	608.07	608.08	0.01	cleavage	CLV	39
A-15-124	608.91	608.92	0.01	bedding	BDG	31
A-15-124	611.35	611.36	0.01	cleavage	CLV	38
A-15-124	612.21	612.22	0.01	bedding	BDG	37
A-15-124	614.03	614.04	0.01	cleavage	CLV	41
A-15-124	616.18	616.19	0.01	bedding	BDG	33
A-15-124	617.39	617.4	0.01	cleavage	CLV	39
A-15-124	618.87	618.88	0.01	bedding	BDG	41

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	620.27	623.76	3.49	weakly developed fault zone. Predominantly well cleaved with scattered rubbly intervals with little gouge. Structure oriented parallel to cleavage?	FLT	40
A-15-124	620.75	620.76	0.01	bedding	BDG	38
A-15-124	621.03	621.04	0.01	cleavage	CLV	44
A-15-124	623.41	623.42	0.01	bedding in MPSH	BDG	46
A-15-124	626.09	626.1	0.01	cleavage	CLV	47
A-15-124	627.81	627.82	0.01	bedding	BDG	45
A-15-124	628.29	628.3	0.01	cleavage	CLV	52
A-15-124	628.92	628.93	0.01	bedding	BDG	53
A-15-124	631.18	631.19	0.01	cleavage	CLV	51
A-15-124	633.01	633.02	0.01	bedding in well mineralized Cardiac Creek zone	BDG	54
A-15-124	636.31	636.31	0.01	cleavage in Gunsteel shale interbed	CLV	49
A-15-124	639.65	639.66	0.01	cleavage in Gunsteel shale interbed	CLV	51
A-15-124	641.36	641.37	0.01	bedding in 4CC mineralization	BDG	55
A-15-124	642.86	642.87	0.01	cleavage	CLV	50
A-15-124	643.89	643.9	0.01	bedding in 4CC mineralization	BDG	61
A-15-124	645.85	645.86	0.01	cleavage	CLV	56
A-15-124	647.35	647.36	0.01	bedding in 4CC mineralization	BDG	62
A-15-124	648.51	648.52	0.01	cleavage	CLV	56
A-15-124	650.19	650.2	0.01	bedding in 4CC mineralization	BDG	66
A-15-124	651.72	651.73	0.01	cleavage	CLV	55
A-15-124	652.78	652.79	0.01	bedding in 4CC mineralization	BDG	62
A-15-124	650.65	650.66	0.01	cleavage	CLV	56
A-15-124	656.52	656.53	0.01	bedding in Gunsteel shale	BDG	32
A-15-124	657.77	657.78	0.01	cleavage	CLV	27
A-15-124	659.27	659.28	0.01	bedding in 4LPSH	BDG	54
A-15-124	661.24	661.25	0.01	cleavage	CLV	47
A-15-124	662.45	662.46	0.01	bedding in 4LPSH	BDG	42
A-15-124	665.07	665.08	0.01	cleavage	CLV	44
A-15-124	665.48	665.49	0.01	discrete dull brown pyrite laminations	BDG	43
A-15-124	667.88	667.89	0.01	cleavage	CLV	38
A-15-124	668.07	668.08	0.01	discrete dull brown pyrite laminations	BDG	43
A-15-124	669.61	669.62	0.01	cleavage	CLV	47
A-15-124	674.58	674.59	0.01	bedding in Silurian silstone	BDG	45
A-15-124	676.01	676.02	0.01	cleavage	CLV	51
A-15-124	677.61	677.62	0.01	bedding in Silurian silstone	BDG	38
A-15-124	681.43	681.44	0.01	cleavage	CLV	43
A-15-124	681.48	681.49	0.01	bedding in Silurian silstone	BDG	45
A-15-124	685.75	685.76	0.01	cleavage	CLV	47
A-15-124	694.01	694.02	0.01	cleavage	CLV	49
A-15-124	695.25	695.26	0.01	muddy siltstone bedding	BDG	52
A-15-124	696.77	696.78	0.01	siltstone bedding	BDG	53
A-15-124	699.68	699.69	0.01	cleavage	CLV	49

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-124	705.21	705.22	0.01	cleavage	CLV	47
A-15-124	706.75	706.76	0.01	bedding	BDG	48

										AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	comments	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM
A-15-124	149.55	151.22	1.67	2694939	irregular grey laminations in shale, potentially r	3.00	97.00		VAN15001965	32.3	52.3	160	1508
A-15-124	151.22	152.08	0.86	2694940	irregular grey laminations in shale, potentially r	5.00	95.00		VAN15001965	30.8	37.3	191.7	1569
A-15-124	152.08	153.64	1.56	2694941	irregular grey laminations in shale, potentially r	1	99		VAN15001965	15.3	52.4	37.4	668
A-15-124	565.71	566.50	0.79	2694942	4SH	0.50	99.50		VAN15001965	48.3	35.2	20.9	15
A-15-124				2694943	Blank BL125				VAN15001965	5.2	84.9	4.6	46
A-15-124	566.50	567.54	1.04	2694944	Bedded dull brown pyrite within fault zone	20.00	80.00		VAN15001965	26.7	138.4	86.3	53
A-15-124	567.54	568.76	1.22	2694945	Bedded shale	3.00	97.00		VAN15001965	53.8	23.1	8.8	1280
A-15-124	568.76	569.98	1.22	2694946	Bedded shale	2.00	98.00		VAN15001965	46.1	35.1	16.8	2253
A-15-124	569.98	571.50	1.52	2694947	bedded shale	2.00	98.00		VAN15001965	35.1	32.4	29.7	761
A-15-124	571.50	572.45	0.95	2694948	4MPSH	60.00	40.00		VAN15001965	37.4	54	644.4	5626
A-15-124	572.45	573.45	1.00	2694949	4MPSH	20.00	80.00		VAN15001965	20.8	35.8	277	5941
A-15-124	573.45	574.55	1.10	2694950	4MPSH	30.00	70.00		VAN15001965	33.9	41	655.4	6185
A-15-124	574.55	575.70	1.15	2694951	4MPSH	40	60.00		VAN15001965	24	37.7	902.4	9456
A-15-124	575.70	576.35	0.65	2694952	4MPSH	2.00	98.00		VAN15001965	2.9	6.7	43.7	899
A-15-124				2694953	CR Duplicate of 2694952				VAN15001965	2.8	6.8	40.8	902
A-15-124	576.35	577.63	1.28	2694954	4MPSH	2.00	98.00		VAN15001965	31.2	43.8	406.2	9186
A-15-124	577.63	579.00	1.37	2694955	4MPSH	45.00	55.00		VAN15001965	42.2	61.4	3291.4	21441
A-15-124	579.00	580.00	1.00	2694956	4MPSH	45.00	55.00		VAN15001965	31.8	39.9	2271.2	16793
A-15-124	580.00	581.00	1.00	2694957	4MPSH	45.00	55.00		VAN15001965	24.1	34.8	1836	14683
A-15-124	581.00	582.00	1.00	2694958	4MPSH	10.00	90.00		VAN15001965	26.3	27.5	964	7437
A-15-124	582.00	583.00	1.00	2694959	4MPSH	70.00	30.00		VAN15001965	39	46.1	2982.1	25017
A-15-124	583.00	584.00	1.00	2694960	4MPSH	45.00	55.00		VAN15001965	30.2	34.8	1726.4	12025
A-15-124	584.00	585.00	1.00	2694961	4MPSH	55.00	45.00		VAN15001965	36.9	35.3	2617.3	14044
A-15-124	585.00	586.00	1.00	2694962	4MPSH	40.00	60.00		VAN15001965	29.1	35.5	2081.8	17665
A-15-124				2694963	STD#PB136			PB136	VAN15001965	10.6	5370.4	23200.5	25486
A-15-124	586.00	587.00	1.00	2694964	4MPSH	30.00	70.00		VAN15001965	27.6	46.6	1989.1	16815
A-15-124	587.00	588.60	1.60	2694965	4MPSH	15.00	85.00		VAN15001965	30.5	44.8	1370.3	8873
A-15-124	588.60	589.90	1.30	2694966	4MPSH	25.00	75.00		VAN15001965	18.6	29.3	1315.8	9438
A-15-124	589.90	591.10	1.20	2694967	4MPSH	40.00	60.00		VAN15001965	27.4	47.5	2320.1	26218
A-15-124	591.10	592.00	0.90	2694968	4MPSH	30.00	70.00		VAN15001965	27.2	51.5	1036	11427
A-15-124	592.00	593.00	1.00	2694969	4MPSH	25.00	75.00		VAN15001965	24.2	44.5	496.6	7260
A-15-124	593.00	594.00	1.00	2694970	4MPSH	40.00	60.00		VAN15001965	25.9	54.4	489.7	5409
A-15-124	594.00	595.00	1.00	2694971	4MPSH	0.00	100.00		VAN15001965	10.2	18.4	25.6	2118
A-15-124	595.00	596.00	1.00	2694972	4MPSH	25.00	75.00		VAN15001965	20.7	56.2	698.6	7348
A-15-124				2694973	Pulp dup of 2694972				VAN15001965	18.6	53.4	675.4	7010
A-15-124	596.00	597.00	1.00	2694974	4MPSH	45.00	55.00		VAN15001965	23.4	31.9	1075.5	11667
A-15-124	597.00	598.00	1.00	2694975	4MPSH	30.00	70.00		VAN15001965	21.5	34.8	571.4	4685
A-15-124	598.00	599.00	1.00	2694976	4MPSH	0.00	100.00		VAN15001965	14.1	10.3	36.1	2082
A-15-124	599.00	600.00	1.00	2694977	4MPSH	0.00	100.00		VAN15001965	8.1	9.4	25.4	1575
A-15-124	600.00	601.13	1.13	2694978	4MPSH	5.00	95.00		VAN15001965	11.5	20.2	175.1	1857
A-15-124	601.13	602.00	0.87	2694979	Weakly developed 4CC	65.00	35.00		VAN15001965	27.1	33.7	1331.3	9803
A-15-124	602.00	603.00	1.00	2694980	Weakly developed 4CC	50.00	50.00		VAN15001965	27.9	34.8	1854.2	25874

				AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
HOLE ID	FROM	TO	LENGTH	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%
A-15-124	149.55	151.22	1.67	0.6	10446	97.4	7.5	53	1.78	39	10.2	4	136	8.5	11	<0.5	92	0.37
A-15-124	151.22	152.08	0.86	0.7	12557	96	7.3	34	1.84	47	10.7	4.1	100	7.6	11.3	<0.5	92	0.4
A-15-124	152.08	153.64	1.56	0.6	7908	71.4	7.5	118	1.74	18	5	4.8	381	4	8.3	<0.5	58	1.43
A-15-124	565.71	566.50	0.79	<0.5	35647	79.8	8.1	75	2.5	27	8.6	2.5	209	<0.5	6.8	<0.5	60	1.12
A-15-124				<0.5	619	14.3	9.5	526	3.57	<5	0.9	2.8	108	<0.5	<0.5	<0.5	94	1.18
A-15-124	566.50	567.54	1.04	1.5	6928	46.1	7.4	148	10.08	57	5.2	2.4	68	<0.5	20.5	<0.5	31	0.23
A-15-124	567.54	568.76	1.22	<0.5	9847	82.9	8.7	349	1.76	18	18.6	3	595	5.4	3.2	<0.5	66	4.81
A-15-124	568.76	569.98	1.22	<0.5	40569	68	8.5	198	1.94	23	10.5	2.5	293	17.7	5.3	<0.5	60	1.99
A-15-124	569.98	571.50	1.52	<0.5	38529	67.3	7.6	263	2.11	18	9.8	2.5	499	6.4	6	<0.5	69	3.68
A-15-124	571.50	572.45	0.95	4	11556	91.9	4.9	283	14.55	99	2.3	2.7	172	41.5	55.3	<0.5	62	0.71
A-15-124	572.45	573.45	1.00	1.9	15100	76	6.8	132	5.12	36	2.5	4.8	129	38.3	17.8	<0.5	66	0.71
A-15-124	573.45	574.55	1.10	3	20731	87.5	5.9	240	9.21	62	4.2	3.1	170	38.2	30.1	<0.5	73	0.81
A-15-124	574.55	575.70	1.15	3.2	24354	79.3	5.9	261	8.34	57	3	3	473	52.6	27.1	<0.5	60	2.52
A-15-124	575.70	576.35	0.65	<0.5	5392	18.7	1.4	219	1.26	5	0.6	0.6	1603	6.4	2	<0.5	31	5.62
A-15-124				<0.5	5154	18.2	1.4	203	1.08	<5	0.5	0.6	1482	5.9	1.9	<0.5	24	6.03
A-15-124	576.35	577.63	1.28	3.1	11986	100.9	8	83	3.86	55	4.5	4.1	270	51	9.7	<0.5	169	0.69
A-15-124	577.63	579.00	1.37	10.1	8274	101.5	4.8	347	17.6	128	1.8	2.5	93	124.2	42.5	0.5	48	0.24
A-15-124	579.00	580.00	1.00	5.2	15259	87.4	5.2	356	12.47	82	1.3	2.7	139	98.7	20.7	<0.5	59	0.52
A-15-124	580.00	581.00	1.00	3.8	43127	77.9	5.6	463	9.55	60	2.3	5	369	81.1	17.7	<0.5	50	1.76
A-15-124	581.00	582.00	1.00	1.5	17146	79.8	7.1	319	4.91	32	3.3	6.6	453	42.8	9.8	<0.5	85	2.18
A-15-124	582.00	583.00	1.00	6.6	15437	91.4	4.7	428	15.98	102	3.6	2.2	244	144.6	34	<0.5	58	1.32
A-15-124	583.00	584.00	1.00	3.6	14795	82.7	5.4	333	9.4	61	3.5	3.2	593	69.4	16.7	<0.5	76	3.08
A-15-124	584.00	585.00	1.00	5.3	17430	89.4	4.8	384	14.59	95	3.2	3	103	89.8	26.4	<0.5	49	0.59
A-15-124	585.00	586.00	1.00	4.8	27584	82.1	5.2	379	10.29	70	2.8	2.6	323	106.7	22.9	<0.5	66	1.56
A-15-124				85.2	410	12.2	14.2	2196	3.29	38	<0.5	0.8	96	166.8	234.2	4.4	24	2.94
A-15-124	586.00	587.00	1.00	4.6	10591	90.9	5.8	246	9.84	71	3.7	3.9	97	96.8	25.5	<0.5	61	0.48
A-15-124	587.00	588.60	1.60	3.7	10893	94.6	6.6	222	7.53	59	3.3	5	129	51.8	20.3	<0.5	88	0.53
A-15-124	588.60	589.90	1.30	2.8	48300	55.5	3.6	353	6.72	37	2.3	2.7	765	54.1	16.5	<0.5	67	1.9
A-15-124	589.90	591.10	1.20	4.4	46995	82.8	5	322	12.38	70	2.6	2.2	624	139.2	37.4	<0.5	57	1.46
A-15-124	591.10	592.00	0.90	2.6	30298	83.7	5.6	261	9.08	50	3.3	3.1	498	64.3	42.9	<0.5	83	0.72
A-15-124	592.00	593.00	1.00	2	27974	85.6	6.6	176	6.63	42	2.9	4.4	606	40.5	27.8	<0.5	55	0.68
A-15-124	593.00	594.00	1.00	3	20548	84	5.5	287	9	60	2.8	3.5	375	33.8	32.3	<0.5	66	1.4
A-15-124	594.00	595.00	1.00	<0.5	9212	69.6	8.9	98	1.82	11	1.7	7	199	14	4.5	<0.5	42	0.71
A-15-124	595.00	596.00	1.00	3.3	13121	76.1	6	223	8.06	56	1.8	4.2	239	44.2	22	<0.5	43	0.97
A-15-124				3.2	13042	71.7	5.7	218	7.91	55	1.8	4.1	234	42.4	21.1	<0.5	44	0.95
A-15-124	596.00	597.00	1.00	3.2	25932	78.2	5.4	282	9.78	59	2.2	2.4	466	63.6	13	<0.5	59	0.86
A-15-124	597.00	598.00	1.00	2.5	23382	76.4	5.4	227	8.48	58	2.1	2.8	451	28.7	11.4	<0.5	44	1.06
A-15-124	598.00	599.00	1.00	<0.5	11562	58.8	6.9	201	1.79	10	2.5	5.9	327	12.6	1.3	<0.5	59	1.94
A-15-124	599.00	600.00	1.00	<0.5	11205	47.5	6.4	374	1.49	7	1.4	5.2	333	9.8	1.2	<0.5	43	4.04
A-15-124	600.00	601.13	1.13	0.7	18507	58.8	6.4	280	3.25	20	1.8	5.3	345	10.6	3.5	<0.5	58	1.97
A-15-124	601.13	602.00	0.87	4.8	52380	82.8	4.3	397	13.62	86	2	0.9	605	53.7	16.8	<0.5	41	2.28
A-15-124	602.00	603.00	1.00	4.9	44588	82	4.9	429	13.03	76	2.7	1.4	432	135.3	16.1	<0.5	64	2

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-124	149.55	151.22	1.67	0.055	17.8	6	0.06	2262	0.004	0.53	<0.01	0.22	<0.5	0.22	1.6	1	1.82	<5
A-15-124	151.22	152.08	0.86	0.063	17	5.7	0.06	1758	0.004	0.54	<0.01	0.22	<0.5	0.22	1.3	1.3	1.95	<5
A-15-124	152.08	153.64	1.56	0.072	17.3	7.1	0.06	1691	0.004	0.43	<0.01	0.23	<0.5	0.11	1.8	0.7	1.77	<5
A-15-124	565.71	566.50	0.79	0.027	13.8	5.4	0.06	857	0.004	0.47	<0.01	0.17	0.7	0.18	1.8	5	2.6	<5
A-15-124				0.061	7.7	18.4	0.76	145	0.179	2	0.27	0.25	0.6	<0.05	4.9	<0.5	<0.05	6
A-15-124	566.50	567.54	1.04	0.033	11.2	4.9	0.04	187	0.004	0.46	<0.01	0.18	<0.5	0.89	1.2	28.3	11.92	<5
A-15-124	567.54	568.76	1.22	0.06	15.7	5.7	0.09	2169	0.005	0.42	<0.01	0.21	0.5	0.13	2.8	3.7	1.99	<5
A-15-124	568.76	569.98	1.22	0.031	13.1	5.2	0.2	1352	0.004	0.46	<0.01	0.17	<0.5	0.29	2.6	5.9	2.16	<5
A-15-124	569.98	571.50	1.52	0.02	13	4.9	0.49	1155	0.004	0.44	<0.01	0.17	<0.5	0.13	2.8	2.6	2.2	<5
A-15-124	571.50	572.45	0.95	0.026	11.6	4.6	0.1	142	0.004	0.49	<0.01	0.21	<0.5	1.03	1.6	25.1	16.82	<5
A-15-124	572.45	573.45	1.00	0.052	20.4	8.4	0.06	408	0.005	0.56	<0.01	0.27	<0.5	0.45	2.2	11.4	5.69	<5
A-15-124	573.45	574.55	1.10	0.05	14.4	6.3	0.14	254	0.004	0.66	<0.01	0.22	<0.5	0.67	2.8	19.4	10.68	<5
A-15-124	574.55	575.70	1.15	0.042	15.5	7.5	0.1	270	0.004	0.56	<0.01	0.2	<0.5	0.81	1.7	24.4	9.43	<5
A-15-124	575.70	576.35	0.65	0.018	2.7	4.5	0.2	2722	0.002	0.14	<0.01	0.05	<0.5	<0.05	1.8	1.2	1.01	<5
A-15-124				0.018	2.7	3.7	0.2	2471	0.001	0.11	<0.01	0.04	<0.5	0.06	1	1	1.01	<5
A-15-124	576.35	577.63	1.28	0.11	23.8	21.9	0.06	835	0.008	0.68	<0.01	0.31	<0.5	0.23	3.3	9.4	4.45	<5
A-15-124	577.63	579.00	1.37	0.014	7.6	7.8	0.08	91	0.003	0.36	<0.01	0.17	<0.5	0.55	1.8	66.5	21.16	<5
A-15-124	579.00	580.00	1.00	0.02	7.7	8.8	0.21	104	0.005	0.51	<0.01	0.26	<0.5	0.39	3	48.2	15.1	<5
A-15-124	580.00	581.00	1.00	0.036	18.8	6.9	0.36	115	0.003	0.38	<0.01	0.17	<0.5	0.35	3.8	35.1	11.92	<5
A-15-124	581.00	582.00	1.00	0.061	35.8	11.5	0.29	475	0.006	0.61	<0.01	0.28	<0.5	0.18	3.5	17	5.45	<5
A-15-124	582.00	583.00	1.00	0.029	10.6	8.3	0.16	109	0.004	0.38	<0.01	0.18	<0.5	0.7	2.7	70.4	19.44	<5
A-15-124	583.00	584.00	1.00	0.049	15.4	10.5	0.25	232	0.005	0.53	<0.01	0.24	<0.5	0.33	3.7	37.8	11.48	<5
A-15-124	584.00	585.00	1.00	0.035	13.3	7.2	0.2	207	0.004	0.53	<0.01	0.18	<0.5	0.47	2.6	58.6	17.3	<5
A-15-124	585.00	586.00	1.00	0.037	12.9	10	0.26	172	0.005	0.47	<0.01	0.24	<0.5	0.42	3.3	49.9	12.87	<5
A-15-124				0.049	3.5	24.2	0.59	84	0.062	0.86	0.04	0.2	4.2	0.35	1.7	1	2.73	<5
A-15-124	586.00	587.00	1.00	0.049	16.5	8.3	0.14	204	0.005	0.47	<0.01	0.22	<0.5	0.44	2.9	42.7	12.52	<5
A-15-124	587.00	588.60	1.60	0.058	21.3	11.9	0.18	280	0.007	0.61	<0.01	0.3	<0.5	0.25	2.5	31.1	8.73	<5
A-15-124	588.60	589.90	1.30	0.073	13	12.8	0.24	344	0.004	0.3	<0.01	0.14	<0.5	0.29	2.9	23.2	6.87	<5
A-15-124	589.90	591.10	1.20	0.047	9.7	8.3	0.2	129	0.003	0.37	<0.01	0.13	0.5	0.63	3.4	58.9	15.21	<5
A-15-124	591.10	592.00	0.90	0.03	14.1	9.7	0.13	221	0.005	0.57	<0.01	0.25	<0.5	0.31	2.7	35	10.63	<5
A-15-124	592.00	593.00	1.00	0.031	17.3	6.9	0.12	335	0.005	0.45	<0.01	0.23	<0.5	0.22	2.6	21.8	7.43	<5
A-15-124	593.00	594.00	1.00	0.033	14.5	9.6	0.26	231	0.005	0.49	<0.01	0.23	<0.5	0.19	3	27.6	10.52	<5
A-15-124	594.00	595.00	1.00	0.064	25	6.7	0.19	1234	0.004	0.48	<0.01	0.27	<0.5	0.07	2.5	3	2.17	<5
A-15-124	595.00	596.00	1.00	0.037	13.5	6.6	0.18	163	0.003	0.42	<0.01	0.2	<0.5	0.22	2.2	24.8	10.15	<5
A-15-124				0.038	13.4	6.7	0.18	155	0.003	0.41	<0.01	0.2	<0.5	0.18	2	25.3	9.98	<5
A-15-124	596.00	597.00	1.00	0.037	9.5	8.2	0.18	134	0.004	0.45	<0.01	0.18	<0.5	0.39	2	33	12.1	<5
A-15-124	597.00	598.00	1.00	0.04	10.7	7.4	0.2	168	0.003	0.36	<0.01	0.17	<0.5	0.19	1.9	23.2	10.1	<5
A-15-124	598.00	599.00	1.00	0.073	18.4	8.9	0.32	1006	0.004	0.54	<0.01	0.27	<0.5	<0.05	2.5	2.7	1.97	<5
A-15-124	599.00	600.00	1.00	0.065	16.6	6.1	0.28	1058	0.003	0.37	<0.01	0.2	<0.5	<0.05	2.4	2.1	1.73	<5
A-15-124	600.00	601.13	1.13	0.062	17.6	9.4	0.22	677	0.004	0.64	<0.01	0.27	<0.5	<0.05	2.3	7.5	3.63	<5
A-15-124	601.13	602.00	0.87	0.034	4.9	4.7	0.18	201	0.002	0.28	<0.01	0.1	<0.5	0.38	1.9	51	15.47	<5
A-15-124	602.00	603.00	1.00	0.041	5.2	9.9	0.23	267	0.003	0.67	<0.01	0.17	<0.5	0.57	2.6	62.2	15.86	<5

				AQ270	SPG01	WGHT	AQ371	AQ371
				Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	PPM	NONE	KG	%	%
A-15-124	149.55	151.22	1.67	11	2.533	2.4		
A-15-124	151.22	152.08	0.86	15	2.543	3.73		
A-15-124	152.08	153.64	1.56	5	2.526	6.43		
A-15-124	565.71	566.50	0.79	4	2.629	1.77		
A-15-124				<2	I.S.	0.02		
A-15-124	566.50	567.54	1.04	6	2.776	2.52		
A-15-124	567.54	568.76	1.22	5	2.541	4.15		
A-15-124	568.76	569.98	1.22	3	2.594	2.94		
A-15-124	569.98	571.50	1.52	4	2.629	3.59		
A-15-124	571.50	572.45	0.95	40	2.975	2.91		
A-15-124	572.45	573.45	1.00	19	2.678	2.51		
A-15-124	573.45	574.55	1.10	24	2.837	2.33		
A-15-124	574.55	575.70	1.15	23	2.842	2.95		
A-15-124	575.70	576.35	0.65	4	2.63	1.4		
A-15-124				3	2.642			
A-15-124	576.35	577.63	1.28	24	2.675	3.1		
A-15-124	577.63	579.00	1.37	35	2.973	2.96		
A-15-124	579.00	580.00	1.00	22	2.967	3.28		
A-15-124	580.00	581.00	1.00	17	2.962	3.02		
A-15-124	581.00	582.00	1.00	11	2.743	2.18		
A-15-124	582.00	583.00	1.00	31	3.107	2.97		
A-15-124	583.00	584.00	1.00	19	2.884	2.8		
A-15-124	584.00	585.00	1.00	23	3.062	2.69		
A-15-124	585.00	586.00	1.00	22	2.964	2.48		
A-15-124				2	I.S.	0.02		
A-15-124	586.00	587.00	1.00	25	2.871	2.76		
A-15-124	587.00	588.60	1.60	18	2.797	3.94		
A-15-124	588.60	589.90	1.30	16	2.838	3.3		
A-15-124	589.90	591.10	1.20	38	3.038	3.39		
A-15-124	591.10	592.00	0.90	49	2.858	2.45		
A-15-124	592.00	593.00	1.00	24	2.795	2.41		
A-15-124	593.00	594.00	1.00	23	2.853	2.97		
A-15-124	594.00	595.00	1.00	9	2.676	2.7		
A-15-124	595.00	596.00	1.00	13	2.847	2.96		
A-15-124				17	2.835			
A-15-124	596.00	597.00	1.00	16	2.916	2.58		
A-15-124	597.00	598.00	1.00	10	2.892	2.21		
A-15-124	598.00	599.00	1.00	5	2.607	2.61		
A-15-124	599.00	600.00	1.00	4	2.597	2.6		
A-15-124	600.00	601.13	1.13	6	2.713	3.22		
A-15-124	601.13	602.00	0.87	14	3.117	3		
A-15-124	602.00	603.00	1.00	18	3.094	2.53		

										AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**comments**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-124	603.00	604.00	1.00	2694981	Weakly developed 4CC	30.00	70.00		VAN15001965	18.8	31.5	969.5	16929
A-15-124	604.00	605.00	1.00	2694982	Weakly developed 4CC	50.00	50.00		VAN15001965	28.4	63	1515.5	17566
A-15-124				2694983	Blank BL125				VAN15001965	5.3	90	4.3	47
A-15-124	605.00	606.00	1.00	2694984	Weakly developed 4CC	35.00	65.00		VAN15001965	19.5	37.7	837.2	8128
A-15-124	606.00	607.00	1.00	2694985	Weakly developed 4CC	15.00	85.00		VAN15001965	21.2	27.3	726.1	7526
A-15-124	607.00	608.00	1.00	2694986	Weakly developed 4CC	65.00	35.00		VAN15001965	28.5	34.9	2479.4	33754
A-15-124	608.00	609.00	1.00	2694987	Weakly developed 4CC	40.00	60.00		VAN15001965	26.4	59.4	1563.1	15984
A-15-124	609.00	610.00	1.00	2694988	Weakly developed 4CC	0.00	100.00		VAN15001965	9.3	16.3	229.5	1375
A-15-124	610.00	611.00	1.00	2694989	Weakly developed 4CC	0.00	100.00		VAN15001965	10.4	14.6	134.7	2215
A-15-124	611.00	612.00	1.00	2694990	Weakly developed 4CC	50.00	50.00		VAN15001965	23.5	55.2	2179	30973
A-15-124	612.00	613.00	1.00	2694991	Weakly developed 4CC	45.00	55.00		VAN15001965	22.3	41	3181.2	25795
A-15-124	613.00	614.00	1.00	2694992	Weakly developed 4CC	10.00	90.00		VAN15001965	13.5	23.6	838.4	7614
A-15-124				2694993	CR Duplicate of 2694992				VAN15001965	13.1	23.7	791.1	7668
A-15-124	614.00	615.00	1.00	2694994	Weakly developed 4CC	60.00	40.00		VAN15001965	24.5	50.3	3842.8	39447
A-15-124	615.00	616.00	1.00	2694995	Weakly developed 4CC	45.00	55.00		VAN15001965	18.6	37.2	4038	25629
A-15-124	616.00	617.00	1.00	2694996	Weakly developed 4CC	75.00	25.00		VAN15001965	25.7	52.2	5261.2	46055
A-15-124	617.00	618.00	1.00	2694997	Weakly developed 4CC	75.00	25.00		VAN15001965	23.9	42.5	7105.5	52344
A-15-124	618.00	619.00	1.00	2694998	Weakly developed 4CC	80.00	20.00		VAN15001965	23.4	43.7	10755.8	76447
A-15-124	619.00	620.00	1.00	2694999	Weakly developed 4CC	25.00	75.00		VAN15001965	17.6	38.5	5136.4	41616
A-15-124	620.00	621.00	1.00	2695000	Weakly developed 4CC	15.00	85.00		VAN15001965	24.1	38.7	5479.6	40945
A-15-124	621.00	622.00	1.00	2695001	4MPSH	5.00	95.00		VAN15001965	12.1	23	2387.9	17326
A-15-124	622.00	623.00	1.00	2695002	4MPSH	25.00	75.00		VAN15001965	34.3	53.6	4022.7	23699
A-15-124				2695003	STD #PB129			PB129	VAN15001965	3.8	2798.7	11527.1	20823
A-15-124	623.00	624.00	1.00	2695004	4MPSH	50.00	50.00		VAN15001965	26.8	40.1	6461	32212
A-15-124	624.00	625.00	1.00	2695005	4MPSH	35.00	65.00		VAN15001965	21.2	33.5	5261.5	31001
A-15-124	625.00	625.80	0.80	2695006	4MPSH	25.00	75.00		VAN15001965	20.9	30.8	4316.1	16943
A-15-124	625.80	627.00	1.20	2695007	4CC	75.00	25.00		VAN15001965	34.3	43.8	8969.7	53168
A-15-124	627.00	628.00	1.00	2695008	4CC	50.00	50.00		VAN15001965	24.9	37.1	8943.6	51977
A-15-124	628.00	629.00	1.00	2695009	4CC	75.00	25.00		VAN15001965	28.8	39.4	10110.5	67081
A-15-124	629.00	630.10	1.10	2695010	4CC	70.00	30.00		VAN15001965	28.3	48.3	10063	60770
A-15-124	630.10	630.95	0.85	2695011	4CC	0.00	100.00		VAN15001965	25.7	20.1	1682	6586
A-15-124	630.95	632.07	1.12	2695012	4CC	50.00	50.00		VAN15001965	26.6	44.7	5474.6	27161
A-15-124				2695013	Pulp dup of 2695012				VAN15001965	25.2	47.3	5463.8	26489
A-15-124	632.07	633.13	1.06	2695014	4CC	85.00	15.00		VAN15001965	23.7	43.4	19317.5	101359
A-15-124	633.13	634.53	1.40	2695015	4CC	75	25.00		VAN15001965	19	87	>40000.0	186176
A-15-124	634.53	636.00	1.47	2695016	4SH	2.00	98.00		VAN15001965	15.5	15.1	1078	2083
A-15-124	636.00	637.50	1.50	2695017	4SH	2.00	98.00		VAN15001965	19	23.1	417.9	2570
A-15-124	637.50	639.00	1.50	2695018	4SH	2.00	98.00		VAN15001965	18.8	22	325.3	2514
A-15-124	639.00	640.60	1.60	2695019	4SH	2.00	98.00		VAN15001965	18.2	16.8	421.2	2949
A-15-124	640.60	641.60	1.00	2695020	4CC	90.00	10.00		VAN15001965	10.5	87.9	33805.3	154697
A-15-124	641.60	642.86	1.26	2695021	4CC	70.00	30.00		VAN15001965	20.6	49.8	24276.8	110152
A-15-124	642.86	643.95	1.09	2695022	4CC	80.00	20.00		VAN15001965	18	56.9	36122.1	133761

				AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
HOLE ID	FROM	TO	LENGTH	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%
A-15-124	603.00	604.00	1.00	2.8	29156	72.4	5.9	262	6.58	40	2.6	3.2	513	90.9	11.4	<0.5	45	1.11
A-15-124	604.00	605.00	1.00	4.5	26715	88.9	5.4	330	12.03	68	2.4	2.1	360	98.2	26.9	<0.5	52	1.32
A-15-124				<0.5	600	13.7	9.4	520	3.37	<5	0.9	3	96	<0.5	<0.5	<0.5	95	1.1
A-15-124	605.00	606.00	1.00	2.8	23094	76.6	5.8	217	7.83	49	2.4	3.2	306	41.8	12.3	<0.5	45	0.82
A-15-124	606.00	607.00	1.00	2.1	24933	75.7	6.5	235	6.08	38	2.7	3.2	515	42.3	8.1	<0.5	60	0.92
A-15-124	607.00	608.00	1.00	6.9	29702	77	3.7	407	14.55	87	1.8	0.7	357	183.6	18.4	<0.5	43	0.88
A-15-124	608.00	609.00	1.00	4.3	21147	87	5.4	258	9.79	61	2.3	1.6	407	86.8	21.9	<0.5	58	0.6
A-15-124	609.00	610.00	1.00	0.6	8474	63.6	7.4	142	2.3	14	1.5	5.8	211	9.5	4.5	<0.5	33	0.8
A-15-124	610.00	611.00	1.00	<0.5	11216	68.4	8.1	125	1.85	8	2.1	6.6	274	14.5	3.2	<0.5	54	0.86
A-15-124	611.00	612.00	1.00	5.5	47241	68	3.8	410	11.94	60	2.4	1.1	2156	162	31.9	<0.5	52	2.87
A-15-124	612.00	613.00	1.00	4.7	43006	78.5	5.4	345	9.35	43	3	1.6	666	138.3	29.1	<0.5	73	0.96
A-15-124	613.00	614.00	1.00	1.4	34957	65.7	6.6	114	3.04	14	2.1	4.2	1013	37.9	8.6	<0.5	48	0.79
A-15-124				1.3	34637	64.7	6.8	133	3.1	15	2.3	4.3	1006	39.4	8.9	<0.5	65	0.75
A-15-124	614.00	615.00	1.00	6	57865	72.7	4.4	388	11.71	48	3.5	1.2	775	216.8	40.5	<0.5	56	1.45
A-15-124	615.00	616.00	1.00	3.3	58777	67.6	5.3	274	6.15	22	3.8	2.5	1094	155.1	24.7	<0.5	74	1.24
A-15-124	616.00	617.00	1.00	7.1	46627	70.3	4.6	370	11.37	40	4.4	1.4	594	265.6	45.1	<0.5	89	0.77
A-15-124	617.00	618.00	1.00	7.5	47951	66.9	4.4	417	10.28	40	3.6	1.2	532	312.8	32.9	<0.5	106	1.17
A-15-124	618.00	619.00	1.00	11.2	54744	64.5	3.3	595	12.61	56	2.5	<0.5	526	458.6	35.3	<0.5	52	1.59
A-15-124	619.00	620.00	1.00	5.4	57405	71.5	5.1	364	7.24	32	2.3	0.9	1135	269.7	19.2	<0.5	50	1.8
A-15-124	620.00	621.00	1.00	6.3	55540	73.2	4.9	457	8.46	43	2.7	0.7	755	236.1	23.7	<0.5	58	2.21
A-15-124	621.00	622.00	1.00	2.7	25777	47.9	3.6	270	3.97	24	1.5	1.3	890	106.2	10.2	<0.5	39	1.31
A-15-124	622.00	623.00	1.00	8	9837	106.9	6.1	285	10.5	75	3.8	1.8	232	157.5	22.3	<0.5	98	0.31
A-15-124				25.5	893	10.3	10.2	756	3.08	11	<0.5	1	70	132.6	37.1	0.7	35	1
A-15-124	623.00	624.00	1.00	9.7	15591	74.2	4.2	353	14.35	72	3	1.5	403	221.7	25.8	<0.5	43	0.54
A-15-124	624.00	625.00	1.00	7.2	22771	68.1	4.7	382	10.39	52	2.5	1.3	446	205.1	15.9	<0.5	49	0.82
A-15-124	625.00	625.80	0.80	3.4	20401	72.5	5.8	414	5.96	30	3	3.5	456	103.8	9.8	<0.5	54	1.21
A-15-124	625.80	627.00	1.20	12	29223	81.9	3.7	549	17.15	76	3.2	<0.5	335	349.9	26	<0.5	63	0.95
A-15-124	627.00	628.00	1.00	11.3	30706	70.1	4	483	15.74	70	2.3	0.7	396	334	20.1	<0.5	56	0.78
A-15-124	628.00	629.00	1.00	13	36983	74.8	3.7	537	15.54	75	2.4	<0.5	322	426.9	22.3	<0.5	50	1.11
A-15-124	629.00	630.10	1.10	13.3	22556	78.8	4.5	536	14.07	67	3.3	1	385	388.2	25.3	<0.5	72	0.91
A-15-124	630.10	630.95	0.85	1.2	10206	91.9	7.9	92	1.47	10	5.2	4.6	102	43.8	2.9	<0.5	81	0.41
A-15-124	630.95	632.07	1.12	10.9	20920	79.6	4.9	376	11.38	62	2.9	1.8	399	173.6	21.1	<0.5	66	0.83
A-15-124				10.2	20915	75.1	4.5	366	11.01	58	3	1.9	384	163.5	21.7	<0.5	68	0.82
A-15-124	632.07	633.13	1.06	24	32592	59.2	3	592	15.18	67	3	0.7	320	629.8	21.2	<0.5	49	1.02
A-15-124	633.13	634.53	1.40	30	36308	50.3	2.7	674	9.23	59	3.4	0.6	345	997.7	32.2	<0.5	52	1.49
A-15-124	634.53	636.00	1.47	1.1	6441	68.8	6.6	203	1.61	9	3.6	5.4	235	14.6	4.7	<0.5	55	1.27
A-15-124	636.00	637.50	1.50	0.9	9673	82.5	7.9	222	2.02	14	3.9	6.1	531	18.8	5.8	<0.5	65	1.67
A-15-124	637.50	639.00	1.50	0.9	9793	79.3	8	260	1.86	12	4.1	5.8	826	20.2	5.1	<0.5	50	2.18
A-15-124	639.00	640.60	1.60	0.9	9070	77	7.9	235	1.81	10	4.5	6.1	342	24.1	4.3	<0.5	72	1.91
A-15-124	640.60	641.60	1.00	35.3	34736	42.1	2.4	784	13.85	36	2.2	<0.5	447	1155.9	41.5	<0.5	36	1.15
A-15-124	641.60	642.86	1.26	27.1	43357	53.7	3.5	590	10.19	25	3.6	0.9	513	754.3	22.7	<0.5	90	0.74
A-15-124	642.86	643.95	1.09	33.9	61335	43.3	2.7	599	10.52	27	3	<0.5	612	1000.9	26.2	<0.5	68	1.37

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-124	603.00	604.00	1.00	0.047	8.5	5.9	0.21	278	0.003	0.37	<0.01	0.16	<0.5	0.32	2	33.4	8.18	<5
A-15-124	604.00	605.00	1.00	0.035	5.9	7.8	0.18	172	0.004	0.39	<0.01	0.19	0.6	0.35	1.7	52.7	14.93	<5
A-15-124				0.058	7.2	18.4	0.75	136	0.164	1.9	0.25	0.22	0.7	<0.05	3.7	<0.5	<0.05	<5
A-15-124	605.00	606.00	1.00	0.056	7.9	7.2	0.18	212	0.003	0.38	<0.01	0.18	<0.5	0.22	1.6	35.7	9.46	<5
A-15-124	606.00	607.00	1.00	0.043	9	9	0.24	315	0.004	0.46	<0.01	0.21	<0.5	0.17	2.2	25.2	7.06	<5
A-15-124	607.00	608.00	1.00	0.012	2.3	6.9	0.18	111	0.002	0.27	<0.01	0.11	<0.5	0.74	1.8	96.6	18.88	<5
A-15-124	608.00	609.00	1.00	0.017	5	8.7	0.13	153	0.003	0.39	<0.01	0.19	<0.5	0.32	1.5	56.1	12.05	<5
A-15-124	609.00	610.00	1.00	0.041	12	5.6	0.27	742	0.002	0.39	<0.01	0.22	<0.5	<0.05	2.6	7.1	2.74	<5
A-15-124	610.00	611.00	1.00	0.072	12.8	8.6	0.29	965	0.003	0.57	<0.01	0.27	<0.5	<0.05	2.5	3.7	2.04	<5
A-15-124	611.00	612.00	1.00	0.038	3.4	6.8	0.24	197	0.002	0.26	<0.01	0.12	0.6	0.58	2.4	83.2	14.92	<5
A-15-124	612.00	613.00	1.00	0.024	4.9	8.3	0.24	184	0.003	0.48	<0.01	0.16	0.5	0.56	3.5	74.1	11.66	<5
A-15-124	613.00	614.00	1.00	0.027	7.3	5.6	0.17	509	0.002	0.39	<0.01	0.17	<0.5	0.17	3.2	17.3	3.62	<5
A-15-124				0.029	8.4	8.3	0.19	618	0.003	0.54	<0.01	0.23	<0.5	0.13	3.9	17.9	3.51	<5
A-15-124	614.00	615.00	1.00	0.025	3.7	6	0.22	223	0.002	0.33	<0.01	0.12	<0.5	0.8	2.7	100.8	14.51	<5
A-15-124	615.00	616.00	1.00	0.031	5.6	7.8	0.26	365	0.003	0.56	<0.01	0.16	<0.5	0.58	3.8	58.8	7.29	<5
A-15-124	616.00	617.00	1.00	0.019	3.8	7.8	0.24	201	0.002	0.45	<0.01	0.09	<0.5	0.98	4.4	117.9	15.06	<5
A-15-124	617.00	618.00	1.00	0.019	2.4	11.5	0.25	175	0.003	0.4	<0.01	0.11	<0.5	1.27	4.4	120.7	13.79	<5
A-15-124	618.00	619.00	1.00	0.011	1.1	7.8	0.26	216	0.001	0.2	<0.01	0.08	<0.5	1.83	3.6	166.6	17.59	<5
A-15-124	619.00	620.00	1.00	0.012	1.3	6.7	0.25	204	0.002	0.3	<0.01	0.15	0.5	1.04	3.5	83.7	9.86	<5
A-15-124	620.00	621.00	1.00	0.014	1.6	7.2	0.17	231	0.002	0.33	<0.01	0.14	0.5	0.98	2.2	106.2	10.52	<5
A-15-124	621.00	622.00	1.00	0.015	2	6.1	0.09	475	0.002	0.22	<0.01	0.11	<0.5	0.45	1.3	44.3	4.85	<5
A-15-124	622.00	623.00	1.00	0.035	3.6	12.2	0.09	154	0.003	0.37	<0.01	0.18	0.7	0.66	1.3	105.6	13.21	<5
A-15-124				0.083	10	22.8	1.36	210	0.103	1.85	0.06	0.21	<0.5	0.13	2.1	<0.5	1.77	5
A-15-124	623.00	624.00	1.00	0.028	2	7	0.08	116	0.003	0.26	<0.01	0.14	<0.5	0.97	1.2	154.8	18.17	<5
A-15-124	624.00	625.00	1.00	0.011	2.1	7.4	0.17	182	0.003	0.36	<0.01	0.17	<0.5	0.98	1.7	118.1	13.33	<5
A-15-124	625.00	625.80	0.80	0.015	5.4	7.5	0.39	262	0.003	0.34	<0.01	0.16	<0.5	0.52	2.5	59.2	7.67	<5
A-15-124	625.80	627.00	1.20	0.01	0.9	8.7	0.13	110	0.003	0.29	<0.01	0.13	0.5	1.69	1.1	198.1	22.13	<5
A-15-124	627.00	628.00	1.00	0.008	1.2	9.6	0.13	121	0.003	0.37	<0.01	0.17	<0.5	1.84	1.9	189.1	20.43	<5
A-15-124	628.00	629.00	1.00	0.007	1.1	8.1	0.11	133	0.002	0.27	<0.01	0.12	<0.5	2.26	1.9	218	20.45	<5
A-15-124	629.00	630.10	1.10	0.025	2.1	10	0.23	211	0.005	0.42	<0.01	0.19	0.6	2.13	1.9	206.1	18.34	<5
A-15-124	630.10	630.95	0.85	0.07	5.2	8.2	0.13	1186	0.004	0.47	<0.01	0.24	<0.5	0.21	1.9	11.3	2.04	<5
A-15-124	630.95	632.07	1.12	0.046	2.6	9.2	0.2	170	0.004	0.43	<0.01	0.2	<0.5	0.99	1.6	144.5	14.15	<5
A-15-124				0.044	2.5	8.9	0.19	166	0.004	0.41	<0.01	0.21	<0.5	0.83	1.6	137	13.78	<5
A-15-124	632.07	633.13	1.06	0.024	1.3	6.6	0.12	104	0.002	0.22	<0.01	0.1	<0.5	3.6	1.3	261.2	21.91	<5
A-15-124	633.13	634.53	1.40	0.027	1.5	5.5	0.25	131	0.002	0.22	<0.01	0.1	<0.5	7.6	1.4	325.6	20.22	<5
A-15-124	634.53	636.00	1.47	0.057	5.2	5.7	0.3	1187	0.003	0.43	<0.01	0.21	<0.5	<0.05	2.2	7.2	1.97	<5
A-15-124	636.00	637.50	1.50	0.066	4.9	7.2	0.38	868	0.004	0.57	<0.01	0.28	<0.5	0.1	3	11.2	2.29	<5
A-15-124	637.50	639.00	1.50	0.079	4.7	5.2	0.42	944	0.003	0.4	<0.01	0.2	<0.5	0.08	2.9	9.1	2.19	<5
A-15-124	639.00	640.60	1.60	0.078	5.9	8.4	0.49	1496	0.004	0.57	<0.01	0.28	<0.5	0.13	3.5	10.4	2.12	<5
A-15-124	640.60	641.60	1.00	0.025	1.4	4.3	0.17	105	0.002	0.18	<0.01	0.09	<0.5	6.6	1.4	272.3	23.44	<5
A-15-124	641.60	642.86	1.26	0.029	1.9	8.2	0.17	145	0.003	0.32	<0.01	0.13	<0.5	4.1	2.7	240.6	16.67	<5
A-15-124	642.86	643.95	1.09	0.019	1.1	4.8	0.15	84	0.002	0.18	<0.01	0.07	<0.5	5.34	2	279.7	18.54	<5

				AQ270	SPG01	WGHT	AQ371	AQ371
				Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	PPM	NONE	KG	%	%
A-15-124	603.00	604.00	1.00	13	2.841	2.83		
A-15-124	604.00	605.00	1.00	21	3.003	2.69		
A-15-124				<2	I.S.	0.02		
A-15-124	605.00	606.00	1.00	11	2.838	2.86		
A-15-124	606.00	607.00	1.00	8	2.826	2.09		
A-15-124	607.00	608.00	1.00	19	3.144	2.91		
A-15-124	608.00	609.00	1.00	17	2.931	2.46		
A-15-124	609.00	610.00	1.00	7	2.681	2.43		
A-15-124	610.00	611.00	1.00	7	2.631	2.46		
A-15-124	611.00	612.00	1.00	19	3.094	2.82		
A-15-124	612.00	613.00	1.00	23	2.962	3.02		
A-15-124	613.00	614.00	1.00	12	2.719	2.21		
A-15-124				13	2.715			
A-15-124	614.00	615.00	1.00	25	3.111	2.79		
A-15-124	615.00	616.00	1.00	25	2.906	2.83		
A-15-124	616.00	617.00	1.00	40	3.102	2.77		
A-15-124	617.00	618.00	1.00	32	3.094	3.15		
A-15-124	618.00	619.00	1.00	20	3.307	3.2		
A-15-124	619.00	620.00	1.00	16	2.981	2.46		
A-15-124	620.00	621.00	1.00	21	3.029	3.81		
A-15-124	621.00	622.00	1.00	12	2.803	2.25		
A-15-124	622.00	623.00	1.00	20	2.911	2.17		
A-15-124				<2	I.S.	0.02		
A-15-124	623.00	624.00	1.00	21	3.174	2.33		
A-15-124	624.00	625.00	1.00	15	3.035	2.58		
A-15-124	625.00	625.80	0.80	12	2.853	2.46		
A-15-124	625.80	627.00	1.20	21	3.288	3.27		
A-15-124	627.00	628.00	1.00	18	3.256	2.45		
A-15-124	628.00	629.00	1.00	20	3.288	3.4		
A-15-124	629.00	630.10	1.10	20	3.167	3.29		
A-15-124	630.10	630.95	0.85	10	2.59	1.77		
A-15-124	630.95	632.07	1.12	18	3.033	2.89		
A-15-124				15	3.03			
A-15-124	632.07	633.13	1.06	18	3.378	3.51		
A-15-124	633.13	634.53	1.40	22	3.455	4.57	4.79	19.94
A-15-124	634.53	636.00	1.47	6	2.56	3.4		
A-15-124	636.00	637.50	1.50	6	2.575	3.61		
A-15-124	637.50	639.00	1.50	6	2.591	4.07		
A-15-124	639.00	640.60	1.60	6	2.58	4.07		
A-15-124	640.60	641.60	1.00	23	3.546	3.7		
A-15-124	641.60	642.86	1.26	24	3.292	3.82		
A-15-124	642.86	643.95	1.09	28	3.434	3.46		

										AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**comments**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-124				2695023	Blank BL125				VAN15001965	4.9	86.8	8.8	61
A-15-124	643.95	644.72	0.77	2695024	4CC	75.00	25.00		VAN15001965	13.9	53.6	>40000.0	>200000
A-15-124	644.72	645.50	0.78	2695025	4CC	37.00	63.00		VAN15001965	17.2	45.6	26478.6	93710
A-15-124	645.50	646.20	0.70	2695026	4CC	55.00	45.00		VAN15001965	14.9	51	34353.9	136342
A-15-124	646.20	647.20	1.00	2695027	4CC	80.00	20.00		VAN15001965	15.2	56.4	39864.8	>200000
A-15-124	647.20	647.70	0.50	2695028	4CC	65.00	35.00		VAN15001965	17.4	52.9	29621.8	122663
A-15-124	647.70	648.45	0.75	2695029	4SH	0.00	100.00		VAN15001965	18.3	18.7	1438	3657
A-15-124	648.45	649.25	0.80	2695030	4CC	68.00	32.00		VAN15001965	20.3	63.3	24617.8	120592
A-15-124	649.25	649.75	0.50	2695031	4CC	5.00	95.00		VAN15001965	9.3	16.9	1514.7	4203
A-15-124	649.75	650.40	0.65	2695032	4CC	97.00	3.00		VAN15001965	8.4	49.5	>40000.0	192496
A-15-124				2695033	CR Dup of 2695032				VAN15001965	8.3	49.4	>40000.0	196742
A-15-124	650.40	651.30	0.90	2695034	4CC	95.00	5.00		VAN15001965	22.7	46	21037.3	123690
A-15-124	651.30	652.05	0.75	2695035	4CC	90.00	10.00		VAN15001965	25.2	42.6	39563.6	189864
A-15-124	652.05	652.90	0.85	2695036	4CC	55.00	45.00		VAN15001965	24.4	35	14870.6	80354
A-15-124	652.90	653.80	0.90	2695037	4CC	85.00	15.00		VAN15001965	17.6	34.9	>40000.0	>200000
A-15-124	653.80	654.46	0.66	2695038	4CC	85.00	15.00		VAN15001965	19.9	41.1	29075.5	168883
A-15-124	654.46	655.10	0.64	2695039	4SH	2.00	98.00		VAN15001965	20.8	16.3	1322.2	7282
A-15-124	655.10	656.41	1.31	2695040	4CC	77.00	23.00		VAN15001965	30.5	74.6	>40000.0	179333
A-15-124	656.41	657.77	1.36	2695041	4SH	3.00	97.00		VAN15001965	18.9	24.9	847.5	14029
A-15-124	657.77	658.98	1.21	2695042	4SH	5.00	95.00		VAN15001965	15.8	10.1	307.1	5773
A-15-124				2695043	STD# PB136			PB136	VAN15001965	10.7	5544.4	22995.2	26393
A-15-124	658.98	660.00	1.02	2695044	4LPSH	25.00	75.00		VAN15001965	24.6	58.8	597	15151
A-15-124	660.00	661.00	1.00	2695045	4LPSH	30.00	70.00		VAN15001965	22	80.1	464.3	9239
A-15-124	661.00	661.80	0.80	2695046	4LPSH	15.00	85.00		VAN15001965	23.2	38	352.7	9100
A-15-124	661.80	662.30	0.50	2695047	4LPSH	25.00	75.00		VAN15001965	26.7	54.7	546	10244
A-15-124	662.30	663.25	0.95	2695048	4LPSH	15.00	85.00		VAN15001965	22.3	53.4	484.1	1708
A-15-124	663.25	664.00	0.75	2695049	4LPSH	45.00	55.00		VAN15001965	14.3	58.4	633.8	263
A-15-124	664.00	665.00	1.00	2695050	4LPSH	40.00	60.00		VAN15001965	26.9	57.3	447.7	2553
A-15-124	665.00	666.00	1.00	2695051	4LPSH	25.00	75.00		VAN15001965	23.4	41.4	420.2	1577
A-15-124	666.00	667.00	1.00	2695052	4LPSH	25.00	75.00		VAN15001965	14.6	44.7	467.4	131
A-15-124				2695053	Pulp Dup of 2695052				VAN15001965	17.1	45.3	468.3	126
A-15-124	667.00	668.00	1.00	2695054	4LPSH	35.00	65.00		VAN15001965	15.9	49.8	778.1	40
A-15-124	668.00	668.50	0.50	2695055	4LPSH	35.00	65.00		VAN15001965	14.1	52.4	876.1	125
A-15-124	668.50	669.65	1.15	2695056	4LPSH	15.00	85.00		VAN15001965	17.3	39.5	398.3	28
A-15-124	669.65	670.25	0.60	2695057	5BXLS	7.00	93.00		VAN15001965	9.7	24.4	399.4	396
A-15-124	670.25	671.45	1.20	2695058	5BLS	15.00	85.00		VAN15001965	2.5	6.5	240.7	231
A-15-124	671.45	671.80	0.35	2695059	5BXLS. Potential NIC style mineralization	10.00	90.00		VAN15001965	29.1	29.5	254.3	468
A-15-124	671.80	672.15	0.35	2695060	5BXLS. Potential NIC style mineralization	20.00	80.00		VAN15001965	20.4	41.6	402.8	1304
A-15-124	672.15	673.00	0.85	2695061	6CSS with acicular crystals of barite and string	5.00	95.00		VAN15001965	1.9	12.2	94.5	137
A-15-124	673.00	674.00	1.00	2695062	6CSS with acicular crystals of barite and string	3.00	97.00		VAN15001965	0.9	8.6	45.8	53
A-15-124				2695063	Blank BL125				VAN15001965	5.8	95.3	5.4	44
A-15-124	674.00	675.00	1.00	2695064	6CSS with acicular crystals of barite and string	2.00	98.00		VAN15001965	1.6	9.8	27.5	13

				AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
HOLE ID	**FROM**	**TO**	**LENGTH**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**
A-15-124				<0.5	598	13.3	9	506	3.24	<5	0.9	3	92	<0.5	<0.5	<0.5	92	1.05
A-15-124	643.95	644.72	0.77	31.8	67252	34.4	2	525	7.98	21	2.3	<0.5	544	1522.7	23	<0.5	61	1.63
A-15-124	644.72	645.50	0.78	21.2	38257	55.6	4.4	322	5.65	20	2.5	1.5	355	638.3	22.4	<0.5	71	0.34
A-15-124	645.50	646.20	0.70	27.4	67336	45.3	3.2	388	6.08	18	3.3	0.7	1624	930.8	22.2	<0.5	87	2.33
A-15-124	646.20	647.20	1.00	36.4	55123	33.5	2	524	7.88	22	2.1	<0.5	1024	1263	25.7	<0.5	58	2.35
A-15-124	647.20	647.70	0.50	26.3	42762	49.2	4.1	460	6.51	21	2.6	0.9	585	787.1	33.5	<0.5	60	1.02
A-15-124	647.70	648.45	0.75	2.1	28253	79.1	7.5	68	1.59	10	4.8	4.4	274	21.6	4.6	<0.5	76	0.58
A-15-124	648.45	649.25	0.80	29.1	50966	49.1	3.2	669	10.06	30	3.7	0.6	510	803.7	37.4	<0.5	70	1.71
A-15-124	649.25	649.75	0.50	2.1	52793	51.6	6.3	151	2.08	10	2.9	5.5	815	26.8	4.6	<0.5	69	0.95
A-15-124	649.75	650.40	0.65	36.5	60804	22.5	1.5	810	12.4	23	1.7	<0.5	487	1212.9	32.2	<0.5	43	1.99
A-15-124				37.7	60932	24.5	1.5	812	12.85	21	1.6	<0.5	512	1283.8	34.8	<0.5	40	2.02
A-15-124	650.40	651.30	0.90	34.1	43494	44.7	2.9	893	14.21	34	3.9	0.7	195	719.5	25.8	<0.5	116	1.09
A-15-124	651.30	652.05	0.75	34.8	45409	40	2.5	850	11.64	32	2.9	0.7	402	1116.9	31.6	<0.5	85	1.44
A-15-124	652.05	652.90	0.85	16.4	56286	61	4.8	383	7.38	29	3.9	2	309	480.1	16	<0.5	146	0.47
A-15-124	652.90	653.80	0.90	24.5	83144	30.9	2.2	540	7.47	27	2.8	<0.5	395	1129.5	23.5	<0.5	73	1.69
A-15-124	653.80	654.46	0.66	22.2	69956	45.5	3	498	6.24	32	3.6	0.7	1299	796.3	38.1	<0.5	87	1.36
A-15-124	654.46	655.10	0.64	2.7	45884	64.1	5.2	81	1.42	15	5.6	3	538	42.9	7	<0.5	83	0.53
A-15-124	655.10	656.41	1.31	32.8	42334	50.9	3.2	587	8.83	50	3.6	0.8	243	1090.4	85	<0.5	75	1.06
A-15-124	656.41	657.77	1.36	3	12345	61.7	5.2	353	3.11	22	3	4	160	88.4	15.4	<0.5	74	1.12
A-15-124	657.77	658.98	1.21	0.7	14928	73.9	6.3	262	1.61	5	3.4	5.7	171	30	5.1	<0.5	111	1.28
A-15-124				84.4	399	13.8	15.5	2275	3.3	39	<0.5	0.9	98	188.4	240.4	3.6	27	3.03
A-15-124	658.98	660.00	1.02	3.5	8072	94.3	7.1	246	6.75	33	3.9	3.8	85	87.9	30	<0.5	83	0.63
A-15-124	660.00	661.00	1.00	5	6417	92.1	6.9	325	9.44	43	4.2	3.8	78	55.9	43.2	<0.5	84	0.75
A-15-124	661.00	661.80	0.80	2.7	6568	95.8	6.1	664	6.56	25	4.2	3.8	130	60.4	21	<0.5	68	1.7
A-15-124	661.80	662.30	0.50	4	5873	106.1	5.7	494	7.64	61	4.5	3.8	152	90.5	34.5	<0.5	69	1.49
A-15-124	662.30	663.25	0.95	4.8	5173	101.1	6.2	582	8.88	69	4.2	3.6	136	15.6	31.3	<0.5	74	1.54
A-15-124	663.25	664.00	0.75	7.3	3978	67.3	4.5	737	14.07	56	2.3	2.6	171	2.8	37.2	<0.5	61	2.07
A-15-124	664.00	665.00	1.00	7.2	5042	100.5	5.4	340	11.18	78	4.1	3.4	232	23.4	47.6	<0.5	67	1.27
A-15-124	665.00	666.00	1.00	5	4724	102	6	879	9.4	67	4.5	3.9	199	15.5	25	<0.5	72	2.57
A-15-124	666.00	667.00	1.00	9	4127	76.5	5.3	1027	13.29	61	2.6	3	131	1.6	28.3	<0.5	59	2.51
A-15-124				9.4	4170	75.4	5.5	986	13.52	64	2.8	3.2	136	1.3	29.8	<0.5	61	2.57
A-15-124	667.00	668.00	1.00	11.3	3383	60.7	4.3	624	17.26	82	1.9	2.4	50	0.7	30.8	<0.5	52	0.71
A-15-124	668.00	668.50	0.50	7.3	3298	64	4.2	648	15.16	49	2.2	2.6	144	1.2	24.4	<0.5	45	2.08
A-15-124	668.50	669.65	1.15	4.8	5054	93	6.8	398	4.03	40	2.9	4.8	131	<0.5	11.9	<0.5	58	2
A-15-124	669.65	670.25	0.60	2	3431	57.9	4	1641	6	19	1.9	1.2	781	2.5	7.4	<0.5	36	21.68
A-15-124	670.25	671.45	1.20	<0.5	2261	9.8	0.9	1768	4.86	<5	1.1	<0.5	887	1.7	1.7	<0.5	18	27.88
A-15-124	671.45	671.80	0.35	1.6	6276	116.2	5.5	490	4.4	19	9	1.9	480	3.9	5.3	<0.5	53	7.98
A-15-124	671.80	672.15	0.35	2.1	3654	90.4	5.3	400	7.57	15	9.7	1.5	437	12.1	8.3	<0.5	38	6.19
A-15-124	672.15	673.00	0.85	0.8	32627	23.7	3.8	555	2.82	<5	0.9	3.6	560	1.2	1.3	<0.5	<10	9.62
A-15-124	673.00	674.00	1.00	<0.5	49718	20.4	4.6	504	1.88	<5	0.7	6.3	631	<0.5	1.3	<0.5	<10	6.06
A-15-124				<0.5	580	14.7	10.2	544	3.41	<5	1	3.6	102	<0.5	<0.5	<0.5	96	1.11
A-15-124	674.00	675.00	1.00	<0.5	37344	18.1	4.2	511	1.79	<5	0.9	7.3	728	<0.5	1.8	<0.5	11	7.99

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-124				0.055	7.1	17.5	0.75	136	0.158	1.84	0.24	0.22	0.7	<0.05	3.3	<0.5	<0.05	5
A-15-124	643.95	644.72	0.77	0.015	1	4.4	0.22	93	0.001	0.12	<0.01	0.04	<0.5	7.72	2.1	267.1	20.36	<5
A-15-124	644.72	645.50	0.78	0.027	2.2	6	0.15	208	0.002	0.27	<0.01	0.14	<0.5	3.38	3.5	156.3	11.49	<5
A-15-124	645.50	646.20	0.70	0.011	1.5	7.5	0.1	106	0.002	0.28	<0.01	0.11	<0.5	5.91	2.8	220	14.08	6
A-15-124	646.20	647.20	1.00	0.006	0.9	4.2	0.16	79	<0.001	0.16	<0.01	0.04	<0.5	8.49	1.9	313.8	19.53	5
A-15-124	647.20	647.70	0.50	0.007	2.4	5.4	0.18	161	0.002	0.29	<0.01	0.12	<0.5	4.74	2.6	220.5	13.54	6
A-15-124	647.70	648.45	0.75	0.053	6.3	7	0.12	810	0.003	0.44	<0.01	0.23	<0.5	0.15	2.9	18.3	2.03	<5
A-15-124	648.45	649.25	0.80	0.028	2	5.2	0.17	119	0.003	0.27	<0.01	0.12	0.6	4.44	2	230.9	17.33	6
A-15-124	649.25	649.75	0.50	0.065	9.8	8	0.31	1016	0.004	0.46	<0.01	0.24	<0.5	0.15	3.6	23.6	2.09	<5
A-15-124	649.75	650.40	0.65	0.018	1	4.7	0.22	79	0.001	0.08	0.01	0.02	<0.5	6.77	1.7	267.8	23.43	6
A-15-124				0.017	1	4.1	0.22	112	<0.001	0.07	<0.01	0.02	<0.5	6.69	1.9	256.1	23.7	6
A-15-124	650.40	651.30	0.90	0.03	3.2	8.3	0.14	104	0.002	0.23	<0.01	0.09	<0.5	4.4	2.6	271.7	22.25	<5
A-15-124	651.30	652.05	0.75	0.03	3.6	6	0.16	87	0.001	0.21	0.01	0.06	<0.5	6.13	2.5	345.8	23.39	7
A-15-124	652.05	652.90	0.85	0.041	10	12.2	0.25	212	0.004	0.47	<0.01	0.17	<0.5	2.37	5	218.1	11.95	<5
A-15-124	652.90	653.80	0.90	0.026	2.8	5.3	0.18	70	0.001	0.17	0.01	0.06	<0.5	6.81	2.2	317.7	19.5	<5
A-15-124	653.80	654.46	0.66	0.031	4.3	6.9	0.23	252	0.002	0.63	<0.01	0.09	<0.5	6.24	3.3	275.2	15.04	<5
A-15-124	654.46	655.10	0.64	0.075	12.5	7.5	0.15	2376	0.002	1.21	<0.01	0.14	<0.5	0.29	3	15.7	1.08	<5
A-15-124	655.10	656.41	1.31	0.03	4.1	5.3	0.14	159	0.003	0.59	<0.01	0.1	<0.5	8.09	2.4	287.2	19.29	5
A-15-124	656.41	657.77	1.36	0.086	12.6	6.7	0.28	386	0.004	0.4	<0.01	0.21	<0.5	0.59	2.1	38.6	4.43	<5
A-15-124	657.77	658.98	1.21	0.148	19	12.1	0.41	1683	0.006	0.64	<0.01	0.34	<0.5	0.25	3.2	6.6	1.79	<5
A-15-124				0.044	4.1	25.7	0.63	80	0.056	0.85	0.05	0.17	4.9	0.4	1.1	1	2.82	<5
A-15-124	658.98	660.00	1.02	0.054	11.5	6.5	0.11	400	0.004	0.41	<0.01	0.24	<0.5	0.58	1.7	53.7	8.68	<5
A-15-124	660.00	661.00	1.00	0.052	10.9	6.9	0.09	315	0.005	0.45	<0.01	0.25	0.7	0.41	1.7	65.1	11.64	<5
A-15-124	661.00	661.80	0.80	0.054	10.3	5.8	0.14	507	0.004	0.37	<0.01	0.22	<0.5	0.42	2	49.5	8.04	<5
A-15-124	661.80	662.30	0.50	0.048	9.1	6.6	0.11	203	0.004	0.34	<0.01	0.2	<0.5	0.48	1.6	77.8	8.99	<5
A-15-124	662.30	663.25	0.95	0.066	9.1	8.7	0.11	182	0.004	0.33	<0.01	0.21	<0.5	0.18	1.5	64.8	9.98	<5
A-15-124	663.25	664.00	0.75	0.059	8.8	9.6	0.07	145	0.004	0.29	<0.01	0.17	<0.5	0.13	1.9	92.4	15.71	<5
A-15-124	664.00	665.00	1.00	0.062	8.5	6.4	0.08	157	0.004	0.33	<0.01	0.2	<0.5	0.3	1.3	135.6	12.55	<5
A-15-124	665.00	666.00	1.00	0.063	10	9.2	0.13	204	0.004	0.36	<0.01	0.21	0.5	0.19	2.1	83.5	10.39	<5
A-15-124	666.00	667.00	1.00	0.075	9.1	10.2	0.08	147	0.003	0.32	<0.01	0.19	<0.5	0.17	1.7	102.4	14.85	<5
A-15-124				0.081	9.7	10.3	0.08	183	0.004	0.32	<0.01	0.2	<0.5	0.14	1.9	111.4	14.84	<5
A-15-124	667.00	668.00	1.00	0.039	5.8	7.5	0.07	102	0.003	0.26	<0.01	0.15	<0.5	0.19	1.4	119.9	20.14	<5
A-15-124	668.00	668.50	0.50	0.033	6.8	7.2	0.09	132	0.003	0.24	<0.01	0.16	<0.5	0.12	2	87.7	17.2	<5
A-15-124	668.50	669.65	1.15	0.069	12.2	11.1	0.19	542	0.004	0.36	<0.01	0.23	<0.5	0.1	2	41.5	4.57	<5
A-15-124	669.65	670.25	0.60	0.036	23.7	5.4	0.22	311	0.002	0.16	<0.01	0.09	<0.5	0.11	1.9	18.2	6.71	<5
A-15-124	670.25	671.45	1.20	0.02	18.8	1.3	0.48	317	<0.001	0.05	<0.01	0.02	<0.5	0.07	0.6	7.6	5.39	<5
A-15-124	671.45	671.80	0.35	0.078	12.9	6	0.16	349	0.003	0.23	<0.01	0.13	<0.5	0.15	1.5	11.4	4.93	<5
A-15-124	671.80	672.15	0.35	0.046	13.4	4.5	0.08	247	0.002	0.16	<0.01	0.09	<0.5	0.34	1.4	27	8.42	<5
A-15-124	672.15	673.00	0.85	0.022	17	3.8	1.11	690	0.001	0.21	<0.01	0.12	<0.5	0.13	2.6	10.8	2.81	<5
A-15-124	673.00	674.00	1.00	0.043	19.4	6.3	1.43	1780	0.002	0.25	<0.01	0.15	<0.5	<0.05	3.4	2.8	1.36	<5
A-15-124				0.056	8	18.1	0.77	145	0.167	1.93	0.25	0.22	0.8	<0.05	3.3	<0.5	<0.05	5
A-15-124	674.00	675.00	1.00	0.035	25.3	4.7	1.15	1525	0.002	0.22	<0.01	0.14	<0.5	<0.05	3.4	2.6	1.61	<5

				AQ270	SPG01	WGHT	AQ371	AQ371
				Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	PPM	NONE	KG	%	%
A-15-124				<2	I.S.	0.02		
A-15-124	643.95	644.72	0.77	23	3.689	2.59	6.16	23.66
A-15-124	644.72	645.50	0.78	22	3.076	2.48		
A-15-124	645.50	646.20	0.70	19	3.305	1.85		
A-15-124	646.20	647.20	1.00	25	3.569	2.96	5.45	22.2
A-15-124	647.20	647.70	0.50	28	3.16	1.58		
A-15-124	647.70	648.45	0.75	9	2.651	2.06		
A-15-124	648.45	649.25	0.80	34	3.274	2.11		
A-15-124	649.25	649.75	0.50	6	2.76	1.12		
A-15-124	649.75	650.40	0.65	25	3.767	2.13	4.95	21.34
A-15-124				27	3.768		4.99	21.57
A-15-124	650.40	651.30	0.90	23	3.489	2.25		
A-15-124	651.30	652.05	0.75	21	3.589	2.8		
A-15-124	652.05	652.90	0.85	17	3.082	2.11		
A-15-124	652.90	653.80	0.90	16	3.68	2.7	4.87	23.07
A-15-124	653.80	654.46	0.66	25	3.311	2.23		
A-15-124	654.46	655.10	0.64	6	2.671	1.97		
A-15-124	655.10	656.41	1.31	60	3.4	4.15	4.85	19.28
A-15-124	656.41	657.77	1.36	18	2.633	3.27		
A-15-124	657.77	658.98	1.21	9	2.643	2.87		
A-15-124				<2	I.S.	0.02		
A-15-124	658.98	660.00	1.02	41	2.755	2.64		
A-15-124	660.00	661.00	1.00	34	2.784	2.71		
A-15-124	661.00	661.80	0.80	32	2.743	2.14		
A-15-124	661.80	662.30	0.50	27	2.772	1.47		
A-15-124	662.30	663.25	0.95	27	2.788	2.68		
A-15-124	663.25	664.00	0.75	17	2.99	1.85		
A-15-124	664.00	665.00	1.00	33	2.876	2.13		
A-15-124	665.00	666.00	1.00	27	2.758	2.62		
A-15-124	666.00	667.00	1.00	15	2.913	2.84		
A-15-124				16	2.944			
A-15-124	667.00	668.00	1.00	11	3.12	2.72		
A-15-124	668.00	668.50	0.50	13	3.063	1.51		
A-15-124	668.50	669.65	1.15	12	2.684	3.51		
A-15-124	669.65	670.25	0.60	4	2.807	1.72		
A-15-124	670.25	671.45	1.20	<2	2.831	3.32		
A-15-124	671.45	671.80	0.35	10	2.713	0.96		
A-15-124	671.80	672.15	0.35	9	2.821	1.05		
A-15-124	672.15	673.00	0.85	<2	2.724	2.27		
A-15-124	673.00	674.00	1.00	<2	2.727	2.88		
A-15-124				<2	I.S.	0.02		
A-15-124	674.00	675.00	1.00	<2	2.718	2.83		

										AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**comments**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-124	675.00	676.00	1.00	2695065	6CSS with acicular crystals of barite and string	3.00	97.00		VAN15001965	6.2	18.8	45.5	23
A-15-124	676.00	677.00	1.00	2695066	6CSS with acicular crystals of barite and string	1.00	99.00		VAN15001965	4.7	18.5	54.5	17
A-15-124	677.00	678.00	1.00	2695067	6CSS with acicular crystals of barite and string	2.00	98.00		VAN15001965	3.3	11.1	29.6	18
A-15-124	678.00	678.80	0.80	2695068	6CSS with acicular crystals of barite and string	1.00	99.00		VAN15001965	1.4	8	15.3	31
A-15-124	678.80	679.20	0.40	2695069	6CSS with acicular crystals of barite and string	5.00	95.00		VAN15001965	2.2	21	57.6	125
A-15-124	679.20	680.00	0.80	2695070	6CSS	1.00	99.00		VAN15001965	0.8	8.2	23.8	58
A-15-124	680.00	681.00	1.00	2695071	6CSS	1.00	99.00		VAN15001965	0.7	6.9	24.3	47
A-15-124	681.00	682.00	1.00	2695072	6CSS	1.00	99.00		VAN15001965	1.3	7.5	14.6	45
A-15-124				2695073	CR Dup of 2695072				VAN15001965	1.5	8.1	14.9	43
A-15-124	682.00	683.00	1.00	2695074	6CSS	0.50	99.50		VAN15001965	1	7.9	21.8	27
A-15-124	683.00	684.00	1.00	2695075	6CSS	0.50	99.50		VAN15001965	6	14.5	22.9	8

				AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
HOLE ID	FROM	TO	LENGTH	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%
A-15-124	675.00	676.00	1.00	<0.5	25525	50.5	6.5	435	2.09	6	2.5	8	487	<0.5	2.7	<0.5	23	6.15
A-15-124	676.00	677.00	1.00	0.8	21382	44.7	4.7	410	2.76	<5	1.8	5.6	392	<0.5	3	<0.5	31	5.28
A-15-124	677.00	678.00	1.00	<0.5	23051	43.6	3.6	320	1.29	<5	1.7	5.2	353	<0.5	1.7	<0.5	28	4.09
A-15-124	678.00	678.80	0.80	<0.5	22543	38.8	3.5	361	1.43	<5	0.9	5.4	264	<0.5	1.2	<0.5	17	3.73
A-15-124	678.80	679.20	0.40	0.7	22267	51.7	4.7	431	4.45	<5	1.2	4	601	1	2.2	<0.5	19	7.88
A-15-124	679.20	680.00	0.80	<0.5	18757	43.4	4.2	387	1.89	<5	0.6	4.3	317	<0.5	1.2	<0.5	<10	4.64
A-15-124	680.00	681.00	1.00	<0.5	18448	31.6	3.9	374	1.32	<5	0.7	4.6	391	<0.5	1.1	<0.5	<10	5.49
A-15-124	681.00	682.00	1.00	<0.5	18397	21.8	3.1	339	0.92	<5	0.7	4.1	417	<0.5	1	<0.5	13	5.62
A-15-124				<0.5	18212	23.9	3.1	338	0.94	<5	0.8	4.8	420	<0.5	1.2	<0.5	11	5.69
A-15-124	682.00	683.00	1.00	<0.5	15658	20.7	4.4	349	1.24	<5	0.9	5.5	237	<0.5	1.2	<0.5	10	5.2
A-15-124	683.00	684.00	1.00	<0.5	10955	36.4	4.3	421	1.41	5	1.6	4.8	410	<0.5	2.2	<0.5	18	7.76

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-124	675.00	676.00	1.00	0.072	23.7	7.6	1.29	1073	0.003	0.31	<0.01	0.18	<0.5	0.06	4.2	3.2	2.01	<5
A-15-124	676.00	677.00	1.00	0.089	17	5.5	1.39	767	0.003	0.23	<0.01	0.14	<0.5	0.09	3	7.1	2.85	<5
A-15-124	677.00	678.00	1.00	0.115	16.4	7.1	1.09	2310	0.003	0.29	<0.01	0.17	<0.5	0.07	2.7	4.7	1.19	<5
A-15-124	678.00	678.80	0.80	0.041	13	5.5	1.63	2285	0.003	0.27	<0.01	0.17	<0.5	<0.05	2.7	2.3	1.32	<5
A-15-124	678.80	679.20	0.40	0.094	19.5	6	0.94	365	0.004	0.29	<0.01	0.15	<0.5	0.11	3.4	7	4.9	<5
A-15-124	679.20	680.00	0.80	0.02	12	5.3	1.42	1587	0.003	0.27	<0.01	0.18	<0.5	0.07	2.9	3.6	1.82	<5
A-15-124	680.00	681.00	1.00	0.036	12.9	5.2	1.51	1209	0.002	0.25	<0.01	0.15	<0.5	<0.05	3.2	2.5	1.22	<5
A-15-124	681.00	682.00	1.00	0.028	12	4.5	1.19	1273	0.002	0.22	<0.01	0.15	<0.5	<0.05	2.6	1.6	0.8	<5
A-15-124				0.032	12.5	4.4	1.19	1288	0.002	0.24	<0.01	0.14	<0.5	<0.05	2.8	1.8	0.81	<5
A-15-124	682.00	683.00	1.00	0.052	14.5	6.2	1.81	1296	0.003	0.36	<0.01	0.21	<0.5	0.06	2.7	1.5	1.07	<5
A-15-124	683.00	684.00	1.00	0.058	16.6	4.8	1.58	998	0.003	0.28	<0.01	0.16	<0.5	0.07	3.1	2	1.29	<5

				AQ270	SPG01	WGHT	AQ371	AQ371
				Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	PPM	NONE	KG	%	%
A-15-124	675.00	676.00	1.00	<2	2.683	2.49		
A-15-124	676.00	677.00	1.00	3	2.723	2.77		
A-15-124	677.00	678.00	1.00	<2	2.639	2.64		
A-15-124	678.00	678.80	0.80	<2	2.657	2.12		
A-15-124	678.80	679.20	0.40	<2	2.739	1.04		
A-15-124	679.20	680.00	0.80	<2	2.646	1.84		
A-15-124	680.00	681.00	1.00	<2	2.683	2.35		
A-15-124	681.00	682.00	1.00	<2	2.647	2.42		
A-15-124				<2	2.655			
A-15-124	682.00	683.00	1.00	<2	2.684	2.87		
A-15-124	683.00	684.00	1.00	<2	2.645	2.18		

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-124	38.1	23.9	43.2	-76.3	5710		yes	
A-15-124	68.58	26.4	45.7	-76.2	5651		yes	
A-15-124	120.4	21.2	40.5	-75.5	5677		yes	
A-15-124	166.12	16.4	35.7	-75.1	5700		yes	
A-15-124	211.84	14.5	33.8	-74.1	5696		yes	
A-15-124	257.56	13	32.2	-73	5692		yes	
A-15-124	300.23	13.5	32.8	-72.2	5702		yes	
A-15-124	349	14.2	33.5	-71.4	5695		yes	
A-15-124	394.72	15.6	34.9	-70.5	5699		yes	
A-15-124	440.44	15.3	34.6	-70	5693		yes	
A-15-124	486.16	15.4	34.7	-69.1	5695		yes	
A-15-124	530.36	16.7	36	-68.6	5693		yes	
A-15-124	577.6	14	33.3	-67.5	5698		yes	
A-15-124	623.32	12.8	32.1	-65.7	5696		yes	
A-15-124	669.04	13.7	33	-64.8	5709		yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-124	3.28	4.57	1.29	1.3	100.78%	0	0.00%												
A-15-124	4.57	7.62	3.05	2.64	86.56%	0.33	10.82%												
A-15-124	7.62	9.45	1.83	0.66	36.07%	0.21	11.48%												
A-15-124	9.45	11.58	2.13	1.25	58.69%	0.46	21.60%												
A-15-124	11.58	13.11	1.53	1.13	73.86%	0.25	16.34%												
A-15-124	13.11	14.02	0.91	0.8	87.91%	0.00	0.00%												
A-15-124	14.02	16.15	2.13	1.58	74.18%	0.21	9.86%												
A-15-124	16.15	17.98	1.83	1.51	82.51%	0.43	23.50%												
A-15-124	17.98	19.81	1.83	1.79	97.81%	1.26	68.85%												
A-15-124	19.81	21.95	2.14	2.35	109.81%	1.33	62.15%												
A-15-124	21.95	24.99	3.04	3.15	103.62%	1.55	50.99%												
A-15-124	24.99	27.13	2.14	1.6	74.77%	0.28	13.08%												
A-15-124	27.13	28.35	1.22	1.2	98.36%	0.32	26.23%												
A-15-124	28.35	32.00	3.65	3	82.19%	0.76	20.82%												
A-15-124	32.00	33.53	1.53	1.6	104.58%	0.80	52.29%												
A-15-124	33.53	35.36	1.83	1.46	79.78%	1.07	58.47%												
A-15-124	35.36	36.80	1.44	1.57	109.03%	0.43	29.86%												
A-15-124	36.80	38.10	1.30	0.93	71.54%	0.57	43.85%												
A-15-124	38.10	39.32	1.22	1.23	100.82%	1.01	82.79%												
A-15-124	39.32	41.15	1.83	1.66	90.71%	0.23	12.57%												
A-15-124	41.15	42.98	1.83	1.74	95.08%	0.50	27.32%												
A-15-124	42.98	43.59	0.61	0.58	95.08%	0.10	16.39%												
A-15-124	43.59	44.50	0.91	0.78	85.71%	0.51	56.04%												
A-15-124	44.50	46.63	2.13	1.41	66.20%	0.66	30.99%												
A-15-124	46.63	48.77	2.14	1.69	78.97%	0.00	0.00%												
A-15-124	48.77	50.29	1.52	0.79	51.97%	0.00	0.00%												
A-15-124	50.29	53.34	3.05	0.2	6.56%	0.00	0.00%												
A-15-124	53.34	55.78	2.44	1.36	55.74%	0.00	0.00%												
A-15-124	55.78	56.39	0.61	0.44	72.13%	0.14	22.95%												
A-15-124	56.39	59.44	3.05	0.89	29.18%	0.21	6.89%												
A-15-124	59.44	62.18	2.74	0.92	33.58%	0.00	0.00%												
A-15-124	62.18	63.70	1.52	1.32	86.84%	0.79	51.97%												
A-15-124	63.70	65.23	1.53	1.43	93.46%	0.00	0.00%												
A-15-124	65.23	65.53	0.30	0.33	110.00%	0.00	0.00%												
A-15-124	65.53	66.14	0.61	0.51	83.61%	0.00	0.00%												
A-15-124	66.14	67.97	1.83	1.27	69.40%	0.00	0.00%												
A-15-124	67.97	70.10	2.13	0.97	45.54%	0.00	0.00%												
A-15-124	70.10	71.63	1.53	0.74	48.37%	0.00	0.00%												
A-15-124	71.63	72.85	1.22	0.98	80.33%	0.12	9.84%												
A-15-124	72.85	74.68	1.83	1.06	57.92%	0.00	0.00%												
A-15-124	74.68	77.42	2.74	2.69	98.18%	1.37	50.00%												
A-15-124	77.42	78.64	1.22	0.99	81.15%	0.39	31.97%												
A-15-124	78.64	80.16	1.52	1.92	126.32%	0.95	62.50%												
A-15-124	80.16	82.30	2.14	1.79	83.64%	1.23	57.48%												
A-15-124	82.30	83.82	1.52	1.43	94.08%	0.00	0.00%												
A-15-124	83.82	85.35	1.53	1.43	93.46%	0.22	14.38%												
A-15-124	85.35	86.87	1.52	1.59	104.61%	0.15	9.87%												
A-15-124	86.87	88.09	1.22	1.14	93.44%	0.61	50.00%												
A-15-124	88.09	89.92	1.83	1.49	81.42%	0.00	0.00%												
A-15-124	89.92	91.14	1.22	1.56	127.87%	0.94	77.05%												
A-15-124	91.14	95.71	4.57	4.3	94.09%	1.48	32.39%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-124	95.71	97.54	1.83	1.85	101.09%	0.51	27.87%												
A-15-124	97.54	98.15	0.61	0.58	95.08%	0.00	0.00%												
A-15-124	98.15	99.06	0.91	0.85	93.41%	0.00	0.00%												
A-15-124	99.06	101.19	2.13	1.82	85.45%	0.50	23.47%												
A-15-124	101.19	103.33	2.14	1.52	71.03%	0.10	4.67%												
A-15-124	103.33	104.24	0.91	1.1	120.88%	0.00	0.00%												
A-15-124	104.24	105.16	0.92	0.72	78.26%	0.33	35.87%												
A-15-124	105.16	106.99	1.83	1.16	63.39%	0.00	0.00%												
A-15-124	106.99	108.71	1.72	0.99	57.56%	0.00	0.00%												
A-15-124	108.71	113.39	4.68	5.11	109.19%	2.08	44.44%												
A-15-124	113.39	114.91	1.52	1.21	79.61%	0.00	0.00%												
A-15-124	114.91	116.74	1.83	1.4	76.50%	0.20	10.93%												
A-15-124	116.74	118.57	1.83	1.77	96.72%	0.00	0.00%												
A-15-124	118.57	120.40	1.83	1.72	93.99%	0.15	8.20%												
A-15-124	120.40	122.53	2.13	2.02	94.84%	0.24	11.27%												
A-15-124	122.53	123.45	0.92	0.94	102.17%	0.15	16.30%												
A-15-124	123.45	126.49	3.04	1.79	58.88%	0.55	18.09%	1					1						
A-15-124	126.49	127.71	1.22	0.8	65.57%	0.00	0.00%												
A-15-124	127.71	128.63	0.92	0.61	66.30%	0.00	0.00%												
A-15-124	128.63	130.15	1.52	0.64	42.11%	0.00	0.00%												
A-15-124	130.15	132.59	2.44	0.76	31.15%	0.22	9.02%	1					1						
A-15-124	132.59	134.11	1.52	0.83	54.61%	0.00	0.00%												
A-15-124	134.11	135.64	1.53	1.37	89.54%	0.00	0.00%												
A-15-124	135.64	137.47	1.83	1.12	61.20%	0.00	0.00%												
A-15-124	137.47	138.69	1.22	1	81.97%	0.00	0.00%												
A-15-124	138.69	140.21	1.52	1.59	104.61%	0.00	0.00%												
A-15-124	140.21	141.42	1.21	0.84	69.42%	0.00	0.00%												
A-15-124	141.42	144.78	3.36	0.97	28.87%	0.00	0.00%												
A-15-124	144.78	145.70	0.92	0.44	47.83%	0.00	0.00%												
A-15-124	145.70	147.83	2.13	1.81	84.98%	0.40	18.78%												
A-15-124	147.83	149.05	1.22	0.96	78.69%	0.18	14.75%												
A-15-124	149.05	150.88	1.83	0.8	43.72%	0.70	38.25%												
A-15-124	150.88	153.93	3.05	3.98	130.49%	2.84	93.11%							1	1				
A-15-124	153.93	156.97	3.04	2.62	86.18%	0.60	19.74%												
A-15-124	156.97	157.89	0.92	0.73	79.35%	0.17	18.48%												
A-15-124	157.89	160.02	2.13	1.94	91.08%	0.54	25.35%												
A-15-124	160.02	161.55	1.53	1.17	76.47%	0.49	32.03%												
A-15-124	161.55	162.16	0.61	0.6	98.36%	0.00	0.00%												
A-15-124	162.16	165.51	3.35	2.4	71.64%	0.55	16.42%												
A-15-124	165.51	167.34	1.83	1.6	87.43%	0.56	30.60%												
A-15-124	167.34	168.25	0.91	1.14	125.27%	0.41	45.05%	8	8.00										
A-15-124	168.25	169.17	0.92	0.66	71.74%	0.00	0.00%												
A-15-124	169.17	170.39	1.22	1.2	98.36%	0.00	0.00%												
A-15-124	170.39	172.21	1.82	1.59	87.36%	0.55	30.22%	1					1						
A-15-124	172.21	174.65	2.44	2.3	94.26%	0.00	0.00%												
A-15-124	174.65	177.09	2.44	2.31	94.67%	0.10	4.10%												
A-15-124	177.09	178.31	1.22	0.81	66.39%	0.00	0.00%												
A-15-124	178.31	180.44	2.13	1.72	80.75%	0.00	0.00%												
A-15-124	180.44	182.58	2.14	1.8	84.11%	0.35	16.36%												
A-15-124	182.58	184.40	1.82	2.07	113.74%	1.71	93.96%												
A-15-124	184.40	186.23	1.83	1.8	98.36%	1.00	54.64%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-124	186.23	189.28	3.05	2.92	95.74%	0.74	24.26%												
A-15-124	189.28	190.50	1.22	1.26	103.28%	0.25	20.49%												
A-15-124	190.50	191.72	1.22	1.1	90.16%	0.30	24.59%	1		1									
A-15-124	191.72	193.55	1.83	1.66	90.71%	0.11	6.01%	>50	>50										
A-15-124	193.55	194.77	1.22	1.37	112.30%	0.43	35.25%												
A-15-124	194.77	196.60	1.83	1.46	79.78%	0.46	25.14%												
A-15-124	196.60	197.82	1.22	1.09	89.34%	0.00	0.00%												
A-15-124	197.82	199.64	1.82	1.84	101.10%	0.63	34.62%	18	18.00										
A-15-124	199.64	201.47	1.83	1.66	90.71%	0.79	43.17%	23	22.00				1						
A-15-124	201.47	203.30	1.83	1.63	89.07%	0.30	16.39%	1				1							
A-15-124	203.30	203.91	0.61	0.63	103.28%	0.00	0.00%												
A-15-124	203.91	205.13	1.22	0.78	63.93%	0.00	0.00%												
A-15-124	205.13	206.65	1.52	1	65.79%	0.16	10.53%												
A-15-124	206.65	208.74	2.09	2.01	96.17%	0.66	31.58%	37	37.00										
A-15-124	208.74	210.01	1.27	1.26	99.21%	0.38	29.92%	46	46.00										
A-15-124	210.01	211.84	1.83	1.58	86.34%	0.44	24.04%	13	12.00				1						
A-15-124	211.84	213.66	1.82	1.9	104.40%	0.24	13.19%												
A-15-124	213.66	215.49	1.83	1.67	91.26%	0.52	28.42%												
A-15-124	215.49	216.71	1.22	1.18	96.72%	0.11	9.02%												
A-15-124	216.71	218.54	1.83	1.6	87.43%	0.11	6.01%												
A-15-124	218.54	220.98	2.44	2.09	85.66%	0.41	16.80%												
A-15-124	220.98	224.03	3.05	3.12	102.30%	0.41	13.44%												
A-15-124	224.03	227.08	3.05	2.68	87.87%	0.21	6.89%												
A-15-124	227.08	230.12	3.04	2.93	96.38%	0.41	13.49%												
A-15-124	230.12	233.17	3.05	2.74	89.84%	0.47	15.41%												
A-15-124	233.17	236.22	3.05	2.9	95.08%	0.42	13.77%												
A-15-124	236.22	239.27	3.05	2.71	88.85%	0.12	3.93%												
A-15-124	239.27	242.32	3.05	2.6	85.25%	0.21	6.89%												
A-15-124	242.32	245.36	3.04	2.82	92.76%	0.35	11.51%												
A-15-124	245.36	248.41	3.05	2.98	97.70%	0.98	32.13%	1					1						
A-15-124	248.41	251.46	3.05	2.63	86.23%	0.59	19.34%												
A-15-124	251.46	253.90	2.44	2.89	118.44%	0.53	21.72%	1					1						
A-15-124	253.90	256.34	2.44	2.21	90.57%	1.02	41.80%												
A-15-124	256.34	258.47	2.13	1.85	86.85%	1.10	51.64%												
A-15-124	258.47	260.60	2.13	2.19	102.82%	1.35	63.38%												
A-15-124	260.60	263.65	3.05	2.78	91.15%	1.99	65.25%	1	1.00										
A-15-124	263.65	266.40	2.75	2.9	105.45%	1.12	40.73%												
A-15-124	266.40	267.61	1.21	1.01	83.47%	0.37	30.58%												
A-15-124	267.61	270.66	3.05	3.05	100.00%	1.79	58.69%	1					1						
A-15-124	270.66	271.88	1.22	1.14	93.44%	0.00	0.00%												
A-15-124	271.88	274.02	2.14	2.1	98.13%	1.32	61.68%												
A-15-124	274.02	275.84	1.82	1.78	97.80%	0.10	5.49%												
A-15-124	275.84	278.28	2.44	2.45	100.41%	0.74	30.33%												
A-15-124	278.28	280.72	2.44	2.46	100.82%	0.62	25.41%												
A-15-124	280.72	281.94	1.22	1.07	87.70%	0.24	19.67%	2	2.00										
A-15-124	281.94	283.46	1.52	1.58	103.95%	0.47	30.92%												
A-15-124	283.46	285.29	1.83	1.74	95.08%	0.35	19.13%	3	3.00										
A-15-124	285.29	286.82	1.53	1.54	100.65%	0.18	11.76%												
A-15-124	286.82	289.86	3.04	2.95	97.04%	0.50	16.45%	2	2.00										
A-15-124	289.86	291.64	1.78	1.67	93.82%	0.75	42.13%												
A-15-124	291.64	292.91	1.27	1.35	106.30%	0.56	44.09%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-124	292.91	296.86	3.95	3.85	97.47%	1.19	30.13%												
A-15-124	296.86	298.41	1.55	1.55	100.00%	0.39	25.16%												
A-15-124	298.41	300.23	1.82	1.57	86.26%	0.34	18.68%												
A-15-124	300.23	303.28	3.05	3.11	101.97%	1.03	33.77%												
A-15-124	303.28	306.33	3.05	2.77	90.82%	0.80	26.23%												
A-15-124	306.33	309.37	3.04	2.97	97.70%	0.60	19.74%												
A-15-124	309.37	312.42	3.05	2.68	87.87%	0.47	15.41%												
A-15-124	312.42	315.47	3.05	3.06	100.33%	0.97	31.80%												
A-15-124	315.47	318.52	3.05	2.66	87.21%	0.30	9.84%												
A-15-124	318.52	321.56	3.04	3.29	108.22%	0.78	25.66%												
A-15-124	321.56	324.61	3.05	2.64	86.56%	0.51	16.72%												
A-15-124	324.61	327.66	3.05	2.92	95.74%	0.00	0.00%												
A-15-124	327.66	330.71	3.05	2.82	92.46%	0.00	0.00%												
A-15-124	330.71	333.76	3.05	2.8	91.80%	1.20	39.34%												
A-15-124	333.76	335.58	1.82	1.72	94.51%	1.32	72.53%												
A-15-124	335.58	336.80	1.22	1.18	96.72%	0.54	44.26%												
A-15-124	336.80	338.02	1.22	1.12	91.80%	0.47	38.52%												
A-15-124	338.02	341.07	3.05	3.08	100.98%	2.21	72.46%	3	2.00			1							
A-15-124	341.07	342.29	1.22	1.22	100.00%	0.15	12.30%												
A-15-124	342.29	343.51	1.22	0.94	77.05%	0.20	16.39%												
A-15-124	343.51	345.44	1.93	1.78	92.23%	0.70	36.27%												
A-15-124	345.44	347.78	2.34	2.35	100.43%	0.00	0.00%												
A-15-124	347.78	349.00	1.22	1.15	94.26%	0.80	65.57%												
A-15-124	349.00	350.52	1.52	1.65	108.55%	1.13	74.34%												
A-15-124	350.52	352.96	2.44	1.89	77.46%	0.56	22.95%												
A-15-124	352.96	354.18	1.22	1.26	103.28%	0.27	22.13%												
A-15-124	354.18	355.10	0.92	0.9	97.83%	0.41	44.57%												
A-15-124	355.10	357.53	2.43	2.39	98.35%	1.24	51.03%												
A-15-124	357.53	360.58	3.05	2.85	93.44%	2.35	77.05%												
A-15-124	360.58	364.24	3.66	3.63	99.18%	2.98	81.42%												
A-15-124	364.24	367.28	3.04	2.78	91.45%	0.62	20.39%												
A-15-124	367.28	370.33	3.05	3.14	102.95%	1.48	48.52%												
A-15-124	370.33	373.38	3.05	3.02	99.02%	0.43	14.10%												
A-15-124	373.38	376.43	3.05	2.72	89.18%	0.80	26.23%												
A-15-124	376.43	379.48	3.05	2.96	97.05%	1.63	53.44%												
A-15-124	379.48	382.52	3.04	3.05	100.33%	1.72	56.58%												
A-15-124	382.52	385.57	3.05	2.88	94.43%	2.58	84.59%												
A-15-124	385.57	388.62	3.05	3.25	106.56%	3.25	106.56%												
A-15-124	388.62	391.67	3.05	3.14	102.95%	2.24	73.44%												
A-15-124	391.67	394.72	3.05	2.84	93.11%	2.78	91.15%												
A-15-124	394.72	397.76	3.04	3.06	100.66%	2.34	76.97%												
A-15-124	397.76	400.81	3.05	3.27	107.21%	2.36	77.38%	>50	>50										
A-15-124	400.81	403.86	3.05	3.05	100.00%	2.94	96.39%	>75	>75										
A-15-124	403.86	406.91	3.05	3.05	100.06%	2.85	93.50%												
A-15-124	406.91	409.96	3.05	2.92	95.80%	2.77	90.88%												
A-15-124	409.96	413.00	3.05	3.06	100.39%	2.90	95.14%												
A-15-124	413.00	416.05	3.05	3	98.42%	2.93	96.13%	7	3	2	2								
A-15-124	416.05	419.10	3.05	3.03	99.41%	2.61	85.63%	1	1										
A-15-124	419.10	422.15	3.05	3.1	101.70%	2.70	88.58%												
A-15-124	422.15	425.20	3.05	2.88	94.49%	2.71	88.91%	5	2	1	1		1						
A-15-124	425.20	428.24	3.05	3.01	98.75%	2.95	96.78%	23	20	2	1								

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-124	428.24	430.99	2.75	2.52	91.79%	2.37	86.33%	9	9										
A-15-124	430.99	434.04	3.05	2.98	97.70%	2.88	94.43%	15	10	3	2								
A-15-124	434.04	437.09	3.05	2.96	97.05%	2.94	96.39%	4	2	2									
A-15-124	437.09	440.44	3.35	3.21	95.91%	2.97	88.74%	4		2		1	1						
A-15-124	440.44	443.48	3.04	3.08	101.21%	3.04	99.90%												
A-15-124	443.48	446.53	3.05	2.8	91.71%	2.68	87.78%	2			2								
A-15-124	446.53	449.58	3.05	3.06	100.39%	3.06	100.39%	1					1						
A-15-124	449.58	451.10	1.52	1.56	102.71%	1.56	102.71%												
A-15-124	451.10	454.15	3.05	3.02	99.02%	1.46	47.87%												
A-15-124	454.15	455.68	1.53	1.14	74.51%	0.67	43.79%												
A-15-124	455.68	458.72	3.04	2.96	97.37%	2.41	79.28%	3				2	1						
A-15-124	458.72	461.77	3.05	2.98	97.70%	2.57	84.26%	7		1	4	2							
A-15-124	461.77	464.82	3.05	3.05	100.00%	2.85	93.44%	1			1								
A-15-124	464.82	467.87	3.05	3.01	98.69%	2.76	90.49%	2		1	1								
A-15-124	467.87	470.92	3.05	3.06	100.33%	2.56	83.93%	10	4	5		1							
A-15-124	470.92	473.96	3.04	2.83	93.09%	2.75	90.46%	5	5										
A-15-124	473.96	477.01	3.05	2.75	90.16%	2.20	72.13%												
A-15-124	477.01	478.58	1.57	1.55	98.73%	1.48	94.27%	15	11	4									
A-15-124	478.58	483.11	4.53	4.52	99.78%	4.26	94.04%												
A-15-124	483.11	486.16	3.05	2.89	94.75%	2.33	76.39%												
A-15-124	486.16	489.20	3.04	3.01	99.01%	2.54	83.55%	3	3										
A-15-124	489.20	492.25	3.05	3.05	100.00%	2.48	81.31%												
A-15-124	492.25	495.30	3.05	3.02	99.02%	2.71	88.85%												
A-15-124	495.30	498.35	3.05	2.72	89.18%	2.54	83.28%	5	3			2							
A-15-124	498.35	501.40	3.05	2.91	95.41%	2.74	89.84%	2	2										
A-15-124	501.40	504.44	3.04	2.83	93.09%	1.84	60.53%	3	1	1	1								
A-15-124	504.44	506.88	2.44	2.43	99.59%	1.53	62.70%	1	1										
A-15-124	506.88	509.93	3.05	3.02	99.02%	2.82	92.46%	1			1								
A-15-124	509.93	510.54	0.61	0.36	59.02%	0.25	40.98%												
A-15-124	510.54	513.59	3.05	2.96	97.05%	2.89	94.75%												
A-15-124	513.59	516.64	3.05	2.94	96.39%	2.94	96.39%												
A-15-124	516.64	519.68	3.04	2.91	95.72%	2.36	77.63%	3		3									
A-15-124	519.68	522.73	3.05	3.05	100.00%	2.60	85.25%												
A-15-124	522.73	525.78	3.05	2.97	97.38%	2.67	87.54%	3		2	1								
A-15-124	525.78	528.83	3.05	2.88	94.43%	2.71	88.85%	3		2	1								
A-15-124	528.83	530.35	1.52	1.53	100.66%	1.27	83.55%												
A-15-124	530.35	531.88	1.53	1.01	66.01%	0.31	20.26%												
A-15-124	531.88	534.92	3.04	2.88	94.74%	2.60	85.53%												
A-15-124	534.92	537.97	3.05	2.79	91.48%	2.63	86.23%												
A-15-124	537.97	541.02	3.05	3.16	103.61%	2.81	92.13%												
A-15-124	541.02	544.07	3.05	2.88	94.43%	2.59	84.92%	18	18										
A-15-124	544.07	547.12	3.05	3.02	99.02%	2.10	68.85%	2	1				1						
A-15-124	547.12	550.16	3.04	2.85	93.75%	2.74	90.13%	2			1	1							
A-15-124	550.16	553.21	3.05	3.22	105.57%	3.16	103.61%	2	2										
A-15-124	553.21	556.26	3.05	2.86	93.77%	2.43	79.67%	2	1		1								
A-15-124	556.26	559.31	3.05	2.61	85.57%	1.52	49.84%	2	1		1								
A-15-124	559.31	562.36	3.05	2.66	87.21%	2.27	74.43%	1					1						
A-15-124	562.36	563.88	1.52	0.6	39.47%	0.00	0.00%												
A-15-124	563.88	565.71	1.83	0.75	40.98%	0.00	0.00%												
A-15-124	565.71	567.23	1.52	0.96	63.16%	0.10	6.58%	5	5										
A-15-124	567.23	567.54	0.31	0.36	116.13%	0.16	51.61%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-124	567.54	568.76	1.22	1.22	100.00%	0.18	14.75%												
A-15-124	568.76	569.98	1.22	0.91	74.59%	0.10	8.20%												
A-15-124	569.98	571.50	1.52	1.34	88.16%	0.34	22.37%												
A-15-124	571.50	574.55	3.05	2.94	96.39%	2.78	91.15%	1	1					12	1	11			
A-15-124	574.55	577.60	3.05	2.96	97.05%	2.72	89.18%	6	6										
A-15-124	577.60	579.73	2.13	2.31	108.45%	0.94	44.13%												
A-15-124	579.73	581.25	1.52	1.34	88.16%	0.19	12.50%	5	5										
A-15-124	581.25	582.78	1.53	1.52	99.35%	0.70	45.75%												
A-15-124	582.78	585.22	2.44	2.31	94.67%	1.06	43.44%	1					1	1		1			
A-15-124	585.22	586.74	1.52	1.42	93.42%	1.11	73.03%												
A-15-124	586.74	589.79	3.05	2.88	94.43%	2.08	68.20%												
A-15-124	589.79	592.84	3.05	3.1	101.64%	2.67	87.54%							3	2	1			
A-15-124	592.84	595.88	3.04	3.14	103.29%	2.15	70.72%												
A-15-124	595.88	598.93	3.05	2.78	91.15%	1.93	63.28%	4		4									
A-15-124	598.93	601.98	3.05	3.27	107.21%	2.19	71.80%	3											
A-15-124	601.98	605.03	3.05	3.05	100.00%	2.94	96.39%							13	10	2	1		
A-15-124	605.03	608.08	3.05	2.85	93.44%	2.37	77.70%	1	1					8	7	1			
A-15-124	608.08	611.12	3.04	2.88	94.74%	1.99	65.46%												
A-15-124	611.12	615.39	4.27	4.03	94.38%	2.96	69.32%							14	11	3			
A-15-124	615.39	617.22	1.83	2.01	109.84%	1.85	101.09%							9	7	2			
A-15-124	617.22	619.66	2.44	2.33	95.49%	1.95	79.92%							8	7		1		
A-15-124	619.66	621.49	1.83	2	109.29%	0.61	33.33%							2	2				
A-15-124	621.49	623.32	1.83	1.46	79.78%	0.45	24.59%												
A-15-124	623.32	626.36	3.04	2.8	92.11%	0.60	19.74%												
A-15-124	626.36	629.41	3.05	2.97	97.38%	1.61	52.79%	1			1			4	3	1			
A-15-124	629.41	632.46	3.05	2.85	93.44%	2.60	85.25%							2	2				
A-15-124	632.46	635.51	3.05	2.98	97.70%	2.81	92.13%							9	5	2	2		
A-15-124	635.51	638.56	3.05	3.06	100.33%	2.54	83.28%												
A-15-124	638.56	641.60	3.04	3.06	100.66%	2.87	94.41%	2	1		1			6	6				
A-15-124	641.60	644.65	3.05	2.97	97.38%	2.90	95.08%							16	10	5	1		
A-15-124	644.65	647.70	3.05	2.98	97.70%	2.42	79.34%							15	11	3	1		
A-15-124	647.70	650.75	3.05	2.93	96.07%	2.51	82.30%	1			1			5	3		2		
A-15-124	650.75	653.80	3.05	2.94	96.39%	2.88	94.43%	2	2					13	8	4	1		
A-15-124	653.80	656.55	2.75	2.9	105.45%	2.23	81.09%	2	2					11	8	3			
A-15-124	656.55	658.98	2.43	2.33	95.88%	1.67	68.72%	8	8										
A-15-124	658.98	662.03	3.05	2.97	97.38%	2.91	95.41%	>100	>100										
A-15-124	662.03	665.07	3.04	2.72	89.47%	2.42	79.61%	>100	>100										
A-15-124	665.07	667.82	2.75	2.18	79.27%	2.11	76.73%	>100	>100										
A-15-124	667.82	669.34	1.52	2.43	159.87%	2.17	142.76%												
A-15-124	669.34	672.08	2.74	2.31	84.31%	1.76	64.23%												
A-15-124	672.08	675.13	3.05	3.04	99.67%	3.04	99.67%												
A-15-124	675.13	678.18	3.05	3.13	102.62%	3.06	100.33%												
A-15-124	678.18	681.23	3.05	2.9	95.08%	2.78	91.15%												
A-15-124	681.23	684.28	3.05	3.13	102.62%	3.09	101.31%												
A-15-124	684.28	687.32	3.04	2.95	97.04%	2.95	97.04%												
A-15-124	687.32	690.37	3.05	2.85	93.44%	2.12	69.51%												
A-15-124	690.37	693.42	3.05	3.1	101.64%	2.79	91.48%												
A-15-124	693.42	696.47	3.05	3.05	100.00%	2.88	94.43%												
A-15-124	696.47	699.52	3.05	3.12	102.30%	3.12	102.30%												
A-15-124	699.52	702.56	3.04	3.12	102.63%	3.12	102.63%												
A-15-124	702.56	705.61	3.05	2.9	95.08%	2.90	95.08%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-124	705.61	708.66	3.05	2.97	97.38%	2.97	97.38%												
A-15-124																			
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A-15-124																			
A-15-124																			

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION
CS	
911	
3SH	AKIE FORMATION
3RB	AKIE FORMATION
3BX	AKIE FORMATION
3SS	AKIE FORMATION
3SH	AKIE FORMATION
3TS	AKIE TRANSITION CONTACT
2SST	WARNEFORD FORMATION
4SH	GUNSTEEL FORMATION
4SS	GUNSTEEL FORMATION
4FSH	GUNSTEEL FORMATION
4PYSH	GUNSTEEL FORMATION
4BSH	GUNSTEEL FORMATION
4MBSH	GUNSTEEL FORMATION
4CSH	GUNSTEEL FORMATION
4MPSH	GUNSTEEL FORMATION
4CC	GUNSTEEL FORMATION
4MS	Gunsteel Formation
5SS	Paul River Formation
5SH	Paul River Formation
5LS	Paul River Formation
5BLS	Paul River Formation
5BXLS	Paul River Formation
6SS	ROAD RIVER GROUP
6CSS	ROAD RIVER GROUP
6SH	ROAD RIVER GROUP

6LS	**ROAD RIVER GROUP**

STRUCTURES
FOL
BDG
FLT
BRX
FA
FA-Z
FA-S
FA-W
FA-M
CLV
T-UP
T-DOWN

ALTERATION
SILC
CARB

GROUP & FORMATION

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

DESCRIPTION
CASING
Missing core
Shale
Ribbon Bedded Cherts?
Breccia
Sandstone

These unit remain relatively undefined at this time. Tl
However this could change with more data.

Light to medium grey soft very grained mudstone/shale.
Waxy/soft to touch along fracture surfaces.

Transitional between AKIE and Gunsteel light to medium grey soft shale
Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.

Black, graphitic shales with disseminated vfg pyrite
Dark grey to black fg siltstones
Fragmental shale with variably sized fragments and clasts composed of shale, siltstone, etc.
Laminated pyrite with nodular Barite beds interbedded with black shales
Nodular barite beds interbedded with black shales and weak-very weak laminated pyrite.
Laminated to Massive bedded barite with minor nodular barite
Laminated chert beds interbedded with black shales
Bedded Pyrite with minor Sp and Pb interbedded with black shales
Laminated massive sulphides of steel grey to amber sphalerite, galena and pyrite interbedded with black shales
Semi-massive to crudely layered sulphide lens

Black, carbonaceous to siliceous argillite interbedded with abundant light grey calcareous siltstones & debris flow beds.
Black, carbonaceous to siliceous mudstone/shale interbedded with pyritic siltstone beds to abundant debris flow beds.
Non fossiliferous limestone
Fossiliferous, bioclastic limestone
Brecciated limestone, or a debris flow containing limestone, siltstone and or shale fragments

Siltstone
Generally well beddded calcareous to dolomitic siltstone
Shale/mudstones

Limestone

Foliation plane
Bedding plane
Fault
Breccia
Fold Axis-general
Fold Axis in apparent z fold
Fold Axis in apparent s fold
Fold Axis in apparent w fold
Fold Axis in apparent m fold
Cleavage
Topping direction uphole
Topping direction downhole

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

hey are considered to be associated with the Akie Formation

TSX-V:CZX
CANADA ZINC METALS CORP.

Akie Property

Drill Hole # A-15-125

Date	27 July 2015 - 4 Aug 2015	Logger	P. McLaughlin/ Scott Dowler

Collar Orientation

Proposed	
Azimuth	30
Dip	-65
Length (m)	400

Actual	
Azimuth	
Dip	
Length (m)	461.77

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360161
Easting (m)	388557
Elevation (m)	1484
Grid Section	32755

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	July 26th, 2015
Date Completed	August 4th, 2015
Capped	Yes
Casing	6.10 meters
Drilled Units	Imperial (converted to metric)

Hole Objective: This hole is designed as an infill hole intended to intersect high grade mineralization 60-70metres down-dip and up-dip of A-07-49 and A-07-50 respectively. Using Pad 30

Comments: The magnetic declination for 2015 is 19.3 deg East.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	30	-65
45.11	29.1	-65.1
90.83	28.9	-65.4
136.55	28.9	-64.2
182.27	30	-60.6
185.32	30.3	-60.2
226.83	29.3	-56.4
250.91	29.9	-54.9
273.78	29.2	-53.7
319.51	30	-52.2
365.24	31	-50.9
410.97	31.6	-48.9
455.79	32.2	-47.7

Hole Summary: DDH A-15-125 collared into moderately hard, dark grey to black mudstone, indicative of the transitional Akie – Gunsteel zone. Gunsteel shale continued to 56.26m with one narrow chert bed within it. From 56.26 – 62.29m and 66.0 - 70.41m the drill hole intersected fine grained, pyritic nodular barite beds, separated by Gunsteel shale. From 70.41 – 83.22m was an interval of mudstone with disrupted beds of silty laminations. Gunsteel shale interbedded with occasional, narrow chert beds was the dominant feature until 245.36m. The next 8.3m of the hole was drilled through a mudstone supported fragmental, debris flow composed of mudstone clasts, siltstone clasts, and quartz-carbonate vein fragments. Also in this interval was weak, distal mineralization of laminar pyrite with nodular barite. From 265.78 – 297.08m the lithology continues to be dominantly Gunsteel shale, with occasional, narrow chert beds throughout. Weak amounts of laminar pyrite and nodular barite mineralisation are found in the bottom 18m of the previous interval.

The first expression of appreciable distal mineralisation occurs from 297.08 – 306.07m and is characterized by 6-10cm thick beds of laminar pyrite and nodular barite interbedded with Gunsteel shale. Mineralised beds in this interval are oriented at a low angle to core axis. Gunsteel shale interbedded with occasional, narrow chert beds dominated the lithology again, to a depth of 378.12m. From 378.12 – 398.07m there is another expression of distal mineralisation, this time with mineralised beds oriented at 30-50 degrees to core axis.

From 409.37 – 416.05m the drill hole intersected proximal mineralization, composed of 4-8cm thick beds of laminar pyrite and minor fine grained, pyritic nodular barite. Mineralised beds are oriented at 35-45 degrees to core axis.

Cardiac Creek mineralisation is intersected from 416.05 – 439.91m and is separated by a 70cm wide chert bed at 428.42 – 429.11m. From 416.05 – 439.91m the mineralisation is present in approximately a

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-125	0.00	6.10	6.10	Casing	Casing	CS		CS
A-15-125	6.10	10.11	4.01	Softer dark grey to black shale (possible AKF transition Zone)	Dark grey to black, very fine, less siliceous shale. Highly oxidized fracture coatings. Very 'busted up' and cleaved typical of shallow surface shale. Very fine disseminated brassy yellow pyrite. Not inredibly obvious to be Akie Formation however this thin interval could represent the lower transitional contact between AKF and GSF rocks.	3SH	4SH	GSF
A-15-125	10.11	38.83	28.72	Very fine black siliceous Gunsteel shale	Very fine, black, well cleaved siliceous Gunsteeel shale. Entire unit is well cleaved throughout. Scattered horizons with interlaminated fine silty beds. Mineralized with finely disseminated brassy yellow pyrite. Scattered 30cm calcareous concretions. Cleavage and bedding are near parallel and ranges from 25-55°tca. Entire unit is well well cleaved with local rubbly fault and lesser gouge.	4SH		GSF
A-15-125	38.83	40.00	1.17	Thick grey very siliceous chert interbed	Grey to dark grey, very fine siliceous cherty interbed. Conchoidal like fractures on cores outer surface from drill. Abundant black mud filled fractures? as well as fine quartz carbonate fracture veinlets. Unit is highly fractured and clavaed throughout.	4CSH		GSF
A-15-125	40.00	56.26	16.26	Black mudstone with scattered silty laminations	Siliceous, moderately, hard, black, very fine grained mudstone that is generally blocky and well cleaved at 25-45 deg TCA. There is very fine grained, disseminated brassy yellow pyrite throughout. There are occasional calcareous beds of mudstone containing medium to fine grained, brassy pyrite throughout the interval. Scattered throughout are minor quartz - carbonate +/- medium grained, brassy, cubic pyrite veinlets that are parallel to cleavage. Entire unit is highly fractured and cleavaed. Scattered discrete sub-cm scale grey black silty laminae and beds.	4SH		GSF
A-15-125	56.26	62.29	6.03	Black mudstone interlaminated with fine nodular barite	Black, siliceous, fine grained shale containing multi dm thick bands containing mm scale nodular barite. Barite contains fine grained pyrite core. Nodular barite pulses occur every 20-100cm and nodular barite makes up 2-3% of the interval. Scattered, pyritic silty beds within mudstone. Well cleaved core. Nodular Barite and silt beds parallel to cleavage at 25-55°TCA. Gradational lower contact.	4BSH		GSF
A-15-125	62.29	66.00	3.71	Black siliceous mudstone	Siliceous, moderately, hard, black, very fine grained mudstone that is generally blocky and well cleaved at 25-45 deg TCA. There is very fine grained, disseminated brassy yellow pyrite throughout. There are occasional calcareous beds of mudstone containing medium to fine grained, brassy pyrite throughout the interval. Scattered throughout are minor quartz - carbonate +/- medium grained, brassy, cubic pyrite veinlets that are parallel to cleavage. Entire unit is highly fractured and cleavaed.	4SH		GSF
A-15-125	66.00	70.41	4.41	Black mudstone interlaminated with fine nodular barite	Black, siliceous, fine grained shale containing multi dm thick bands containing mm scale nodular barite. Barite contains fine grained pyrite core. Nodular barite pulses occur every 20-100cm and nodular barite makes up 2-3% of the interval. Scattered, pyritic silty beds within mudstone. Well cleaved core. Nodular Barite and silt beds parallel to cleavage at <25°TCA. Gradational lower contact.	4BSH		GSF
A-15-125	70.41	83.22	12.81	Black siliceous mudstone with disrupted bands of silty beds and minor laminations	Black very fine siliceous mudstone beds contains moderately disrupted faint grey very fine to fine irregular silty laminations. Less pronounced than the unit observed in both 123 and 124. Finegrained brassy yellow disseminated pyrite as well as scattered cm-scale blebs.Well developed cleavage at shallow angles (<20° tca). Bedding is predominantly parallel to cleavage. The silty laminations and their disrutive natures decreases downhole. Underlying contact to Gunsteel shale is marked by a very thick and well developed fault zone. Lower contact is lost.	4DSS		GSF
A-15-125	83.22	86.51	3.29	Gunsteel shale with mud and silty fragments	Gunsteel shale interbedded with rare grey to dark grey silty fragments along with cm-scale mudstone fragments oriented paralllel to cleavage. Unit is reasonably preserved because its within the uppermost section of an intense fault zone. Cleavage and bedding ranges from 35-45°tca.	4FSH	4SH	GSF
A-15-125	86.51	154.24	67.73	Black siliceous mudstone	Typical thickly bedded black mudstone with scattered fine silty laminations. Cleavage in upper sections is predominantly 40-60°tca. Finely disseminated brassy yellow pyrite.	4SH		GSF
A-15-125	154.24	154.53	0.29	Thin very siliceous chert interbed	Grey to dark grey very siliecous chert interned. Abundant quartz and minor carbonate veining. Not mineralized. Sharp upper and lower contact.	4CSH		GSF
A-15-125	154.53	164.75	10.22	Ttypical thickly bedded black mudstone	Same as above. Separated by siliceous chert interbed.	4SH		GSF
A-15-125	164.75	166.46	1.71	Thin very siliceous chert interbed	Grey to dark grey very siliecous chert interned. Intense quartz nd minor carbonate veining. Not mineralized. Highly fractured upper and lower contact. Not mineralized.	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-125	166.46	245.36	78.90	Thickly bedded black, siliceous mudstone	A thick package of black, thickly bedded, very fine black siliceous mudstone. Unit is well cleaved throughout and very consistent at approximately 45-5tca. Bedding is observed by frequent fine silty beds oriented parallel to cleavage 40-55°tca and increases slightly downhole to 60-75 °tca. Very finely disseminated brassy yellow pyrite with nominal increase in concentration near silty beds.	4SH		GSF
A-15-125	245.36	253.68	8.32	Fragmental black mudstone interbedded with rare laminar pyrite and nodular barite	Beds of fragmental debris flow supported by a black mudstone matrix are interbedded with black, very fine grained, siliceous mudstone, and rare beds of laminar pyrite and nodular barite. The fragmental beds are 20-50cm thick and contain 1-5mm sized, sub-angular to sub-rounded pyritic siltstone and pyritic carbonate/ quartz fragments. There is no grading observed and grain size is consistent throughout. Fragments are often elongated parallel to cleavage at 35 - 45 deg TCA. There are rare, thin beds of very fine grained, dull brown laminar pyrite containing minor 1mm sized, off white, carbonaceous and pyritic barite nodules. White quartz-carbonate veining is common throughout. The upper contact is marked by a 70cm wide white quartz- carbonate flooding zone with the fragmental unit starting immediately after. The lower contact is marked by a distinct grey quartz brecciated, brassy pyrite vein.	4FSH	4PYSH	GSF
A-15-125	253.68	257.27	3.59	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, disseminated, brassy pyrite. There are a number of 2-3cm wide white quartz-carbonate veins oriented at 25-40 deg TCA. Core is well cleaved at 40-50 deg TCA and is semi-competent in thick disks.There are a few small, gouge filled faults in this interval.	4SH		GSF
A-15-125	257.27	265.78	8.51	Laminar pyrite and nodular barite interbedded with black mudstone	Black, siliceous, very fine grained mudstone interbedded with beds of distal mineralization in the form of very fine grained, dull brown, laminar pyrite and 1-3mm wide, off white, pyritic nodular barite laminations. The mineralized beds are 1-10cm thick, oriented at 30-40 deg TCA and are generally seperated by shale 1-30cm thick shale beds. Laminar pyrite and nodular barite beds are composed of approximately 60% pyrite and 40% barite. These beds increase in frequency and thickness from top to bottom up to a maximum thickness of 10cm. The lower contact is sharp at a mineralized bed. White quartz carbonate veins are common in this interval. The core is competent and well cleaved at 25-35 deg TCA.	4PYSH		GSF
A-15-125	265.78	272.80	7.02	Black siliceous mudstone	Black, very fine grained, siliceous mudstone containing abundant very fine grained, brassy, disseminated pyrite. There are rare carbonaceous silt beds and pyritic silt beds oriented parallel to cleavage. Core is competent and cleaved at 30-45 deg TCA. There is abundant white quartz carbonate veining from 270.9 - 273.55m	4SH		GSF
A-15-125	272.80	273.62	0.82	Cherty mudstone	Very fine grained, dark grey, strongly brecciated rock containing very fine grained disseminated, brassy pyrite. Possible silicifcation rather than a chert bed as no distinct contacts have been noted.	4CSH		GSF
A-15-125	273.62	278.74	5.12	Black, siliceous mudstone	Black, very fine grained, siliceous mudstone containing abundant very fine grained, brassy, disseminated pyrite. Occasional brassy, pyritic silt beds throughout. There are rare, pyritic nodular barite laminations without accompanying laminar pyrite. Core is competent and cleaved at 30 - 40 deg TCA. The bottom contact is sharp with a chert bed at 28 deg TCA	4SH		GSF
A-15-125	278.74	279.50	0.76	Chert	Very hard, grey, very fine grained, weakly bedded chert that contains fine grained, disseminated, brassy pyrite throughout. Within the chert there are abundant quartz veinlets, forming a weak stockwork. The dominant vein orientation is 100-120 deg TCA. The rock has a conchoidal fracture when broken. The upper contact is sharp, regular, and oriented at 28 deg TCA. The lower contact is sharp, irregular, and generally oriented at 15 deg TCA.	4CSH		GSF
A-15-125	279.50	297.08	17.58	Black, siliceous mudstone	Black, very fine grained, siliceous mudstone containing abundant very fine grained, brassy, disseminated pyrite throughout. There are sporadic, weakly developed, thin (5-8cm in thickness) beds of very fine grained, dull brown laminar pyrite interlaminated with off-white, pyritic nodular barite, totaling <1% of the interval. The mineralized beds are generally seperated by greater than a meter of black shale. There are also irregular - planar, pyritic silt beds scattered throughout the interval. From 283 - 286.5m there is a concentration of .2-3cm long, oblong shaped, pyrite lenses. Core is competent and cleaved at 20-35 deg TCA throughout. Trace amounts of quartz-carbonate veining occur in this interval.	4SH	4PYSH	GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-125	297.08	306.07	8.99	Weak nodular barite/ laminar pyrite interbedded with black mudstone	Black, siliceous, very fine grained mudstone interbedded with scattered thin beds of off white, pyritic nodular barite and dull brown, very fine grained, laminar pyrite. Mineralized beds are oriented at 10-170 deg TCA-->INTERP: drilling through a fold hinge. Mineralized beds have a true thickness of 6-10cm and laminations are generally seperated by mudstone within the beds. The total mineralization in the interval is approximately 5% pyrite, 5% barite and this is due to drilling sub-parallel to bedding. Many sub-cm sized, grey, round concretions are found within the mineralized beds. Core is competent and cleaved at 25-35 deg TCA.	4PYSH		GSF
A-15-125	306.07	308.41	2.34	Cherty shale	Very hard, grey, very fine grained, weakly bedded chert - cherty shale, containing disseminated very fine grained, brassy pyrite throughout. There is also a marked increase in white, randomly oriented quartz-carbonate veins, veinlets and stringers (10%). Possibly a zone of strong silicification. The upper contact is sharp at 40 deg TCA and the lower contact is also sharp and oriented at 30 deg TCA, with minor gouge and a 3cm thick quartz-carb vein.	4CSH		GSF
A-15-125	308.41	326.12	17.71	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, disseminated, brassy pyrite. The rock is generally featureless, black shale, however, a unique characteristic is a set of cleavage parallel, white, carbonate veinlets (1-3mm wide) that are common throughout (total 3% of interval). Concretions are rare, but there is one large, 70cm wide concretion at 325.55m. Core is competent and well cleaved at 40 deg TCA.	4SH		GSF
A-15-125	326.12	331.20	5.08	Black, siliceous mudstone with minor nodular to bedded barite	Black, siliceous, very fine grained mudstone that is interbedded with thin, sporadic off-white, pyritic, nodular barite to bedded barite. The beds are convoluted and oriented at varying angles TCA. At 326.32m is a 3-4cm thick, disrupted bed that appears to be composed of mm sized, barite nodules. There is one sub-cm sized concretion in this bed. There are four nodular barite beds over the interval and one exhibits w-folding. Cleavage parallel carbonate veins decrease significantly in frequency over this interval. The lower contact is sharp at 35 deg TCA with a 1-2cm wide, irregular quartz-carbonate vein followed by chert. INTERP: large scale fold causing baritic shales at this level in the stratigraphy???	4SH	4BSH	GSF
A-15-125	331.20	335.54	4.34	Chert/ Cherty shale	Grey, very hard, very fine grained chert that contains abundant, very fine grained disseminated pyrite. There are also sporadic zones of chert that contains very fine grained, white, carbonate nodules (?), which sometimes appear bedded. The most obvious feature of this interval is the brittle fracture infilled quartz-carbonate stringer stockwork throughout the unit. The chert is also faulted, containing abundant rubble, gouge, and graphitic, polished fragments throughout the interval. The lower contact is parallel TCA.	4CSH		GSF
A-15-125	335.54	378.12	42.58	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. Core is generally blocky - competent with few zones of disc core and minor gouge. There are rare 2-20cm wide, highly fractured, quartz-carbonate infilled, chert beds in this interval. A few <10cm wide concretions are present. From 377.3m to the start of the mineralized beds there is a weak presence of oblong, 3-10mm long, brassy, pyrite clusters, oriented parellel to cleavage.	4SH		GSF
A-15-125	378.12	398.07	19.95	Laminar pyrite and nodular barite interbedded with black mudstone	Black, siliceous mudstone interbedded with thin, 1-6cm thick beds of very fine grained, dull brown laminar pyrite interbedded with 1-5mm wide, off-white, pyritic, nodular barite. Mineralised beds are generally 1-3cm wide (true thickness), oriented at 30-50 deg TCA (gradually increasing in angle TCA downhole), and seperated by 1-100cm thick shale interbeds. From 378.12 - 383.9m the mineralized beds contain numerous sub-rounded, grey, granular, sub-cm sized fragments. Fragment content decreases for the remainder of the interval. Also from 378.12-383.9m the barite nodules are small (1-2mm wide) and present in a ratio of 1:2 with laminar pyrite (more akin to weak MPSH). From 383.9 - 395.0m nodular barite is coarser grained (2-5mm wide) and present in a 1:1 ratio. INTERP: overturned, fold with weak MPSH or small thrust?? --> rare evidence of folding within mineralized beds (w-fold at 387.8)...?? Core is competent and well cleaved at 30-40 deg TCA. From 386.67-387.85m is a zone of sheeted quartz-carbonate veining and ductile deformed mudstone that is possibly a healed shear zone.	4PYSH	4MPSH	GSF
A-15-125	398.07	398.46	0.39	Chert	Very hard, grey, very fine grained bedded chert containing abundant fracture infill, white quartz - carbonate stringers, oriented at 110-160 deg TCA --> indication of compression. There are a few stringers of brassy, cubic pyrite and grey quartz at 35-40 deg TCA, cross cutting the aforementioned stringers. These quartz-pyrite veins are the same orientation as the upper and lower contact. The lower contact is also marked by a 0.5cm wide, white quartz vein. The chert also exhibits chatter marks from drilling and fractures conchoidally.	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-125	398.46	400.81	2.35	Thicker laminar pyrite and nodular barite beds interbedded with black mudstone	This interval is characterized by 3-16cm thick (true thickness) beds of dull brown, very fine grained, laminar pyrite interlaminated with fine grained, 1mm sized, off-white, pyritic, nodular barite. Mineralised beds are oriented at 30-50 deg TCA and interbedded with 10-50cm thick, black mudstone beds. Sub-cm sized, rounded granular - bedded fragments occur frequently within the mineralized beds and pyrite laminations bend and thin around the fragments. This bending and thinning of laminations creates a pressure shadow around fragments, with tails parallel to bedding. Pyrite is present in a 3:1 ratio with barite throughout the interval. Some beds have been displaced by brittle deformation and are cross-cut by quartz-carbonate veins	4MPSH		GSF
A-15-125	400.81	404.00	3.19	Weak nodular barite interbedded with black mudstone	Minor amounts of 1cm thick, medium grained (2-4mm wide), off-white, pyritic nodular barite within black, siliceous, very fine grained mudstone. There are no pyrite laminations. Nodular barite beds are generally oriented at 30-40 deg TCA. Core is competent, well cleaved at 30 -40 deg TCA and has minor cleavage parallel, quartz-carbonate veining within.	4BSH		GSF
A-15-125	404.00	409.68	5.68	Black, siliceous mudstone interbedded with a few chert beds	Black, very fine grained, siliceous mudstone interbedded with a couple 30-40cm wide chert beds. Chert beds are very hard, grey, very fine grained and contain abundant fracture infill, white quartz - carbonate stringers - veinlets. Veining within the chert is dominantly oriented at 90-140 deg TCA. Chert beds occur at 405.38 - 405.7m and at 406.3 - 406.66m, and are oriented at 30-40 deg TCA. Core is competent and cleaved at 25-35 deg TCA. The lower contact is a fault at an oblique angle TCA. (120 deg TCA oblique).	4SH	4CSH	GSF
A-15-125	409.37	416.05	6.682	Thickly bedded laminar pyrite	This interval of moderately thickly bedded proximal sulphide mineralisation occurs completely within a large fault zone characterized by an interval of competent core surrounded by intervals of well-deveolped rubble and gouge. Mineralised beds are composed of dominantly dull brown, very fine grained, laminar pyrite and minor, interlaminated, fine grained (1mm in size), off-white, pyritic, nodular barite. Pyrite makes up 80% of the mineralisation. Sub-cm sized, grey, rounded, granular - bedded, fragments are common within the mineralized beds and cause pyrite laminations to thin and bend around them, creating carbonate infilled pressure shadows. Mineralised beds are generally oriented at 35-45 deg TCA and are 4-8cm thick. Some beds have been disrupted by veining/ faulting. Small chert beds are present from 409.98 - 410.01m and 414.62 - 414.84m, oriented at 40 deg TCA.	4MPSH		GSF
A-15-125	416.05	428.42	12.37	Cardiac Creek Zone	This interval of the cardiac creek zone is characterized by 6-110cm thick beds of laminar sulphide mineralisation interbedded with 1-100cm thick intervals of black, siliceous, very fine grained mudstone. Sulphide mineralisation accounts for 45% of the entire interval and planar - crenualted/ tight micro-folded, mineralised beds are generally oriented at 55-80 deg TCA. Sulphide mineralisation is composed dominantly of bands of very fine grained, light grey, spahelerite +/- fine grianed, blue-grey, disseminated galena interbedded/ interlaminated with very fine grained, dull brown, laminar-banded pyrite. There are also less frequent bands of grey-cream coloured, sulphide with a mottled texture caused by mm scale, grey quartz-carbonate throughout. Rims of the quartz-carb are also cream colored sphalerite and it is in these bands, associated with mottling, that a minor amount of fine grained, disseminated, blue-grey galena is observed. Grey - cream colored sphalerite bands are generally 0.3-7cm wide and they increase in frequency downhole.	4CC		GSF
					Fine grained, brassy pyrite is disseminated throughout the mineralised beds. 0.5-6cm wide, grey-dark grey, sub-angular to sub-rounded, bedded fragments are scattered throughout the mineralisation. Many fragments have carbonate rims and pressure shadows containing fine grained pyrite +/- fine grained galena. Fragments show weak clockwise rotation on occassion. Approximations for observable sulphide mineralization within this interval is as follows: 20% pyrite, 20% sphalerite, 2-4% galena and <1% barite.			
A-15-125	428.42	429.11	0.69	Chert	Grey, very hard, very fine grained chert that contains abundant, very fine grained disseminated pyrite. The rock is pitted from drilling and fractures conchoidally. White, fracture infill quartz-carbonate veinlets and stringers are randomly oriented throughout the interval. The lower contact is sharp with a 1cm wide, white quartz vein at 75 deg TCA.	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-125	429.11	439.91	10.8	Cardiac Creek Zone	The cardiac creek mineralisation in this interval generally has a higher ratio of sphalerite-galena to pyrite than the previous interval. Mineralised beds are 1-90cm thick, oriented at 45-65 deg TCA and seperated by black mudstone beds that vary in thickness from 1-45cm. The dominant mineralisation type observed in this section is banded, grey - cream colored, fine - coarse quartz-carbonate mottled, sphalerite-galena mineralisation. Galena mineralisation is very fine to fine grained, blue-grey coloured, and disseminated in close association/ on the margin of the irregular shaped, grey quartz-carbonate blebs. Galena can also be found in the pressure shadow of fragments and on fragment rims. Solid, grey, very fine grained sphalerite bands/laminations are common in the interval. Dull brown, very fine grained pyrite bands range in width from 0.1-1cm and contain abundant fine grained, disseminated, brassy pyrite throughout--> possibly remnants of nodular barite? Mineralised bands are generally planar, though occasionally they are micro-folded and disrupted. Fragments in this interval are 1-5cm wide, light - medium grey coloured, well-bedded, and sub-rounded.	4CC		GSF
					Most fragments have small pressure shadows, often oriented parallel to bedding, and occasionally showing clockwise rotation. The rims of fragments are composed of carbonate +/- fine grained pyrite and galena. There are a number of rubbly fault zones throughout the zone. Core is generally cleaved parallel to bedding. The upper contact is with a chert bed at 65 deg TCA, followed by a small shale bed and a small fault. The lower contact is sharp with a 30cm wide shale bed before the footwall mineralised zone begins.			
A-15-125	439.91	443.58	3.67	Massive bedded barite interbedded with massive pyrite	Light grey, soft, massive barite is interbedded dominantly with dull brown, very fine grained, laminar-bedded pyrite. There are a few rare 0.2-0.5cm wide bands of grey-cream coloured, very fine grained sphalerite bands with mottled grey, fine grained quartz-carbonate +/- galena. Barite beds vary in thickness from sub-cm to 23cm and increase in thickness downhole. The ratio of barite to pyrite also increases downhole. Black mudstone beds are 1-70cm thick and accounts for 25-30% of the interval, barite is 40-45%, pyrite15-20, sphalerite 2-4%. At 440.3m is a 4cm wide shear containing abundant quartz-carbonate veining and chunks of cardiac creek mineralization. Beding is at 60-75 deg TCA throughout the interval and cleavage is parallel bedding within mineralized zones. Bedded, grey 1-2cm wide fragments are infrequent throughout the interval and generally decrease in frequency downhole. Within shale interbeds cleavage is at 45-50 deg TCA. The lower contact is faulted.	4MBSH		GSF
A-15-125	443.58	444.02	0.44	Matrix supported, fine grained debris flow	The weak clastic breccia is composed of fine grained (1-4mm wide), sub-angular, pyritic quartz-carbonate fragments supported by a very fine grained, black, siliceous mudstone matrix. There is a weak flow direction at 65 deg TCA. The lower contact has rounded, oval, mudstone fragments containing rare, very fine grained, lathe-like nodular barite. The contact has abundant fine grained, brassy pyrite proximal to it. Within the debris flow interval there are two, 5cm wide sections of shear zone composed of white quartz-carbonate and thin mudstone sheets	5BXLS		PRF
A-15-125	444.02	461.77	17.75	Calcareous siltstone	Light grey to grey, fine grained siltstone with irregular sometimes blebby, calcareous beds. Siltstone contains a minor amount of fine grained, disseminate pyrite	6CSS		RRG
					EOH			

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-15-125	240.42	241.46	1.04	Angular shale fragments within a quartz carbonate breccia have moderately to strongly silicified causing them to be medium to dark grey	SIL	2
A-15-125	331.2	335.54	4.34	Quart-carbonate stringer stockwork causing moderate to strong silicification of chert(?) to a medium grey bleached colour	SIL	3

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-125	257.27	265.78	8.51	1-10cm thick beds of very fine grained, dull brown, laminar pyrite interlaminated with off-white, 1-3mm sized, pyritic barite nodules and seperated by 1-30cm thick shale beds	5			3		
A-15-125	279.5	297.08	17.58	Sporadic 5-8cm thick beds of nodular barite interlaminated with dull brown laminar pyrite and black shale	0.4			0.4		
A-15-125	297.08	303.68	6.6	Scattered 6-10cm thick beds of nodular barite interlaminated with dull brown laminar pyrite and black shale. Mineralized beds are oriented at a low angle to care axis which causes the mineralization estimation to drastically increase. Many sub-cm sized concretions are present within the mineralized beds.	5			5		
A-15-125	326.12	331.2	5.08	Rare convoluted, folded, off white, pyritic nodular barite beds.	0.4			0.6		
A-15-125	378.12	398.07	19.95	1-6cm thick beds of dull brown, very fine grained laminar pyrite, interlaminated - interbedded with 1-5mm wide, off-white, soft, pyritic, nodular barite. Mineralized beds are oriented at 30-50 deg TCA and frequently seperated by 30-70cm wide shale interbeds. Sub-cm sized, rounded fragments are common up to 383.9m.	6			4		
A-15-125	398.46	400.81	2.35	3-16cm thick beds of dominantly dull brown, very fine grained, laminar pyrite, interlaminated with fine grained (1mm sized), off white, pyritic, nodular barite. Sub-cm sized, rounded, granular - bedded fragments are common within mineralized beds. Mineralized beds are oriented at 30-50 deg TCA and seperated by 10-50cm beds of black mudstone	20			6		
A-15-125	400.81	404	3.19	Weak, off-white, medium grained (2-4mm wide), pyritic nodular barite beds oriented at 30-40 deg TCA	0.4			0.8		
A-15-125	409.37	416.05	6.68	4-8cm thick beds composed dominantly of dull brown, very fine grained, laminar pyrite and minor off white, fine grained (1mm sized), pyritic, nodular barite. Sub-cm sized, grey, rounded, fragments occur frequently within mineralised beds. Mineralization is sporadic, vein disrupted, and faulted, as it is found within a large fault zone	8			2		
A-15-125	416.05	428.42	12.37	6-110cm thick beds of laminar sulphide mineralisation composed dominantly of very fine grained, dull brown, laminar pyrite interbedded/ interlaminated with very fine grained, grey laminar sphalerite, cream colored, mottle textured sphalerite-quartz-carbonate+/- fine grained, disseminate galena. .5-6cm wide, sub-angular - sub-rounded, grey (often bedded) fragments are common within the mineralized beds. Fine grained, blue-grey galena is also found in the pressure shadows of fragments and within the carbonate rims around fragments.	20	20	3	1		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-125	429.11	439.91	10.8	1-90cm thick sulphide beds, oriented at 45-65 deg TCA. Sulphide mineralisation is generally composed of grey-cream coloured, sphalerite bands with a distinct, fine-coarse grained, grey, quartz-carbonate mottling texture. Associated with the mottling is abundant fine grained, blue-grey, metallic galena. Minor very fine grained, grey sphalerite bands are present. .1-1cm wide, dull brown, very fine grained pyrite is interbedded/ interlaminated throughout the beds. Within these pyrite beds is fine grained, brassy, disseminated pyrite. Sulphide mineralisation makes up approximately 45% of the interval.	8	30	6			
A-15-125	439.91	443.58	3.67	light grey, soft, massive bedded barite interbedded with dull brown, very fine grained, laminar - bedded pyrite. There are also rare, 0.2-0.5cm wide, grey - cream coloured, mottle textured sphalerite-quartz-carbonate +/- galena bands scattered throughout the interval. Sulphide and barite beds are oriented at 60-75 deg TCA.	20	2	1	40		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-125	240.42	241.46	1.04	white-grey quartz (70%) - carbonate (30%) stockwork containing abundant, angular, 1mm to 7cm sized fragments of silicified black mudstone. Silicification has caused the fragments to have a medium to dark grey colouration. Portions of the veining are a crackle breccia.	60	
A-15-125	245.36	248.66	3.3	A zone of concentrated quartz (80%) - carbonate (20%) veining. In general the veins are cleavage parallel and 0.5-2cm wide. From 245.36 - 246.08 is a shear with plastically deformed mudstone and sheeted veinlets of quartz carbonate. There are two sections of veining that are 18cm wide (true width) from 247.58 - 248.25m. Carbonate generally appears to be fracture infill post quartz veining. Veining varies from 20 - 35 deg TCA	45	25
A-15-125	253.73	253.83	0.1	blue-gray coloured quartz vein that has brecciated fine grained, brassy pyrite. It is cross-cut by white-grey quartz carbonate veining. The fragmental interval ends at this vein.	100	25
A-15-125	253.83	255.42	1.59	1-2cm wide, white-grey cleavage parallel quartz - carbonate veining generally oriented at 25 - 30 deg TCA throughout.	5	27
A-15-125	259.95	260.36	0.41	A set of off-white coloured quartz (60%) - carbonate (40%) veining at 60-90 deg TCA that cross-cuts 4PYSH	20	75
A-15-125	270.92	271.68	0.76	Off white coloured, 2-6cm wide pinch/swell quartz carb veining	20	15
A-15-125	272.72	272.8	0.08	grey quartz that has brecciated, fine grained, brassy pyrite. This is cut by white quartz carb veining. INTERP---> drilled through limbs of a tight fold (sequence: Vein-4SH-4PYSH-4SH-Vein)???	100	30
A-15-125	272.8	273.56	0.76	white-grey quartz (90%) - carbonate (10%) stockwork within a chert bed.	50	
A-15-125	278.74	279.5	0.76	white quartz-carbonate veinlets/stringers forming a weak stockwork within a chert bed. A common orientation is 100 -120 deg TCA	10	110
A-15-125	302.66	302.89	0.23	Grey to off-white carbonate (95%) - quartz (5%) vein containing a number of large, angular mudstone fragments.	70	30
A-15-125	306.07	308.41	2.34	weak stockwork of randomly oriented, carbonate-quartz veins in a chert bed.	6	
A-15-125	307.96	324	16.04	Cleavage parallel, white, carbonate veinlets that are 1-3mm wide	3	40
A-15-125	331.2	337.55	6.35	dense stockwork composed of white quartz(50%) - carbonate (50%) veinlets and stringers, within a chert bed and fault zone. Vein material is rarely wider than 4mm.	10	
A-15-125	366.9	369.4	2.5	weak stockwork of randomly oriented, white carbonate-quartz veinlets in highly fractured mudstone	5	
A-15-125	369.74	369.86	0.12	grey - white, quartz (60%) - carbonate (40%) flooded cataclastite containing, angular pebble to rock flour sized fragments of mudstone	50	15
A-15-125	386.67	387.85	1.18	sheeted, convoluted to irregular white quartz carbonate veining with planar to plastically deformed, black mudstone and oblong <10cm wide concretions.	20	30
A-15-125	398.07	398.46	0.39	White, fracture infill, quartz (60%) - carbonate (40%) stringers/ veinlets generally oriented at 90-140 deg TCA.	12	115
A-15-125	405.38	405.7	0.32	White, fracture infill, quartz (60%) - carbonate (40%) stringers/ veinlets generally oriented at 90-140 deg TCA.	15	115
A-15-125	406.3	406.66	0.36	White, fracture infill, quartz (60%) - carbonate (40%) stringers/ veinlets generally oriented at 90-140 deg TCA. Minor quartz - carbonate flooding	25	115

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-125	408.89	416.05	7.16	randomly oriented fracture infill quartz carbonate veining often associated with chert beds	3	
A-15-125	428.42	429.18	0.76	fracture infill quartz-carbonate veining. The dominant vein orientation is at 40-55 deg TCA	10	50
A-15-125	440.28	440.32	0.04	white quartz-carbonate shear/veining with fragments of grey sphalerite rich cardiac creek mineralisation	80	55
A-15-125	443.68	443.88	0.2	white quartz-carbonate shear veining within the debris flow. The shear contains sheets of very thin mudstone	50	70

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	10.11	10.12	0.1	cleavage	CLV	54
A-15-125	12.12	12.13	0.01	faint bedding paralllel to cleavage	BDG	44
A-15-125	15.24	15.25	0.01	cleavage	CLV	42
A-15-125	18.48	18.49	0.01	cleavage	CLV	43
A-15-125	21.83	21.84	0.01	cleavage	CLV	38
A-15-125	26.61	26.62	0.01	locally fine bedding in silty laminations	BDG	37
A-15-125	29.87	29.88	0.01	cleavage	CLV	45
A-15-125	31.97	31.98	0.01	cleavage	CLV	43
A-15-125	34.12	34.13	0.01	cleavage	CLV	33
A-15-125	36.42	36.43	0.01	cleavage	CLV	36
A-15-125	38.88	38.89	0.01	cleavage	CLV	33
A-15-125	41.07	41.08	0.01	faint bedding paralllel to cleavage	BDG	35
A-15-125	42.26	42.27	0.01	cleavage	CLV	34
A-15-125	44.11	44.12	0.01	faint bedding paralllel to cleavage	BDG	32
A-15-125	46.44	46.45	0.01	cleavage	CLV	29
A-15-125	46.55	46.56	0.01	silty laminations	BDG	33
A-15-125	49.75	49.76	0.01	bedding	BDG	34
A-15-125	52.41	52.42	0.01	cleavage	CLV	31
A-15-125	44.35	59	14.65	Broad fault zone characterized by numerous thinner very rubbly sub m wide zone and well cleaved throughout.	FLT	
A-15-125	56.39	56.4	0.01	cleavage	CLV	44
A-15-125	56.45	56.46	0.01	bedding orientation of fine nodular barite laminations	BDG	45
A-15-125	59.65	59.66	0.01	cleavage	CLV	39
A-15-125	61.25	61.26	0.01	bedding within nodular barite laminations	BDG	41
A-15-125	63.55	63.56	0.01	cleavage	CLV	26
A-15-125	63.65	63.66	0.01	very faint bedding within shale interbed	BDG	24
A-15-125	66	69.35	3.35	fault zone; weakly developed. Predominantly rubbly sections. The majority of relict cleavage planes are still preserved.	FLT	20
A-15-125	67.45	67.46	0.01	low angle bedding identifed by fine nodular barite	BDG	17
A-15-125	69.62	69.63	0.01	low angle bedding identifed by fine nodular barite	BDG	23
A-15-125	70.07	70.08	0.01	cleavage	CLV	24
A-15-125	72.03	72.04	0.01	cleavage	CLV	14
A-15-125	75.27	75.28	0.01	cleavage	CLV	23
A-15-125	77.5	81.11	3.61	rubbly fault zone. No gouge developed.	FLT	
A-15-125	81.21	81.22	0.01	poorly developed bedding in disrupted silty shale	BDG	24
A-15-125	83.22	114.43	31.21	Intense fault zone characterized by scattered sub m scale gougy sections along with intense rubble intervals. The strength of faulting increases downhole.	FLT	
A-15-125	84.89	84.9	0.01	bedding	BDG	35
A-15-125	87.87	87.88	0.01	cleavage	CLV	34
A-15-125	91.24	91.25	0.01	cleavage	CLV	38

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	114.75	114.76	0.01	cleavage	CLV	41
A-15-125	116.35	116.36	0.01	cleavage	CLV	53
A-15-125	116.55	116.56	0.01	vey faint bedding	BDG	54
A-15-125	119.07	119.08	0.01	cleavage	CLV	55
A-15-125	121.45	121.46	0.01	cleavage	CLV	45
A-15-125	124.25	124.26	0.01	cleavage	CLV	46
A-15-125	127.11	127.12	0.01	cleavage	CLV	56
A-15-125	130.3	130.31	0.01	cleavage	CLV	44
A-15-125	131.95	131.96	0.01	cleavage	CLV	55
A-15-125	133.71	133.72	0.01	cleavage	CLV	55
A-15-125	135.56	135.57	0.01	cleavage	CLV	55
A-15-125	137.16	137.17	0.01	cleavage	CLV	55
A-15-125	139.42	139.43	0.01	cleavage	CLV	54
A-15-125	143.57	143.58	0.01	cleavage	CLV	61
A-15-125	146.86	146.87	0.01	cleavage	CLV	57
A-15-125	149.26	149.27	0.01	cleavage	CLV	28
A-15-125	151.64	151.65	0.01	cleavage	CLV	55
A-15-125	153.24	153.25	0.01	faint silty laminaions with fine nodular	BDG	42
A-15-125	153.29	153.3	0.01	cleavage	CLV	41
A-15-125	155.75	156.74	0.99	rubbly fault zone. No gouge developed.	FLT	48
A-15-125	157.11	157.12	0.01	faint bedding paralllel to cleavage	BDG	46
A-15-125	158.8	158.81	0.01	cleavage	CLV	48
A-15-125	161.58	161.59	0.01	bedding	BDG	47
A-15-125	163.21	163.22	0.01	cleavage	CLV	53
A-15-125	163.84	164.75	0.91	rubbly fault zone in the footwall of a chert bed.	FLT	45
A-15-125	169.35	169.36	0.01	bedding	BDG	46
A-15-125	170.21	170.22	0.01	cleavage	CLV	44
A-15-125	171.85	171.86	0.01	bedding	BDG	48
A-15-125	173.23	173.24	0.01	cleavage	CLV	49
A-15-125	175.79	175.8	0.01	bedding	BDG	46
A-15-125	177.05	177.06	0.01	cleavage	CLV	49
A-15-125	179.77	179.78	0.01	bedding	BDG	51
A-15-125	180.65	180.66	0.01	cleavage	CLV	50
A-15-125	183.78	183.79	0.01	bedding	BDG	50
A-15-125	185.11	185.12	0.01	cleavage	CLV	49
A-15-125	186.71	186.72	0.01	bedding	BDG	51
A-15-125	188.03	188.04	0.01	cleavage	CLV	48
A-15-125	190.65	190.66	0.01	bedding	BDG	49
A-15-125	191.55	191.56	0.01	cleavage	CLV	51
A-15-125	194.98	194.99	0.01	bedding	BDG	51
A-15-125	197.41	197.42	0.01	cleavage	CLV	54
A-15-125	200.66	200.67	0.01	cleavage	CLV	48
A-15-125	203.41	203.42	0.01	cleavage	CLV	49
A-15-125	206.1	206.11	0.01	cleavage	CLV	42

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	209.55	209.56	0.01	silty laminations	BDG	65
A-15-125	209.88	209.89	0.01	cleavage	CLV	58
A-15-125	212.55	212.56	0.01	bedding	BDG	63
A-15-125	214.11	214.12	0.01	cleavage	CLV	64
A-15-125	215.55	215.56	0.01	silty laminations	BDG	56
A-15-125	217.61	217.62	0.01	cleavage	CLV	63
A-15-125	219.65	220.32	0.67	thin weakly developed shear		80
A-15-125	222.21	222.22	0.01	cleavage	CLV	40
A-15-125	225.09	225.1	0.01	faint bedding at a angle to cleavage	BDG	72
A-15-125	226.15	226.16	0.01	cleavage	CLV	67
A-15-125	226.53	226.54	0.01	pyritic silt bed	BDG	70
A-15-125	229.97	229.98	0.01	cleavage	CLV	55
A-15-125	230.48	230.49	0.01	pyritic silt bed	BDG	85
A-15-125	231.12	231.13	0.01	thin chert bed	BDG	60
A-15-125	231.85	231.86	0.01	cleavage	CLV	38
A-15-125	233.82	233.83	0.01	cleavage	CLV	45
A-15-125	236.31	236.32	0.01	cleavage	CLV	45
A-15-125	238.6	238.61	0.01	cleavage	CLV	40
A-15-125	239.91	239.92	0.01	pyritic silt bed	BDG	78
A-15-125	240.25	240.26	0.01	pyrite lamination	BDG	75
A-15-125	241.58	241.7	0.12	weakly developed shear with plastically deformed mudstone and sheeted quartz carb veining		80
A-15-125	243.43	243.44	0.01	cleavage	CLV	70
A-15-125	245.36	246.12	0.76	quartz - carbonate healed fault zone with weak shear zones at the margin of this interval. Graphitic, polished fracture planes	FLT	75
A-15-125	246.36	246.37	0.01	cleavage	CLV	45
A-15-125	247.5	247.51	0.01	pyrite lamination	BDG	25
A-15-125	248.43	248.44	0.01	pyrite lamination	BDG	40
A-15-125	248.45	248.46	0.01	cleavage	CLV	40
A-15-125	248.89	248.9	0.01	pyritic silt bed	BDG	25
A-15-125	251.41	251.42	0.01	cleavage	CLV	40
A-15-125	251.71	252.32	0.61	minor rubble and gouge. Core fragments have polished, graphitic fracture planes	FLT	
A-15-125	252.98	252.99	0.01	weakly developed z-fold in silt	FA-Z	35
A-15-125	254.07	254.08	0.01	cleavage	CLV	45
A-15-125	255.03	255.13	0.1	gouge seam	FLT	55
A-15-125	255.8	256	0.2	rubble and gouge	FLT	85
A-15-125	256.94	256.95	0.01	cleavage	CLV	40
A-15-125	257.39	257.4	0.01	nodular barite	BDG	30
A-15-125	258.34	258.35	0.01	nodular barite	BDG	35
A-15-125	258.54	258.55	0.01	cleavage	CLV	40
A-15-125	259.04	259.05	0.01	nodular barite	BDG	40
A-15-125	259.52	259.53	0.01	cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	259.88	259.89	0.01	laminar pyrite	BDG	45
A-15-125	260.78	260.79	0.01	laminar pyrite	BDG	40
A-15-125	260.86	260.87	0.01	cleavage	CLV	35
A-15-125	261.37	261.38	0.01	nodular barite	BDG	35
A-15-125	261.9	261.91	0.01	cleavage	CLV	35
A-15-125	262.35	262.36	0.01	nodular barite	BDG	25
A-15-125	264.07	264.08	0.01	laminar pyrite	BDG	30
A-15-125	264.57	264.58	0.01	cleavage	CLV	32
A-15-125	265.35	265.36	0.01	nodular barite	BDG	35
A-15-125	266.33	266.34	0.01	carbonaceous silt bed	BDG	30
A-15-125	266.92	266.93	0.01	cleavage	CLV	35
A-15-125	267.9	267.91	0.01	carbonaceous silt bed	BDG	32
A-15-125	268.93	268.94	0.01	cleavage	CLV	35
A-15-125	271.4	271.41	0.01	cleavage	CLV	35
A-15-125	272.3	273.63	1.33	The first 25cm is gouge and ground up core followed by a quartz carbonate breccia --> healed fault zone?	FLT	45
A-15-125	276.57	276.58	0.01	cleavage	CLV	40
A-15-125	277.18	277.19	0.01	pyritic silt bed	BDG	25
A-15-125	278.33	278.34	0.01	cleavage	CLV	35
A-15-125	278.74	278.75	0.01	chert contact	BDG	28
A-15-125	279.03	279.04	0.01	chert bed	BDG	25
A-15-125	279.5	279.51	0.01	irregular chert contact	BDG	15
A-15-125	281.25	281.26	0.01	cleavage	CLV	35
A-15-125	281.54	281.55	0.01	nodular barite	BDG	27
A-15-125	282.31	282.32	0.01	nodular barite	BDG	24
A-15-125	282.77	282.78	0.01	cleavage	CLV	30
A-15-125	284.33	284.34	0.01	cleavage	CLV	35
A-15-125	285.66	285.67	0.01	cleavage	CLV	35
A-15-125	287.01	287.02	0.01	laminar pyrite	BDG	25
A-15-125	287.63	287.64	0.01	cleavage	CLV	30
A-15-125	287.94	287.95	0.01	laminar pyrite	BDG	23
A-15-125	289.18	289.19	0.01	cleavage	CLV	30
A-15-125	291.59	291.6	0.01	cleavage	CLV	25
A-15-125	294.15	294.16	0.01	cleavage	CLV	23
A-15-125	296.53	296.54	0.01	cleavage	CLV	22
A-15-125	297.23	297.24	0.01	nodular barite	BDG	10
A-15-125	298.26	298.27	0.01	silty laminations	BDG	0
A-15-125	299.22	299.23	0.01	cleavage	CLV	20
A-15-125	300	300.01	0.01	nodular barite	BDG	170
A-15-125	300.84	300.85	0.01	cleavage	CLV	30
A-15-125	303.49	303.5	0.01	nodular barite	BDG	160
A-15-125	304.56	304.57	0.01	cleavage	CLV	35
A-15-125	306.07	306.08	0.01	chert bed?	BDG	40
A-15-125	307.25	307.26	0.01	bedding plane within chert	BDG	45

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	307.48	307.49	0.01	cleavage	CLV	40
A-15-125	308.41	309.54	1.13	Small fault zone charactrised by broken core fragments with graphitic polished fracture surfaces and a minor amount of gouge. The upper contact is at 25 deg TCA with a cherty shale interval and has a 3cm wide quartz-carbonate vein associated with it. The lower contact is at 10 deg TCA and also has minor gouge associated	FLT	25
A-15-125	309.97	310.13	0.16	very broken core and minor gouge. Minor quartz veining associated	FLT	20
A-15-125	313.46	313.47	0.01	cleavage	CLV	40
A-15-125	313.4	313.41	0.01	cleavage	CLV	43
A-15-125	316.38	316.39	0.01	cleavage	CLV	45
A-15-125	319.43	319.44	0.01	cleavage	CLV	42
A-15-125	320.98	320.99	0.01	cleavage	CLV	42
A-15-125	322.69	322.7	0.01	cleavage	CLV	35
A-15-125	324.85	324.86	0.01	cleavage	CLV	40
A-15-125	325.53	325.54	0.01	cleavage	CLV	35
A-15-125	326.17	326.18	0.01	nodular barite bed forming a convoluted w fold	FA-W	45
A-15-125	326.43	326.44	0.01	folded nodular barite bed	FA	30
A-15-125	327.25	327.26	0.01	cleavage	CLV	22
A-15-125	329.54	329.55	0.01	nodular barite	BDG	55
A-15-125	331.08	331.09	0.01	nodular barite	BDG	90
A-15-125	331.62	338.18	6.56	low angle anastamosing fault characterized by blocky, highly fractured core, minor gouge and a stockwork of quartz carbonate viening. Core fragments had fractures that were polished, graphitic, and dominantly oriented at 0 deg TCA. Slickensides were present, but no movement direction was discernable.	FLT	0
A-15-125	338.76	338.77	0.01	cleavage	CLV	33
A-15-125	340.43	340.44	0.01	cleavage	CLV	40
A-15-125	342.1	342.11	0.01	cleavage	CLV	44
A-15-125	343.49	343.5	0.01	cleavage	CLV	45
A-15-125	345.53	345.54	0.01	cleavage	CLV	40
A-15-125	346.51	346.52	0.01	cleavage	CLV	35
A-15-125	349.12	349.13	0.01	cleavage	CLV	28
A-15-125	351.13	351.34	0.21	ground up core and gouge	FLT	10
A-15-125	351.35	351.36	0.01	silty laminations	BDG	50
A-15-125	351.38	351.39	0.01	cleavage	CLV	45
A-15-125	353.53	353.54	0.01	cleavage	CLV	35
A-15-125	355.3	355.31	0.01	cleavage	CLV	35
A-15-125	357.09	357.1	0.01	cleavage	CLV	37

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	357.78	358.26	0.48	disc core and minor rubble + gouge. Fracture planes are polished and graphitic	FLT	25
A-15-125	359.57	359.58	0.01	cleavage	CLV	44
A-15-125	360.61	360.62	0.01	cleavage	CLV	48
A-15-125	362.41	362.42	0.01	cleavage	CLV	50
A-15-125	363.84	364.3	0.46	rubbly core with polished, graphitic fracture planes	FLT	
A-15-125	365.86	365.87	0.01	cleavage	CLV	40
A-15-125	368.76	368.77	0.01	cleavage	CLV	35
A-15-125	370.93	370.94	0.01	cleavage	CLV	30
A-15-125	372.58	372.59	0.01	cleavage	CLV	40
A-15-125	374.71	374.72	0.01	cleavage	CLV	25
A-15-125	376.33	376.34	0.01	chert bed	BDG	35
A-15-125	377.18	377.19	0.01	silty laminations	BDG	35
A-15-125	377.71	377.72	0.01	cleavage	CLV	35
A-15-125	378.53	378.54	0.01	laminar pyrite	BDG	30
A-15-125	379.84	379.85	0.01	cleavage	CLV	37
A-15-125	380.29	380.3	0.01	laminar pyrite	BDG	27
A-15-125	381.73	381.74	0.01	cleavage	CLV	41
A-15-125	382.72	382.73	0.01	laminar pyrite	BDG	31
A-15-125	383.07	383.08	0.01	cleavage	CLV	38
A-15-125	383.99	384	0.01	laminar pyrite	BDG	36
A-15-125	385.38	385.39	0.01	cleavage	CLV	40
A-15-125	385.71	385.72	0.01	nodular barite	BDG	35
A-15-125	387.74	387.75	0.01	nodular barite	BDG	160
A-15-125	387.76	387.77	0.01	convoluted folding of nodular barite	FA-Z	30
A-15-125	387.82	387.83	0.01	nodular barite	BDG	50
A-15-125	387.88	387.89	0.01	laminar pyrite	BDG	15
A-15-125	387.93	387.94	0.01	laminar pyrite	BDG	100
A-15-125	388.46	388.47	0.01	cleavage	CLV	18
A-15-125	388.67	388.68	0.01	nodular barite	BDG	47
A-15-125	389.32	389.33	0.01	laminar pyrite	BDG	45
A-15-125	390.4	390.41	0.01	laminar pyrite	BDG	50
A-15-125	390.64	390.65	0.01	cleavage	CLV	42
A-15-125	391.21	391.22	0.01	nodular barite	BDG	49
A-15-125	392.93	392.94	0.01	laminar pyrite	BDG	40
A-15-125	393.13	393.14	0.01	cleavage	CLV	35
A-15-125	394.55	394.56	0.01	cleavage	CLV	35
A-15-125	395.31	395.32	0.01	laminar pyrite	BDG	41
A-15-125	396.42	396.43	0.01	cleavage	CLV	32
A-15-125	398.07	398.08	0.01	chert bed	BDG	35
A-15-125	398.68	398.69	0.01	cleavage	CLV	33
A-15-125	399.25	399.26	0.01	laminar pyrite	BDG	40
A-15-125	399.93	399.94	0.01	laminar pyrite	BDG	45
A-15-125	400.3	400.31	0.01	laminar pyrite	BDG	30

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	400.74	400.75	0.01	laminar pyrite	BDG	35
A-15-125	400.91	400.92	0.01	cleavage	CLV	39
A-15-125	402.07	402.08	0.01	nodular barite	BDG	35
A-15-125	402.5	402.51	0.01	cleavage	CLV	33
A-15-125	403.54	403.55	0.01	cleavage	CLV	35
A-15-125	403.85	403.86	0.01	nodular barite	BDG	38
A-15-125	405.43	405.44	0.01	chert bed	BDG	30
A-15-125	405.98	405.99	0.01	cleavage	CLV	30
A-15-125	406.3	406.31	0.01	chert bed	BDG	42
A-15-125	407.18	407.19	0.01	cleavage	CLV	35
A-15-125	408.16	408.17	0.01	cleavage	CLV	37
A-15-125	408.89	409.68	0.79	This small fault interval is part of a larger fault zone. This interval is characterized by rubble and gouge. It has been seperated out to capture the sulphide bedding in the competent core within the zone	FLT	120
A-15-125	410.13	410.14	0.01	pyrite bed	BDG	45
A-15-125	410.28	410.95	0.67	Low angle fault composed of very rubbly core and gouge. Rubble fragments are polished and graphitic. Some competent core has a minor amount of quartz carbonate stockwork veining. The lower contact also has a 20cm wide zone where there is a stockwork of quartz - carbonate.	FLT	22
A-15-125	411.72	411.73	0.01	pyrite bed	BDG	40
A-15-125	411.75	416.05	4.3	Fault zone characterised by very rubbly, highly fractured core and abundant gouge. Few zones of competent rock where mineralisation is observed and a small chert bed. From 414.95 - 415.47m is a zone of consolidated gouge and clay. From 415.73-416.05m is very fine grained, angular core fragments and gouge.	FLT	50
A-15-125	416.28	416.29	0.01	sulphide bedding	BDG	67
A-15-125	416.51	416.52	0.01	cleavage	CLV	30
A-15-125	417.28	417.29	0.01	sulphide bedding	BDG	64
A-15-125	417.73	417.74	0.01	cleavage	CLV	53
A-15-125	418.63	418.64	0.01	sulphide bedding	BDG	55
A-15-125	419.27	419.28	0.01	sulphide bedding	BDG	61
A-15-125	419.74	419.75	0.01	cleavage	CLV	52
A-15-125	421.03	421.04	0.01	cleavage	CLV	63
A-15-125	421.07	421.08	0.01	sulphide bedding	BDG	60
A-15-125	422.06	422.07	0.01	fabric within sulphide bed		40
A-15-125	422.29	422.3	0.01	sulphide bedding	BDG	68
A-15-125	422.5	422.51	0.01	cleavage	CLV	30
A-15-125	422.64	422.65	0.01	micro scale z folding of sulphide bed	FA-Z	55
A-15-125	423	423.01	0.01	fabric within sulphide bed		30

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	413.36	413.37	0.01	sulphide bedding	BDG	58
A-15-125	423.55	423.56	0.01	micro scale z folding of sulphide bed	FA-Z	55
A-15-125	423.92	423.93	0.01	sulphide bedding	BDG	62
A-15-125	423.95	423.96	0.01	cleavage	CLV	65
A-15-125	425.02	425.03	0.01	sulphide bedding	BDG	66
A-15-125	425.76	425.77	0.01	fabric within sulphide bed		30
A-15-125	425.94	425.95	0.01	cleavage	CLV	65
A-15-125	425.97	425.98	0.01	sulphide bedding	BDG	70
A-15-125	427.02	427.03	0.01	sulphide bedding	BDG	68
A-15-125	428.27	428.28	0.01	cleavage	CLV	40
A-15-125	428.33	428.34	0.01	sulphide bedding	BDG	60
A-15-125	429.11	429.12	0.01	chert bed	BDG	65
A-15-125	429.56	429.98	0.42	rubble and broken core	FLT	57
A-15-125	430.54	430.55	0.01	sulphide bedding	BDG	70
A-15-125	430.89	430.9	0.01	cleavage within sulphide bedding	CLV	60
A-15-125	431.31	431.32	0.01	sulphide bedding	BDG	60
A-15-125	432	432.3	0.3	two consolidated gouge seams and a small zone of quartz-carbonate healed cataclastite	FLT	60
A-15-125	432.47	432.48	0.01	cleavage within sulphide bedding	CLV	59
A-15-125	432.54	432.55	0.01	sulphide bedding	BDG	55
A-15-125	433.51	433.52	0.01	sulphide bedding	BDG	40
A-15-125	433.97	433.98	0.01	sulphide bedding	BDG	51
A-15-125	434.1	434.11	0.01	cleavage within sulphide bedding	CLV	50
A-15-125	434.26	435.57	1.31	abundant rubble and gouge	FLT	0
A-15-125	435.98	435.99	0.01	sulphide bedding	BDG	55
A-15-125	436.47			definite fault zone... Recovered sand and angular lithic fragments, but not fault gouge- maybe sand fell down the hole? On the upper plane of the fault there are euhedral calcite and quartz crystals along the fracture plane suggesting a void space? I don't know	FLT	150
A-15-125	436.7	436.71	0.01	sulphide bedding	BDG	66
A-15-125	437.19	437.2	0.01	cleavage within sulphide bedding	CLV	55
A-15-125	437.45	437.46	0.01	sulphide bedding	BDG	60
A-15-125	437.84	437.85	0.01	cleavage	CLV	45
A-15-125	438.58	438.59	0.01	sulphide bedding	BDG	60
A-15-125	439.45	439.46	0.01	sulphide bedding	BDG	59
A-15-125	440.49	440.5	0.01	cleavage	CLV	46
A-15-125	441.07	441.08	0.01	massive barite	BDG	58
A-15-125	441.12	441.13	0.01	cleavage within sulphide/ barite bedding	CLV	55
A-15-125	441.76	441.77	0.01	cleavage	CLV	50
A-15-125	442.65	442.66	0.01	pyrite bed	BDG	67
A-15-125	443.69	443.7	0.01	massive barite	BDG	60
A-15-125	443.24	443.68	0.44	rubbly core and minor gouge. Polished, graphitic fracture planes	FLT	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-125	443.68	443.88	0.2	shear zone composed of white quartz seperated by plates of thin mudstone		77
A-15-125	444.82	444.83	0.01	cleavage	CLV	45
A-15-125	446.91	446.92	0.01	silt bed	BDG	45
A-15-125	447.54	447.55	0.01	cleavage	CLV	40
A-15-125	449.13	449.14	0.01	silt bed	BDG	55
A-15-125	449.58	449.59	0.01	cleavage	CLV	57
A-15-125	450.82	450.83	0.01	silt bed	BDG	57
A-15-125	452.59	452.6	0.01	cleavage	CLV	57
A-15-125	453.07	453.08	0.01	silt bed	BDG	59
A-15-125	454.37	454.38	0.01	cleavage	CLV	60
A-15-125	455.75	455.76	0.01	silt bed	BDG	60
A-15-125	458.72	458.73	0.01	cleavage	CLV	60
A-15-125	459.03	459.04	0.01	silt bed	BDG	59
A-15-125	459.93	459.94	0.01	cleavage	CLV	62
A-15-125	460.71	460.72	0.01	silt bed	BDG	62

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM
A-15-125	393.00	394.00	1.00	2695076		0.01	99.00		VAN15002038	15.8	55	19.5
A-15-125	394.00	395.00	1.00	2695077		1.00	99.00		VAN15002038	25.4	50.5	17.7
A-15-125	395.00	395.53	0.53	2695078	laminar pyrite	40.00	60.00		VAN15002038	16.5	85.5	30.2
A-15-125	395.53	396.40	0.87	2695079		0.01	99.00		VAN15002038	20.6	44.1	12.8
A-15-125	396.40	397.35	0.95	2695080		0.01	99.00		VAN15002038	14	46.3	14.9
A-15-125	397.35	398.07	0.72	2695081		0.01	99.00		VAN15002038	14.5	42.5	14.2
A-15-125	398.07	398.46	0.39	2695082	chert	0.01	99.00		VAN15002038	6.8	9.4	2.1
A-15-125				2695083	STANDARD PB 136				VAN15002038	12.2	5368.4	23225.8
A-15-125	398.46	399.20	0.74	2695084		2.00	98.00		VAN15002038	25.3	40.6	18.2
A-15-125	399.20	400.30	1.10	2695085	laminar pyrite	40.00	60.00		VAN15002038	13.8	86.6	28
A-15-125	400.30	400.81	0.51	2695086	laminar pyrite	20.00	80.00		VAN15002038	15.6	51.7	14.7
A-15-125	400.81	401.40	0.59	2695087		0.01	99.00		VAN15002038	21.6	36.6	13.2
A-15-125	401.40	402.00	0.60	2695088		0.01	99.00		VAN15002038	17.5	47.5	10.6
A-15-125	402.00	403.00	1.00	2695089	weak nodular barite	1.00	99.00		VAN15002038	16.7	41.9	17
A-15-125	403.00	404.00	1.00	2695090	weak nodular barite	2.00	98.00		VAN15002038	19.6	62.8	15.1
A-15-125	404.00	404.77	0.77	2695091		0.01	99.00		VAN15002038	13.7	32.2	15
A-15-125	404.77	405.38	0.61	2695092		0.01	99.00		VAN15002038	13.6	36.3	11.4
A-15-125				2695093	PULP DUPLICATE OF 2695092				VAN15002038	14.8	39.2	11.6
A-15-125	405.38	405.70	0.32	2695094	chert	0.01	99.00		VAN15002038	6.1	26.4	3.7
A-15-125	405.70	406.30	0.60	2695095		0.01	99.00		VAN15002038	13.1	36.9	11.3
A-15-125	406.30	406.66	0.36	2695096	chert	0.01	99.00		VAN15002038	7.3	16.7	3.1
A-15-125	406.66	407.45	0.79	2695097		0.01	99.00		VAN15002038	33.1	41.1	23.8
A-15-125	407.45	408.00	0.55	2695098		0.01	99.00		VAN15002038	37	43.5	27.9
A-15-125	408.00	408.89	0.89	2695099		0.01	99.00		VAN15002038	35.4	48.2	27.5
A-15-125	408.89	409.68	0.79	2695100	fault rubble	0.01	99.00		VAN15002038	18.4	31.7	12.8
A-15-125	409.68	410.28	0.60	2695101	bedded py	20.00	80.00		VAN15002038	15	59	22.7
A-15-125	410.28	411.00	0.72	2695102	fault rubble	2.00	98.00		VAN15002038	17.8	35.7	9.9
A-15-125			0.00	2695103	BLANK BL 125							
A-15-125	411.00	411.75	0.75	2695104	bedded py	15.00	85.00		VAN15002038	16.9	65.8	24.3
A-15-125	411.75	412.70	0.95	2695105	bedded py + fault	20.00	80.00		VAN15002038	20.1	57.6	20.5
A-15-125	412.70	413.70	1.00	2695106	fault rubble	0.01	99.00		VAN15002038	16	35.8	12.7
A-15-125	413.70	414.47	0.77	2695107		0.01	99.00		VAN15002038	10.2	23.9	14.6
A-15-125	414.47	414.85	0.38	2695108	chert	0.01	99.00		VAN15002038	10.1	10.8	26
A-15-125	414.85	415.15	0.30	2695109	bedded py	50.00	50.00		VAN15002038	55.5	78.2	1491.7
A-15-125	415.15	415.75	0.60	2695110	bedded py	33.00	67.00		VAN15002038	20.4	34	2641.9
A-15-125	415.75	416.05	0.30	2695111	fault rubble	0.01	99.00		VAN15002038	23.1	29	2644.3
A-15-125	416.05	416.38	0.33	2695112	dominantly pyrite	99.00	1.00		VAN15002038	34.6	42.7	6711.1
A-15-125			0.00	2695113	COARSE DUPLICATE OF 2695112				VAN15002038	34.2	38.7	6444.5
A-15-125	416.38	416.95	0.57	2695114		0.01	99.00		VAN15002038	9.1	21.2	598.5
A-15-125	416.95	417.58	0.63	2695115	grey sphalerite	90.00	10.00		VAN15002038	27.2	40.3	7078
A-15-125	417.58	418.45	0.87	2695116		0.01	99.00		VAN15002038	28.3	22	2580.6
A-15-125	418.45	419.23	0.78	2695117	abundant grey sphalerite	55.00	45.00		VAN15002038	19.7	40.1	6976.2

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-125	393.00	394.00	1.00	2695076	1522	0.7	14710	70.7	7.5	79	1.59	22	3.4	6.1	172	16	12.9	<0.5
A-15-125	394.00	395.00	1.00	2695077	613	0.7	10182	79.3	10	76	1.99	19	6.2	5.5	200	8.2	13.1	<0.5
A-15-125	395.00	395.53	0.53	2695078	86	1.6	29442	68.4	7.4	509	5.4	31	3.3	3.6	428	1.3	33.2	<0.5
A-15-125	395.53	396.40	0.87	2695079	555	<0.5	16691	74.7	9.7	89	1.8	21	5.4	5.4	128	5.5	9.2	<0.5
A-15-125	396.40	397.35	0.95	2695080	412	<0.5	12304	63.8	8.6	147	1.94	19	2.7	6.8	289	3.6	10	<0.5
A-15-125	397.35	398.07	0.72	2695081	73	<0.5	11352	55.8	8.7	80	1.7	18	2.5	5.7	278	<0.5	7.7	<0.5
A-15-125	398.07	398.46	0.39	2695082	836	<0.5	4797	10.3	1.4	70	0.78	<5	2.1	0.7	287	6.2	1.1	<0.5
A-15-125				2695083	26470	88.3	396	13	15.1	2190	3.21	36	<0.5	0.8	90	169.1	233.9	3.3
A-15-125	398.46	399.20	0.74	2695084	323	<0.5	10518	59.8	8.8	179	2.14	19	7.3	4	416	2.6	6.6	<0.5
A-15-125	399.20	400.30	1.10	2695085	63	1.4	22230	59.1	5.9	828	5.83	36	3.5	2.7	530	1.4	32.5	<0.5
A-15-125	400.30	400.81	0.51	2695086	393	0.7	36251	66.6	7.9	249	3.15	26	3.5	4	275	4.6	14.4	<0.5
A-15-125	400.81	401.40	0.59	2695087	1249	<0.5	13634	77.6	10.8	58	1.71	22	4.8	5.4	81	12.7	7.8	<0.5
A-15-125	401.40	402.00	0.60	2695088	1125	<0.5	17185	69.1	8.3	133	1.51	17	3.4	4.9	346	10.1	11.4	<0.5
A-15-125	402.00	403.00	1.00	2695089	30	<0.5	10562	69	9.9	148	1.82	21	3.2	6.4	417	<0.5	9.2	<0.5
A-15-125	403.00	404.00	1.00	2695090	1769	<0.5	14558	74.5	9.4	99	1.99	23	4.4	5.2	228	15.3	12.6	<0.5
A-15-125	404.00	404.77	0.77	2695091	9	<0.5	9445	61	7.5	159	1.68	15	2.1	7.3	375	<0.5	6.9	<0.5
A-15-125	404.77	405.38	0.61	2695092	953	<0.5	10028	50.5	7	70	1.37	14	3.2	4.6	193	8.3	6.5	<0.5
A-15-125				2695093	964	<0.5	10158	55.2	7.1	70	1.39	13	3.3	4.8	204	8.7	6.5	<0.5
A-15-125	405.38	405.70	0.32	2695094	1224	<0.5	8257	10.3	1.4	450	1.96	<5	2.3	0.7	761	9.3	2.4	<0.5
A-15-125	405.70	406.30	0.60	2695095	803	<0.5	8360	50.7	7.2	57	1.16	14	2.8	5	252	7.4	4.7	<0.5
A-15-125	406.30	406.66	0.36	2695096	1507	<0.5	6855	10.3	1.5	104	0.66	<5	2.1	0.8	610	13.9	1.1	<0.5
A-15-125	406.66	407.45	0.79	2695097	187	<0.5	9913	68.1	11.6	84	2.25	24	9.4	4.7	214	1.6	7.2	<0.5
A-15-125	407.45	408.00	0.55	2695098	54	<0.5	14843	82.8	12.8	84	2.45	27	11	5.4	91	<0.5	7.9	<0.5
A-15-125	408.00	408.89	0.89	2695099	53	<0.5	12258	75.6	11	98	2.29	27	9.9	4.7	255	<0.5	8.2	<0.5
A-15-125	408.89	409.68	0.79	2695100	290	<0.5	16098	59.3	7.4	105	1.73	17	4.7	3.5	241	2.5	6.3	<0.5
A-15-125	409.68	410.28	0.60	2695101	758	2.1	25544	76.6	7.3	367	4.17	31	3.4	3.2	770	9	17.3	<0.5
A-15-125	410.28	411.00	0.72	2695102	802	<0.5	36234	70.8	8.3	108	1.83	18	4.2	4.6	356	8.7	6.9	<0.5
A-15-125			0.00	2695103														
A-15-125	411.00	411.75	0.75	2695104	23	1.5	43085	67	7.1	575	5.13	27	6.1	3.3	679	0.6	22	<0.5
A-15-125	411.75	412.70	0.95	2695105	78	1.1	17782	72.7	8	314	3.86	27	4.2	4.5	477	1.1	18.6	<0.5
A-15-125	412.70	413.70	1.00	2695106	951	<0.5	16690	67.5	8.3	163	1.9	14	4	5.6	498	10.9	6.2	<0.5
A-15-125	413.70	414.47	0.77	2695107	18	<0.5	12959	50.3	6.7	156	1.7	12	3.5	6.4	570	<0.5	4.9	<0.5
A-15-125	414.47	414.85	0.38	2695108	1265	<0.5	21306	39.8	4.3	156	1.24	8	4.3	2.8	648	11.1	3	<0.5
A-15-125	414.85	415.15	0.30	2695109	21023	3.4	19362	160.3	7.2	242	11.78	56	4.5	4.5	157	138.6	52.1	<0.5
A-15-125	415.15	415.75	0.60	2695110	20983	4.5	53118	63.6	4.5	318	9.15	53	4.7	1.5	562	106.1	13.6	<0.5
A-15-125	415.75	416.05	0.30	2695111	16116	3.6	24564	73.9	6.6	177	7.57	38	1.7	2.1	210	80.8	10	<0.5
A-15-125	416.05	416.38	0.33	2695112	59739	9.6	46173	85.5	3.3	577	18.7	87	2.1	<0.5	872	303.7	18.4	<0.5
A-15-125			0.00	2695113	56721	9.4	44899	78.5	3.3	545	17.7	88	2.1	<0.5	882	303.2	21.1	<0.5
A-15-125	416.38	416.95	0.57	2695114	1887	0.9	31333	56.4	6.4	59	1.75	11	1.1	2.5	375	8.4	2.7	<0.5
A-15-125	416.95	417.58	0.63	2695115	57585	9.8	41309	72	3	534	18.19	81	1.9	0.7	731	281.5	18	<0.5
A-15-125	417.58	418.45	0.87	2695116	11354	2.3	55120	79.9	6.2	654	3.87	19	5.6	2.9	2308	56.6	4.6	<0.5
A-15-125	418.45	419.23	0.78	2695117	49663	6.4	45127	64.3	4.7	482	11.23	55	1.6	0.9	1007	245.1	12.3	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM
A-15-125	393.00	394.00	1.00	2695076	69	1	0.057	25.1	7.7	0.18	1685	0.005	0.93	<0.01	0.28	<0.5	0.15	2.2
A-15-125	394.00	395.00	1.00	2695077	70	0.85	0.051	22.1	7.8	0.08	1376	0.005	0.72	<0.01	0.29	<0.5	0.16	1.9
A-15-125	395.00	395.53	0.53	2695078	66	4.09	0.05	15.3	7.6	0.27	364	0.004	1.22	<0.01	0.21	<0.5	0.23	2.8
A-15-125	395.53	396.40	0.87	2695079	59	0.86	0.051	22.5	6.4	0.17	1404	0.004	0.93	<0.01	0.24	<0.5	0.14	2
A-15-125	396.40	397.35	0.95	2695080	55	1.95	0.052	25.5	7.8	0.36	1209	0.005	0.81	<0.01	0.27	<0.5	0.13	2.5
A-15-125	397.35	398.07	0.72	2695081	41	1.17	0.05	22.1	6.3	0.15	1762	0.004	0.7	<0.01	0.26	<0.5	0.1	1.7
A-15-125	398.07	398.46	0.39	2695082	11	0.97	0.011	2.8	3.1	0.08	2697	0.001	0.18	<0.01	0.06	<0.5	0.13	<0.5
A-15-125				2695083	25	3.05	0.042	3.2	24.1	0.64	78	0.058	0.83	0.04	0.2	4.3	0.4	0.9
A-15-125	398.46	399.20	0.74	2695084	39	2	0.042	16.2	5.4	0.45	933	0.003	0.56	<0.01	0.21	<0.5	0.13	2.6
A-15-125	399.20	400.30	1.10	2695085	61	8.26	0.04	11.2	6	0.29	214	0.003	0.5	<0.01	0.16	<0.5	0.24	2.7
A-15-125	400.30	400.81	0.51	2695086	58	3.11	0.028	16.2	6.5	0.26	381	0.005	0.57	<0.01	0.19	<0.5	0.17	2.3
A-15-125	400.81	401.40	0.59	2695087	57	0.46	0.055	22.4	6.9	0.08	1290	0.005	0.81	<0.01	0.25	<0.5	0.24	1.9
A-15-125	401.40	402.00	0.60	2695088	58	1.78	0.039	21.3	6.1	0.33	1666	0.004	0.75	<0.01	0.21	<0.5	0.21	2.5
A-15-125	402.00	403.00	1.00	2695089	50	2.89	0.052	26.6	6.9	0.36	1695	0.004	0.7	<0.01	0.27	<0.5	0.09	3.7
A-15-125	403.00	404.00	1.00	2695090	57	1.3	0.049	21.7	6.8	0.19	976	0.004	0.75	<0.01	0.22	<0.5	0.35	2.3
A-15-125	404.00	404.77	0.77	2695091	47	2.85	0.051	26.2	7	0.41	1745	0.004	0.68	<0.01	0.28	<0.5	0.05	3.7
A-15-125	404.77	405.38	0.61	2695092	36	1.02	0.044	19	5.9	0.13	1693	0.004	0.53	<0.01	0.23	<0.5	0.15	2
A-15-125				2695093	36	1.03	0.046	20.2	5.6	0.13	1854	0.004	0.53	<0.01	0.23	<0.5	0.14	1.7
A-15-125	405.38	405.70	0.32	2695094	22	5.26	0.011	3.3	3.2	1.61	2112	0.001	0.16	<0.01	0.06	<0.5	0.24	1.5
A-15-125	405.70	406.30	0.60	2695095	37	0.94	0.048	19.6	6.5	0.09	2607	0.004	0.57	<0.01	0.23	<0.5	0.15	1.7
A-15-125	406.30	406.66	0.36	2695096	11	2.26	0.012	3.3	3.3	0.14	3860	0.001	0.14	<0.01	0.06	<0.5	0.31	1
A-15-125	406.66	407.45	0.79	2695097	42	1.07	0.045	18.1	5.5	0.24	1042	0.004	0.61	<0.01	0.23	<0.5	0.09	2.2
A-15-125	407.45	408.00	0.55	2695098	44	0.74	0.049	20.8	6.4	0.29	910	0.004	0.9	<0.01	0.27	<0.5	0.12	2.9
A-15-125	408.00	408.89	0.89	2695099	42	1.84	0.049	19.5	6	0.32	963	0.004	0.7	<0.01	0.23	<0.5	0.07	2.7
A-15-125	408.89	409.68	0.79	2695100	42	1.35	0.022	15	5.6	0.24	1107	0.003	0.48	<0.01	0.2	<0.5	0.13	2.4
A-15-125	409.68	410.28	0.60	2695101	46	4.96	0.015	13.9	6.2	0.42	294	0.002	0.4	<0.01	0.17	<0.5	0.26	3.1
A-15-125	410.28	411.00	0.72	2695102	53	1.78	0.023	20	6.9	0.2	772	0.003	0.51	<0.01	0.21	<0.5	0.22	2.2
A-15-125			0.00	2695103														
A-15-125	411.00	411.75	0.75	2695104	51	6.27	0.035	14.2	5.5	0.37	250	0.003	0.44	<0.01	0.16	<0.5	0.2	2.7
A-15-125	411.75	412.70	0.95	2695105	55	2.99	0.034	19	6.7	0.16	344	0.003	0.57	<0.01	0.21	<0.5	0.16	2.8
A-15-125	412.70	413.70	1.00	2695106	47	3.59	0.035	22	5.6	0.32	911	0.004	0.48	<0.01	0.2	<0.5	0.18	2.7
A-15-125	413.70	414.47	0.77	2695107	41	3.84	0.044	24.9	6.8	0.28	1270	0.004	0.58	<0.01	0.26	<0.5	0.07	3.3
A-15-125	414.47	414.85	0.38	2695108	32	2.9	0.019	11.8	5.6	0.25	1642	0.003	0.29	<0.01	0.13	<0.5	0.19	1.8
A-15-125	414.85	415.15	0.30	2695109	88	0.36	0.015	13.3	8.6	0.1	85	0.003	0.46	<0.01	0.19	1.5	1.47	1.8
A-15-125	415.15	415.75	0.60	2695110	66	3.09	0.016	3.2	8.8	0.14	111	0.002	0.46	<0.01	0.18	<0.5	0.57	3
A-15-125	415.75	416.05	0.30	2695111	69	0.37	0.02	3.6	9.3	0.07	140	0.002	0.57	<0.01	0.22	0.5	0.48	4
A-15-125	416.05	416.38	0.33	2695112	72	2.23	0.01	1.8	8.6	0.11	123	0.001	0.24	<0.01	0.08	0.6	1.01	3.2
A-15-125			0.00	2695113	69	2.12	0.011	1.7	8.2	0.11	61	0.001	0.23	<0.01	0.08	0.6	1.22	2.6
A-15-125	416.38	416.95	0.57	2695114	59	0.18	0.035	2.4	8.3	0.09	922	0.003	0.6	<0.01	0.25	<0.5	0.12	5.2
A-15-125	416.95	417.58	0.63	2695115	67	1.45	0.019	1.7	9.3	0.14	59	0.002	0.24	<0.01	0.08	0.6	1.18	2.9
A-15-125	417.58	418.45	0.87	2695116	88	4.42	0.126	3.4	8.8	0.2	440	0.005	0.48	<0.01	0.23	1.8	0.24	3.2
A-15-125	418.45	419.23	0.78	2695117	57	1.62	0.039	1.7	9.1	0.22	118	0.003	0.41	<0.01	0.15	<0.5	0.85	3.8

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**	**%**	**%**
A-15-125	393.00	394.00	1.00	2695076	1.3	1.57	<5	9	2.623	4.2		
A-15-125	394.00	395.00	1.00	2695077	1.5	2.15	<5	7	2.629	3.97		
A-15-125	395.00	395.53	0.53	2695078	3.7	5.66	<5	7	2.748	2.04		
A-15-125	395.53	396.40	0.87	2695079	1.3	1.8	<5	3	2.614	3.3		
A-15-125	396.40	397.35	0.95	2695080	0.9	1.91	<5	4	2.577	3.47		
A-15-125	397.35	398.07	0.72	2695081	1	1.77	<5	3	2.621	2.51		
A-15-125	398.07	398.46	0.39	2695082	<0.5	0.61	<5	<2	2.617	1.41		
A-15-125				2695083	0.8	2.73	<5	<2	I.S.	0.02		
A-15-125	398.46	399.20	0.74	2695084	1.3	2.26	<5	4	2.574	2.54		
A-15-125	399.20	400.30	1.10	2695085	4.6	6.55	<5	7	2.747	3.36		
A-15-125	400.30	400.81	0.51	2695086	2.4	3.38	<5	7	2.618	1.97		
A-15-125	400.81	401.40	0.59	2695087	1.5	1.84	<5	5	2.579	2.08		
A-15-125	401.40	402.00	0.60	2695088	1.2	1.48	<5	5	2.554	1.46		
A-15-125	402.00	403.00	1.00	2695089	1.5	1.83	<5	3	2.552	4.41		
A-15-125	403.00	404.00	1.00	2695090	1.6	2.12	<5	4	2.581	3.27		
A-15-125	404.00	404.77	0.77	2695091	1.2	1.71	<5	3	2.595	2.82		
A-15-125	404.77	405.38	0.61	2695092	1.2	1.51	<5	3	2.599	1.59		
A-15-125				2695093	1.1	1.52	<5	3	2.6			
A-15-125	405.38	405.70	0.32	2695094	<0.5	1.28	<5	3	2.668	0.89		
A-15-125	405.70	406.30	0.60	2695095	1.1	1.28	<5	3	2.6	2.05		
A-15-125	406.30	406.66	0.36	2695096	<0.5	0.58	<5	<2	2.603	1.38		
A-15-125	406.66	407.45	0.79	2695097	2.5	2.39	<5	7	2.463	2.9		
A-15-125	407.45	408.00	0.55	2695098	2.9	2.43	<5	4	2.501	1.65		
A-15-125	408.00	408.89	0.89	2695099	2.7	2.38	<5	7	2.484	3.2		
A-15-125	408.89	409.68	0.79	2695100	1.8	1.83	<5	3	2.584	2.5		
A-15-125	409.68	410.28	0.60	2695101	6.4	4.63	<5	8	2.691	2.38		
A-15-125	410.28	411.00	0.72	2695102	2.7	1.9	<5	5	2.635	2.13		
A-15-125			0.00	2695103								
A-15-125	411.00	411.75	0.75	2695104	7	5.62	<5	5	2.751	2.03		
A-15-125	411.75	412.70	0.95	2695105	5.6	4.22	<5	9	2.665	2.96		
A-15-125	412.70	413.70	1.00	2695106	2.6	2.05	<5	4	2.603	2.95		
A-15-125	413.70	414.47	0.77	2695107	2.5	1.79	<5	<2	2.606	2.61		
A-15-125	414.47	414.85	0.38	2695108	2.3	1.29	<5	5	2.652	1.43		
A-15-125	414.85	415.15	0.30	2695109	46.2	13.98	<5	43	2.872	1.22		
A-15-125	415.15	415.75	0.60	2695110	74.1	11.35	<5	10	2.979	2.4		
A-15-125	415.75	416.05	0.30	2695111	57.3	9.32	<5	11	2.786	1.07		
A-15-125	416.05	416.38	0.33	2695112	197.2	23.77	<5	12	3.405	1.73		
A-15-125			0.00	2695113	184.2	22.45	<5	16	3.408			
A-15-125	416.38	416.95	0.57	2695114	10	1.98	<5	4	2.658	1.66		
A-15-125	416.95	417.58	0.63	2695115	191.8	23.12	<5	15	3.388	2.95		
A-15-125	417.58	418.45	0.87	2695116	33.2	4.02	<5	6	2.745	2.84		
A-15-125	418.45	419.23	0.78	2695117	134.8	14.38	<5	11	3.056	3.34		

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**
A-15-125	419.23	419.65	0.42	2695118	abundant grey sphalerite	75.00	25.00		VAN15002038	29.2	50.8	7647.9
A-15-125	419.65	420.25	0.60	2695119		0.01	99.00		VAN15002038	6.7	16.2	440.3
A-15-125	420.25	420.80	0.55	2695120		0.01	99.00		VAN15002038	8.1	21.5	499.2
A-15-125	420.80	421.26	0.46	2695121	abundant grey sphalerite	75.00	25.00		VAN15002038	29.1	53.4	6745.4
A-15-125	421.26	421.87	0.61	2695122		0.01	99.00		VAN15002038	9.5	23.5	806
A-15-125			0.00	2695123	STANDARD PB 136				VAN15002038	9.5	5474.7	23541.3
A-15-125	421.87	422.60	0.73	2695124	grey sphalerite > cream mottled sphalerite	90.00	10.00		VAN15002038	23.3	37.2	8930.4
A-15-125	422.60	423.07	0.47	2695125		0.01	99.00		VAN15002038	6	23.2	1065.3
A-15-125	423.07	424.00	0.93	2695126	grey sphalerite > cream mottled sphalerite	66.00	34.00		VAN15002038	21.3	37.8	8293.1
A-15-125	424.00	425.02	1.02	2695127	grey sphalerite > cream mottled sphalerite	30.00	70.00		VAN15002038	24.5	31.8	5693.6
A-15-125	425.02	425.50	0.48	2695128	abundant cream mottled sphalerite	50.00	50.00		VAN15002038	14.7	35.8	7167.4
A-15-125	425.50	426.28	0.78	2695129	abundant grey and cream, mottled sphalerite	99.00	1.00		VAN15002038	27.4	41.6	20629.5
A-15-125	426.28	427.20	0.92	2695130	abundant grey and cream, mottled sphalerite	99.00	1.00		VAN15002038	24.7	51.2	20953.9
A-15-125	427.20	427.76	0.56	2695131		1.00	99.00		VAN15002038	4.8	19	1551.8
A-15-125	427.76	428.42	0.66	2695132	minor mottled cream sphalerite	20.00	80.00		VAN15002038	11.4	22.8	7558.9
A-15-125			0.00	2695133	PULP DUPLICATE OF 2695132				VAN15002038	11.1	23.8	7719.9
A-15-125	428.42	429.11	0.69	2695134	chert	0.01	99.00		VAN15002038	3.9	4.6	2612.5
A-15-125	429.11	429.98	0.87	2695135		0.01	99.00		VAN15002038	34	32.5	3015.6
A-15-125	429.98	430.60	0.62	2695136	massive py and grey sphalerite	90.00	10.00		VAN15002038	18.9	69.9	22303
A-15-125	430.60	431.17	0.57	2695137	massive py and grey sphalerite	97.00	3.00		VAN15002038	20.3	73.3	26246.4
A-15-125	431.17	432.00	0.83	2695138		3.00	97.00		VAN15002038	20.9	29.5	3839.3
A-15-125	432.00	432.40	0.40	2695139		0.01	99.00		VAN15002038	20.3	28.8	2816.2
A-15-125	432.40	432.82	0.42	2695140	dominantly mottled texture sphalerite	100.00	0.00		VAN15002038	17	69	34120.3
A-15-125	432.82	433.17	0.35	2695141		0.01	99.00		VAN15002038	10.6	15.4	2680
A-15-125	433.17	433.70	0.53	2695142	dominantly mottled texture sphalerite	100.00	0.00		VAN15002038	13.6	57.4	27921.2
A-15-125			0.00	2695143	BLANK BL 125				VAN15002038	5.5	98.5	8.5
A-15-125	433.70	434.26	0.56	2695144	dominantly mottled texture sphalerite	100.00	0.00		VAN15002038	15.1	53.8	29735.8
A-15-125	434.26	435.25	0.99	2695145	fault zone and sphalerite rich sulphide beds	80.00	20.00		VAN15002038	19.3	52.2	21481.2
A-15-125	435.25	435.87	0.62	2695146	fault zone and sphalerite rich sulphide beds	50.00	50.00		VAN15002038	13.6	42.9	14498.1
A-15-125	435.87	436.47	0.60	2695147	dominantly mottled texture sphalerite	98.00	2.00		VAN15002038	14.5	77.1	>40000.0
A-15-125	436.47	437.08	0.61	2695148	dominantly mottled texture sphalerite	40.00	60.00		VAN15002038	18.9	49.8	33641.4
A-15-125	437.08	437.73	0.65	2695149	dominantly mottled texture sphalerite	98.00	2.00		VAN15002038	11.4	63.8	>40000.0
A-15-125	437.73	438.43	0.70	2695150		0.01	99.00		VAN15002038	10.8	12.5	617.3
A-15-125	438.43	438.91	0.48	2695151	dominantly mottled texture sphalerite	45.00	55.00		VAN15002038	13.9	58.9	36027.9
A-15-125	438.91	439.91	1.00	2695152	dominantly mottled texture sphalerite	95.00	5.00		VAN15002038	19.3	82.7	36046.2
A-15-125			0.00	2695153	COARSE DUPLICATE				VAN15002038	18.8	84.9	36119.4
A-15-125	439.91	440.90	0.99	2695154		8.00	92.00		VAN15002038	16.8	34.7	505.2
A-15-125	440.90	441.62	0.72	2695155	bedded barite and pyrite	34.00	66.00		VAN15002038	17.8	113.3	1847.4
A-15-125	441.62	442.65	1.03	2695156		0.01	99.00		VAN15002038	8.5	16	172.2
A-15-125	442.65	443.58	0.93	2695157	dominantly bedded barite	15.00	85.00		VAN15002038	7.5	122.6	1122.8
A-15-125	443.58	444.02	0.44	2695158	ebris flow with minor pyrite replacement of clas	2.00	98.00		VAN15002038	21.4	43	154.5
A-15-125	444.02	445.00	0.98	2695159		0.01	99		VAN15002038	11.7	19.7	78

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-125	419.23	419.65	0.42	2695118	51017	8.8	39790	78.2	3.2	552	16.81	81	2.7	0.7	740	265	19	<0.5
A-15-125	419.65	420.25	0.60	2695119	2308	<0.5	28073	54.6	6.9	406	2.28	5	1.4	4.2	1000	9.9	1.3	<0.5
A-15-125	420.25	420.80	0.55	2695120	1637	0.5	26297	57.9	7.2	547	2.8	8	1.7	4.5	846	7.9	1.9	<0.5
A-15-125	420.80	421.26	0.46	2695121	41723	9.7	54112	77.1	3.7	576	14.89	74	1.6	<0.5	757	212.9	15.1	<0.5
A-15-125	421.26	421.87	0.61	2695122	1734	0.9	29112	60.6	6.2	78	1.55	12	1.4	3.2	169	8.1	1.8	<0.5
A-15-125			0.00	2695123	26745	83.3	386	13.8	13.8	2332	3.16	37	<0.5	0.9	86	167.1	234.5	3.1
A-15-125	421.87	422.60	0.73	2695124	88263	9.6	58802	70.2	3.1	715	13.45	55	2	<0.5	848	393.5	13.4	<0.5
A-15-125	422.60	423.07	0.47	2695125	2644	1.1	40367	54.3	6.7	136	1.9	11	1.2	3.4	637	11.5	2.1	<0.5
A-15-125	423.07	424.00	0.93	2695126	87404	10.9	65882	62	3.4	567	13.31	53	1.6	<0.5	790	393	10.6	<0.5
A-15-125	424.00	425.02	1.02	2695127	24845	7.3	42528	87.7	5.5	391	8.8	38	3.2	1.3	646	116.1	6.4	<0.5
A-15-125	425.02	425.50	0.48	2695128	53189	7.7	60952	54.1	4.2	431	8.11	32	1.5	0.8	907	247.2	7.4	<0.5
A-15-125	425.50	426.28	0.78	2695129	130088	17.5	85817	62.3	2.5	612	13.36	59	1.9	<0.5	737	687.8	10.9	<0.5
A-15-125	426.28	427.20	0.92	2695130	140816	18.6	87963	57.4	2.6	619	13.6	56	2.3	<0.5	467	711	12.5	<0.5
A-15-125	427.20	427.76	0.56	2695131	3262	1.2	32678	50.6	6.6	126	1.69	9	1.7	2.8	644	16.2	1.6	<0.5
A-15-125	427.76	428.42	0.66	2695132	35485	5.1	33623	55.9	5.7	348	4.33	16	2.8	2.2	520	194.8	4.5	<0.5
A-15-125			0.00	2695133	36541	5.2	33435	57.2	5.9	390	4.44	17	2.7	2.3	519	184.9	4.9	<0.5
A-15-125	428.42	429.11	0.69	2695134	1310	0.8	19389	16.4	1.7	172	0.84	<5	0.9	<0.5	558	7.6	1.5	<0.5
A-15-125	429.11	429.98	0.87	2695135	7896	4.4	12795	112.8	9.2	102	2.44	22	7	3.7	281	45.2	5.3	<0.5
A-15-125	429.98	430.60	0.62	2695136	143071	21.3	90178	47.3	2.8	388	10.99	43	2.3	<0.5	481	808.6	14.5	<0.5
A-15-125	430.60	431.17	0.57	2695137	156956	24.2	116158	48.5	2.1	348	12.55	47	2.6	<0.5	264	915.4	16.8	<0.5
A-15-125	431.17	432.00	0.83	2695138	16856	4.9	28439	81.1	6.9	155	3.27	20	4	2.6	557	93.8	5.3	<0.5
A-15-125	432.00	432.40	0.40	2695139	17008	4.7	37354	83.2	7	266	2.99	15	4.4	2.1	792	96.6	4.3	<0.5
A-15-125	432.40	432.82	0.42	2695140	176421	29.4	112973	36.5	1.7	466	12.08	46	2	<0.5	238	979.8	12.8	<0.5
A-15-125	432.82	433.17	0.35	2695141	1427	1.6	30314	65	6.9	88	1.79	8	2.6	2.6	490	9.2	1.2	<0.5
A-15-125	433.17	433.70	0.53	2695142	182325	27.1	135715	31.4	1.5	604	11.11	37	1.4	<0.5	400	1117.9	9.9	<0.5
A-15-125			0.00	2695143	72	<0.5	610	14.4	9.9	550	3.33	<5	0.9	2.7	92	<0.5	<0.5	<0.5
A-15-125	433.70	434.26	0.56	2695144	190639	29.8	130849	36.3	1.3	573	11.64	41	2	<0.5	393	1053.3	8.4	<0.5
A-15-125	434.26	435.25	0.99	2695145	142546	25.6	55639	55	2.9	542	11.29	37	2.4	<0.5	300	917.9	7.8	<0.5
A-15-125	435.25	435.87	0.62	2695146	107625	18.3	67266	55.3	4.3	368	7.52	30	4.4	0.7	344	638.6	4.8	<0.5
A-15-125	435.87	436.47	0.60	2695147	>200000	33.6	93675	36.6	1.8	583	11.32	39	2	<0.5	429	1371	9.7	<0.5
A-15-125	436.47	437.08	0.61	2695148	142325	21.4	43501	59.8	4.1	344	7.82	26	2.5	0.6	363	891.2	8.3	<0.5
A-15-125	437.08	437.73	0.65	2695149	>200000	32	98759	32.9	1.5	477	11.84	34	1.8	<0.5	363	1341.6	7.6	<0.5
A-15-125	437.73	438.43	0.70	2695150	474	1	24124	62.9	6.3	82	1.74	6	2.4	3.5	403	2.2	0.7	<0.5
A-15-125	438.43	438.91	0.48	2695151	148438	24.5	52577	44.6	3.3	417	8.89	25	1.9	0.6	422	954.2	7.2	<0.5
A-15-125	438.91	439.91	1.00	2695152	175390	36	87379	47.3	1.7	498	11.96	46	2.1	<0.5	373	1174.7	14.9	<0.5
A-15-125			0.00	2695153	177198	36.2	87598	47.2	2.1	567	12.2	47	2.2	<0.5	368	1152	15.3	<0.5
A-15-125	439.91	440.90	0.99	2695154	554	3.9	66289	74.3	5.8	186	3.21	19	3.4	2.8	951	3.9	3.9	<0.5
A-15-125	440.90	441.62	0.72	2695155	22936	14	166900	60.5	4	378	9.46	44	1.9	1	822	166.4	12.5	<0.5
A-15-125	441.62	442.65	1.03	2695156	84	1.1	13012	62.3	7.4	143	1.75	10	2.6	6	172	<0.5	1.6	<0.5
A-15-125	442.65	443.58	0.93	2695157	1841	4.8	291428	41.5	2	63	3.61	19	1.3	<0.5	2522	35.7	5.8	<0.5
A-15-125	443.58	444.02	0.44	2695158	4345	1.5	11377	129.3	8.7	293	1.94	17	23.5	4.4	339	30.2	3.4	<0.5
A-15-125	444.02	445.00	0.98	2695159	1516	0.8	8497	43.9	3.5	599	1.58	13	7.4	3.9	348	12.4	2.1	<0.5

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**%**	**PPM**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**
A-15-125	419.23	419.65	0.42	2695118	67	1.67	0.036	1.3	9.2	0.17	91	0.003	0.32	<0.01	0.14	0.6	0.84	3
A-15-125	419.65	420.25	0.60	2695119	47	1.33	0.054	3.4	5.9	0.47	836	0.004	0.5	<0.01	0.26	<0.5	0.05	4.3
A-15-125	420.25	420.80	0.55	2695120	56	1.42	0.053	2.9	8.6	0.59	729	0.004	0.59	<0.01	0.29	<0.5	0.07	5
A-15-125	420.80	421.26	0.46	2695121	53	1.54	0.016	1.2	8	0.28	173	0.002	0.25	<0.01	0.11	0.6	0.78	2.9
A-15-125	421.26	421.87	0.61	2695122	59	0.09	0.038	1.9	8.3	0.21	1463	0.004	0.78	<0.01	0.28	<0.5	0.07	4.9
A-15-125			0.00	2695123	28	3.04	0.047	3.2	24	0.63	78	0.056	0.81	0.04	0.2	4.8	0.39	1.2
A-15-125	421.87	422.60	0.73	2695124	61	1.88	0.027	1	9.5	0.33	101	0.002	0.25	<0.01	0.09	<0.5	1.3	3.4
A-15-125	422.60	423.07	0.47	2695125	52	0.43	0.043	2.5	9.3	0.35	1670	0.004	0.54	<0.01	0.27	<0.5	0.07	5.9
A-15-125	423.07	424.00	0.93	2695126	53	1.28	0.013	0.7	10	0.34	101	0.002	0.31	<0.01	0.09	0.5	1.49	3.3
A-15-125	424.00	425.02	1.02	2695127	75	1.49	0.075	1.1	10.7	0.24	172	0.004	0.45	<0.01	0.19	0.6	0.43	4.5
A-15-125	425.02	425.50	0.48	2695128	49	1.63	0.047	1.2	8.2	0.3	165	0.003	0.51	<0.01	0.14	<0.5	0.73	4.5
A-15-125	425.50	426.28	0.78	2695129	60	1.53	0.029	0.6	9.6	0.19	60	0.001	0.23	<0.01	0.05	<0.5	2.38	3
A-15-125	426.28	427.20	0.92	2695130	52	1.02	0.024	<0.5	8.6	0.19	61	0.001	0.15	<0.01	0.05	<0.5	2.72	2.6
A-15-125	427.20	427.76	0.56	2695131	50	0.9	0.075	2.1	8.1	0.25	750	0.005	0.58	<0.01	0.31	<0.5	0.11	4.8
A-15-125	427.76	428.42	0.66	2695132	55	1.35	0.056	2.1	8.2	0.19	175	0.004	0.46	<0.01	0.24	<0.5	0.58	4.6
A-15-125			0.00	2695133	56	1.39	0.065	2.3	8.8	0.21	180	0.004	0.47	<0.01	0.23	<0.5	0.5	5
A-15-125	428.42	429.11	0.69	2695134	25	0.91	0.016	0.8	4	0.09	3589	0.001	0.14	<0.01	0.06	<0.5	<0.05	0.5
A-15-125	429.11	429.98	0.87	2695135	117	0.78	0.135	1.3	10.7	0.07	422	0.004	0.48	<0.01	0.26	<0.5	0.23	2.1
A-15-125	429.98	430.60	0.62	2695136	46	1.63	0.02	0.8	6.5	0.12	63	0.002	0.23	<0.01	0.09	<0.5	3.21	2
A-15-125	430.60	431.17	0.57	2695137	41	1.24	0.017	<0.5	5.9	0.08	55	<0.001	0.15	<0.01	0.04	<0.5	3.15	1.4
A-15-125	431.17	432.00	0.83	2695138	79	0.99	0.093	2	9.4	0.08	266	0.004	0.46	<0.01	0.26	<0.5	0.34	3.2
A-15-125	432.00	432.40	0.40	2695139	108	1.79	0.063	1.6	11.3	0.39	297	0.003	0.45	<0.01	0.21	<0.5	0.32	3.9
A-15-125	432.40	432.82	0.42	2695140	40	1.44	0.011	<0.5	7.1	0.07	52	<0.001	0.16	<0.01	0.03	<0.5	3.95	1.3
A-15-125	432.82	433.17	0.35	2695141	46	1	0.063	2.1	7.4	0.09	839	0.003	0.47	<0.01	0.24	<0.5	0.07	4.3
A-15-125	433.17	433.70	0.53	2695142	36	1.89	0.009	<0.5	5.2	0.15	55	<0.001	0.12	<0.01	0.03	<0.5	4.85	1.9
A-15-125			0.00	2695143	96	1.08	0.058	6.5	17.5	0.81	127	0.17	1.87	0.23	0.23	0.7	<0.05	3.7
A-15-125	433.70	434.26	0.56	2695144	37	1.59	0.014	<0.5	5.5	0.09	55	<0.001	0.1	<0.01	0.03	<0.5	5.77	1
A-15-125	434.26	435.25	0.99	2695145	36	1.09	0.029	0.9	7.8	0.08	58	0.002	0.29	<0.01	0.13	<0.5	3.04	1.3
A-15-125	435.25	435.87	0.62	2695146	36	1.76	0.04	1.4	7.4	0.08	85	0.002	0.32	<0.01	0.16	<0.5	2.25	2.4
A-15-125	435.87	436.47	0.60	2695147	22	1.49	0.03	0.8	3.9	0.11	77	<0.001	0.08	<0.01	0.03	<0.5	5.72	1
A-15-125	436.47	437.08	0.61	2695148	40	1.26	0.059	0.9	7.4	0.08	95	0.003	0.28	<0.01	0.13	0.6	4.29	2.2
A-15-125	437.08	437.73	0.65	2695149	21	2.09	0.022	<0.5	5.1	0.1	53	<0.001	0.09	<0.01	0.04	<0.5	6.14	0.8
A-15-125	437.73	438.43	0.70	2695150	59	0.67	0.079	2.2	9.5	0.13	1182	0.005	0.57	<0.01	0.29	<0.5	<0.05	3.2
A-15-125	438.43	438.91	0.48	2695151	36	1.12	0.037	1	7.5	0.12	70	0.003	0.26	<0.01	0.13	<0.5	4.7	2.3
A-15-125	438.91	439.91	1.00	2695152	37	1.61	0.031	1.1	7.3	0.11	57	0.001	0.15	<0.01	0.06	<0.5	6.91	1.4
A-15-125			0.00	2695153	39	1.6	0.027	0.9	7.7	0.11	54	0.001	0.15	<0.01	0.06	<0.5	7.31	1.6
A-15-125	439.91	440.90	0.99	2695154	74	1.14	0.072	2.7	9.3	0.2	553	0.004	0.49	<0.01	0.18	<0.5	0.17	3.8
A-15-125	440.90	441.62	0.72	2695155	36	1.51	0.037	2.3	6.1	0.23	111	0.002	0.42	<0.01	0.14	<0.5	1.75	2.3
A-15-125	441.62	442.65	1.03	2695156	41	0.6	0.074	8.8	8	0.21	1180	0.004	0.54	<0.01	0.3	<0.5	0.06	2.4
A-15-125	442.65	443.58	0.93	2695157	24	0.43	0.005	2.9	2.2	0.04	276	<0.001	0.08	<0.01	0.03	<0.5	0.46	0.7
A-15-125	443.58	444.02	0.44	2695158	75	6.34	0.699	28.1	38.3	2.11	1603	0.008	0.46	<0.01	0.26	<0.5	0.61	4.1
A-15-125	444.02	445.00	0.98	2695159	38	10.6	0.136	13.1	7	4.96	1832	0.004	0.31	<0.01	0.2	<0.5	0.17	3.1

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**	**%**	**%**
A-15-125	419.23	419.65	0.42	2695118	181.3	20.75	<5	14	3.328	2.13		
A-15-125	419.65	420.25	0.60	2695119	9.5	2.36	<5	<2	2.72	2.36		
A-15-125	420.25	420.80	0.55	2695120	11.6	2.79	<5	2	2.706	2.2		
A-15-125	420.80	421.26	0.46	2695121	192.1	17.87	<5	9	3.282	2.16		
A-15-125	421.26	421.87	0.61	2695122	10.1	1.53	<5	3	2.661	1		
A-15-125			0.00	2695123	1.3	2.74	<5	<2	I.S.	0.02		
A-15-125	421.87	422.60	0.73	2695124	208.5	18.34	5	9	3.337	5.36		
A-15-125	422.60	423.07	0.47	2695125	18.2	1.7	<5	<2	2.717	2.05		
A-15-125	423.07	424.00	0.93	2695126	212.7	18.06	<5	11	3.365	4.32		
A-15-125	424.00	425.02	1.02	2695127	114.9	10.46	<5	10	2.948	2.76		
A-15-125	425.02	425.50	0.48	2695128	143.8	10.73	<5	7	3.061	2.41		
A-15-125	425.50	426.28	0.78	2695129	259.7	20.66	5	6	3.524	3.86		
A-15-125	426.28	427.20	0.92	2695130	272.8	21.39	<5	12	3.64	3.62		
A-15-125	427.20	427.76	0.56	2695131	20.5	2.03	<5	<2	2.728	2		
A-15-125	427.76	428.42	0.66	2695132	56.9	6.73	<5	4	2.856	2.42		
A-15-125			0.00	2695133	62.6	6.88	<5	8	2.86			
A-15-125	428.42	429.11	0.69	2695134	5.5	0.72	<5	4	2.664	2.13		
A-15-125	429.11	429.98	0.87	2695135	29.4	3.2	<5	15	2.652	3.05		
A-15-125	429.98	430.60	0.62	2695136	203.8	19.11	<5	16	3.529	3.34		
A-15-125	430.60	431.17	0.57	2695137	249.6	21.63	<5	19	3.783	2.5		
A-15-125	431.17	432.00	0.83	2695138	41.1	4.4	<5	10	2.728	2.05		
A-15-125	432.00	432.40	0.40	2695139	40.9	4.06	<5	7	2.728	1.44		
A-15-125	432.40	432.82	0.42	2695140	305.2	22.13	<5	12	3.79	2.22		
A-15-125	432.82	433.17	0.35	2695141	18.3	2.04	<5	3	2.721	1.38		
A-15-125	433.17	433.70	0.53	2695142	279.1	20.62	<5	6	3.86	2.91		
A-15-125			0.00	2695143	<0.5	<0.05	5	<2				
A-15-125	433.70	434.26	0.56	2695144	308.9	21.92	<5	14	3.905	3.03		
A-15-125	434.26	435.25	0.99	2695145	228.5	19.79	6	5	3.441	2.44		
A-15-125	435.25	435.87	0.62	2695146	173.7	13.93	<5	3	3.235	2.6		
A-15-125	435.87	436.47	0.60	2695147	288.2	23.45	5	5	3.926	3.13	5.51	22.2
A-15-125	436.47	437.08	0.61	2695148	163	15.56	6	9	3.24	2.99		
A-15-125	437.08	437.73	0.65	2695149	252.6	23.25	<5	6	3.88	3.98	4.25	21.16
A-15-125	437.73	438.43	0.70	2695150	14.3	1.73	<5	6	2.674	1.95		
A-15-125	438.43	438.91	0.48	2695151	195.1	17.37	5	11	3.389	2.03		
A-15-125	438.91	439.91	1.00	2695152	262.5	21.88	6	6	3.719	5.64		
A-15-125			0.00	2695153	265.8	22.34	6	7	3.722			
A-15-125	439.91	440.90	0.99	2695154	26.9	2.94	<5	10	2.792	4.21		
A-15-125	440.90	441.62	0.72	2695155	106.4	11.23	<5	6	3.309	3.23		
A-15-125	441.62	442.65	1.03	2695156	8.9	1.98	<5	6	2.675	3.19		
A-15-125	442.65	443.58	0.93	2695157	24.4	4.19	<5	3	3.973	6.67		
A-15-125	443.58	444.02	0.44	2695158	5.5	2.17	<5	10	2.595	1.75		
A-15-125	444.02	445.00	0.98	2695159	3.2	1.59	<5	6	2.701	4.06		

										AQ270	AQ270	AQ270
										Mo	Cu	Pb
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**
A-15-125	445.00	446.00	1.00	2695160		0.01	99		VAN15002038	19.5	14	49.6
A-15-125	446.00	447.00	1.00	2695161		0.01	99		VAN15002038	12.4	11.7	41.7
A-15-125	447.00	448.00	1.00	2695162		0.01	99.00		VAN15002038	11.4	9.8	28.9
A-15-125			0.00	2695163	STANDARD PB 129				VAN15002038	3.6	2819.3	12084.2

					AQ270	AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Zn	Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-125	445.00	446.00	1.00	2695160	1348	0.6	3568	40.8	2.7	627	1.37	9	7.4	3.2	314	11.9	1.4	<0.5
A-15-125	446.00	447.00	1.00	2695161	870	0.6	3018	31.9	3.6	592	1.34	6	4.2	3.5	261	6.2	1.3	<0.5
A-15-125	447.00	448.00	1.00	2695162	786	<0.5	2003	23	2.6	568	1.21	<5	3.6	3.2	236	7.4	1	<0.5
A-15-125			0.00	2695163	21273	23.2	880	11.2	9.7	852	3.06	10	<0.5	0.9	66	118.9	34.8	0.6

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					V	**Ca**	**P**	**La**	**Cr**	**Mg**	**Ba**	**Ti**	**Al**	**Na**	**K**	**W**	**Hg**	**Sc**
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**%**	**%**	**PPM**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**
A-15-125	445.00	446.00	1.00	2695160	23	13.16	0.034	10.5	4.6	4.31	538	0.003	0.26	<0.01	0.19	<0.5	0.24	2.8
A-15-125	446.00	447.00	1.00	2695161	15	13.44	0.031	11.4	4	3.58	494	0.003	0.24	<0.01	0.18	<0.5	0.14	2.4
A-15-125	447.00	448.00	1.00	2695162	11	13.6	0.036	10.4	4.4	4.1	255	0.003	0.26	<0.01	0.2	<0.5	0.12	2.2
A-15-125			0.00	2695163	32	0.95	0.077	9.7	23.1	1.4	184	0.1	1.83	0.05	0.23	<0.5	0.12	1.8

					AQ270	AQ270	AQ270	AQ270	SPG01	WGHT	AQ371	AQ371
					Tl	S	Ga	Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	%	PPM	PPM	NONE	KG	%	%
A-15-125	445.00	446.00	1.00	2695160	2.5	1.19	<5	3	2.694	3.58		
A-15-125	446.00	447.00	1.00	2695161	2.3	1.09	<5	<2	2.687	3.2		
A-15-125	447.00	448.00	1.00	2695162	1.8	0.83	<5	<2	2.677	4		
A-15-125			0.00	2695163	0.5	1.79	<5	<2	I.S.	0.02		

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-125	0		30	-65			yes	Collar
A-15-125	45.11	9.8	29.1	-65.1	5702	Reflex EZ Shot	yes	
A-15-125	90.83	9.6	28.9	-65.4	5725	Reflex EZ Shot	yes	
A-15-125	136.55	9.6	28.9	-64.2	5713	Reflex EZ Shot	yes	
A-15-125	182.27	10.7	30	-60.6	5746	Reflex EZ Shot	yes	
A-15-125	185.32	11	30.3	-60.2	5716	Reflex EZ Shot	yes	
A-15-125	226.83	10	29.3	-56.4	5716	Reflex EZ Shot	yes	
A-15-125	250.91	10.6	29.9	-54.9	5711	Reflex EZ Shot	yes	
A-15-125	273.78	9.9	29.2	-53.7	5710	Reflex EZ Shot	yes	
A-15-125	319.51	10.7	30	-52.2	5719	Reflex EZ Shot	yes	
A-15-125	365.24	11.7	31	-50.9	5708	Reflex EZ Shot	yes	
A-15-125	410.97	12.3	31.6	-48.9	5703	Reflex EZ Shot	yes	
A-15-125	455.79	12.9	32.2	-47.7	5713	Reflex EZ Shot	yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-125	6.1	8.53	2.43	1.99	81.89%	0	0.00%												
A-15-125	8.53	11.58	3.05	2.14	70.16%	0	0.00%												
A-15-125	11.58	14.63	3.05	1.72	56.39%	0	0.00%												
A-15-125	14.63	17.68	3.05	2.5	81.97%	0	0.00%												
A-15-125	17.68	20.72	3.04	3.05	100.33%	0.22	7.24%												
A-15-125	20.72	23.77	3.05	2.46	80.66%	0.34	11.15%												
A-15-125	23.77	26.82	3.05	2.67	87.63%	0.39	12.80%	1					1						
A-15-125	26.82	29.87	3.05	2.6	85.16%	0.74	24.24%												
A-15-125	29.87	32.92	3.05	2.92	95.74%	0.1	3.28%												
A-15-125	32.92	35.97	3.05	2.51	82.30%	0.45	14.75%	1					1						
A-15-125	35.97	39.01	3.04	3.05	100.33%	0.39	12.83%												
A-15-125	39.01	42.06	3.05	2.9	95.08%	0.19	6.23%												
A-15-125	42.06	45.11	3.05	2.78	91.15%	0.11	3.61%												
A-15-125	45.11	48.16	3.05	2.54	83.28%	0.12	3.93%												
A-15-125	48.16	50.90	2.74	2.28	83.21%	0.16	5.84%												
A-15-125	50.90	53.65	2.75	2.4	87.27%	0.11	4.00%												
A-15-125	53.65	56.69	3.04	2.29	75.33%	0	0.00%												
A-15-125	56.69	57.61	0.92	0.32	34.78%	0	0.00%												
A-15-125	57.61	61.88	4.27	4.01	93.91%	0.37	8.67%												
A-15-125	61.88	63.40	1.52	1.59	104.61%	0.26	17.11%												
A-15-125	63.40	66.45	3.05	2.67	87.54%	0.12	3.93%												
A-15-125	66.45	69.50	3.05	2.95	96.72%	0.24	7.87%												
A-15-125	69.50	72.54	3.04	3	98.68%	0.8	26.32%												
A-15-125	72.54	74.98	2.44	2.38	97.54%	0.43	17.62%												
A-15-125	74.98	76.81	1.83	1.9	103.83%	0.71	38.80%												
A-15-125	76.81	78.64	1.83	1.89	103.28%	0.31	16.94%												
A-15-125	78.64	81.69	3.05	3.07	100.66%	0.23	7.54%												
A-15-125	81.69	84.74	3.05	3	98.36%	1.09	35.74%												
A-15-125	84.74	87.78	3.04	3.06	100.66%	0.57	18.75%	1					1						
A-15-125	87.78	90.83	3.05	2.95	96.72%	0	0.00%												
A-15-125	90.83	93.88	3.05	2.6	85.25%	0	0.00%												
A-15-125	93.88	96.93	3.05	2.38	78.03%	0	0.00%												
A-15-125	96.93	99.98	3.05	2.74	89.84%	0	0.00%	1					1						
A-15-125	99.98	103.02	3.04	1.19	39.14%	0	0.00%												
A-15-125	103.02	106.07	3.05	1.49	48.85%	0	0.00%												
A-15-125	106.07	109.12	3.05	3	98.36%	0	0.00%												
A-15-125	109.12	112.17	3.05	2.37	77.70%	0	0.00%												
A-15-125	112.17	115.22	3.05	2.8	91.80%	0.12	3.93%												
A-15-125	115.22	118.26	3.04	2.9	95.39%	0.4	13.16%												
A-15-125	118.26	121.31	3.05	3.15	103.28%	0.75	24.59%												
A-15-125	121.31	124.36	3.05	3.11	101.97%	0.25	8.20%												
A-15-125	124.36	127.41	3.05	2.85	93.44%	1.02	33.44%												
A-15-125	127.41	130.46	3.05	3.02	99.02%	1.19	39.02%												
A-15-125	130.46	133.50	3.04	3	98.68%	1.67	54.93%												
A-15-125	133.50	135.64	2.14	2.28	106.54%	0.33	15.42%												
A-15-125	135.64	137.16	1.52	1.54	101.32%	1.08	71.05%												
A-15-125	137.16	138.99	1.83	1.54	84.15%	0.68	37.16%												
A-15-125	138.99	140.82	1.83	2	109.29%	0.27	14.75%												
A-15-125	140.82	142.65	1.83	1.61	87.98%	0.55	30.05%												
A-15-125	142.65	145.70	3.05	3	98.36%	1.72	56.39%												
A-15-125	145.70	148.74	3.04	3.05	100.33%	0.74	24.34%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-125	148.74	151.79	3.05	2.96	97.05%	1.37	44.92%												
A-15-125	151.79	154.84	3.05	2.91	95.41%	1.82	59.67%												
A-15-125	154.84	157.89	3.05	2.71	88.85%	0.53	17.38%												
A-15-125	157.89	160.94	3.05	2.8	91.80%	0.84	27.54%												
A-15-125	160.94	163.98	3.04	3.05	100.33%	1.42	46.71%												
A-15-125	163.98	166.12	2.14	1.9	88.79%	1.05	49.07%												
A-15-125	166.12	170.08	3.96	3.8	95.96%	0.64	16.16%												
A-15-125	170.08	173.13	3.05	2.88	94.43%	1.78	58.36%												
A-15-125	173.13	176.17	3.04	3.15	103.62%	2.63	86.51%												
A-15-125	176.17	179.22	3.05	3.02	99.02%	1.85	60.66%												
A-15-125	179.22	182.27	3.05	2.98	97.70%	1.14	37.38%												
A-15-125	182.27	185.32	3.05	3.08	100.98%	1.18	38.69%												
A-15-125	185.32	188.37	3.05	2.94	96.39%	0.89	29.18%												
A-15-125	188.37	191.41	3.04	3.11	102.30%	1.98	65.13%												
A-15-125	191.41	194.46	3.05	3.02	99.02%	1.62	53.11%												
A-15-125	194.46	197.51	3.05	3.08	100.98%	1.9	62.30%												
A-15-125	197.51	200.56	3.05	3.09	101.31%	0.98	32.13%												
A-15-125	200.56	203.61	3.05	3.05	100.00%	1	32.79%												
A-15-125	203.61	206.65	3.04	3	98.68%	0.81	26.64%												
A-15-125	206.65	209.70	3.05	3.02	99.02%	1.84	60.33%												
A-15-125	209.70	212.75	3.05	3.01	98.69%	0.71	23.28%	5	5										
A-15-125	212.75	215.80	3.05	3.03	99.34%	2.12	69.51%	1				1							
A-15-125	215.80	218.85	3.05	2.89	94.75%	1.41	46.23%												
A-15-125	218.85	221.89	3.04	2.99	98.36%	2.89	95.07%	2			1	1							
A-15-125	221.89	224.94	3.05	2.96	97.05%	1.87	61.31%												
A-15-125	224.94	227.99	3.05	2.82	92.46%	1.39	45.57%	1					1						
A-15-125	227.99	231.04	3.05	3.02	99.02%	0.68	22.30%												
A-15-125	231.04	232.87	1.83	1.82	99.45%	0.6	32.79%												
A-15-125	232.87	235.92	3.05	3.02	99.02%	1.98	64.92%												
A-15-125	235.92	238.05	2.13	1.95	91.55%	1.15	53.99%												
A-15-125	238.05	240.18	2.13	2.2	103.29%	1.59	74.65%												
A-15-125	240.18	241.10	0.92	0.8	86.96%	0.41	44.57%												
A-15-125	241.10	243.23	2.13	2.06	96.71%	0.76	35.68%	1					1						
A-15-125	243.23	246.28	3.05	2.87	94.10%	1	32.79%	2					2						
A-15-125	246.28	249.33	3.05	3.06	100.33%	1.61	52.79%												
A-15-125	249.33	252.32	2.99	2.82	94.31%	1.02	34.11%												
A-15-125	252.32	253.59	1.27	1.21	95.28%	0.37	29.13%												
A-15-125	253.59	255.42	1.83	1.4	76.50%	0.11	6.01%												
A-15-125	255.42	258.47	3.05	3	98.36%	0.94	30.82%												
A-15-125	258.47	261.52	3.05	2.78	91.15%	0.69	22.62%												
A-15-125	261.52	264.57	3.05	2.91	95.41%	2.48	81.31%												
A-15-125	264.57	267.61	3.04	2.96	97.37%	1.85	60.86%	2		1	1								
A-15-125	267.61	270.66	3.05	2.85	93.44%	2.33	76.39%												
A-15-125	270.66	273.71	3.05	2.97	97.38%	1.64	53.77%												
A-15-125	273.71	276.76	3.05	3.2	104.92%	2.6	85.25%												
A-15-125	276.76	279.81	3.05	2.99	98.03%	2.33	76.39%												
A-15-125	279.81	282.85	3.04	2.87	94.41%	2.63	86.51%												
A-15-125	282.85	284.07	1.22	1.12	91.80%	0.59	48.36%												
A-15-125	284.07	285.60	1.53	2.157	140.98%	0.8	52.29%												
A-15-125	285.60	287.47	1.87	1.9	101.60%	1.03	55.08%												
A-15-125	287.47	289.56	2.09	1.99	95.22%	1.1	52.63%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-125	289.56	292.61	3.05	2.75	90.16%	1.18	38.69%												
A-15-125	292.61	295.35	2.74	2.77	101.09%	1.47	53.65%												
A-15-125	295.35	298.09	2.74	2.64	96.35%	2.25	82.12%	10	10										
A-15-125	298.09	300.84	2.75	2.74	99.64%	2.48	90.18%												
A-15-125	300.84	303.28	2.44	2.45	100.41%	1.75	71.72%												
A-15-125	303.28	304.50	1.22	1.3	106.56%	0.9	73.77%												
A-15-125	304.50	306.07	1.57	1.33	84.71%	0.89	56.69%												
A-15-125	306.07	309.07	3.00	2.89	96.33%	2.44	81.33%												
A-15-125	309.07	313.33	4.26	4.01	94.13%	2.21	51.88%												
A-15-125	313.33	316.38	3.05	2.94	96.39%	1.49	48.85%												
A-15-125	316.38	319.43	3.05	3	98.36%	2.73	89.51%												
A-15-125	319.43	322.48	3.05	3.12	102.30%	2.94	96.39%												
A-15-125	322.48	325.53	3.05	2.99	98.03%	1.89	61.97%												
A-15-125	325.53	328.57	3.04	2.93	96.38%	2.03	66.78%	1					1						
A-15-125	328.57	331.62	3.05	2.55	83.61%	0.8	26.23%												
A-15-125	331.62	334.67	3.05	1.55	50.82%	0.49	16.07%												
A-15-125	334.67	337.72	3.05	2.8	91.80%	0.93	30.49%												
A-15-125	337.72	340.77	3.05	3.11	101.97%	1.2	39.34%												
A-15-125	340.77	342.60	1.83	2.03	110.93%	1.11	60.66%												
A-15-125	342.60	344.73	2.13	1.97	92.49%	0.14	6.57%	1					1						
A-15-125	344.73	347.47	2.74	2.73	99.64%	0.48	17.52%												
A-15-125	347.47	349.91	2.44	2.23	91.39%	1.05	43.03%												
A-15-125	349.91	351.43	1.52	1.74	114.47%	0.75	49.34%												
A-15-125	351.43	352.96	1.53	1.36	88.89%	0	0.00%												
A-15-125	352.96	355.40	2.44	2.16	88.52%	1.26	51.64%												
A-15-125	355.40	358.44	3.04	3.18	104.61%	1.22	40.13%	1				1							
A-15-125	358.44	361.49	3.05	3.05	100.00%	1.69	55.41%												
A-15-125	361.49	363.63	2.14	1.83	85.51%	1.2	56.07%	1				1							
A-15-125	363.63	364.54	0.91	0.74	81.32%	0.13	14.29%												
A-15-125	364.54	366.98	2.44	2.6	106.56%	1.5	61.48%												
A-15-125	366.98	369.11	2.13	1.88	88.26%	1.17	54.93%												
A-15-125	369.11	373.08	3.97	3.47	87.41%	1.28	32.24%	1				1							
A-15-125	373.08	374.29	1.21	1.13	93.39%	0.76	62.81%												
A-15-125	374.29	377.34	3.05	2.96	97.05%	1.78	58.36%												
A-15-125	377.34	380.39	3.05	2.9	95.08%	1.97	64.59%	38	36	1	1			4	4				
A-15-125	380.39	383.44	3.05	2.91	95.41%	1.65	54.10%	8	6	1	1			1	1				
A-15-125	383.44	386.49	3.05	2.98	97.70%	2.49	81.64%												
A-15-125	386.49	389.53	3.04	2.91	95.72%	2.27	74.67%	2				1	1						
A-15-125	389.53	392.58	3.05	3.21	105.25%	2.74	89.84%	2	2										
A-15-125	392.58	395.63	3.05	2.96	97.05%	2.3	75.41%	18	17	1				1	1				
A-15-125	395.63	397.76	2.13	2.09	98.12%	1.76	82.63%												
A-15-125	397.76	400.20	2.44	2.34	95.90%	0.9	36.89%	17	14	2									
A-15-125	400.20	402.34	2.14	1.89	88.32%	1.04	48.60%	7	7										
A-15-125	402.34	403.56	1.22	1.44	118.03%	0.62	50.82%												
A-15-125	403.56	405.99	2.43	2.33	95.88%	0.94	38.68%												
A-15-125	405.99	407.52	1.53	1.58	103.27%	1.2	78.43%												
A-15-125	407.52	409.35	1.83	1.6	87.43%	0.85	46.45%												
A-15-125	409.35	410.87	1.52	1.55	101.97%	0.55	36.18%	3	3										
A-15-125	410.87	412.70	1.83	1.5	81.97%	0.15	8.20%												
A-15-125	412.70	414.22	1.52	1.28	84.21%	0.25	16.45%												
A-15-125	414.22	416.05	1.83	1.66	90.71%	0.46	25.14%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-125	416.05	417.58	1.53	1.45	94.77%	0.83	54.25%							6	1	5			
A-15-125	417.58	420.01	2.43	2.28	93.83%	1.57	64.61%							8	5	2	1		
A-15-125	420.01	422.45	2.44	2.21	90.57%	1.4	57.38%							5		5			
A-15-125	422.45	424.59	2.14	2.59	121.03%	1.93	90.19%							12	8	1	3		
A-15-125	424.59	426.11	1.52	1.4	92.11%	1.26	82.89%							6	2	2	2		
A-15-125	426.11	429.16	3.05	2.69	88.20%	2.03	66.56%							5	4	1			
A-15-125	429.16	432.21	3.05	2.84	93.11%	0.97	31.80%							7	7				
A-15-125	432.21	435.25	3.04	2.54	83.55%	1.66	54.61%							25	20	4	1		
A-15-125	435.25	436.47	1.22	1.16	95.08%	0.6	49.18%							9	8	1			
A-15-125	436.47	437.08	0.61	1.23	201.64%	0.26	42.62%												
A-15-125	437.08	438.91	1.83	1.56	85.25%	0.77	42.08%							9	9				
A-15-125	438.91	441.96	3.05	2.91	95.41%	1.82	59.67%	1	1					17	16	1			
A-15-125	441.96	442.87	0.91	0.85	93.41%	0.47	51.65%												
A-15-125	442.87	443.48	0.61	0.73	119.67%	0.54	88.52%												
A-15-125	443.48	446.53	3.05	2.78	91.15%	1.54	50.49%	1		1									
A-15-125	446.53	449.58	3.05	2.96	97.05%	2.96	97.05%												
A-15-125	449.58	452.63	3.05	3.06	100.33%	3.04	99.67%												
A-15-125	452.63	455.68	3.05	3.07	100.66%	3.02	99.02%												
A-15-125	455.68	458.72	3.04	2.81	92.43%	2.73	89.80%												
A-15-125	458.72	461.77	3.05	3.08	100.98%	3.08	100.98%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

TSX-V:CZX
CANADA ZINC
METALS CORP.

Akie Property

Drill Hole # A-15-126

Date	August 4th, 2015	Logger	Scott Dowler/P.McLaughlin (below 650m)

Collar Orientation

Proposed	
Azimuth	30
Dip	-80
Length (m)	730

Actual	
Azimuth	30
Dip	-81
Length (m)	814.43

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360161
Easting (m)	388557
Elevation (m)	1484
Grid Section	32755

Surveyed Collar Location

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

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ and NQ (from 435.25)
Date Started	August 4th, 2015
Date Completed	August 16th, 2015
Capped	Yes
Casing	4.57m (left in hole)
Drilled Units	Imperial converted to metric

Hole Objective: This hole is designed as an infill hole intended to intersect high grade mineralization down-dip of A-15-125 and A-07-50. Using Pad 30.

Comments: The magnetic declination for 2015 is 19.3 deg East. Core size was reduced from HQ to NQ at 435.25m.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
46.34	22.9	-81.5
61.58	23.0	-81.5
107.00	19.5	-81.1
153.04	20.9	-80.9
198.78	19.1	-80.8
220.12	18.5	-81.0
265.85	19.1	-80.6
311.58	19.7	-80.8
357.31	19.0	-80.8
398.68	20.9	-81.0
402.95	19.4	-80.9
418.19	21.2	-80.9
430.38	21.2	-80.4
448.67	19.9	-80.3
466.95	17.3	-80.2
466.95	15.9	-80.7
466.95	15.9	-80.7
466.95	15.0	-80.4
512.67	3.6	-79.1
512.67	4.6	-79.1
552.30	3.5	-78.1
613.27	5.0	-76.2
613.27	3.4	-76.3
662.03	4.8	-75.2
707.75	7.3	-73.1
753.47	8.0	-72.6
799.20	9.3	-71.6

Hole Summary: The uppermost sections of the Gunsteel formationational rocks are strong to intensely faulted to a depth nearly 100m. Typical rocks in the upper sections of the footwall rocks consist of thickly bedded massive, fragmental and baritic shales and thin scattered beds of very siliceous chert horizons. A series variably thick bedded distal facies pyrite/nodular barite mineralisation occurs from 449.22-622.97m. Thickly bedded proximal facies style pyrite mineralisation (4MPSH) begins from 695.40m to a depth of 716.51m. One distinct weak to moderately developed Cardiac Creek zone (4CC) occurs from 728.47-741.65m (13.18m) and is composed of roughly 40% bedded sulphide mineralisation. Clast/fragment concentrations within this zone amount to 35. The footwall rocks consists of a thick interval of 4LPSH immediately below the main zone to a depth of 687.06m. Paul River formation rocks occur from 762.7-803.48m and consists of predominantly interbedded sections of high energy clastic debris flows and silty shales. Calcareous siltstones of the Road River Group begin at a depth of 803.48 and the hole was finished at final depth of 814.43m.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-126	0.00	4.57	4.57	Casing	Casing	CS		CS
A-15-126	4.57	46.13	41.56	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant, disseminated, brassy pyrite. Core is very broken-up and poker chip. Red-orange limonite is common on cleavage and fracture planes to approximately 21m. Dominant cleavage is at 25-30 deg TCA. Possible Akie transition zone (3TS) from 4.57m to 10.5m -> moderately hard shale, scratches black. There are a few pyritic, silt beds throughout. From 31.5-36.7m is an interval contianing pyritic, quartz carb blebs/ discontinuous veins/ fragments. Occasional blebs of quartz are found throughout.	4SH		GSF
A-15-126	46.13	58.54	12.41	Fine grained, nodular barite beds at low angle to core axis	Fine grained (1-2mm) sized, off-white, pyritic nodular barite rich beds interbedded with black, very fine grained, siliceous mudstone. Nodular barite beds are oriented at 0-20 deg TCA, which parallels the dominant cleavage. Due to the low angle nature of the nodular barite it is difficult to accurately define a true thickness of the beds, but a good estimate is 5-15cm true thickness. interbedded by similarly thick beds of mudstone. There are rare, large (30-50cm) wide concretions throughout. Core is highly, fissile and fracturing along cleavage planes that are sub-parallel TCA. At 49.85m is a small, 3cm wide, very hard, grey chert bed with irregular contacts.	4BSH		GSF
A-15-126	58.54	67.68	9.14	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant, disseminated, brassy pyrite. Core is very broken-up and poker chip. There is evidence of minor faulting with rubble, gouge and polished fracture planes in places. Dominant cleavage is at 0-20 deg TCA	4SH		GSF
A-15-126	67.68	84.32	16.64	Fine grained, nodular barite beds at low angle to core axis	Fine grained (1-2mm) sized, off-white, pyritic nodular barite rich beds interbedded with black, very fine grained, siliceous mudstone. Nodular barite beds are oriented at 10-15 deg TCA, which parallels the dominant cleavage. Due to the low angle nature of the nodular barite it is difficult to accurately define a true thickness of the beds, but a good estimate is 5-15cm true thickness. interbedded by similarly thick beds of mudstone. There are rare pyritic, silt beds scattered throughout. There are rare, concretions throughout. One concretion at 72.28m is7cm long and has been stretched parallel to cleavage at 15 deg TCA . At 78.8m is vuggy, yellow carbonate on a few fracture planes. At 73.5m and 81.5m are veins of carbonate-pyrobitumen (?) cutting nodular barite beds. Core is highly fissile, but slightly more competent than previous intervals.	4BSH		GSF
A-15-126	84.32	126.57	42.25	Mudstone supported, fragmental debris flow	Black, siliceous, very fine grained mudstone interbedded with pulses of mudstone supported debris flow composed of 0.1 - 15cm wide, sub-angular to sub-rounded, fragments of limestone, siltstone, black mudstone, pyritic siltstone, and quartz-carbonate vein. Fragments are generally sub-cm to 3cm in size. Quartz and carbonate fragments are the most angular fragments. Mudstone fragments are sub-rounded. The rare limestone fragments are sub-rounded to well-rounded. Cobble sized bioclastic limestone fragments are common in the final 2m of this interval--> weak grading, fining up? There are rare, disrupted, pyritic silt beds throughout the interval. From 93.8-97.65m the rock is softer than typical gunsteel and is within a debris flow pulse. Debris flow is constant throughout the interval, until the bottom 10m. This is likely because the drill is crossing bedding parallel flow pulses at a steeper angle than the beggining of the interval. At 111.9m is a 35cm wide section of core where there is a fragment containing .1-.5cm wide, angular fragments of quartz-carbonate-pyrite within it--> brecciated cataclastite. Shale interbeds increase in thickness and frequency downhole.	4FSH		GSF
					From approximately 112-118.5m drilling intersected fault material, veining and cleavage drastically changed. There is also core that is breaking in a sharp fold (orientation unknown)- INTERP: drilling through a fold hinge			
A-15-126	126.57	131.86	5.29	Black, siliceous mudstone with weak nodular barite and beds of highly concentrated concretions	Black, siliceous, very fine grained mudstone, containing abundant very fine grained, disseminated pyrite. Planar, pyritic siltstone laminations and beds occur frequently throughout this interval. Weak, fine grained, 1-2mm sized, off white, pyritic nodular barite beds occur sporadically throughout the interval. These bedscontaining nodular barite are 1-15cm wide, oriented at 45-50 deg TCA, and barite make up a total of 0.5% of the interval. From 129.32-129.54m is a bed containing >75, sub-cm sized, round, grey concretions intermixed with fine grained, brassy, cubic pyrite. From 131.68 - 131.79m is another bed containing >75, 0.1-0.4cm wide, ovular concretions. Core is competent and well cleaved at 30-50 deg TCA.	4SH	4BSH	GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
	131.86	153.96	22.10	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone, containing abundant, very fine grained, disseminated pyrite. Planar, pyritic silt beds, varying from .1 - 10cm thick are common throughout the interval. On average 6-10 sub-cm wide beds occur per meter over the first 10m and becoming more sparse beyond. Possible fining downhole in some beds? From 139.35-139.47m is another bed of sub-cm concretions totalling approximately 20. From 154.65 - 154.85m is a chert bed, oriented at 30 deg TCA and containing beds of medium grained pyrite and fracture infill quartz-carbonate veining. Within a faulted section of this interval at 156.2m is a 20cm wide, low angle nodular barite bed.	4SH		GSF
	153.96	154.70	0.74	Chert	Grey, very hard, very fine grained chert containing beds of medium grained pyrite and fracture infill quartz-carbonate veining. The upper and lower contacts are oriented at 30 deg TCA. There is a 20cm wide zone in the middle of the chert that is fault composed of gouge and rubble.	4CSH		GSF
	154.70	167.69	12.99	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone, containing abundant, very fine grained, disseminated pyrite. Planar, pyritic silt beds, varying from .1 - 1cm thick are scattered throughout the interval. Within a faulted section of this interval at 156.2m is a 20cm wide, low angle nodular barite bed.	4SH		GSF
A-15-126	167.69	172.16	4.47	Weak nodular barite beds	Black, siliceous, very fine grained mudstone containing abundant very fine grained, disseminated pyrite interbedded with beds composed of fine grained, 1-2mm sized, off-white, nodular barite. Mineralised beds are 1-10cm thick, are oriented at 15-40 deg TCA, and barite makes up <1% of the interval. There are rare 1-3cm wide chert beds scattered throughout the interval.	4BSH		GSF
A-15-126	172.16	180.00	7.84	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant, very fine grained, disseminated pyrite. Pyritic silt beds are common, scattered throughout the interval. Core is rubbly to block and cleaved at 25-30 deg TCA.	4SH		GSF
A-15-126	180.00	195.28	15.28	Nodular barite beds	Black, siliceous, very fine grained mudstone containing abundant, very fine grained, disseminated pyrite interbedded with beds of fine-medium grained, 1-4mm wide, off-white, pyritic nodular barite +/- trace pyrite laminations in beds that are 1-5cm wide. Nodular barite beds are at highly variable angles TCA throughout the interval. There are numerous, granular, round - deformed concretions throughout the interval and they vary in size from 1 - 70cm wide. There are a few narrow, 10-40cm wide intervals of debris flow containing fine grained clasts of siltstone and mudstone, as well as 3-5cm wide clasts of limestone. Four pulses of debris flow occur over this entire interval. There is one small quartz-carbonate vein at 183.89m that contained honey coloured sphalerite, and one vein at 192.9m that contained pyrobitumen (?). The lower contact is faulted.	4BSH	4FSH	GSF
A-15-126	195.28	263.10	67.82	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, disseminated pyrite. The mudstone is essentially featureless to 233m, with extremely rare silt laminations in that interval. There are also rare 50-70cm wide, bedded concretions in the interval. From 233m to the end of the interval pyritic silt beds become more frequent. There is one narrow, nodular barite bed at 238.7m. There are a few sporadic, sub-meter sized intervals with oblong, lenticular, brassy pyrite blebs. Core is generally competent and well cleaved at 15-35 degrees TCA. The upper 12m of this interval are part of a large fault zone.	4SH		GSF
A-15-126	263.10	305.23	42.13	Black, siliceous mudstone with narrow, brassy pyrite laminations.	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. A distinctive feature of this mudstone is the frequently occurring, convoluted beds of fine grained, brassy pyrite, present in 0.1 - 0.5cm wide laminations/ beds, scattered throughout the mudstone. They appear to flip from regular bedding orientation between 275-279m, becoming dominantly oriented at 130-150 deg TCA. They are different from our 4PYSH unit in that they are coarser grained, brassy, and void of nodular barite. Core is generally competent, but there is a very weak dominant cleavage, making core orientation difficult in highly fractured zones (ex 291 - 300m). Very weak nodular barite occurs from 293.3-300.5m, with four beds occurring over 7m.	4SH		GSF
A-15-126	305.23	320.98	15.75	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. Occasional 20-30cm wide zones of disseminated, medium grained, cubic, brassy pyrite. From 320.59-320.88m is an odd breccia containing angular mudstone and laminar pyrite clasts supported by a matrix of pyritic, nodular barite rich mudstone. Core is competent. A dominant cleavage is not evident until 315m and it is 18-38 deg TCA.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-126	320.98	339.38	18.40	Black, siliceous mudstone with narrow, brassy pyrite laminations.	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. Throughout this interval there are frequent convoluted laminations of fine grained, brassy pyrite. There are a few 50-60cm wide, septarian concretions over the interval. Core is competent and well cleaved at 20-25 deg TCA. From 338.05 - 339.38m is a zone of moderate to strong silicification and abundant quartz-carbonate veining.	4SH		GSF
A-15-126	339.38	341.94	2.56	Chert	Grey, very hard, very fine grained chert that is pitted by the drilled and fractures conchoidally. There is abundant, fracture infill quartz - carbonate veining that contains trace, honey brown sphalerite. At 340.1 is a 17cm wide, bedded concretion. The upper contact is irregular and sharp at 35 deg TCA. It is in contact with a 10cm wide white quartz-carb vein that contains sphalerite and angular chert + mudstone clasts.	4CSH		GSF
A-15-126	341.94	382.48	40.54	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. There are a few brassy, fine grained, convoluted pyrite laminations in this interval. Low angle (0-20 deg TCA) quartz-carbonate-pyrite +/- sphalerite fracture infill veining is common to 349m. There are a few 50-60cm wide, septarian concretions over the interval. Core is competent. Sweet dick in the core today. Gil's wisdom of the day while operating the dymo gun and ensuring the letters don't overprint on each other "you should squeeze hard and go slow..." Yup.	4SH		GSF
A-15-126	382.48	408.96	26.48	Black, siliceous mudstone with narrow, brassy pyrite laminations.	More black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. Throughout this interval there are frequent planar (contrary to up hole) laminations of very fine - fine grained, brassy pyrite (very similar to 4PYSH but not no barite). There are a few 50-60cm wide, septarian concretions over the interval. There are occasional pyritic silt beds over the length of the interval. There are sporadic, 20-50cm wide intervals that have numerous oblong, bedding parrallel, 5-10cm long, pyritic, silt(?) lenses. From 407.49-407.7m is a small chert bed with irregular contacts. Core is competent and well cleaved at 15-25 deg TCA.	4SH		GSF
A-15-126	408.96	449.22	40.26	Black, siliceous mudstone with rare laminar pyrite/ nodular barite beds	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. There are rare intervals of distal mineralization characterized by dull brown, very fine grained pyrite laminations interlaminated with fine grained, off white, pyritic, nodular barite. These mineralized beds are 1-10cm true width and oriented at 13-20 deg TCA. They increase slightly in frequency towards the bottom of the interval. Concretions decrease in size and increase in frequency to the bottom of the interval. Throughout this interval there are few planar laminations of very fine - fine grained, brassy pyrite (very similar to 4PYSH but not no barite). There are occasional pyritic silt beds over the length of the interval. There are sporadic, 20-50cm wide intervals that have numerous oblong, bedding parrallel, 5-10cm long, pyritic, silt(?) lenses. Core is competent and well cleaved at 15-25 deg TCA. Veining becomes core axis parallel by the bottom of the interval.	4SH	4PYSH	GSF
A-15-126	449.22	458.95	9.73	Black, siliceous mudstone interbedded with laminar pyrite and nodular barite	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite interbedded with low angle to strongly folded beds of very fine grained, dull brown laminar pyrite, and fine grained, 1-3mm sized, off-white, pyritic nodular barite. Laminar pyrite/ nodular barite beds vary in thickness from 1-10cm thick and have a highly variable orientation due to abundant folding. Concretions occur frequently throughout the interval. There are numerous large 3-10+cm wide concretions throughout. Within the mudstone interbeds there are sections of core that have 100+ sub-cm sized concretions(?) (previously thought to be a dine grained debris flow pulse?) that appear mostly round, with pyritic margins and tiny, often rotated, carbonate filled pressure shadows. It would be worthwhile to check the corresponding holes up section to see if they are in fact concretions as well. Core is competent and the dominant cleavage is 13-20 deg TCA. The upper contact is with 2.5m thick zone of dominantly quart-carbonate +/- pyrite brecciated mudstone. The lower contact is arbitrary, but was chosen to be the last of the concretions. Pyrite ends at 455.4m.	4PYSH		GSF
A-15-126	458.95	480.50	21.55	Silty, black, siliceous mudstone	Black, siliceous, very fine grained mudstone with regularly occuring, mm thick, grey silty beds.There is very fine grained, brassy, disseminated pyrite throughout the interval. Core is competent and bedding changes a lot over the interval. From 471.76-478.54 there is abundant white quartz-carbonate veining. The upper contact is the the end of the concretions. The lower contact is transitional.	4SH	4SS	GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-126	480.50	563.90	83.40	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing very fine grained, brassy, disseminated pyrite. Occasional, 10-30cm wide beds of carbonaceous, pyritic siltstone. There is pretty much nothing going on in this rock.... Nothing. Except concretions begin to pick up in frequency downhole. Shear textures are present down the hole. Rare convoluted, pyritic, nodular barite.	4SH		GSF
A-15-126	563.90	585.41	21.51	Mudstone supported, fragmental debris flow	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite interbedded with gunsteel shale supported, matrix dominated, clastic debris flow. Clasts observed are sub-rounded to sub-angular, 0.1-5cm sized, generally pyritic and often carbonaceuos (rare 5cm+ sized clasts). They are composed of siltstone, quatz-carb vein material, rare limestone (?) and possible pyritic nodualar barite?? There is no grading or imbrication observed. Debris flow pulses are 5-100cm thick and seperated by mudstone intervals that are 10-100cm thick. There are a few fragmented, pyritic concretions within the mudstone interbeds. Core is competent and cleaved at 15-35 deg TCA.	4FSH		GSF
A-15-126	585.41	622.97	37.56	Laminar pyrite and nodular barite beds interbedded with black, siliceous mudstone	Very fine grained, dull brown, laminar pyrite interbedded/ interlaminated with fine grained, 1-5mm wide, off-white, pyritic nodular barite. Mineralised beds have a highly variable orientation throughout the interval, exhibiting numerous folds, and beds vary in thickness from 1-20cm thick. Pyrite is present in a ratio of 3:1 to barite. Mineralised beds are interbedded with 1-120cm wide intervals of black, siliceous mudstone. Concretions are semi-frequent and scattered throughout the interval, varying in size from sub-cm to 30cm wide. The upper contact is gradational with distal mineralisation intermixed with the preceeding fragmental unit for the initial 80cm. Minerialization gradually decreases in frequency downhole. Core is competent and cleaved at 15-40 deg TCA.	4PYSH		GSF
A-15-126	622.97	649.22	26.25	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. There are occasional pyritic silt beds and occasional clusters of pyritic nodular barite. There are a few intervals of core that contain abundant oblong, 2-7mm wide clusters of brassy pyrite lenses. Scattered narrow beds of pyritic silt. Core is competent and cleaved at 15-35 deg TCA. From 645.53-649.6m is a healed fault zone with quartz-carbonate flooding/ stockwork and silicification. From 649.22-649.6m are a few narrow bands of proximal pyrite mineralization.	4SH		GSF
A-15-126	649.22	649.60	0.38	Weak, beginning to proximal minerailsation	A small interval of 3-5cm thick beds of very fine grained, dull brown, laminar pyrite and minor fine grained, 1mm sized, off-white, pyritic, nodular barite.	4MPSH		GSF
A-15-126	649.60	650.30	0.7	Cherty shale	Grey, microcrystalline, very hard chert fragments intermixed with black, very hard, very fine grained shale. The entire interval hosts abundant fracture infill quartz-carbonate stringers and exhibits pitting from the drill. The upper contact is sharp, irregular and riented at 40 deg TCA. It is bounded by a 0.5cm wide grey quartz vein. The lower contact is gradational inton black mudstone.	4CSH		GSF
A-15-126	650.30	651.22	0.92	Siliceous, black mudstone	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyrite. There are a few 0.5-4cm wide, grey, granular, rounded concretions in this interval. The upper contact is gradational with chert/ cherty shale.	4SH		GSF
A-15-126	651.22	674.12	22.96	Thickly bedded, proximal pyrite mineralisation interbedded with black mudstone	Thick beds of dull brown, very fine grained, laminar pyrite and minor fine grained, 1mm sized, off-white, pyritic nodular barite +/- grey, very fine grained sphalerite bands +/- very fine grained, blue grey, disseminated galena. Proximal mineralisation is interbedded with 1-80cm thick black, siliceous mudstone beds. Mineralised beds are planar, vary from 2-50cm thick and are oriented at 55-85 deg TCA, making up 50% of the interval. Visual estimates of mineralisation suggest pyrite accounts for 42%, barite 4%, sphalerite 3% and galena 1% of the entire interval. Associated within the mineralized beds are 1-12cm wide, rounded, irregular-framboidal looking, grey, bedded concretions. Grey sphalerite +/- galena mineralization gradually increases in frequency downhole.	4MPSH		GSF
A-15-126	674.12	695.40	21.28	Siliceous, black mudstone interbed	Black, siliceous, very fine grained mudstone containing abundant very fine grained, brassy, disseminated pyritel. The upper contact is gradational with chert/ cherty shale. Generally featureless with no concretion concentrations. Cleavage appears to go through a reversal (see structure tab).	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-126	695.40	698.91	3.51	Thickly bedded proximal pyrite with abundant grey sphalerite laminations interbedded with black shale	Thick beds of dull brown, very fine grained, laminar pyrite, abundant finely laminated grey sphalerite and minor fine grained, 1mm sized, off-white, pyritic nodular barite. This unit is very similar to the underling proximal mineralization however the banding is consistently more grey and less mottled than mineralization characteristic of the Cardiac Creek Zone. Mineralisation is interbedded with 1-40cm thick black, siliceous mudstone beds. Mineralised beds are planar, vary from 2-50cm thick and are oriented at 10-20° TCA, making up 50-60% of the interval. Visual estimates of mineralisation suggest pyrite accounts for 35%, sphalerite 15-20% and barite5-7%.	4MPSH	4CC	GSF
A-15-126	698.91	716.51	17.60	Thickly bedded, proximal pyrite mineralisation interbedded with black mudstone	Thick beds of dull brown, very fine grained, laminar pyrite and minor fine grained, 1mm sized, off-white, pyritic nodular barite +/- grey, very fine grained sphalerite bands +/- very fine grained, blue grey, disseminated galena. Proximal mineralisation is interbedded with 1-80cm thick black, siliceous mudstone beds. Mineralised beds are predominantly planar, vary from 2-50cm thick and are oriented at 20-55 deg TCA, making up 50% of the interval. Slight local folding @709m. Visual estimates of mineralisation suggest pyrite accounts for 42%, barite 4%, sphalerite 3% and galena 1% of the entire interval. Associated within the mineralized beds are 1-12cm wide, rounded, irregular-framboidal looking, grey, bedded concretions. Grey sphalerite +/- galena mineralization increases slightly downhole and very last sulphide bed at base of unit could be characterized as 4CC.	4MPSH		GSF
A-15-126	716.51	728.47	11.96	Siliceous, black mudstone interbed	Black, very fine, siliceous and generally feautreless mudstone. Very localized grey carbonate and silty lamination indicating bedding oriented at approximately 45-55° tca. Very finely disseminated brassy yellow pyrite. <10 scattered up to 5cm thick rounded concretions. 2% mm scale quartz-carbonate veining.	4SH		GSF
A-15-126	728.47	741.65	13.18	WeaK to moderatrely developed Cardiac Creek mineralisation containing 40% sulphide bedding	Weak to locally moderately mineralised Cardiac Creek horizon. Sulphide bearing beds range in thickness from <1-60cm thick and comprise approximately 40% of the interval. Bedding orientations are consistent throughout and range 35-55°TCA and seperated by black mudstone beds that vary in thickness from 1-100cm. Mineralisation is dominantly very fine, finely laminated to bedded dull brown pyrite with lesser amounts of finely banded, grey - cream colored, sphalerite mineralisation. Mineralised bands are generally planar, though occasionally they are micro-folded and disrupted particularly around fragments and in higer grade sections. Fragments in this interval are 1-5cm wide, light - medium grey coloured, well-bedded, and sub-rounded, internally fragmented. Fragments are framboidal or agglomerations of singular fragments (concr?). Unit contains approximately 5-7% mm scale nodular barite. Nodular barite concentration in strongest in pyritic beds and lesser developed in sphalerite rich bands.	4CC	4MPSH	GSF
A-15-126	741.65	762.70	21.05	Black siliceous shale interlaminated with pyrite and intense mm-scale concretions	Black to dark grey, very fine siliceous Gunsteel shale interlaminated with abundant dull brown to yellow brown very fine pyrite. Pyrite concentration is approximately 25-30% Present within thicker laminations of pyrite are potentially very fine gray metallic laminations of Sphalerite (?) . Strong to intense concentrations of sub cm scale concretions associated within sections of well laminated sulphides. thicker mudstone interbeds contain coarse round grey concretions up to 4cm. Bedding and cleavage planes are near parallel and consistently range from 35-45° tca. Although pyrite concentration can be locally high there is no thick bed devleopment.	4LPSH		GSF
A-15-126	762.70	768.03	5.33	Debris flow with nearly 60% limestone fragments within a black mudstone and finely laminated dull brown pyrite matrix.	A high energy debris flow contains nearly 65% up to 5cm calcareous limestones fragments. Fragments are laminated in places. Matrix is a very fine black mudstone interlaminated with scattered grey silt and about 10% dull brown laminated pyrite. Dull brown finely laminated pyrite is likely syndepositional and not overprinting.	5BXLS		PRF
A-15-126	768.03	772.75	4.72	Black mudstone with intense fine to coarse nodular and laminated barite.	Barite occcurs >50% of interval occurring as fine to predominantly coarse nodular and laminated grey to white grey barite. Barite is internedded with black mudstone and scattered cm scale concretions and framboidal concretions. Not mineralized. Bedding and cleavage are consistent and range from 40-45°tca. Gradual lower contact to underlying 5SS.	5LBSH		PRF
A-15-126	772.75	781.39	8.64	Well bedded black mudstone with cyclical fine silty laminations	Thickly bedded, very fine black siliceous mudstone interlaminated with 5-10% scattered mm scale grey silty and brassy yellow pyrite laminations. Scattered 5-10cm intervals containing larger framboidal concentrations of concretions. Bedding is consistent and ranges from 40-45°tca. Cleavage planes have two dominant directions that is either near parallel tca or at a high angle (approx 120° tca).	5SS		PRF
A-15-126	781.39	782.21	0.82	Matrix supported debris with predominantly elongate silty fragments.	Different than above. Unit is a black, very fine siliceous mudstone matrxi supported debris flow contains 40% elongate grey to dark grey silty clasts. Silty fragments are up to 8cm wide and are internally laminated and calcareous. 3-5% disseminated brassy yellow brown pyrite within matrix. Bedding ranges from 35-45°tca.	5BXLS		PRF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-126	782.21	783.26	1.05	Well bedded black mudstone with cyclical fine silty laminations	Thickly bedded, very fine black siliceous mudstone interlaminated with 5-10% scattered mm scale grey silty and brassy yellow pyrite laminations. Scattered 5-10cm intervals containing larger framboidal concentrations of concretions. Bedding is consistent and ranges from 30-45°tca. Cleavage is near parallel to bedding.	5SS		PRF
A-15-126	783.26	783.56	0.30	Thin interval of matrix supported debris with predominantly elongate silty fragments.	Unit is a black, very fine siliceous mudstone matrix supported debris flow contains 40% elongate grey to dark grey silty clasts. Silty fragments are up to 8cm wide and are internally laminated and calcareous. 3-5% disseminated brassy yellow brown pyrite within matrix. Bedding ranges from 35-45°tca.	5BXLS		PRF
A-15-126	783.56	784.92	1.36	Well bedded black mudstone with cyclical fine silty laminations	Thickly bedded, very fine black siliceous mudstone interlaminated with 5-10% scattered mm scale grey silty and brassy yellow pyrite laminations. Scattered 5-10cm intervals containing larger framboidal concentrations of concretions. Bedding is consistent and ranges from 40-45°tca. Cleavage is near parallel to bedding.	5SS		PRF
A-15-126	784.92	785.38	0.46	Thin interval of matrix supported debris with predominantly elongate silty fragments.	Unit is a black, very fine siliceous mudstone matrix supported debris flow contains 40% elongate grey to dark grey silty clasts. Silty fragments are up to 8cm wide and are internally laminated and calcareous. 3-5% disseminated brassy yellow brown pyrite within matrix.	5BXLS		PRF
A-15-126	785.38	786.18	0.80	Well bedded black mudstone with cyclical fine silty laminations	Thickly bedded, very fine black siliceous mudstone interlaminated with 5-10% scattered mm scale grey silty and brassy yellow pyrite laminations. Scattered 5-10cm intervals containing larger framboidal concentrations of concretions. Bedding is consistent and ranges from 30-45°tca. Cleavage is near parallel to bedding.	5SS		PRF
A-15-126	786.18	786.41	0.23	Thin interval of matrix supported debris with predominantly elongate silty fragments.	Unit is a black, very fine siliceous mudstone matrix supported debris flow contains 40% elongate grey to dark grey silty clasts. Silty fragments are up to 8cm wide and are internally laminated and calcareous. 3-5% disseminated brassy yellow brown pyrite within matrix.	5BXLS		PRF
A-15-126	786.41	789.73	3.32	Well bedded black mudstone with cyclical fine silty laminations	Thickly bedded, very fine black siliceous mudstone interlaminated with 5-10% scattered mm scale grey silty and brassy yellow pyrite laminations. Scattered 5-10cm intervals containing larger framboidal concentrations of concretions. Bedding is consistent and ranges from 25-40°tca. Cleavage is near parallel to bedding.	5SS		PRF
A-15-126	789.73	803.48	13.75	Thick, high energy debris flow containing grey siltstone, limestone and fossiliferous limestone clasts	Unit is a black, very fine siliceous mudstone mainly matrix supported and locally clast supported debris flow containing highly irregular, angular to sub rounded fragments of laminated siltstone, grey to white grey limetones and grey subrounded fossiliferous limestone. Siltsonte clasts are often highly elongate, fossiliferous limstones fragments are sub to well rounded. 3-5% disseminated brassy yellow brown pyrite within matrix. Pyrobitumen is observed throughout within later stage quartz filled fractures and microfractures within fragments. 5% finely disseminated brassy yellow pyrite within matrix. Unit contains scattered very thin intervals of mudstone beds with thin silty laminations (5SS). A 15 and 35cm calcareous grey concretion occurs from 796.19-796.71m.	5BXLS	5SS	PRF
A-15-126	803.48	814.43	10.95	Clacareous Silurian siltstone.	Light grey to grey, fine grained siltstone with irregular bedding and highly dirupted carbonate alteration. Siltstone contains a minor amount of fine grained, disseminate pyrite. Bedding is irregular (noted in structure tab). No footwal alteration. Slight muddy intervals.	6CSS		RRG
	814.43	**EOH**						

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-15-126	338.05	339.38	1.33	moderate to strong silicification of mudstone associated with quartz-carbonate veining (weak brecciation) proximal to the upper contact of a chert bed	SIL	MOD
A-15-126	341.94	342.3	0.36	moderate to strong silicification of mudstone associated with quartz-carbonate veining (weak brecciation) proximal to the lower contact of a chert bed	SIL	MOD
A-15-126	649.6	650.3	0.7	strong silicifcation of mudstone proximal to a small chert bed and containing abundant fracture infill quartz-carbonate stringers	SIL	STR

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-126	46.13	58.54	12.41	Fine grained, off white nodular barite in 5-15cm thick beds. Barite generally has a pyritic core. Beds are at 8-15 deg TCA	1			3		
A-15-126	67.68	84.32	16.64	Fine grained, off white nodular barite in 5-15cm thick beds. Barite generally has a pyritic core. Beds are at 8-15 deg TCA	1			3		
A-15-126	127.75	131.86	4.11	Fine grained, off white nodular barite in 1-15cm thick beds. Barite generally has a pyritic core. Beds are at 45-50 deg TCA	0.25			0.5		
A-15-126	167.69	172.16	4.47	Fine grained, off white nodular barite in 1-10cm thick beds. Barite generally has a pyritic core. Beds are at 45-50 deg TCA	0.4			0.8		
A-15-126	180	195.28	15.28	Fine grained, off white nodular barite in 1-5cm thick beds. Barite generally has a pyritic core. Beds are at variable angles TCA	0.25			0.5		
A-15-126	408.96	449.22	40.26	Distal mineralization characterised by very fine grained, dull brown laminar pyrite interbedded with weak fine grained (1-2mm sized), off-white, pyritic nodular barite	0.1			0.05		
A-15-126	449.22	458.95	9.73	Distal mineralization characterised by well folded to low angle beds of very fine grained, dull brown laminar pyrite interbedded with fine grained (1-2mm sized), off-white, pyritic nodular barite. Concretions are frequent throughout.	1.5			0.5		
A-15-126	585.41	622.97	37.56	Distal mineralization characterised by very fine grained, dull brown laminar pyrite interbedded with weak fine grained (1-2mm sized), off-white, pyritic nodular barite. Mineralised beds are 1-20cm wide and have a highly variable orientation. Concretions of varying size are scattered throughout the interval	19			6		
A-15-126	651.22	674.12	22.9	Proximal pyrite mineralization characterized by thick beds of dull brown to brown finely bedded and laminar pyrite. Contains up to 7% fine nodular barite locally. Mineralized beds vary and are up 30cm thick.	42	3	1	4		
A-15-126	695.4	698.91	3.51	Proximal pyrite mineralization with elevatet concentration of grey sphalerite laminations. Mineralization lacks the mottling of high grade minerilzation however sphalerite can be >20%(?)	40	15		7		
A-15-126	698.91	716.51	17.6	Less mineralization than above. Typical thickly bedded proximal pyrite mineralization. Predominantly pyrite and barite with lesser sphalerite.	45	5		10		
A-15-126	728.47	741.65	13.18	Weakly to moderately developed Cardiac Creek mineralization. The main mineralised section for this drill hole.	27	7	tr	7		
A-15-126	741.65	762.7	21.05	Black mudstone interlaminated with abindant fine laminations of dull brown pyrite. There are sections with well developed laminations however there are distinct breaks in laminations won't lead to bed development.	20	2		3		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-126	41.64	48.48	6.84	fracture infill, randomly oriented, white, quartz carbonate stringers and veinlets.	3	
A-15-126	48.48	48.68	0.2	A shear vein at 48.48-48.68m with both angular and ductile deformed mudstone clasts	50	15
A-15-126	73.48	73.5	0.02	pyrobitumen (60%) - carbonate (40%) vein	100	30
A-15-126	81.4	81.68	0.28	pyrobitumen (60%) - carbonate (40%) vein cutting nodular barite bed	20	165
A-15-126	114.53	115.58	1.05	white-grey quartz (50%) - carbonate (50%) veins that are 0.5-10cm wide and generally oriented at 12-20 deg TCA. Minor pyrite	50	15
A-15-126	129.65	129.71	0.06	shear vein with sheets of mudstone that have been plastically deformed (weak)	60	45
A-15-126	153.96	154.7	0.74	fracture infill, randomly oriented, white, quartz carbonate stringers and veinlets within a chert interval	20	
A-15-126	156.4	156.81	0.41	white carbonate (90%) - quartz (10%) veins and veinlets with plastically deformed mudstone and angular fragments. Shear vein	30	15
A-15-126	160.08	160.17	0.09	grey-white quartz - carb vein proximal to fault zone	90	26
A-15-126	167.82	168.03	0.21	grey-white quartz - carb vein proximal to fault zone and containing tiny angular mudstone fragments	35	25
A-15-126	183.89	183.9	0.01	medium grained, honey coloured sphalerite in a narrow quartz-carbonate vein	95	25
A-15-126	184.76	185.12	0.36	Shear vein with sheets of mudstone that have been plastically deformed (weakly) and interfingered with white, 0.1 - 1cm wide, carbonate (95%) - quartz (5%) veins. Within the wider veins there are angular mudstone fragments. The veining cuts through a pulse of debris flow. There is also minor, irregular shaped blobs of dull brown, very fine grained pyrite	20	15
A-15-126	252.45	253.2	0.75	Randomly oriented, white quartz carbonate veining within a small fault zone	20	
A-15-126	260.51	260.65	0.14	white-grey quartz (95%) - carbonate (5%) vein within a small fault zone. It contains a minor amount of mudstone clasts.	95	120
A-15-126	264.74	264.85	0.11	Shear vein composed of mm thick white quartz-carbonate veins and sheets of plastically deformed mudstone	45	60
A-15-126	283	283.42	0.42	Well-developed shear vein composed of mm thick white quartz-carbonate veins and sheets of plastically deformed mudstone. Minor very fine grained pyrite intermixed	40	135
A-15-126	320.62	320.88	0.26	From 320.59-320.88m is an odd breccia/ vein containing angular mudstone and laminar pyrite clasts supported by a matrix of pyritic, nodular barite rich mudstone.	65	90
A-15-126	324.78	324.94	0.16	white-grey quartz (60%) - carbonate (40%) vein containing abundant angular clasts of black mudstone	40	46
A-15-126	337.88	342.36	4.48	Fracture infill, weak crackle brecciation by quartz-carbonate veining proximal to and within a chert interval. Honey brown sphalerite is observed in many stringers. Just above the upper contact is a 10cm wide vein with angular chert fragments within.	15	
A-15-126	342.36	351.8	9.44	low angle, white quartz-carbonate stringers containing trace pyrite and honey brown sphalerite throughout	0.2	5
A-15-126	375.81	375.89	0.08	quartz-carbonate +/- pyrite vein containing angular mudstone clasts	70	15
A-15-126	378.27	378.55	0.28	quartz-carbonate veining in the pressure shadow of a large concretion	10	
A-15-126	421.9	432.2	10.3	A series of generally sub-cm thick, white quartz-carbonate veins/ veinlets oriented at 5-15 deg TCA	0.4	7
A-15-126	442.82	444	1.18	Core axis parellel grey-white quartz (60%)-carbonate (40%) vein	0.1	0

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-126	445.51	445.93	0.42	Core axis parellel grey-white quartz (70%)-carbonate (30%) vein with angular mudstone clasts scattered within. Quartz appears tobe medium to coarse grained	60	10
A-15-126	446.63	449.22	2.59	A zone of breccia - crackle breccia of dominantly grey quartz (80%) - carbonate (20%) veining and angular clasts of mudstone and laminar pyrite. There is abundant, brassy pyrite within some laminar clasts as well	40	
A-15-126	471.76	478.54	6.78	A zone of concentrated, randomly oriented - flooding of grey-white quartz (70%) - carbonate (30%) - pyrite (.1%) veining that contains a lot of angular mudstone clasts. No set vein orientation	40	
A-15-126	481.9	488.2	6.3	A set of 2-25mm wide white quartz carb veins	0.3	10
A-15-126	512.82	513.04	0.22	Microfractures of a small shear within the mudstone	0.1	15
A-15-126	547.12	548.63	1.51	Low angle, white quartz-carbonate veinlets and veins varying in size from 0.1-2cm thick	20	0
A-15-126	603.06	603.16	0.1	Small shear zone composed of white quartz-carbonate veins and sheeted, plastically deformed mudstone.		
A-15-126	645.87	650.11	4.24	Abundant quartz and lesser carbonate veining and veinlets. Vein occurs immediately above 4MPSH. Veins/veinlets vary in size from sub mm to 3cm. Veining concentration increase towards base of interval.	35	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	8.13	8.14	0.01	cleavage	CLV	30
A-15-126	10.32	10.33	0.01	silt bed	BDG	36
A-15-126	10.44	10.45	0.01	cleavage	CLV	32
A-15-126	15.16	15.17	0.01	cleavage	CLV	25
A-15-126	21.5	21.51	0.01	cleavage	CLV	25
A-15-126	23.06	23.77	0.71	rubble with rounded, polished, graphitic fracture planes, suggesting movement, and of a different characteristic than the surrounding rubbly, fissile rock	FLT	
A-15-126	24.05	24.06	0.01	cleavage	CLV	15
A-15-126	25.84	26.22	0.38	rubble and minor gouge	FLT	
A-15-126	27.05	27.06	0.01	cleavage	CLV	17
A-15-126	29.41	29.42	0.01	cleavage	CLV	21
A-15-126	29.78	29.79	0.01	cleavage	CLV	8
A-15-126	31.44	31.45	0.01	cleavage	CLV	8
A-15-126	33.07	33.08	0.01	pyritic silt bed	BDG	15
A-15-126	33.34	33.35	0.01	cleavage	CLV	11
A-15-126	35.47	35.48	0.01	cleavage	CLV	23
A-15-126	37.92	37.93	0.01	cleavage	CLV	8
A-15-126	38.9	38.91	0.01	cleavage	CLV	18
A-15-126	39.79	39.8	0.01	cleavage	CLV	20
A-15-126	40.43	40.44	0.01	cleavage	CLV	16
A-15-126	43.07	43.08	0.01	cleavage	CLV	14
A-15-126	44.55	44.56	0.01	cleavage	CLV	12
A-15-126	46.66	46.67	0.01	cleavage	CLV	11
A-15-126	46.97	46.98	0.01	nodular barite	BDG	14
A-15-126	47.73	47.74	0.01	nodular barite	BDG	9
A-15-126	49.68	49.69	0.01	cleavage	CLV	10
A-15-126	50.59	50.6	0.01	nodular barite	BDG	5
A-15-126	50.65	50.66	0.01	cleavage	CLV	8
A-15-126	52.32	52.33	0.01	cleavage	CLV	8
A-15-126	54.93	54.94	0.01	nodular barite	BDG	10
A-15-126	55.41	56.16	0.75	rubble and minor gouge	FLT	
A-15-126	56.39	56.4	0.01	cleavage	CLV	8
A-15-126	57.59	57.6	0.01	cleavage	CLV	0
A-15-126	59.13	59.14	0.01	cleavage	CLV	7
A-15-126	60.77	60.78	0.01	cleavage	CLV	2
A-15-126	62.58	62.59	0.01	cleavage	CLV	13
A-15-126	64.05	65.9	1.85	platy rubble and gouge. Many fracture planes are graphitic and polished. Slickenside suggest oblique movement to the SE	FLT	30
A-15-126	65.67	65.68	0.01	cleavage	CLV	14
A-15-126	67.68	67.69	0.01	cleavage	CLV	6
A-15-126	69.1	69.11	0.01	nodular barite	BDG	15
A-15-126	70.55	70.56	0.01	cleavage	CLV	13

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	72.23	72.24	0.01	cleavage	CLV	10
A-15-126	74.34	74.35	0.01	cleavage	CLV	12
A-15-126	75.53	75.54	0.01	nodular barite	BDG	11
A-15-126	77.62	77.63	0.01	cleavage	CLV	10
A-15-126	77.77	77.78	0.01	nodular barite	BDG	10
A-15-126	78.48	78.49	0.01	cleavage	CLV	10
A-15-126	79.44	79.45	0.01	nodular barite	BDG	10
A-15-126	80.5	80.51	0.01	nodular barite	BDG	8
A-15-126	80.84	80.85	0.01	cleavage	CLV	10
A-15-126	81.65	81.66	0.01	nodular barite	BDG	7
A-15-126	84.83	84.84	0.01	cleavage	CLV	7
A-15-126	85.35	85.36	0.01	cleavage	CLV	12
A-15-126	87.96	87.97	0.01	cleavage	CLV	11
A-15-126	90.29	90.3	0.01	cleavage	CLV	10
A-15-126	91.6	91.61	0.01	cleavage	CLV	8
A-15-126	94.41	94.42	0.01	cleavage	CLV	7
A-15-126	96.53	96.54	0.01	cleavage	CLV	5
A-15-126	96.73	96.74	0.01	imbrication of clasts/ debris flow bedding	BDG	10
A-15-126	97.48	97.49	0.01	imbrication of clasts/ debris flow bedding	BDG	5
A-15-126	98.76	98.77	0.01	cleavage	CLV	10
A-15-126	99.72	99.73	0.01	cleavage	CLV	13
A-15-126	100.76	100.77	0.01	imbrication of clasts/ debris flow bedding	BDG	16
A-15-126	101.46	101.47	0.01	cleavage	CLV	20
A-15-126	102.8	102.81	0.01	imbrication of clasts/ debris flow bedding	BDG	12
A-15-126	102.84	102.85	0.01	cleavage	CLV	15
A-15-126	104.55	104.56	0.01	cleavage	CLV	15
A-15-126	105.92	105.93	0.01	cleavage	CLV	23
A-15-126	107.63	107.64	0.01	cleavage	CLV	4
A-15-126	108.95	108.96	0.01	cleavage	CLV	2
A-15-126	109.78	109.79	0.01	imbrication of clasts/ debris flow bedding	BDG	1
A-15-126	109.95	109.96	0.01	cleavage	CLV	3
A-15-126	110.41	110.42	0.01	cleavage	CLV	11
A-15-126	112.58	112.59	0.01	imbrication of clasts/ debris flow bedding	BDG	7
A-15-126	112.62	118.35	5.73	Fault zone characterized by very fissile core intermixed with abundant rubble and sections of consolidated gouge. A significant portion of the rubble has polished, graphitic fracture planes. There is also a significant amount of quartz veining from 114.53 - 115.58m.	FLT	15
A-15-126	118.71	118.72	0.01	cleavage	CLV	28
A-15-126	119.64	119.65	0.01	cleavage	CLV	45
A-15-126	121.35	121.36	0.01	cleavage	CLV	44

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	122.48	125.4	2.92	Fault zone characterized by abundant rubble and gouge. Many fracture planes are polished, graphitic and have gouge and ground-up core attached to the surfaces. The orientation is unknown	FLT	
A-15-126	126	126.01	0.01	cleavage	CLV	40
A-15-126	126.78	126.79	0.01	nodular barite	BDG	30
A-15-126	126.87	126.88	0.01	W-fold in nodular barite. Fold hinge assumed to be cleavage at 40 deg TCA	FA-W	40
A-15-126	126.9	126.91	0.01	nodular barite	BDG	70
A-15-126	127.45	127.46	0.01	nodular barite	BDG	47
A-15-126	127.55	127.56	0.01	cleavage	CLV	41
A-15-126	128.23	128.24	0.01	silt bed	BDG	50
A-15-126	129.02	129.03	0.01	cleavage	CLV	34
A-15-126	130.03	130.04	0.01	nodular barite	BDG	46
A-15-126	130.55	130.56	0.01	nodular barite	BDG	45
A-15-126	131.07	131.08	0.01	cleavage	CLV	43
A-15-126	132.04	132.05	0.01	cleavage	CLV	47
A-15-126	133.89	133.9	0.01	pyritic silt bed	BDG	45
A-15-126	134.22	134.23	0.01	cleavage	CLV	45
A-15-126	134.56	134.57	0.01	pyritic silt bed	BDG	45
A-15-126	135.9	135.91	0.01	pyritic silt bed	BDG	42
A-15-126	136.55	136.56	0.01	cleavage	CLV	40
A-15-126	136.96	136.97	0.01	pyritic silt bed	BDG	46
A-15-126	137.98	137.99	0.01	cleavage	CLV	40
A-15-126	139.49	139.5	0.01	pyritic silt bed	BDG	42
A-15-126	140.82	140.83	0.01	cleavage	CLV	40
A-15-126	141.16	141.17	0.01	pyritic silt bed	BDG	45
A-15-126	142.1	142.11	0.01	cleavage	CLV	37
A-15-126	142.91	142.23	-0.68	weak shear zone composed of quartz carb veining, graphite and plastically deformed mudstone		45
A-15-126	142.27	142.28	0.01	cleavage	CLV	42
A-15-126	144.1	144.11	0.01	cleavage	CLV	56
A-15-126	146.41	146.42	0.01	silt bed	BDG	54
A-15-126	147.01	147.02	0.01	cleavage	CLV	45
A-15-126	147.19	147.2	0.01	pyritic silt bed	BDG	30
A-15-126	148.06	148.07	0.01	cleavage	CLV	37
A-15-126	149.94	149.95	0.01	cleavage	CLV	50
A-15-126	150.84	150.85	0.01	cleavage	CLV	35
A-15-126	152.35	152.36	0.01	cleavage	CLV	22
A-15-126	154.26	154.4	0.14	abundant rubble and gouge, sandwhiched by chert	FLT	25
A-15-126	154.42	154.43	0.01	pyrite lamination	BDG	25
A-15-126	154.61	154.62	0.01	chert bed	BDG	32
A-15-126	155.4	155.93	0.53	Minor fault composed of abundant rubble and gouge. Fracture surfaces are polished and graphitic.	FLT	41
A-15-126	155.99	156	0.01	silt bed	BDG	47

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	153.37	153.38	0.01	cleavage	CLV	52
A-15-126	154.36	154.37	0.01	cleavage	CLV	14
A-15-126	158.97	158.98	0.01	cleavage	CLV	20
A-15-126	159.84	159.85	0.01	silt bed	BDG	25
A-15-126	160.04	160.05	0.01	silt bed	BDG	85
A-15-126	160.17	165.55	5.38	abundant rubble, poker chip core and minor gouge	FLT	33
A-15-126	165.69	165.7	0.01	pyritic silt bed	BDG	32
A-15-126	166.04	166.05	0.01	nodular barite	BDG	30
A-15-126	166.07	166.08	0.01	cleavage	CLV	28
A-15-126	167.76	167.77	0.01	nodular barite	BDG	23
A-15-126	168.25	168.26	0.01	cleavage	CLV	35
A-15-126	169.3	169.31	0.01	nodular barite	BDG	19
A-15-126	171.05	171.06	0.01	cleavage	CLV	25
A-15-126	171.17	171.18	0.01	nodular barite	BDG	30
A-15-126	172.03	172.04	0.01	nodular barite	BDG	35
A-15-126	172.24	174.5	2.26	Core is rubble and poker chip. Minor gouge. Very little graphite	FLT	
A-15-126	174.93	174.94	0.01	cleavage	CLV	32
A-15-126	176.16	176.17	0.01	cleavage	CLV	29
A-15-126	177.49	177.5	0.01	pyritic silt bed	BDG	18
A-15-126	177.89	177.9	0.01	cleavage	CLV	32
A-15-126	179.96	179.97	0.01	cleavage	CLV	41
A-15-126	180.09	180.1	0.01	nodular barite	BDG	42
A-15-126	180.4	180.41	0.01	nodular barite	BDG	16
A-15-126	181.54	181.55	0.01	nodular barite	BDG	24
A-15-126	181.94	181.95	0.01	cleavage	CLV	26
A-15-126	182.83	182.84	0.01	nodular barite	BDG	25
A-15-126	183.12	183.13	0.01	nodular barite	BDG	10
A-15-126	183.58	183.59	0.01	nodular barite	BDG	64
A-15-126	184.27	184.28	0.01	nodular barite	BDG	28
A-15-126	184.31	184.32	0.01	cleavage	CLV	28
A-15-126	184.54	184.55	0.01	tight z-fold in nodular barite	FA-Z	25
A-15-126	184.62	184.63	0.01	nodular barite	BDG	62
A-15-126	186.09	186.1	0.01	cleavage	CLV	15
A-15-126	188.86	188.87	0.01	cleavage	CLV	33
A-15-126	190.42	190.43	0.01	cleavage	CLV	30
A-15-126	190.6	190.61	0.01	nodular barite	BDG	25
A-15-126	191.06	191.07	0.01	nodular barite	BDG	46
A-15-126	191.42	191.43	0.01	nodular barite	BDG	0
A-15-126	191.61	191.62	0.01	nodular barite	BDG	125
A-15-126	192.07	192.08	0.01	cleavage	CLV	15
A-15-126	194.68	194.69	0.01	cleavage	CLV	20

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	195.45	207.36	11.91	This fault zone is characterized by abundant rubble and gouge intermixed with blocky - poker chip core. Many fragments are polished, graphitic and/or have minor gouge attached. The upper contact is distinct with 1cm of consolidated gouge attached to the upper contact at 7 deg TCA.	FLT	7
A-15-126	207.82	207.83	0.01	cleavage	CLV	32
A-15-126	209.49	209.5	0.01	cleavage	CLV	25
A-15-126	210.75	210.76	0.01	cleavage	CLV	33
A-15-126	212.67	212.68	0.01	cleavage	CLV	35
A-15-126	214.9	214.91	0.01	cleavage	CLV	33
A-15-126	216.88	216.89	0.01	cleavage	CLV	31
A-15-126	218.29	218.3	0.01	cleavage	CLV	35
A-15-126	220.39	220.4	0.01	cleavage	CLV	36
A-15-126	222.34	222.35	0.01	cleavage	CLV	29
A-15-126	223.4	223.41	0.01	cleavage	CLV	31
A-15-126	225.33	225.34	0.01	cleavage	CLV	40
A-15-126	226.15	226.16	0.01	cleavage	CLV	32
A-15-126	228.57	228.58	0.01	cleavage	CLV	32
A-15-126	229.79	229.8	0.01	cleavage	CLV	30
A-15-126	232.76	232.77	0.01	cleavage	CLV	15
A-15-126	233.92	233.93	0.01	silt bed	BDG	20
A-15-126	234.29	234.3	0.01	cleavage	CLV	33
A-15-126	237.12	237.13	0.01	cleavage	CLV	38
A-15-126	237.76	237.77	0.01	nodular barite	BDG	28
A-15-126	238.69	238.7	0.01	cleavage	CLV	25
A-15-126	240.26	240.27	0.01	cleavage	CLV	28
A-15-126	241.91	241.92	0.01	pyritic silt bed	BDG	28
A-15-126	244.97	244.98	0.01	pyritic silt bed	BDG	30
A-15-126	244.9	244.91	0.01	cleavage	CLV	30
A-15-126	246	246.01	0.01	pyritic silt bed	BDG	20
A-15-126	247.85	247.86	0.01	cleavage	CLV	20
A-15-126	248.57	248.58	0.01	cleavage	CLV	18
A-15-126	250.34	250.35	0.01	silt bed	BDG	32
A-15-126	252.07	252.79	0.72	Fault zone characterised by abundant rubble, gouge and polished, graphitic core fragments. There are quartz vein fragments within the zone and veining proximal to the lower contact. Fault plane orientation is not discernable	FLT	
A-15-126	253.77	253.78	0.01	cleavage	CLV	30
A-15-126	254.7	254.71	0.01	cleavage	CLV	30
A-15-126	256.71	256.72	0.01	cleavage	CLV	27
A-15-126	257.29	257.3	0.01	silt bed	BDG	34
A-15-126	258.43	258.44	0.01	silt bed	BDG	28

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	259.25	259.41	0.16	minor rubble and abundant consolidated gouge. Graphiticpolished fault contacts. Minor proximal quartz-carboante veining	FLT	75
A-15-126	259.83	259.84	0.01	cleavage	CLV	38
A-15-126	260.51	260.82	0.31	Quartz-carbonate vein healed fault with disked core that has polished, graphitic fracture surfaces	FLT	75
A-15-126	261.74	261.75	0.01	cleavage	CLV	25
A-15-126	263.28	263.29	0.01	nodular barite	BDG	65
A-15-126	263.45	263.46	0.01	brassy pyrite lamination	BDG	160
A-15-126	263.48	263.49	0.01	cleavage	CLV	30
A-15-126	264.2	264.21	0.01	silt bed	BDG	42
A-15-126	268.34	268.35	0.01	cleavage	CLV	25
A-15-126	270.55	270.56	0.01	cleavage	CLV	9
A-15-126	272.08	272.09	0.01	cleavage	CLV	17
A-15-126	274.26	274.27	0.01	s-fold in pyritic silt bed	FA-S	4
A-15-126	275.46	275.47	0.01	brassy pyrite lamination	BDG	60
A-15-126	276.68	276.69	0.01	secondary cleavage?	CLV	2
A-15-126	276.9	276.91	0.01	pyritic silt bed	BDG	125
A-15-126	278.14	278.15	0.01	brassy pyrite lamination	BDG	135
A-15-126	278.64	278.65	0.01	brassy pyrite lamination	BDG	152
A-15-126	279.04	279.05	0.01	brassy pyrite lamination	BDG	145
A-15-126	280.6	280.61	0.01	cleavage	CLV	30
A-15-126	281.61	281.62	0.01	brassy pyrite lamination	BDG	150
A-15-126	281.89	281.9	0.01	secondary cleavage?	CLV	12
A-15-126	282.69	282.7	0.01	brassy pyrite lamination	BDG	160
A-15-126	283	283.42	0.42	well-developed shear vein		135
A-15-126	283.77	283.78	0.01	secondary cleavage?	CLV	0
A-15-126	284.84	284.85	0.01	brassy pyrite lamination	BDG	125
A-15-126	285.59	285.6	0.01	secondary cleavage?	CLV	4
A-15-126	286	286.01	0.01	brassy pyrite lamination	BDG	130
A-15-126	289.15	289.16	0.01	cleavage	CLV	25
A-15-126	290.17	290.18	0.01	cleavage	CLV	26
A-15-126	290.98	290.99	0.01	brassy pyrite lamination	BDG	135
A-15-126	291.8	291.81	0.01	cleavage	CLV	24
A-15-126	293.38	293.39	0.01	brassy pyrite lamination	BDG	125
A-15-126	295.09	295.1	0.01	brassy pyrite lamination	BDG	105
A-15-126	296.36	296.37	0.01	brassy pyrite lamination	BDG	110
A-15-126	297.45	297.46	0.01	brassy pyrite lamination	BDG	91
A-15-126	297.82	299.51	1.69	Fault zone characterized by consolidated gouge and abundant fine grained rubble	FLT	40
A-15-126	300.63	300.64	0.01	cleavage	CLV	16
A-15-126	301.21	301.22	0.01	brassy pyrite lamination	BDG	105
A-15-126	301.73	301.74	0.01	brassy pyrite lamination	BDG	90
A-15-126	302.47	302.48	0.01	cleavage	CLV	26
A-15-126	305.05	305.06	0.01	brassy pyrite lamination	BDG	95

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	308.32	308.33	0.01	cleavage	CLV	25
A-15-126	311.37	311.38	0.01	cleavage	CLV	10
A-15-126	312.71	312.72	0.01	cleavage	CLV	44
A-15-126	314.99	315	0.01	cleavage	CLV	16
A-15-126	316.49	316.5	0.01	cleavage	CLV	18
A-15-126	318.02	318.03	0.01	cleavage	CLV	25
A-15-126	319.95	319.96	0.01	cleavage	CLV	33
A-15-126	321.28	321.29	0.01	brassy pyrite lamination	BDG	93
A-15-126	321.69	321.7	0.01	brassy pyrite lamination	BDG	95
A-15-126	322.32	322.33	0.01	brassy pyrite lamination	BDG	85
A-15-126	322.37	322.38	0.01	cleavage	CLV	34
A-15-126	325.33	325.34	0.01	brassy pyrite lamination	BDG	105
A-15-126	325.85	325.86	0.01	cleavage	CLV	35
A-15-126	328.11	328.12	0.01	brassy pyrite lamination	BDG	82
A-15-126	331.52	331.53	0.01	cleavage	CLV	21
A-15-126	332.5	332.51	0.01	brassy pyrite lamination	BDG	21
A-15-126	333.36	333.37	0.01	brassy pyrite lamination	BDG	32
A-15-126	335.89	335.9	0.01	cleavage	CLV	16
A-15-126	336.31	336.32	0.01	cleavage	CLV	20
A-15-126	337.46	337.47	0.01	cleavage	CLV	20
A-15-126	339.38	339.39	0.01	chert bed	BDG	35
A-15-126	339.81	339.82	0.01	cleavage	CLV	16
A-15-126	341.96	341.97	0.01	cleavage	CLV	13
A-15-126	343.48	343.49	0.01	cleavage	CLV	16
A-15-126	346.78	346.79	0.01	cleavage	CLV	15
A-15-126	348.22	348.23	0.01	secondary cleavage?	CLV	2
A-15-126	349.04	349.05	0.01	cleavage	CLV	15
A-15-126	352.23	352.24	0.01	cleavage	CLV	29
A-15-126	353.14	353.15	0.01	brassy pyrite lamination	BDG	65
A-15-126	355.03	355.04	0.01	cleavage	CLV	4
A-15-126	355.46	355.47	0.01	cleavage	CLV	36
A-15-126	355.74	355.75	0.01	brassy pyrite lamination	BDG	25
A-15-126	356.44	356.45	0.01	cleavage	CLV	21
A-15-126	358.08	358.09	0.01	cleavage	CLV	30
A-15-126	358.87	358.88	0.01	cleavage	CLV	42
A-15-126	361.05	361.06	0.01	cleavage	CLV	7
A-15-126	362.58	362.59	0.01	pyritic silt bed (not confident in angle TCA)	BDG	130
A-15-126	365.06	365.07	0.01	cleavage	CLV	6
A-15-126	365.62	365.63	0.01	brassy pyrite lamination (not confident in angle TCA)	BDG	157
A-15-126	366.64	366.65	0.01	cleavage	CLV	8
A-15-126	367.09	367.1	0.01	brassy pyrite lamination (not confident in angle TCA)	BDG	155
A-15-126	368.12	368.13	0.01	brassy pyrite lamination (not confident in angle TCA)	BDG	165
A-15-126	369.65	369.66	0.01	cleavage	CLV	10
A-15-126	371.72	371.73	0.01	cleavage	CLV	12
A-15-126	372.19	372.2	0.01	cleavage	CLV	10

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	374.66	374.67	0.01	cleavage	CLV	7
A-15-126	375.42	375.43	0.01	cleavage	CLV	7
A-15-126	377.92	377.93	0.01	cleavage	CLV	12
A-15-126	379.84	379.85	0.01	pyritic silt bed	BDG	37
A-15-126	380.14	380.15	0.01	cleavage	CLV	16
A-15-126	380.61	380.62	0.01	pyritic silt bed	BDG	33
A-15-126	382.38	382.39	0.01	cleavage	CLV	17
A-15-126	382.71	382.72	0.01	brassy pyrite lamination	BDG	20
A-15-126	383.19	383.2	0.01	brassy pyrite lamination	BDG	24
A-15-126	383.2	383.21	0.01	brassy pyrite lamination	BDG	33
A-15-126	384.46	384.47	0.01	cleavage	CLV	18
A-15-126	385.09	386.51	1.42	Dominantly rubble with minor gouge. Small 2cm wide gouge seam at upper contact	FLT	55
A-15-126	286.55	286.56	0.01	cleavage	CLV	17
A-15-126	286.7	286.71	0.01	pyritic silt bed	BDG	16
A-15-126	388.89	388.9	0.01	brassy pyrite lamination	BDG	25
A-15-126	389.67	389.68	0.01	cleavage	CLV	21
A-15-126	390.63	390.64	0.01	cleavage	CLV	25
A-15-126	391.91	391.92	0.01	cleavage	CLV	25
A-15-126	393	393.01	0.01	cleavage	CLV	26
A-15-126	393.59	393.6	0.01	brassy pyrite lamination	BDG	24
A-15-126	394.83	394.84	0.01	cleavage	CLV	19
A-15-126	395.51	395.52	0.01	brassy pyrite lamination	BDG	34
A-15-126	396.4	396.41	0.01	cleavage	CLV	13
A-15-126	397.78	397.79	0.01	cleavage	CLV	18
A-15-126	399.67	399.68	0.01	cleavage	CLV	17
A-15-126	400.14	400.15	0.01	pyritic silt bed	BDG	32
A-15-126	401.44	401.45	0.01	pyritic silt bed	BDG	25
A-15-126	401.58	401.59	0.01	cleavage	CLV	13
A-15-126	403.31	403.32	0.01	cleavage	CLV	12
A-15-126	404.72	404.73	0.01	cleavage	CLV	15
A-15-126	406.64	406.65	0.01	cleavage	CLV	13
A-15-126	408.18	408.19	0.01	silt bed	BDG	16
A-15-126	409.29	409.3	0.01	laminar pyrite	BDG	15
A-15-126	409.56	409.57	0.01	cleavage	CLV	18
A-15-126	411.23	411.24	0.01	cleavage	CLV	8
A-15-126	412.32	412.33	0.01	cleavage	CLV	15
A-15-126	413.76	413.77	0.01	discontinuous silt bed	BDG	20
A-15-126	414.47	414.48	0.01	cleavage	CLV	9
A-15-126	415.26	415.27	0.01	cleavage	CLV	10
A-15-126	417.28	417.29	0.01	cleavage	CLV	10
A-15-126	417.67	417.68	0.01	nodular barite	BDG	17
A-15-126	418.91	418.92	0.01	cleavage	CLV	18
A-15-126	421	421.01	0.01	nodular barite	BDG	20
A-15-126	421.97	421.98	0.01	cleavage	CLV	15

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	423.75	423.76	0.01	cleavage	CLV	11
A-15-126	425.42	425.43	0.01	silt bed	BDG	10
A-15-126	425.74	425.75	0.01	cleavage	CLV	16
A-15-126	426.02	426.03	0.01	laminar pyrite	BDG	20
A-15-126	427.04	427.05	0.01	silt bed	BDG	15
A-15-126	427.38	427.39	0.01	cleavage	CLV	11
A-15-126	428.69	428.7	0.01	cleavage	CLV	11
A-15-126	429.03	429.04	0.01	silt bed	BDG	22
A-15-126	431.48	431.49	0.01	cleavage	CLV	7
A-15-126	433.01	433.02	0.01	cleavage	CLV	7
A-15-126	434.17	434.18	0.01	cleavage	CLV	7
A-15-126	436.03	436.04	0.01	cleavage	CLV	6
A-15-126	437.67	437.68	0.01	laminar pyrite	BDG	19
A-15-126	439.11	439.12	0.01	laminar pyrite	BDG	17
A-15-126	439.52	439.53	0.01	nodular barite	BDG	16
A-15-126	439.75	439.76	0.01	cleavage	CLV	10
A-15-126	441.88	441.89	0.01	cleavage	CLV	15
A-15-126	442.15	442.16	0.01	laminar pyrite	BDG	20
A-15-126	446.24	446.25	0.01	pyritic silt bed	BDG	105
A-15-126	446.07	446.08	0.01	cleavage	CLV	10
A-15-126	446.32	446.33	0.01	silt bed	BDG	25
A-15-126	450.05	450.06	0.01	nodular barite	BDG	4
A-15-126	450.54	450.55	0.01	nodular barite	BDG	155
A-15-126	450.65	450.66	0.01	nodular barite	BDG	170
A-15-126	450.88	450.89	0.01	nodular barite	BDG	2
A-15-126	450.94	450.95	0.01	nodular barite	BDG	35
A-15-126	451.05	451.06	0.01	nodular barite	BDG	100
A-15-126	451.35	451.36	0.01	nodular barite	BDG	32
A-15-126	451.71	451.72	0.01	cleavage	CLV	16
A-15-126	451.9	451.91	0.01	nodular barite	BDG	19
A-15-126	452.11	452.12	0.01	tight fold of laminar pyrite and nodular barite	FA	16
A-15-126	452.26	452.27	0.01	nodular barite	BDG	15
A-15-126	452.6	452.61	0.01	laminar pyrite	BDG	20
A-15-126	454.24	454.25	0.01	cleavage	CLV	9
A-15-126	454.62	454.63	0.01	cleavage	CLV	7
A-15-126	454.9	454.91	0.01	nodular barite	BDG	7
A-15-126	455.76	455.77	0.01	cleavage	CLV	18
A-15-126	457.31	457.32	0.01	pyritic silt bed	BDG	45
A-15-126	459.15	459.16	0.01	cleavage	CLV	10
A-15-126	460	460.01	0.01	silt bed	BDG	13
A-15-126	460.49	460.5	0.01	silt bed	BDG	171
A-15-126	460.96	460.97	0.01	cleavage	CLV	9
A-15-126	462.36	462.37	0.01	silt bed	BDG	0
A-15-126	463.68	463.69	0.01	cleavage	CLV	38
A-15-126	464.94	464.95	0.01	silt bed	BDG	3

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	465.95	465.96	0.01	silt bed	BDG	140
A-15-126	466.38	466.39	0.01	cleavage	CLV	15
A-15-126	466.85	466.86	0.01	silt bed	BDG	87
A-15-126	467.24	467.25	0.01	cleavage	CLV	10
A-15-126	467.47	437.48	-29.99	silt bed	BDG	65
A-15-126	467.64	467.65	0.01	silt bed	BDG	90
A-15-126	467.79	467.8	0.01	silt bed	BDG	125
A-15-126	468.39	468.4	0.01	silt bed	BDG	92
A-15-126	469.43	469.44	0.01	silt bed	BDG	165
A-15-126	470.93	470.94	0.01	silt bed	BDG	165
A-15-126	471.48	471.49	0.01	silt bed	BDG	162
A-15-126	475.01	475.02	0.01	silt bed	BDG	15
A-15-126	476.7	476.71	0.01	cleavage	CLV	5
A-15-126	477.93	477.94	0.01	silt bed	BDG	10
A-15-126	479.19	479.2	0.01	silt bed	BDG	20
A-15-126	480.14	480.15	0.01	cleavage	CLV	10
A-15-126	481.97	481.98	0.01	cleavage	CLV	10
A-15-126	487.06	487.07	0.01	cleavage	CLV	23
A-15-126	488.56	488.57	0.01	cleavage	CLV	21
A-15-126	489.5	489.51	0.01	cleavage	CLV	20
A-15-126	491.4	491.41	0.01	cleavage	CLV	28
A-15-126	492.18	492.22	0.04	gouge seam	FLT	35
A-15-126	493.72	493.73	0.01	cleavage	CLV	23
A-15-126	495.39	495.4	0.01	cleavage	CLV	23
A-15-126	496.58	496.59	0.01	cleavage	CLV	32
A-15-126	497.83	497.84	0.01	cleavage	CLV	30
A-15-126	500.37	500.38	0.01	cleavage	CLV	31
A-15-126	501.11	501.12	0.01	cleavage	CLV	41
A-15-126	501.67	501.68	0.01	cleavage	CLV	27
A-15-126	503.53	503.54	0.01	cleavage	CLV	53
A-15-126	505.62	505.63	0.01	cleavage	CLV	20
A-15-126	506.58	506.59	0.01	cleavage	CLV	17
A-15-126	507.88	507.89	0.01	cleavage	CLV	15
A-15-126	509	509.01	0.01	cleavage	CLV	43
A-15-126	510.66	510.67	0.01	cleavage	CLV	25
A-15-126	512.73	512.74	0.01	cleavage	CLV	23
A-15-126	512.92	513.17	0.25	micro shear zone with sinistral movement at 170 deg TCA.		170
A-15-126	515.56	515.57	0.01	cleavage	CLV	12
A-15-126	518.84	518.85	0.01	cleavage	CLV	15
A-15-126	519.97	519.98	0.01	cleavage	CLV	12
A-15-126	522.03	522.04	0.01	cleavage	CLV	7
A-15-126	522.93	522.94	0.01	cleavage	CLV	15
A-15-126	523.54	523.55	0.01	cleavage	CLV	8
A-15-126	525.29	525.3	0.01	cleavage	CLV	7

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	527.38	527.39	0.01	cleavage	CLV	7
A-15-126	528.18	528.19	0.01	cleavage	CLV	7
A-15-126	529.42	529.43	0.01	cleavage	CLV	7
A-15-126	533.36	533.37	0.01	cleavage	CLV	25
A-15-126	536.14	536.15	0.01	cleavage	CLV	47
A-15-126	537.93	537.94	0.01	cleavage	CLV	30
A-15-126	538.48	538.49	0.01	cleavage	CLV	8
A-15-126	539.67	539.68	0.01	cleavage	CLV	18
A-15-126	541.04	541.05	0.01	cleavage	CLV	56
A-15-126	541.94	541.95	0.01	cleavage	CLV	10
A-15-126	543.04	543.05	0.01	cleavage	CLV	18
A-15-126	544.48	544.49	0.01	cleavage	CLV	20
A-15-126	546.08	546.09	0.01	cleavage	CLV	17
A-15-126	546.94	546.95	0.01	cleavage	CLV	18
A-15-126	550.3	550.31	0.01	cleavage	CLV	25
A-15-126	551.78	551.79	0.01	cleavage	CLV	25
A-15-126	553.06	553.07	0.01	cleavage	CLV	20
A-15-126	554.29	554.3	0.01	cleavage	CLV	18
A-15-126	556.12	556.13	0.01	cleavage	CLV	20
A-15-126	557.17	557.18	0.01	cleavage	CLV	22
A-15-126	558.85	558.86	0.01	cleavage	CLV	19
A-15-126	561.21	561.22	0.01	cleavage	CLV	15
A-15-126	562.87	562.88	0.01	cleavage	CLV	16
A-15-126	563.55	563.56	0.01	cleavage	CLV	26
A-15-126	564.69	564.7	0.01	cleavage	CLV	18
A-15-126	567.12	567.13	0.01	silt bed	BDG	21
A-15-126	567.16	567.17	0.01	cleavage	CLV	23
A-15-126	568.39	568.4	0.01	cleavage	CLV	23
A-15-126	569.49	569.5	0.01	cleavage	CLV	20
A-15-126	570.77	570.78	0.01	cleavage	CLV	16
A-15-126	572.11	572.12	0.01	cleavage	CLV	27
A-15-126	574.39	574.4	0.01	cleavage	CLV	22
A-15-126	575.45	575.46	0.01	pyritic silt bed	BDG	18
A-15-126	577.06	577.07	0.01	cleavage	CLV	22
A-15-126	577.97	577.98	0.01	cleavage	CLV	18
A-15-126	578.71	578.72	0.01	cleavage	CLV	16
A-15-126	580.71	580.72	0.01	cleavage	CLV	25
A-15-126	582.2	582.21	0.01	cleavage	CLV	23
A-15-126	583	583.01	0.01	cleavage	CLV	26
A-15-126	585.1	585.11	0.01	cleavage	CLV	22
A-15-126	586.01	586.02	0.01	laminar pyrite	BDG	28
A-15-126	586.28	586.29	0.01	nodular barite	BDG	75
A-15-126	586.38	586.39	0.01	fold axis within laminar pyrite/ nodular barite	FA	18
A-15-126	586.57	586.58	0.01	laminar pyrite	BDG	12
A-15-126	588.05	588.06	0.01	cleavage	CLV	25

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	588.58	588.59	0.01	nodular barite	BDG	40
A-15-126	589.32	589.33	0.01	laminar pyrite	BDG	45
A-15-126	589.57	589.58	0.01	cleavage	CLV	40
A-15-126	590.09	590.1	0.01	nodular barite	BDG	54
A-15-126	590.41	590.42	0.01	nodular barite	BDG	79
A-15-126	590.64	590.65	0.01	nodular barite	BDG	120
A-15-126	591.35	591.36	0.01	laminar pyrite	BDG	178
A-15-126	591.88	591.89	0.01	laminar pyrite	BDG	160
A-15-126	591.99	592	0.01	nodular barite	BDG	135
A-15-126	592.13	592.14	0.01	cleavage	CLV	14
A-15-126	592.58	592.59	0.01	nodular barite	BDG	115
A-15-126	593	593.01	0.01	nodular barite	BDG	124
A-15-126	593.27	593.28	0.01	laminar pyrite	BDG	74
A-15-126	593.56	593.57	0.01	laminar pyrite	BDG	40
A-15-126	594.01	594.02	0.01	cleavage	CLV	38
A-15-126	595.34	595.35	0.01	laminar pyrite	BDG	161
A-15-126	595.63	595.64	0.01	cleavage	CLV	11
A-15-126	595.86	595.87	0.01	nodular barite	BDG	130
A-15-126	596.17	596.18	0.01	laminar pyrite	BDG	148
A-15-126	596.61	596.62	0.01	nodular barite	BDG	100
A-15-126	596.7	596.71	0.01	laminar pyrite	BDG	50
A-15-126	597.32	597.33	0.01	laminar pyrite	BDG	34
A-15-126	597.5	597.51	0.01	nodular barite	BDG	2
A-15-126	598.01	598.02	0.01	nodular barite	BDG	60
A-15-126	598.19	598.2	0.01	cleavage	CLV	29
A-15-126	599.23	599.24	0.01	nodular barite	BDG	60
A-15-126	600.81	600.82	0.01	nodular barite	BDG	58
A-15-126	601.2	601.21	0.01	laminar pyrite	BDG	107
A-15-126	602.34	602.35	0.01	laminar pyrite	BDG	71
A-15-126	602.89	602.9	0.01	laminar pyrite	BDG	58
A-15-126	602.95	602.96	0.01	cleavage	CLV	22
A-15-126	603.39	603.4	0.01	laminar pyrite	BDG	112
A-15-126	605.76	605.77	0.01	cleavage	CLV	25
A-15-126	606.25	606.26	0.01	nodular barite	BDG	60
A-15-126	607.19	607.2	0.01	laminar pyrite	BDG	45
A-15-126	607.38	607.39	0.01	nodular barite	BDG	86
A-15-126	608.08	608.09	0.01	laminar pyrite	BDG	145
A-15-126	608.38	608.39	0.01	laminar pyrite	BDG	80
A-15-126	608.53	608.54	0.01	nodular barite	BDG	55
A-15-126	609.34	609.35	0.01	cleavage	CLV	22
A-15-126	611.13	611.14	0.01	cleavage	CLV	25
A-15-126	612.46	612.47	0.01	nodular barite	BDG	36
A-15-126	612.71	612.72	0.01	tight fold of laminar pyrite and nodular barite	FA	40
A-15-126	613.26	613.27	0.01	nodular barite	BDG	14
A-15-126	613.33	613.34	0.01	wide fold of laminar pyrite and nodular barite	FA	25

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	613.48	613.49	0.01	laminar pyrite	BDG	139
A-15-126	613.8	613.81	0.01	nodular barite	BDG	95
A-15-126	614.07	614.08	0.01	cleavage	CLV	32
A-15-126	614.44	614.45	0.01	nodular barite	BDG	109
A-15-126	615.36	615.37	0.01	nodular barite	BDG	48
A-15-126	616.1	616.11	0.01	z-fold of laminar pyrite and nodular barite	FA	26
A-15-126	616.21	616.22	0.01	cleavage	CLV	20
A-15-126	616.39	616.4	0.01	laminar pyrite	BDG	75
A-15-126	617.53	617.54	0.01	nodular barite	BDG	56
A-15-126	618.07	618.08	0.01	laminar pyrite	BDG	57
A-15-126	618.39	618.4	0.01	nodular barite	BDG	24
A-15-126	618.86	618.87	0.01	cleavage	CLV	30
A-15-126	620.6	620.61	0.01	cleavage	CLV	25
A-15-126	620.67	620.68	0.01	nodular barite	BDG	46
A-15-126	622.75	622.76	0.01	laminar pyrite	BDG	35
A-15-126	623.19	623.2	0.01	cleavage	CLV	35
A-15-126	624.41	624.42	0.01	cleavage	CLV	16
A-15-126	625	625.01	0.01	cleavage	CLV	21
A-15-126	626.48	626.49	0.01	cleavage	CLV	25
A-15-126	627.82	627.83	0.01	cleavage	CLV	32
A-15-126	630.22	630.23	0.01	cleavage	CLV	25
A-15-126	631.77	631.78	0.01	cleavage	CLV	30
A-15-126	632.88	632.89	0.01	cleavage	CLV	23
A-15-126	634.79	634.8	0.01	cleavage	CLV	17
A-15-126	638.59	638.6	0.01	cleavage	CLV	32
A-15-126	638.62	638.63	0.01	faint silty laminations in shale	BDG	33
A-15-126	641.75	641.76	0.01	bedding	BDG	24
A-15-126	641.99	642	0.01	cleavage	CLV	23
A-15-126	644.01	644.02	0.01	faint silty laminations in shale	BDG	37
A-15-126	644.27	644.28	0.01	cleavage	CLV	36
A-15-126	645.43	645.44	0.01	cleavage	CLV	55
A-15-126	646.04	646.05	0.01	laminar pyrite	BDG	53
A-15-126	649.58	649.59	0.01	laminar pyrite	BDG	57
A-15-126	650.17	650.18	0.01	cleavage	CLV	51
A-15-126	651.32	651.33	0.01	moderate to higher angle bedded pyrite	BDG	78
A-15-126	651.88	651.89	0.01	cleavage	CLV	69
A-15-126	652.78	652.78	0.01	moderate to higher angle bedded pyrite	BDG	78
A-15-126	654.2	654.21	0.01	cleavage	CLV	74
A-15-126	654.81	654.82	0.01	moderate to higher angle bedded pyrite	BDG	73
A-15-126	657.11	657.12	0.01	moderate to higher angle bedded pyrite	BDG	72
A-15-126	657.29	657.3	0.01	cleavage	CLV	75
A-15-126	658.75	658.76	0.01	bedding	BDG	74
A-15-126	659.69	659.7	0.01	cleavage	CLV	71
A-15-126	661.85	661.86	0.01	bedding	BDG	72
A-15-126	662.03	662.04	0.01	cleavage	CLV	71

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	663.25	663.26	0.01	bedded pyrite	BDG	42
A-15-126	664.48	664.49	0.01	bedded pyrite	BDG	43
A-15-126	665.84	665.85	0.01	cleavage	CLV	54
A-15-126	667.08	667.09	0.01	bedding	BDG	53
A-15-126	669.04	669.05	0.01	cleavage	CLV	57
A-15-126	670.05	670.06	0.01	bedding	BDG	56
A-15-126	671.82	671.83	0.01	cleavage	CLV	47
A-15-126	672.94	672.95	0.01	bedding	BDG	42
A-15-126	674.22	674.23	0.01	cleavage in thickly bedded black shale has reversed	CLV	132
A-15-126	677.21	677.22	0.01	cleavage in thickly bedded black shale has reversed	CLV	148
A-15-126	680	680.01	0.01	cleavage in thickly bedded black shale has reversed	CLV	146
A-15-126	683.18	683.19	0.01	measurement has turned back to normal orientiation which may indicate a fold change and the apparent duplication of 4MPSH mineralization	CLV	43
A-15-126	685.11	685.12	0.01	cleavage	CLV	45
A-15-126	688.35	688.36	0.01	cleavage	CLV	38
A-15-126	689.65	689.66	0.01	cleavage	CLV	52
A-15-126	694.31	694.32	0.01	silty lamination	BDG	18
A-15-126	695.48	695.49	0.01	bedded pyrite	BDG	16
A-15-126	695.94	695.95	0.01	cleavage	CLV	13
A-15-126	696.91	696.92	0.01	sulphide bedding	BDG	14
A-15-126	698.11	698.12	0.01	cleavage	CLV	14
A-15-126	700.82	700.83	0.01	cleavage	CLV	16
A-15-126	701.16	701.17	0.01	bedding	BDG	24
A-15-126	702.27	702.28	0.01	cleavage	CLV	20
A-15-126	703.08	703.09	0.01	bedding	BDG	14
A-15-126	704.34	704.35	0.01	cleavage	CLV	16
A-15-126	705.51	705.52	0.01	bedded pyrite	BDG	15
A-15-126	706.18	706.19	0.01	cleavage	CLV	18
A-15-126	708.01	708.02	0.01	bedding pyrite	BDG	13
A-15-126	708.7	708.71	0.01	slight folding in bedding	BDG	13
A-15-126	708.9	708.91	0.01	slight folding in bedding	BDG	170
A-15-126	709.12	709.13	0.01	slight folding in bedding	BDG	16
A-15-126	709.23	709.24	0.01	slight folding in bedding	BDG	160
A-15-126	709.31	709.32	0.01	slight folding in bedding	BDG	150
A-15-126	709.55	709.55	0.01	slight folding in bedding	BDG	72
A-15-126	710.09	710.1	0.01	bedding oriented back to normal	BDG	59
A-15-126	710.65	710.66	0.01	cleavage parallel to bedding	CLV	59
A-15-126	712.55	712.56	0.01	bedded pyrite	BDG	46
A-15-126	713.36	713.37	0.01	cleavage	CLV	42
A-15-126	714.65	714.66	0.01	bedding	BDG	43
A-15-126	715.41	715.42	0.01	cleavage	CLV	42
A-15-126	717.42	717.43	0.01	grey silty laminations in thickly bedded gunsteel shale.	BDG	37
A-15-126	718.41	718.42	0.01	cleavage	CLV	41

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	720.8	720.81	0.01	cleavage	CLV	17
A-15-126	725.84	725.85	0.01	cleavage	CLV	43
A-15-126	728.47	728.48	0.01	silty laminations	BDG	44
A-15-126	730.68	730.69	0.01	cleavage	CLV	42
A-15-126	731.31	731.32	0.01	sulphide bedding	BDG	38
A-15-126	733	733.014	0.01	cleavage	CLV	36
A-15-126	734.05	734.06	0.01	sulphide bedding	BDG	38
A-15-126	736.78	737.79	0.01	cleavage	CLV	39
A-15-126	737.85	737.86.01	0.01	sulphide bedding	BDG	39
A-15-126	739.18	739.19	0.01	cleavage	CLV	40
A-15-126	740.72	740.73	0.01	sulphide bedding	BDG	37
A-15-126	741.51	741.52	0.01	cleavage	CLV	42
A-15-126	744.57	744.58	0.01	sulphide bedding	BDG	40
A-15-126	746.32	746.33	0.01	cleavage	CLV	40
A-15-126	747.28	747.29	0.01	sulphide bedding	BDG	40
A-15-126	748.75	748.76	0.01	cleavage	CLV	36
A-15-126	750.88	750.89	0.01	sulphide bedding	BDG	38
A-15-126	752.27	752.28	0.01	cleavage	CLV	40
A-15-126	753.21	753.22	0.01	sulphide bedding	BDG	38
A-15-126	754.52	754.53	0.01	cleavage	CLV	36
A-15-126	756.33	756.34	0.01	sulphide bedding	BDG	40
A-15-126	757.02	757.03	0.01	cleavage	CLV	41
A-15-126	759.11	759.12	0.01	sulphide bedding	BDG	38
A-15-126	761.05	761.06	0.01	silty and laminated pyrite	BDG	37
A-15-126	762.42	762.43	0.01	weak cleavage	CLV	41
A-15-126	764.1	764.11	0.01	weekly developed bedding in debris flow	BDG	37
A-15-126	767.05	767.06	0.01	weekly developed bedding in debris flow	BDG	32
A-15-126	768.08	768.09	0.01	cleavage	CLV	40
A-15-126	770.15	770.16	0.01	coarse nodular barite laminations	BDG	42
A-15-126	771.29	771.3	0.01	cleavage	CLV	44
A-15-126	773.1	773.11	0.01	silty laminations in 5SS	BDG	42
A-15-126	773.81	773.82	0.01	cleavage	CLV	38
A-15-126	776.9	776.91	0.01	silty laminations in 5SS	BDG	39
A-15-126	776.92	776.93	0.01	cleavage is at high angle to bedding	CLV	118
A-15-126	777.95	777.96	0.01	cleavage is at high angle to bedding	CLV	113
A-15-126	778.51	778.52	0.01	silty laminations in 5SS	BDG	33
A-15-126	780.02	780.03	0.01	cleavage is at high angle to bedding	CLV	134
A-15-126	781.1	781.12	0.01	silty laminations in 5SS	BDG	32
A-15-126	782.61	782.62	0.01	the dominant cleavage orientation is has come back to parallel to bedding	CLV	39
A-15-126	784.08	784.09	0.01	silty laminations in 5SS	BDG	36
A-15-126	784.9	784.91	0.01	rough cleavage in debris flow	CLV	38
A-15-126	787.18	787.19	0.01	silty laminations in 5SS	BDG	32
A-15-126	788.25	788.26	0.01	cleavage	CLV	27
A-15-126	791.19	791.2	0.01	bedding	BDG	27

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-126	791.91	791.92	0.01	cleavage	CLV	30
A-15-126	793.88	793.89	0.01	bedding	BDG	31
A-15-126	795.15	795.16	0.01	cleavage	CLV	24
A-15-126	798.03	798.04	0.01	faint fabric in debris flow	BDG	30
A-15-126	799.03	799.04	0.01	cleavage	CLV	39
A-15-126	801.04	801.05	0.01	faint fabric in debris flow	BDG	30
A-15-126	802.55	802.56	0.01	cleavage	CLV	45
A-15-126	803.49	803.5	0.01	bedding in Calcareous siltstone.	BDG	46
A-15-126	805.31	805.32	0.01	bedding	BDG	25
A-15-126	805.88	805.89	0.01	cleavage	CLV	30
A-15-126	809.55	809.56	0.01	cleavage has increased slightly however bedding is irregular ad higher at this location.	CLV	58
A-15-126	811.85	811.86	0.01	cleavage	CLV	20
A-15-126	812.58	812.59	0.01	low angle bedding	BDG	170

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**comments**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-126	644.75	645.87	1.12	2695164	4SH	3.00	97.00		VAN15002137	41.3	30	12.5	54	<0.5	3403
A-15-126	645.87	646.90	1.03	2695165	4SH	5.00	95.00		VAN15002137	39	37	12.2	179	<0.5	4095
A-15-126	646.90	647.90	1.00	2695166	4SH	7	93		VAN15002137	41.3	32.4	12.7	535	<0.5	15186
A-15-126	647.90	648.87	0.97	2695167	4SH	2.00	98.00		VAN15002137	19.4	19.1	33.2	903	<0.5	9654
A-15-126	648.87	649.22	0.35	2695168	4SH	10.00	90.00		VAN15002137	3.2	7	66.5	3376	<0.5	3372
A-15-126	649.22	649.60	0.38	2695169	4MPSH	35.00	65.00		VAN15002137	16.3	34.9	497.6	8143	3.5	5722
A-15-126	649.60	650.30	0.70	2695170	4CSH	1.00	99.00		VAN15002137	3.8	5.6	34.2	556	<0.5	3995
A-15-126	650.30	651.22	0.92	2695171	4SH	1.00	99.00		VAN15002137	22.1	27.6	375.2	4956	2.4	11834
A-15-126	651.22	652.15	0.93	2695172	4MPSH	65.00	35.00		VAN15002137	44.7	67.4	2854.2	22912	10.6	14097
A-15-126	Pulp Dup			2695173					VAN15002137	42.7	68.1	2814.5	23384	10.8	13851
A-15-126	652.15	653.15	1.00	2695174	4MPSH	35.00	65.00		VAN15002137	24	31.1	1891.9	15533	3.9	14966
A-15-126	653.15	654.22	1.07	2695175	4MPSH	60.00	40.00		VAN15002137	35.8	44.1	2839.9	25102	6.5	17533
A-15-126	654.22	655.00	0.78	2695176	4MPSH	40.00	60.00		VAN15002137	26.4	37.6	2061.8	19254	4.6	28091
A-15-126	655.00	656.00	1.00	2695177	4MPSH	45	55		VAN15002137	36.6	50.4	2549.8	20768	5.5	19263
A-15-126	656.00	657.00	1.00	2695178	4MPSH	40.00	60.00		VAN15002137	32.1	32.7	2493.4	15830	4.9	22463
A-15-126	657.00	658.00	1.00	2695179	4MPSH	53.00	47.00		VAN15002137	38.6	39.1	2915	21038	5.1	19204
A-15-126	658.00	659.00	1.00	2695180	4MPSH	60.00	40.00		VAN15002137	33.9	34	4616.5	30466	7	26351
A-15-126	659.00	660.00	1.00	2695181	4MPSH	60.00	40.00		VAN15002137	31.9	35.2	5426.7	37342	8	26146
A-15-126	660.00	661.00	1.00	2695182	4MPSH	47.00	53.00		VAN15002137	25.9	43.4	4928.9	34758	7.3	23148
A-15-126	Blank			2695183	BL125				VAN15002137	4.8	91.3	4.3	46	<0.5	564
A-15-126	661.00	661.75	0.75	2695184	Shale interbed in 4MPSH	0.00	100.00		VAN15002137	25.2	13	1324	5339	0.6	26438
A-15-126	661.75	662.75	1.00	2695185	4MPSH	45.00	55.00		VAN15002137	30.4	53.6	4014.9	23989	6.9	13813
A-15-126	662.75	663.75	1.00	2695186	4MPSH	55.00	45.00		VAN15002137	35.3	42.7	4872	30770	7.1	16002
A-15-126	663.75	665.00	1.25	2695187	4MPSH	68.00	32.00		VAN15002137	35.2	33.1	5210.7	32373	7.3	22591
A-15-126	665.00	666.00	1.00	2695188	4MPSH	45.00	55.00		VAN15002137	22.5	39.4	4840	35182	7	36885
A-15-126	666.00	667.00	1.00	2695189	4MPSH	65.00	35.00		VAN15002137	33	36.1	7048.4	36108	9.8	30551
A-15-126	667.00	668.50	1.50	2695190	4MPSH	50.00	50.00		VAN15002137	26.6	43	7056.6	45205	8.4	25836
A-15-126	668.50	669.30	0.80	2695191	Shale interbed in 4MPSH	0.00	100.00		VAN15002137	24.2	16.4	1455.4	6227	1.1	32288
A-15-126	669.30	670.23	0.93	2695192	4MPSH	50.00	50.00		VAN15002137	29.2	55.8	5857.8	30868	8.2	23853
A-15-126	CR Dup			2695193					VAN15002137	29.1	54.5	5875.2	31125	8.2	22147
A-15-126	670.23	671.32	1.09	2695194	4MPSH	50.00	50.00		VAN15002137	32.3	38.6	5648	34492	6.8	23334
A-15-126	671.32	672.53	1.21	2695195	4MPSH	90.00	10.00		VAN15002137	32.5	37.9	9729.1	62569	12.3	20302
A-15-126	672.53	674.12	1.59	2695196	4MPSH	35.00	65.00		VAN15002137	27.5	47.7	8967.7	47708	9.2	20103
A-15-126	674.12	675.50	1.38	2695197	4SH	0.50	99.50		VAN15002137	16.1	26	731.3	3109	0.6	6450
A-15-126	675.50	677.00	1.50	2695198	4SH	0.50	99.50		VAN15002137	20.1	39	222.1	1962	0.7	7023
A-15-126	677.00	678.50	1.50	2695199	4SH	0.50	99.50		VAN15002137	18.5	34.1	338.6	3036	0.6	6661
A-15-126	678.50	680.00	1.50	2695200	4SH	0.50	99.50		VAN15002137	19.3	38	313.6	2407	0.5	6404
A-15-126	680.00	681.50	1.50	2695201	4SH	0.50	99.50		VAN15002137	18.1	37.1	301.4	2191	0.5	6279
A-15-126	681.50	683.00	1.50	2695202	4SH	0.50	99.50		VAN15002137	17.8	35.9	313.9	2305	0.5	6884
A-15-126	STD	PB145		2695203			PB145		VAN15002137	6.5	1811.5	13040.5	15711	60.9	650
A-15-126	683.00	684.50	1.50	2695204	4SH	0.50	99.50		VAN15002137	18.2	36.7	316.3	2381	0.6	6729
A-15-126	684.50	686.00	1.50	2695205	4SH	0.50	99.50		VAN15002137	19.2	39.7	299.7	2171	0.7	7568
A-15-126	686.00	687.50	1.50	2695206	4SH	0.50	99.50		VAN15002137	20.1	37.7	290.4	2072	0.6	7960

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
HOLE ID	FROM	TO	LENGTH	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
A-15-126	644.75	645.87	1.12	61.6	5.4	60	1.14	17	9.3	2.6	122	0.6	7.1	<0.5	102	0.45	0.04	13.4
A-15-126	645.87	646.90	1.03	71.5	4.9	94	1.24	17	8.7	2.5	331	1.3	7.1	<0.5	123	1.13	0.043	11.8
A-15-126	646.90	647.90	1.00	62.4	6.6	67	1.38	18	10.4	3.3	263	6.3	9.2	<0.5	111	0.85	0.047	15.2
A-15-126	647.90	648.87	0.97	36.4	4.5	517	2.57	16	4.3	1.8	1870	6.2	8.7	<0.5	68	6.23	0.049	9.9
A-15-126	648.87	649.22	0.35	19.9	1.6	131	1.2	6	0.7	0.9	435	20.7	3.2	<0.5	31	1.34	0.041	4.1
A-15-126	649.22	649.60	0.38	56.9	4.6	189	5.84	38	1.5	3.3	585	57.6	26	<0.5	52	1.97	0.039	12.2
A-15-126	649.60	650.30	0.70	20.3	1.5	398	0.95	<5	0.6	0.6	719	3.2	1.8	<0.5	26	3.93	0.041	3.4
A-15-126	650.30	651.22	0.92	78.2	6.4	1069	3.05	42	4.3	4.1	608	28.5	8.3	<0.5	178	10.95	0.201	17.7
A-15-126	651.22	652.15	0.93	102	3.9	341	16.04	112	3.1	2	64	144.4	42.3	<0.5	58	0.46	0.036	7.9
A-15-126	Pulp Dup			104	4.5	334	15.96	114	2.9	1.7	65	148.1	39.9	<0.5	52	0.42	0.041	7.6
A-15-126	652.15	653.15	1.00	79	5.2	281	10.06	64	2.4	3.1	189	92.4	16.4	<0.5	61	0.83	0.055	13.2
A-15-126	653.15	654.22	1.07	94.5	4.1	454	15.69	101	2.6	2.1	138	144.3	26.9	<0.5	60	0.8	0.043	8.6
A-15-126	654.22	655.00	0.78	82.1	5.9	320	10.88	63	2.7	2.8	155	109.3	18.8	<0.5	64	0.61	0.068	14.4
A-15-126	655.00	656.00	1.00	99.9	6.3	406	13.43	80	3.3	5.1	136	112.8	24.5	<0.5	66	0.81	0.087	20.6
A-15-126	656.00	657.00	1.00	84.5	5.3	301	11.68	66	3.5	3	60	94.8	24.2	<0.5	71	0.46	0.049	13.4
A-15-126	657.00	658.00	1.00	91.9	5.1	337	11.61	74	4.2	2.3	96	123.9	21.8	<0.5	71	0.77	0.067	10.9
A-15-126	658.00	659.00	1.00	82.4	4.1	423	14.95	83	2.6	1.7	87	181.3	22.8	<0.5	64	0.78	0.05	8.5
A-15-126	659.00	660.00	1.00	84.8	3.8	464	14.75	84	2.7	1.6	116	215.6	23.5	<0.5	53	1.14	0.045	6.8
A-15-126	660.00	661.00	1.00	76	4.3	490	11.92	68	2.5	1.8	233	200.3	23.5	<0.5	61	2.72	0.053	7.3
A-15-126	Blank			14.6	9	583	3.62	<5	0.8	2.7	96	<0.5	<0.5	<0.5	101	1.13	0.059	7.1
A-15-126	661.00	661.75	0.75	81.4	8	57	2	15	4.3	4.9	98	29.1	4	<0.5	73	0.37	0.086	21
A-15-126	661.75	662.75	1.00	85.1	4.4	311	12.23	77	2.6	2.8	141	146.4	29.8	<0.5	60	0.62	0.053	11.7
A-15-126	662.75	663.75	1.00	101.7	6	393	13	75	3.4	2.4	837	181.4	25.1	<0.5	58	1.04	0.055	9.8
A-15-126	663.75	665.00	1.25	88.4	5.1	486	13.41	69	4.2	1.5	270	193.5	20.7	<0.5	77	2.8	0.072	6.3
A-15-126	665.00	666.00	1.00	72.6	5.2	497	12.7	66	2.3	2	70	194.4	18.6	<0.5	56	0.76	0.049	9.5
A-15-126	666.00	667.00	1.00	88.1	4.3	475	17.08	90	3	1.6	75	209.5	22.6	<0.5	69	0.51	0.045	7.4
A-15-126	667.00	668.50	1.50	79.4	4.2	575	13.11	71	2.5	1.6	281	249.5	21.6	<0.5	61	3.48	0.054	7
A-15-126	668.50	669.30	0.80	92.4	8.9	66	1.74	14	4.5	5.1	43	32	3.8	<0.5	86	0.33	0.085	22.7
A-15-126	669.30	670.23	0.93	87	4.7	389	13.46	79	2.8	2.2	88	193.4	29.8	<0.5	54	0.59	0.043	9.9
A-15-126	CR Dup			83.1	4.6	382	13.45	73	2.8	2	82	189.3	29.8	<0.5	57	0.6	0.045	9.6
A-15-126	670.23	671.32	1.09	86.6	5.3	392	12.43	71	3.7	2.4	166	206.9	22.2	<0.5	67	0.59	0.053	11.1
A-15-126	671.32	672.53	1.21	75.2	2.4	547	18.51	104	2.6	1.2	89	374.9	25	<0.5	56	0.54	0.038	5.4
A-15-126	672.53	674.12	1.59	82.1	5.2	357	9.31	59	3.1	2.3	189	264.1	45.7	<0.5	65	1.77	0.048	10.4
A-15-126	674.12	675.50	1.38	65.6	6.2	175	1.79	10	3.5	5.4	607	19.3	10.1	<0.5	63	1.3	0.067	22.2
A-15-126	675.50	677.00	1.50	88.9	7.7	118	1.86	17	3.9	7	206	10.9	13.7	<0.5	66	1.05	0.083	26
A-15-126	677.00	678.50	1.50	74.4	7.1	139	1.62	10	4	7.2	239	18	8.6	<0.5	66	1.28	0.085	26.4
A-15-126	678.50	680.00	1.50	68.8	7.5	175	1.79	14	3.9	7	357	12.7	8.8	<0.5	67	1.88	0.082	27.9
A-15-126	680.00	681.50	1.50	70.3	7.9	168	1.68	13	3.7	7	302	11.1	8.6	<0.5	59	1.66	0.077	25.6
A-15-126	681.50	683.00	1.50	68	7.9	147	1.7	12	3.7	6.7	235	13.2	7.9	<0.5	62	1.4	0.08	26.2
A-15-126	STD	PB145		16.6	17.8	1652	4.37	59	0.9	2.5	85	116	177.6	4.8	77	1.93	0.046	7.4
A-15-126	683.00	684.50	1.50	69.4	8	149	1.68	14	4	6.8	249	14.9	8.8	<0.5	62	1.4	0.076	26.5
A-15-126	684.50	686.00	1.50	81	8.4	166	1.9	13	4.2	7.4	291	11.4	9.1	<0.5	68	1.59	0.077	28.8
A-15-126	686.00	687.50	1.50	76.4	7.9	177	1.77	13	3.8	7	360	10.8	8.7	<0.5	61	1.81	0.073	27.5

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
				Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	FROM	TO	LENGTH	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	NONE	KG
A-15-126	644.75	645.87	1.12	5.7	0.06	868	0.003	0.37	<0.01	0.19	<0.5	<0.05	1.1	1.5	1.17	<5	8	2.471	1.51
A-15-126	645.87	646.90	1.03	7.8	0.1	1056	0.003	0.38	<0.01	0.18	<0.5	<0.05	0.7	1.5	1.21	<5	3	2.491	2.25
A-15-126	646.90	647.90	1.00	6.8	0.07	1973	0.003	0.43	<0.01	0.17	<0.5	<0.05	1.2	2.1	1.49	<5	6	2.5	2.32
A-15-126	647.90	648.87	0.97	7.2	0.6	1475	0.003	0.22	<0.01	0.1	<0.5	0.23	1.7	1.6	2.42	<5	10	2.606	2.21
A-15-126	648.87	649.22	0.35	5.3	0.12	768	0.002	0.16	<0.01	0.08	<0.5	0.16	1	1.2	1.21	<5	8	2.604	0.82
A-15-126	649.22	649.60	0.38	8.5	0.2	337	0.004	0.41	<0.01	0.22	<0.5	0.42	1.5	15.7	6.98	<5	25	2.745	1.08
A-15-126	649.60	650.30	0.70	4.7	0.08	2672	0.002	0.14	<0.01	0.06	<0.5	0.08	<0.5	1.2	0.82	<5	<2	2.587	1.58
A-15-126	650.30	651.22	0.92	17.3	0.13	621	0.006	0.68	0.01	0.24	<0.5	0.15	2	5.6	3.6	<5	16	2.563	1.93
A-15-126	651.22	652.15	0.93	7.7	0.03	95	0.004	0.58	<0.01	0.17	<0.5	1.15	1.5	65.3	21.04	<5	37	3.125	2.46
A-15-126	Pulp Dup			7.9	0.04	104	0.004	0.56	<0.01	0.16	<0.5	1.43	1.6	63.4	21.47	<5	35	3.14	
A-15-126	652.15	653.15	1.00	9.3	0.07	172	0.005	0.71	<0.01	0.25	<0.5	0.78	1.6	34.3	13.24	<5	18	2.9	2.32
A-15-126	653.15	654.22	1.07	8.8	0.15	135	0.004	0.6	<0.01	0.19	<0.5	1.22	1.9	61.8	21.05	<5	24	3.118	2.74
A-15-126	654.22	655.00	0.78	10	0.18	172	0.004	1.09	<0.01	0.22	<0.5	0.83	1.8	38.7	13.99	<5	19	2.92	1.78
A-15-126	655.00	656.00	1.00	8.4	0.15	141	0.006	0.72	<0.01	0.18	<0.5	0.77	2.6	53.5	18	<5	32	3.012	2.42
A-15-126	656.00	657.00	1.00	10.2	0.11	149	0.004	0.95	<0.01	0.23	<0.5	0.48	2.7	46	15.29	<5	23	2.941	2.65
A-15-126	657.00	658.00	1.00	8.6	0.14	141	0.004	0.74	<0.01	0.18	<0.5	0.55	1.7	52.5	15.58	<5	17	2.956	2.49
A-15-126	658.00	659.00	1.00	9.8	0.21	124	0.004	0.99	<0.01	0.19	<0.5	0.94	2.9	79.9	19.8	<5	28	3.126	2.48
A-15-126	659.00	660.00	1.00	7.8	0.26	138	0.003	0.85	<0.01	0.13	<0.5	1.14	2.6	84.5	19.39	<5	22	3.128	2.63
A-15-126	660.00	661.00	1.00	8.6	0.3	147	0.004	0.78	<0.01	0.16	<0.5	0.81	3	72.4	15.78	<5	25	3.025	2.56
A-15-126	Blank			17.7	0.83	131	0.174	2.02	0.26	0.26	<0.5	<0.05	3.6	<0.5	<0.05	5	3	I.S.	0.02
A-15-126	661.00	661.75	0.75	8.5	0.08	1263	0.004	1.22	<0.01	0.24	<0.5	0.05	1.9	6.1	2.08	<5	5	2.659	2.05
A-15-126	661.75	662.75	1.00	8.5	0.2	132	0.004	0.56	<0.01	0.2	<0.5	0.76	1.8	65.5	16.34	<5	25	3.012	2.29
A-15-126	662.75	663.75	1.00	7.5	0.15	146	0.003	0.47	<0.01	0.16	<0.5	0.89	1.7	78.9	18.11	<5	22	3.03	2.61
A-15-126	663.75	665.00	1.25	9.7	0.17	105	0.004	0.72	<0.01	0.16	<0.5	0.84	2.3	74.8	17.9	<5	18	3.089	3.38
A-15-126	665.00	666.00	1.00	8.9	0.35	162	0.003	1.27	<0.01	0.15	<0.5	1.05	3.4	84.4	17.04	<5	15	3.11	2.37
A-15-126	666.00	667.00	1.00	10.3	0.24	177	0.004	1.04	<0.01	0.13	<0.5	1.15	3.5	100.8	23.19	<5	25	3.25	2.74
A-15-126	667.00	668.50	1.50	7.6	0.33	148	0.003	0.84	<0.01	0.12	<0.5	1.28	2.9	91.6	18.61	<5	21	3.106	3.77
A-15-126	668.50	669.30	0.80	9.4	0.11	1436	0.005	1.42	<0.01	0.24	<0.5	0.13	2.3	6.8	1.79	<5	9	2.68	1.92
A-15-126	669.30	670.23	0.93	6.9	0.19	124	0.004	0.77	<0.01	0.15	<0.5	0.87	2.8	86.2	18.56	<5	21	3.1	2.45
A-15-126	CR Dup			8.7	0.18	138	0.004	0.79	<0.01	0.16	<0.5	0.98	2.5	83.4	18.5	<5	22	3.084	
A-15-126	670.23	671.32	1.09	9.1	0.2	192	0.004	0.83	<0.01	0.18	<0.5	1.06	2.8	80.9	17.1	<5	21	3.025	2.82
A-15-126	671.32	672.53	1.21	8.3	0.2	93	0.003	0.61	<0.01	0.11	<0.5	2.02	2	146.6	26.02	<5	17	3.315	3.74
A-15-126	672.53	674.12	1.59	7.6	0.19	144	0.004	0.82	<0.01	0.17	<0.5	1.11	1.9	101.8	13.63	<5	21	2.935	3.75
A-15-126	674.12	675.50	1.38	7.9	0.24	810	0.005	0.5	<0.01	0.26	<0.5	0.07	2.4	5.1	2.04	<5	8	2.628	3.36
A-15-126	675.50	677.00	1.50	7	0.22	946	0.005	0.53	<0.01	0.31	<0.5	<0.05	2.1	4.9	2.03	<5	11	2.614	2.96
A-15-126	677.00	678.50	1.50	7.7	0.27	780	0.005	0.53	<0.01	0.31	<0.5	<0.05	2.9	3.8	1.8	<5	11	2.612	3.57
A-15-126	678.50	680.00	1.50	8.1	0.32	807	0.004	0.53	<0.01	0.31	<0.5	<0.05	3.1	3.5	1.79	<5	7	2.606	3.09
A-15-126	680.00	681.50	1.50	7.1	0.3	762	0.004	0.48	<0.01	0.29	<0.5	<0.05	3.4	3.2	1.62	<5	8	2.621	3.25
A-15-126	681.50	683.00	1.50	6.9	0.32	1033	0.004	0.51	<0.01	0.31	<0.5	<0.05	2.8	3.6	1.65	<5	10	2.661	3.09
A-15-126	STD	PB145		23.1	1.31	239	0.129	1.64	0.2	0.21	1.2	0.46	4.2	0.9	1.84	5	<2	I.S.	0.02
A-15-126	683.00	684.50	1.50	6.8	0.31	864	0.004	0.5	<0.01	0.31	<0.5	0.06	3	3.6	1.66	<5	7	2.624	3.25
A-15-126	684.50	686.00	1.50	7	0.32	1457	0.005	0.54	<0.01	0.33	<0.5	<0.05	3.5	3.6	1.85	<5	7	2.641	2.95
A-15-126	686.00	687.50	1.50	6.8	0.36	1711	0.004	0.5	<0.01	0.32	<0.5	0.07	3	3.5	1.79	<5	15	2.603	3.32

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	FROM	TO	LENGTH	SAMPLE #	comments	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM	PPM	PPM
A-15-126	687.50	689.00	1.50	2695207	4SH	0.50	99.50		VAN15002137	19.3	37.5	287.3	2204	0.7	6733
A-15-126	689.00	690.50	1.50	2695208	4SH	0.50	99.50		VAN15002137	18.2	41.6	314.7	2429	0.7	7178
A-15-126	690.50	692.00	1.50	2695209	4SH	0.50	99.50		VAN15002137	17.9	35.9	326.8	2833	0.5	7353
A-15-126	692.00	693.50	1.50	2695210	4SH	0.50	99.50		VAN15002137	21.2	29.6	317.3	2950	0.6	7767
A-15-126	693.50	694.46	0.96	2695211	4SH	0.50	99.50		VAN15002137	19	31.4	454.6	1519	0.7	7890
A-15-126	694.46	695.40	0.94	2695212	4SH	0.50	99.50		VAN15002137	16.3	24.6	1075.3	2504	1	7468
A-15-126	Pulp Dup			2695213					VAN15002137	19.8	27.2	1147.4	2405	1	7408
A-15-126	695.40	696.25	0.85	2695214	4MPSH/4CC	35.00	65.00		VAN15002137	26.6	71.1	8933.1	39198	10.3	8191
A-15-126	696.25	696.95	0.70	2695215	4MPSH/4CC	90.00	10.00		VAN15002137	29	53	20955	129886	21	24107
A-15-126	696.95	697.28	0.33	2695216	4MPSH/4CC	0.00	100.00		VAN15002137	18.4	19.3	3039.5	15157	2	68252
A-15-126	697.28	698.40	1.12	2695217	4MPSH/4CC	95.00	5.00		VAN15002137	30.9	41	14559.3	91669	16.7	22991
A-15-126	698.40	698.90	0.50	2695218	4MPSH/4CC	65.00	35.00		VAN15002137	29.2	35.9	9170.5	36773	9.2	25912
A-15-126	698.90	700.02	1.12	2695219	4MPSH	75.00	25.00		VAN15002137	29.7	37.8	6596.5	35906	7.5	29368
A-15-126	700.02	701.04	1.02	2695220	4MPSH	20.00	80.00		VAN15002137	22.5	31.6	3830	15119	4.1	32269
A-15-126	701.04	701.60	0.56	2695221	4MPSH	80.00	20.00		VAN15002137	28.1	63.1	12026.5	58798	13.5	16242
A-15-126	701.60	702.58	0.98	2695222	4SH interbed within 4MPSH	3.00	97.00		VAN15002137	27.9	15.9	1758.8	6217	1.3	25338
A-15-126	Blank			2695223	BL125				VAN15002137	5.5	92.1	13.9	42	<0.5	599
A-15-126	702.58	703.48	0.90	2695224	4MPSH	75.00	25.00		VAN15002137	28.4	56.6	9224.5	57389	12.7	28177
A-15-126	703.48	704.35	0.87	2695225	4MPSH	55.00	45.00		VAN15002137	25.2	36.1	8383.4	51957	9.3	33297
A-15-126	704.35	705.31	0.96	2695226	4MPSH	50.00	50.00		VAN15002137	26.5	29.5	6368.7	38329	8.2	42876
A-15-126	705.31	706.41	1.10	2695227	4MPSH	65.00	35.00		VAN15002137	29.3	35.4	8666.4	38610	11.7	24759
A-15-126	706.41	707.35	0.94	2695228	4MPSH	95.00	5.00		VAN15002137	30.7	40	9743.8	55748	11.9	30239
A-15-126	707.35	708.00	0.65	2695229	4MPSH	15.00	85.00		VAN15002137	15.6	26.7	4757.6	27756	4.4	39672
A-15-126	708.00	709.00	1.00	2695230	4MPSH	40.00	60.00		VAN15002137	17.8	34.3	4804.6	22127	5.7	40768
A-15-126	709.00	710.00	1.00	2695231	4MPSH	55.00	45.00		VAN15002137	19.6	36.3	5560.9	25123	6.8	36129
A-15-126	710.00	711.00	1.00	2695232	4MPSH	60.00	40.00		VAN15002137	27.6	37.3	8509.6	46030	10.5	44710
A-15-126	CR Dup			2695233	4MPSH				VAN15002137	29.2	36	8503.7	46865	10.8	45103
A-15-126	711.00	712.00	1.00	2695234	4MPSH	55.00	45.00		VAN15002137	29.6	36.8	9480.6	60518	11.7	40307
A-15-126	712.00	713.00	1.00	2695235	4MPSH	70.00	30.00		VAN15002137	28.6	41.2	8099.2	52098	9.2	26279
A-15-126	713.00	714.00	1.00	2695236	4MPSH	45.00	45.00		VAN15002137	27.5	50.2	6866	28252	8	24157
A-15-126	714.00	714.60	0.60	2695237	4MPSH	60.00	40.00		VAN15002137	34.8	50.5	9030.4	51906	11.7	20213
A-15-126	714.60	715.37	0.77	2695238	4MPSH	95.00	5.00		VAN15002137	29.5	39.7	13141.2	69588	15.3	20724
A-15-126	715.37	716.00	0.63	2695239	4MPSH	70.00	30.00		VAN15002137	21.4	46	12057.2	80837	14.4	26416
A-15-126	716.00	716.51	0.51	2695240	4MPSH	35.00	100.00		VAN15002137	31.3	71.7	6350.1	21184	7.3	6139
A-15-126	716.51	718.00	1.49	2695241	4SH	0.00	100.00		VAN15002137	17.1	32.5	859.4	2728	1.2	6129
A-15-126	718.00	719.50	1.50	2695242	4SH	0.00	100.00		VAN15002137	18.2	31.3	396.4	2791	<0.5	6845
A-15-126	STD			2695243	STD PB145				VAN15002137	7.7	1827.1	12891.2	15779	61.2	626
A-15-126	719.50	721.00	1.50	2695244	4SH	0.00	100.00		VAN15002137	18.2	39.1	266.6	2301	<0.5	6704
A-15-126	721.00	722.50	1.50	2695245	4SH	0.00	100.00		VAN15002137	18.6	39.2	221.1	2270	0.5	6798
A-15-126	722.50	724.00	1.50	2695246	4SH	0.00	100.00		VAN15002137	21	45.1	276.6	2358	0.6	7008
A-15-126	724.00	725.50	1.50	2695247	4SH	0.00	100.00		VAN15002137	17.1	35.6	364	2570	0.6	6254
A-15-126	725.50	727.00	1.50	2695248	4SH	0.00	100.00		VAN15002137	15.8	27.1	345.8	2952	<0.5	6540
A-15-126	727.00	728.47	1.47	2695249	4SH	0.00	100.00		VAN15002137	16.5	21.7	439.6	3358	<0.5	6918

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
HOLE ID	FROM	TO	LENGTH	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
A-15-126	687.50	689.00	1.50	74.5	8.3	190	1.92	13	3.8	7.2	337	11.4	8.5	<0.5	68	1.84	0.08	26.9
A-15-126	689.00	690.50	1.50	79.5	8.2	171	1.8	13	3.8	7.3	273	12.5	8.9	<0.5	60	1.51	0.082	25.6
A-15-126	690.50	692.00	1.50	70.5	7.5	149	1.71	13	3.9	6.5	258	16.3	8.9	<0.5	63	1.34	0.077	25.3
A-15-126	692.00	693.50	1.50	72	7.5	141	1.69	13	3.8	7	282	15.6	9.9	<0.5	58	1.29	0.08	26.8
A-15-126	693.50	694.46	0.96	72.6	7.2	193	2.07	15	3.2	6.7	292	7.9	12.9	<0.5	53	1.31	0.083	23.9
A-15-126	694.46	695.40	0.94	74.9	6.5	95	1.67	10	3.9	5.3	164	15.9	11.8	<0.5	56	0.61	0.059	20.3
A-15-126	Pulp Dup			76.4	6.2	94	1.69	11	3.9	5.6	167	14.3	12.4	<0.5	58	0.6	0.056	20.5
A-15-126	695.40	696.25	0.85	84.2	5	233	9.04	68	3.8	3.4	114	254.5	54.2	<0.5	63	0.35	0.041	12.2
A-15-126	696.25	696.95	0.70	69.4	3.3	636	13.08	72	2.9	1.1	121	715.1	65.1	<0.5	56	0.95	0.026	5.2
A-15-126	696.95	697.28	0.33	75.3	7.6	253	2.37	17	3.5	5.5	82	69.1	7.2	<0.5	69	0.74	0.069	23.1
A-15-126	697.28	698.40	1.12	73.7	2.6	646	18.26	101	2.5	1	134	501	24.8	<0.5	50	0.62	0.028	4.9
A-15-126	698.40	698.90	0.50	74.9	4.1	372	16.53	78	3.8	1.5	1143	214.1	23	<0.5	57	0.71	0.04	5.8
A-15-126	698.90	700.02	1.12	81.2	5.1	439	12.77	66	3.4	2.4	1220	204.5	20.1	<0.5	58	0.82	0.047	9.6
A-15-126	700.02	701.04	1.02	78.7	6.8	270	7.34	36	4	3.8	347	85.5	12.2	<0.5	67	0.77	0.062	15.4
A-15-126	701.04	701.60	0.56	75.4	3.6	586	17.61	84	3.6	1.9	178	348.9	39.4	<0.5	59	1.26	0.039	7.1
A-15-126	701.60	702.58	0.98	94.1	8.1	55	1.65	10	5.9	5.1	65	30.9	3.1	<0.5	87	0.28	0.085	21.6
A-15-126	Blank			12.5	9.2	564	3.55	<5	0.8	3	88	<0.5	<0.5	<0.5	97	1.09	0.053	6.7
A-15-126	702.58	703.48	0.90	79.5	3.1	582	16.12	75	3.1	1.2	356	344.6	32.1	<0.5	56	1.59	0.039	5.4
A-15-126	703.48	704.35	0.87	72.5	4.8	525	11.45	49	2.9	2.2	315	279.8	16.4	<0.5	62	1.23	0.045	9
A-15-126	704.35	705.31	0.96	68.3	3.6	483	12.01	58	2.7	1.9	265	210.9	15.2	<0.5	63	0.89	0.045	8.5
A-15-126	705.31	706.41	1.10	80.2	3.6	505	18.46	82	3	1.5	133	226	23.3	<0.5	62	0.47	0.039	6.2
A-15-126	706.41	707.35	0.94	76.9	3.8	550	18.49	74	3.1	0.9	272	324	25.1	<0.5	47	0.85	0.03	4.4
A-15-126	707.35	708.00	0.65	64.8	6.4	347	6.76	30	2.1	4	187	167.3	9.8	<0.5	58	0.63	0.053	17.3
A-15-126	708.00	709.00	1.00	63	5.2	464	10.09	46	2.5	2.6	417	124.4	16.1	<0.5	62	1.09	0.067	11.5
A-15-126	709.00	710.00	1.00	67.2	4.8	433	10.91	54	1.8	2.6	337	138.4	15.2	0.5	37	1.91	0.049	10.7
A-15-126	710.00	711.00	1.00	74.4	3.4	525	16.45	74	3.2	1.1	394	249.8	21.2	<0.5	36	1.44	0.036	4.7
A-15-126	CR Dup			72.6	3.5	499	16.64	74	3.5	1.2	401	258.7	20.8	<0.5	37	1.46	0.037	4.8
A-15-126	711.00	712.00	1.00	78.5	3.9	507	15.39	75	2.9	1.2	396	318.3	19.7	<0.5	41	1.07	0.037	5.1
A-15-126	712.00	713.00	1.00	82.1	4.9	416	10.63	50	3.1	2.1	199	283	17.3	<0.5	57	0.84	0.055	9.6
A-15-126	713.00	714.00	1.00	80.1	4.6	305	11.81	56	3.1	2.2	126	162.4	22.3	0.6	50	0.55	0.051	9.9
A-15-126	714.00	714.60	0.60	89.6	4.7	380	15.49	82	3.3	1.8	110	300.6	26.5	<0.5	43	0.54	0.043	8.1
A-15-126	714.60	715.37	0.77	71.6	3.4	474	18.23	92	2.7	1.1	59	384	23.2	<0.5	37	0.41	0.035	5.3
A-15-126	715.37	716.00	0.63	69.8	4.9	680	9.32	53	2.7	1.8	166	504.3	49.2	<0.5	50	2.09	0.046	7.9
A-15-126	716.00	716.51	0.51	102.9	6.5	163	7.21	68	4.6	4.1	86	137.2	48.2	<0.5	63	0.22	0.052	14.9
A-15-126	716.51	718.00	1.49	70.3	6.4	277	2.25	13	3.3	5.8	380	18.5	10.3	<0.5	57	1.52	0.068	21.8
A-15-126	718.00	719.50	1.50	74.4	7.8	236	1.88	12	3.3	6	439	19.6	7.1	<0.5	61	2.17	0.075	24
A-15-126	STD			16.4	18	1586	4.3	54	1	2.6	86	114.8	188	5.4	76	1.95	0.051	7.3
A-15-126	719.50	721.00	1.50	82.7	8	223	1.96	16	4.1	6.5	319	16.3	6.8	<0.5	56	1.73	0.087	23.1
A-15-126	721.00	722.50	1.50	77.4	8.2	351	1.99	15	4.5	7.4	324	13.4	7.3	<0.5	73	1.94	0.084	26.9
A-15-126	722.50	724.00	1.50	73.9	8.2	228	1.91	16	4.6	7.6	449	14.3	8.2	<0.5	67	2.16	0.083	27.9
A-15-126	724.00	725.50	1.50	56.4	6.7	445	1.67	8	3.7	6.2	585	18.1	6.3	<0.5	66	3.67	0.083	23.1
A-15-126	725.50	727.00	1.50	65	6.9	335	1.72	10	3.9	6.1	444	19.6	6.3	<0.5	65	2.9	0.084	22.4
A-15-126	727.00	728.47	1.47	62.5	6.6	607	1.56	7	3.7	5.8	517	22.5	6	<0.5	53	3.54	0.089	21.6

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
				Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**
A-15-126	687.50	689.00	1.50	8.3	0.35	879	0.005	0.55	<0.01	0.32	<0.5	<0.05	2.9	3.6	1.85	<5	11	2.602	3.49
A-15-126	689.00	690.50	1.50	6.8	0.32	875	0.004	0.48	<0.01	0.29	<0.5	<0.05	2.3	3.4	1.96	<5	6	2.613	3.48
A-15-126	690.50	692.00	1.50	6.6	0.26	815	0.004	0.51	<0.01	0.31	<0.5	0.06	3	3.6	1.91	<5	9	2.602	3.17
A-15-126	692.00	693.50	1.50	7	0.22	955	0.004	0.48	<0.01	0.29	<0.5	0.08	2.4	3.3	1.96	<5	7	2.625	3.4
A-15-126	693.50	694.46	0.96	6.5	0.28	1128	0.004	0.45	<0.01	0.27	<0.5	<0.05	2.7	5	2.26	<5	10	2.668	2.45
A-15-126	694.46	695.40	0.94	6.4	0.12	974	0.004	0.42	<0.01	0.23	<0.5	0.07	1.4	5.3	1.94	<5	16	2.601	2.11
A-15-126	Pulp Dup			7.2	0.13	986	0.004	0.43	<0.01	0.24	<0.5	<0.05	1.6	5.7	1.97	<5	17	2.605	
A-15-126	695.40	696.25	0.85	10	0.05	136	0.005	0.39	<0.01	0.22	<0.5	0.75	0.9	97.3	12.32	<5	27	2.921	2.09
A-15-126	696.25	696.95	0.70	9.3	0.29	107	0.002	0.67	<0.01	0.1	<0.5	3.15	2.5	214.7	21.36	<5	19	3.33	1.94
A-15-126	696.95	697.28	0.33	10.2	0.39	1339	0.004	2.63	<0.01	0.17	<0.5	0.38	3.7	17	1.93	<5	14	2.748	1.01
A-15-126	697.28	698.40	1.12	7.8	0.26	74	0.002	0.53	<0.01	0.09	<0.5	3.05	2.5	185	26	<5	20	3.376	3.14
A-15-126	698.40	698.90	0.50	8.6	0.07	109	0.004	0.54	<0.01	0.15	<0.5	1.42	1.6	102	21.22	<5	20	3.232	1.44
A-15-126	698.90	700.02	1.12	8	0.19	209	0.004	0.61	<0.01	0.16	<0.5	1.31	2.1	92.6	16.5	<5	19	3.09	3.19
A-15-126	700.02	701.04	1.02	10.1	0.24	318	0.004	0.79	<0.01	0.22	<0.5	0.44	1.8	46	8.43	<5	13	2.831	2.1
A-15-126	701.04	701.60	0.56	9.7	0.23	76	0.003	0.34	<0.01	0.13	<0.5	1.79	2.3	143.6	23.38	<5	29	3.281	1.62
A-15-126	701.60	702.58	0.98	9.8	0.09	1476	0.004	0.93	<0.01	0.24	<0.5	0.16	2.5	4.2	1.78	<5	13	2.578	2.09
A-15-126	Blank			17.8	0.82	137	0.171	1.95	0.24	0.25	0.8	<0.05	3.6	<0.5	<0.05	5	<2	I.S.	0.02
A-15-126	702.58	703.48	0.90	8.9	0.24	121	0.003	0.4	<0.01	0.11	<0.5	1.74	3	132.5	20.78	<5	21	3.219	2.77
A-15-126	703.48	704.35	0.87	10	0.36	173	0.003	0.63	<0.01	0.15	<0.5	1.48	3.2	107.1	15.23	<5	12	3.039	2.23
A-15-126	704.35	705.31	0.96	9.4	0.28	136	0.003	0.85	<0.01	0.13	<0.5	1.12	2.8	96.8	15.23	<5	15	3.082	2.66
A-15-126	705.31	706.41	1.10	10.6	0.17	92	0.003	0.45	<0.01	0.12	<0.5	1.37	2.3	138.8	22.99	<5	22	3.235	2.57
A-15-126	706.41	707.35	0.94	8.7	0.2	97	0.002	0.26	<0.01	0.09	<0.5	1.78	2.3	145.3	24.14	<5	17	3.379	2.59
A-15-126	707.35	708.00	0.65	10.7	0.23	371	0.004	1.23	<0.01	0.2	<0.5	0.87	3.2	57.3	8.09	<5	13	2.914	2.07
A-15-126	708.00	709.00	1.00	9.1	0.32	202	0.004	0.77	<0.01	0.19	<0.5	0.69	3.3	71.4	12.05	<5	12	2.962	2.98
A-15-126	709.00	710.00	1.00	6.3	0.26	209	0.003	0.38	<0.01	0.11	<0.5	0.76	1.6	87.6	13.26	<5	12	3.024	2.75
A-15-126	710.00	711.00	1.00	6.8	0.2	325	0.002	0.29	<0.01	0.07	<0.5	1.39	1.4	130.5	20.54	<5	21	3.286	2.28
A-15-126	CR Dup			6.5	0.22	149	0.002	0.3	<0.01	0.07	<0.5	1.4	1.7	121.1	21.04	<5	21	3.293	
A-15-126	711.00	712.00	1.00	6.3	0.25	220	0.002	0.56	<0.01	0.08	<0.5	1.77	1.9	142.1	20.02	<5	19	3.27	2.52
A-15-126	712.00	713.00	1.00	7.5	0.27	264	0.004	0.76	<0.01	0.15	0.5	1.66	2.7	105.5	14.77	<5	19	3.017	3.08
A-15-126	713.00	714.00	1.00	7.8	0.18	153	0.006	0.62	<0.01	0.13	0.5	1.01	1.8	84.6	15.2	<5	21	3.024	1.95
A-15-126	714.00	714.60	0.60	6.5	0.15	130	0.003	0.56	<0.01	0.12	<0.5	1.87	1.9	130.5	20.82	<5	23	3.178	1.67
A-15-126	714.60	715.37	0.77	7.2	0.15	120	0.003	0.57	<0.01	0.09	0.5	2.46	1.5	160.9	24.85	<5	20	3.341	2.22
A-15-126	715.37	716.00	0.63	7.7	0.34	169	0.003	1.02	<0.01	0.15	<0.5	2.24	3.3	144.6	14.17	<5	22	3.013	1.63
A-15-126	716.00	716.51	0.51	8.5	0.06	260	0.004	0.37	<0.01	0.21	<0.5	0.58	1.4	60.4	9.24	<5	27	2.755	1.3
A-15-126	716.51	718.00	1.49	7	0.36	718	0.004	0.43	<0.01	0.23	<0.5	0.09	2.3	6.5	2.5	<5	11	2.607	3.05
A-15-126	718.00	719.50	1.50	6.8	0.34	1140	0.004	0.53	<0.01	0.28	<0.5	0.09	2	3.8	2.01	<5	5	2.564	3.54
A-15-126	STD			23.3	1.3	248	0.128	1.56	0.18	0.21	1.2	0.53	3.3	1.2	1.75	5	4	I.S.	0.02
A-15-126	719.50	721.00	1.50	5.7	0.45	897	0.004	0.47	<0.01	0.27	<0.5	0.11	2.7	3.8	2.04	<5	9	2.576	3.11
A-15-126	721.00	722.50	1.50	8.4	0.49	935	0.005	0.58	<0.01	0.31	<0.5	0.1	3.1	4.8	1.99	<5	8	2.573	3.47
A-15-126	722.50	724.00	1.50	7.7	0.47	1138	0.005	0.57	<0.01	0.31	<0.5	0.07	3.2	4.9	1.99	<5	11	2.597	2.84
A-15-126	724.00	725.50	1.50	7.9	0.47	1145	0.004	0.51	<0.01	0.28	<0.5	<0.05	3	4	1.65	<5	13	2.567	3.35
A-15-126	725.50	727.00	1.50	7.9	0.49	1108	0.005	0.51	<0.01	0.29	<0.5	0.08	3.1	4.2	1.75	<5	10	2.573	4.13
A-15-126	727.00	728.47	1.47	6.5	0.44	1094	0.004	0.38	<0.01	0.22	<0.5	0.1	2.9	3.4	1.67	<5	8	2.608	2.68

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**comments**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-126	728.47	729.10	0.63	2695250	4CC/4MPSH	50.00	50.00		VAN15002137	14.7	73.7	5918	26575	6.8	13432
A-15-126	729.10	730.00	0.90	2695251	4CC/4MPSH	90.00	10.00		VAN15002137	23	47.4	9507.5	49006	12.9	19486
A-15-126	730.00	730.92	0.92	2695252	4CC/4MPSH	70.00	30.00		VAN15002137	24.7	45.4	6610.3	27617	7.1	37198
A-15-126	Pulp Dup			2695253					VAN15002137	25.6	45.8	6675.8	27818	7	37624
A-15-126	730.92	732.12	1.20	2695254	4CC/4MPSH	75.00	25.00		VAN15002137	28.5	61.1	14353.2	73033	16	20329
A-15-126	732.12	732.92	0.80	2695255	4SH	0.00	100.00		VAN15002137	11.1	22.8	835	3383	1.2	31692
A-15-126	732.92	733.65	0.73	2695256	4CC/4MPSH	45.00	55.00		VAN15002137	30.1	62.6	7560.9	38685	8.9	27470
A-15-126	733.65	734.20	0.55	2695257	4SH/weak 4MPSH	75.00	25.00		VAN15002137	30.3	73.9	13532.4	77618	14.4	23183
A-15-126	734.20	735.40	1.20	2695258	4CC/4MPSH	15.00	85.00		VAN15002137	22.6	32.4	2252.4	9808	2.3	19580
A-15-126	735.40	736.32	0.92	2695259	4CC/4MPSH	25.00	75.00		VAN15002137	24.1	58.8	3151.4	19838	4.4	26419
A-15-126	736.32	736.85	0.53	2695260	4CC/4MPSH	90.00	10.00		VAN15002137	27.5	62.8	4923.1	25792	8.9	25564
A-15-126	736.85	737.65	0.80	2695261	4CC/4MPSH	55.00	45.00		VAN15002137	29.5	44.5	2003.1	11239	3	35428
A-15-126	737.65	738.35	0.70	2695262	4CC/4MPSH	75.00	25.00		VAN15002137	28.3	45.8	4274.8	25767	4.5	39071
A-15-126	Blank			2695263	BL125				VAN15002137	4.9	94.8	5.3	50	<0.5	625
A-15-126	738.35	739.25	0.90	2695264	4CC/4MPSH	55.00	45.00		VAN15002137	29	53.5	6479.9	41592	4.1	34717
A-15-126	739.25	740.60	1.35	2695265	4SH	3.00	97		VAN15002137	28.6	36.2	1329.2	7417	1.9	22201
A-15-126	740.60	741.65	1.05	2695266	4CC/4MPSH	50.00	50.00		VAN15002137	29.8	89.3	9102.4	49686	5.6	24383
A-15-126	741.65	743.00	1.35	2695267	4SH	3.00	97.00		VAN15002137	12.4	14.5	577.8	4392	0.9	9944
A-15-126	743.00	744.25	1.25	2695268	4SH	0.00	100.00		VAN15002137	21.3	18.7	410	4538	0.7	18143
A-15-126	744.25	744.78	0.53	2695269	4LPSH	30.00	70.00		VAN15002137	19.4	59.2	8775.2	38492	4.1	17824
A-15-126	744.78	745.90	1.12	2695270	4LPSH	15.00	85.00		VAN15002137	26	62.6	1073.9	15366	2	15692
A-15-126	745.90	747.00	1.10	2695271	4LPSH	10.00	90.00		VAN15002137	28.5	50.7	832.2	15556	1.6	14181
A-15-126	747.00	748.00	1.00	2695272	4LPSH	10.00	90.00		VAN15002137	25.5	47.4	580.1	7807	1.6	14566
A-15-126	CR Dup			2695273					VAN15002137	21.9	47.3	548.1	7282	1.5	14657
A-15-126	748.00	749.00	1.00	2695274	4LPSH	25.00	75.00		VAN15002137	22.5	50.9	625.9	4586	2	16628
A-15-126	749.00	750.00	1.00	2695275	4LPSH	30.00	7.00		VAN15002137	24.1	59.1	588.1	5209	2.9	12298
A-15-126	750.00	751.00	1.00	2695276	4LPSH	25.00	75.00		VAN15002137	18.9	39.7	396.6	5049	2	13521
A-15-126	751.00	752.00	1.00	2695277	4LPSH	15.00	85.00		VAN15002137	22.5	33.1	431.7	6645	1.9	15540
A-15-126	752.00	753.00	1.00	2695278	4LPSH	20.00	80.00		VAN15002137	16.8	35.2	402.4	4678	2	18669
A-15-126	753.00	754.00	1.00	2695279	4LPSH	40.00	60.00		VAN15002137	14.9	49.1	1117.2	5945	3.4	20808
A-15-126	754.00	754.60	0.60	2695280	4LPSH with potential Sph.	50.00	50.00		VAN15002137	15.2	37.6	795.1	10951	3.2	20423
A-15-126	754.60	755.25	0.65	2695281	4SH	2.00	98.00		VAN15002137	7	6.8	89.4	1627	<0.5	31123
A-15-126	755.25	756.04	0.79	2695282	4LPSH with potential Sph.	50.00	50.00		VAN15002137	11.6	28.3	560	5900	2.4	26179
A-15-126	STD			2695283				PB145	VAN15002137	7.4	1819.7	13172.3	15575	60.4	608
A-15-126	756.04	757.00	0.96	2695284	4LPSH with potential Sph.	65.00	35.00		VAN15002137	12.8	35.9	2024.4	16254	5.7	12921
A-15-126	757.00	758.00	1.00	2695285	4LPSH with potential Sph.	60.00	40.00		VAN15002137	9.4	27.6	2406.5	19147	6.3	16201
A-15-126	758.00	758.75	0.75	2695286	4LPSH with potential Sph.	90.00	10.00		VAN15002137	10.1	31.1	2891.1	20712	7.9	11358
A-15-126	758.75	759.78	1.03	2695287	4LPSH with potential Sph.	80.00	20.00		VAN15002137	12.4	31.5	1045.6	4653	6.2	9721
A-15-126	759.78	760.93	1.15	2695288	4LPSH	35.00	65.00		VAN15002137	18.5	38.2	757	388	5.1	10680
A-15-126	760.93	762.00	1.07	2695289	5SH/5BXLS	10.00	90.00		VAN15002137	16.5	34.4	498.8	1875	3.9	10492
A-15-126	762.00	762.70	0.70	2695290	5SH/5BXLS	3.00	97.00		VAN15002137	19.5	38.9	546.9	3263	4.2	8500
A-15-126	762.70	764.00	1.30	2695291	5BXLS	5.00	95.00		VAN15002137	13.3	27.9	392.4	1008	3	9798
A-15-126	764.00	765.00	1.00	2695292	5BXLS	7.00	93.00		VAN15002137	12.6	29.4	461.8	26	3.3	7445

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
HOLE ID	FROM	TO	LENGTH	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
A-15-126	728.47	729.10	0.63	68.7	5.4	1050	10.75	39	3.2	2.9	586	179.1	52.8	<0.5	47	2.11	0.056	10
A-15-126	729.10	730.00	0.90	73.3	4.2	1111	15.78	60	4.1	1.4	163	319.5	58.6	<0.5	57	0.44	0.04	6.2
A-15-126	730.00	730.92	0.92	72.7	4.8	483	8.44	35	4.5	2.5	1310	183.7	29.8	<0.5	71	1.16	0.049	11.1
A-15-126	Pulp Dup			71.6	5.3	488	8.49	34	4.6	2.6	1353	183.3	30.1	<0.5	72	1.16	0.051	11
A-15-126	730.92	732.12	1.20	68.3	4.2	875	11.71	42	5.3	1.9	1555	488.4	56	<0.5	59	2.38	0.042	6.4
A-15-126	732.12	732.92	0.80	65.6	7.7	123	1.62	10	3.3	5.7	277	19.1	6.3	<0.5	44	0.58	0.064	22.7
A-15-126	732.92	733.65	0.73	82.7	5.5	578	7.69	40	5.1	3	332	243.5	48.2	<0.5	70	2.77	0.058	11.1
A-15-126	733.65	734.20	0.55	72.1	4	696	10.1	47	4.3	2.3	427	469.9	66.6	<0.5	65	2.27	0.043	8.3
A-15-126	734.20	735.40	1.20	80.3	7.8	274	2.94	18	5.3	5.6	342	57.7	15.4	<0.5	70	1.34	0.067	20.1
A-15-126	735.40	736.32	0.92	83.4	6.3	538	7.18	36	4.9	3.5	618	119.2	43.2	<0.5	65	1.26	0.056	13.8
A-15-126	736.32	736.85	0.53	66.4	4.4	796	14.89	62	5.3	2	695	160.5	87.3	<0.5	67	0.5	0.037	7.1
A-15-126	736.85	737.65	0.80	85.7	6.5	313	6.68	46	5.6	3	480	66.2	36.1	<0.5	80	0.63	0.052	14.2
A-15-126	737.65	738.35	0.70	75.7	5.2	394	9.85	47	4.7	2	348	160	56.4	<0.5	76	0.6	0.043	9.9
A-15-126	Blank			14.3	9.2	586	3.58	<5	1	3	102	<0.5	<0.5	<0.5	98	1.1	0.056	7.6
A-15-126	738.35	739.25	0.90	78.4	5.4	440	8.42	50	5.6	2.2	619	249.9	58.3	<0.5	80	1.01	0.042	11.7
A-15-126	739.25	740.60	1.35	81.3	6.5	147	1.82	22	8.1	4.3	3670	44	14.7	<0.5	90	1.22	0.091	17.9
A-15-126	740.60	741.65	1.05	80.7	5.2	367	7.25	60	5	3	798	304.9	70.1	<0.5	76	0.61	0.043	12.1
A-15-126	741.65	743.00	1.35	55.4	5.5	326	1.71	9	3	4.6	855	22.2	8.5	<0.5	62	2.09	0.113	16.9
A-15-126	743.00	744.25	1.25	85.9	8.2	182	1.63	12	4.1	6.8	277	25	10.8	<0.5	91	1.36	0.184	22.4
A-15-126	744.25	744.78	0.53	76.1	6	467	4.22	20	3.6	3.9	808	209.7	40.8	<0.5	61	1.92	0.079	11.7
A-15-126	744.78	745.90	1.12	87	6.6	201	4.14	53	4.5	4.4	513	81.2	33.4	<0.5	75	0.69	0.058	13.7
A-15-126	745.90	747.00	1.10	82.4	7	399	3.75	37	5.1	4.5	436	87.4	27.4	<0.5	75	1.47	0.063	13.3
A-15-126	747.00	748.00	1.00	92.8	6.6	502	4.45	35	3.6	4.4	349	38.2	28.6	<0.5	72	1.76	0.064	13.5
A-15-126	CR Dup			92.8	7.2	480	4.17	35	3.3	4	335	36.9	27	<0.5	76	1.7	0.062	13
A-15-126	748.00	749.00	1.00	76.6	5.4	666	5.48	51	3.2	4	683	24.6	34.3	<0.5	69	2.95	0.062	11.6
A-15-126	749.00	750.00	1.00	89.5	6.4	518	6.84	56	3	3.7	222	23.8	39.1	<0.5	68	1.61	0.063	10.4
A-15-126	750.00	751.00	1.00	80.8	6.9	495	5.48	35	3	4.3	440	24.4	25.5	<0.5	70	2.51	0.077	11.8
A-15-126	751.00	752.00	1.00	92.1	7.5	411	4.95	34	3.7	3.9	368	27.4	21.2	<0.5	75	1.67	0.08	12.6
A-15-126	752.00	753.00	1.00	78	6.5	342	6.08	43	2.4	4.1	365	20.4	22.5	<0.5	64	2.1	0.082	13.9
A-15-126	753.00	754.00	1.00	77.1	5.3	221	9.71	59	2.1	2.7	346	23.1	30	<0.5	65	1.25	0.069	10.2
A-15-126	754.00	754.60	0.60	96.2	7.1	338	8.34	57	2.4	2.6	162	43.2	21.1	<0.5	64	1.3	0.098	9.6
A-15-126	754.60	755.25	0.65	38.5	5.9	417	1.84	6	1.3	5.2	456	6.4	1.7	<0.5	45	3.14	0.066	22.1
A-15-126	755.25	756.04	0.79	67.6	5.7	815	7.31	38	1.8	2.9	464	21.7	9.5	<0.5	55	3.31	0.075	10.9
A-15-126	STD			15.2	17.8	1602	4.34	57	0.8	2.2	84	124.5	172.3	5	78	1.96	0.048	6.6
A-15-126	756.04	757.00	0.96	60	4.1	469	15.31	66	1.6	1.6	212	55.4	15.8	<0.5	59	1.5	0.071	5.7
A-15-126	757.00	758.00	1.00	52.4	4.3	214	14.72	59	1.1	1.9	131	65.5	8.1	<0.5	57	0.94	0.059	7.5
A-15-126	758.00	758.75	0.75	58.3	4.7	201	16.45	76	1.3	1.9	104	83.8	9.7	<0.5	60	0.6	0.059	7
A-15-126	758.75	759.78	1.03	61.3	4.3	497	12.94	78	1.1	1.9	126	21.4	8.5	<0.5	60	1	0.04	5.9
A-15-126	759.78	760.93	1.15	98.6	5	464	10.46	94	1.5	2.6	64	2.4	9.9	<0.5	77	0.6	0.034	8.3
A-15-126	760.93	762.00	1.07	104.7	5.8	579	5.42	66	1.8	3.3	194	13.2	8.4	<0.5	70	2.67	0.058	9.6
A-15-126	762.00	762.70	0.70	130.1	5.7	317	4.9	67	2.2	3.5	87	23.1	10	<0.5	75	0.94	0.044	11.4
A-15-126	762.70	764.00	1.30	68.6	4.7	971	3.46	36	1.8	3.1	551	7.1	9.5	<0.5	60	8.08	0.085	10.9
A-15-126	764.00	765.00	1.00	64.8	4.5	1383	4	42	1.3	2.5	766	<0.5	15	<0.5	52	12.71	0.07	7.3

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
				Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**
A-15-126	728.47	729.10	0.63	7.8	0.46	196	0.004	0.5	<0.01	0.19	<0.5	0.73	2.8	48	13.44	<5	18	2.978	1.8
A-15-126	729.10	730.00	0.90	6.7	0.13	89	0.003	0.63	<0.01	0.15	<0.5	1.62	2.2	94.1	20.2	<5	29	3.197	2.62
A-15-126	730.00	730.92	0.92	8.2	0.21	219	0.005	1.08	<0.01	0.19	<0.5	0.95	2.9	65.2	10.3	<5	31	2.943	2.45
A-15-126	Pulp Dup			8.2	0.21	210	0.005	1.09	<0.01	0.19	<0.5	0.93	2.9	63.7	10.46	<5	35	2.951	
A-15-126	730.92	732.12	1.20	5	0.23	154	0.003	0.51	<0.01	0.13	<0.5	2.66	2.5	133.4	16.57	<5	43	3.129	3.41
A-15-126	732.12	732.92	0.80	5.9	0.21	1982	0.004	1.12	<0.01	0.19	<0.5	0.14	2.6	8.7	1.4	<5	11	2.665	1.9
A-15-126	732.92	733.65	0.73	7.1	0.22	262	0.004	0.88	<0.01	0.2	<0.5	1.11	2.9	89.3	10.16	<5	45	2.873	1.87
A-15-126	733.65	734.20	0.55	6.4	0.46	169	0.004	0.56	<0.01	0.16	<0.5	2.18	2.4	150.8	15.48	<5	56	3.066	1.61
A-15-126	734.20	735.40	1.20	7.6	0.19	697	0.005	0.71	<0.01	0.23	<0.5	0.36	2.8	22.3	3.46	<5	19	2.676	3.09
A-15-126	735.40	736.32	0.92	7.5	0.27	322	0.004	0.86	<0.01	0.2	<0.5	0.7	2.6	52.2	8.3	<5	30	2.834	2.56
A-15-126	736.32	736.85	0.53	6	0.08	106	0.004	0.61	<0.01	0.16	<0.5	0.76	1.8	96.2	18.62	<5	52	3.116	1.54
A-15-126	736.85	737.65	0.80	7.2	0.14	305	0.005	1.36	<0.01	0.19	<0.5	0.44	2.8	46.3	7.28	<5	28	2.829	2.4
A-15-126	737.65	738.35	0.70	6.5	0.2	154	0.004	1.12	<0.01	0.17	<0.5	0.65	3.1	87.5	11.93	<5	27	2.966	2.06
A-15-126	Blank			18.2	0.82	133	0.172	1.92	0.24	0.23	0.5	<0.05	3.5	<0.5	<0.05	6	<2	I.S.	0.02
A-15-126	738.35	739.25	0.90	7.3	0.19	159	0.004	0.85	<0.01	0.17	<0.5	1.12	2.8	107.6	11.08	<5	41	2.959	2.4
A-15-126	739.25	740.60	1.35	9.3	0.08	1430	0.004	0.78	<0.01	0.19	<0.5	0.27	1.8	12.3	1.87	<5	13	2.623	3.17
A-15-126	740.60	741.65	1.05	7	0.16	201	0.004	0.58	<0.01	0.19	<0.5	1.14	1.9	126.2	10.17	<5	62	2.882	2.87
A-15-126	741.65	743.00	1.35	7.7	0.45	1304	0.005	0.37	<0.01	0.2	<0.5	<0.05	2.4	5.4	1.95	<5	9	2.607	3.77
A-15-126	743.00	744.25	1.25	9.7	0.45	1625	0.006	0.55	<0.01	0.29	<0.5	0.13	3.1	5.7	2.1	<5	12	2.559	2.81
A-15-126	744.25	744.78	0.53	6.5	0.5	339	0.003	0.38	<0.01	0.19	<0.5	0.55	2.6	57.7	6.95	<5	88	2.734	1.41
A-15-126	744.78	745.90	1.12	6.6	0.14	394	0.004	0.42	<0.01	0.24	<0.5	0.19	1.7	47.2	5.78	<5	32	2.689	2.95
A-15-126	745.90	747.00	1.10	6.8	0.18	509	0.004	0.41	<0.01	0.22	<0.5	0.32	2.2	40.7	5.22	<5	29	2.673	2.71
A-15-126	747.00	748.00	1.00	7.5	0.23	407	0.004	0.44	<0.01	0.23	<0.5	0.18	2.4	28.4	5.57	<5	31	2.665	2.81
A-15-126	CR Dup			7	0.24	444	0.004	0.46	<0.01	0.24	<0.5	0.17	2.3	27.5	5.21	<5	27	2.648	
A-15-126	748.00	749.00	1.00	6.9	0.41	387	0.004	0.44	<0.01	0.22	<0.5	0.11	3.4	37.3	6.63	<5	29	2.698	2.8
A-15-126	749.00	750.00	1.00	8.5	0.15	302	0.004	0.46	<0.01	0.22	<0.5	0.16	2.2	33.5	8.49	<5	26	2.696	2.87
A-15-126	750.00	751.00	1.00	7.4	0.43	366	0.004	0.45	<0.01	0.23	<0.5	0.09	3.5	22.9	6.82	<5	18	2.683	2.77
A-15-126	751.00	752.00	1.00	7.6	0.24	432	0.004	0.54	<0.01	0.24	<0.5	0.15	2.9	22.9	6.25	<5	20	2.612	2.66
A-15-126	752.00	753.00	1.00	8.6	0.47	351	0.004	0.48	<0.01	0.23	<0.5	0.18	3.5	22	7.36	<5	12	2.7	2.77
A-15-126	753.00	754.00	1.00	8.4	0.28	222	0.004	0.57	<0.01	0.2	<0.5	0.24	2.8	42.6	12.08	<5	25	2.8	2.6
A-15-126	754.00	754.60	0.60	8.1	0.22	247	0.003	0.58	<0.01	0.21	<0.5	0.39	2.5	37.1	10.44	<5	17	2.804	1.72
A-15-126	754.60	755.25	0.65	6.7	0.49	1188	0.004	0.64	<0.01	0.24	<0.5	0.12	4.4	3.3	2.03	<5	8	2.648	1.57
A-15-126	755.25	756.04	0.79	8.6	0.44	212	0.004	0.53	<0.01	0.2	<0.5	0.31	3.1	27.9	8.76	<5	9	2.793	2.24
A-15-126	STD			23	1.32	237	0.131	1.64	0.19	0.2	1.4	0.45	3.8	1.1	1.95	5	4	I.S.	0.02
A-15-126	756.04	757.00	0.96	9.6	0.14	108	0.004	0.42	<0.01	0.18	<0.5	0.72	1.6	70.5	19.64	<5	17	3.047	2.74
A-15-126	757.00	758.00	1.00	8.5	0.26	94	0.004	0.38	<0.01	0.18	<0.5	0.89	2.1	66.3	19.31	<5	10	3.081	3.03
A-15-126	758.00	758.75	0.75	9.6	0.14	78	0.004	0.36	<0.01	0.18	<0.5	1	1.5	67.8	21.64	<5	13	3.123	2.3
A-15-126	758.75	759.78	1.03	8.3	0.14	100	0.004	0.35	<0.01	0.18	<0.5	0.32	1.7	42.7	17.09	<5	13	2.934	2.41
A-15-126	759.78	760.93	1.15	10.9	0.18	176	0.004	0.39	<0.01	0.2	<0.5	0.12	2.1	33.7	13.33	<5	12	2.808	3.23
A-15-126	760.93	762.00	1.07	10	0.25	365	0.004	0.42	<0.01	0.22	<0.5	0.19	2.7	23	6.62	<5	12	2.677	2.55
A-15-126	762.00	762.70	0.70	10.1	0.16	620	0.004	0.39	<0.01	0.21	<0.5	0.19	2.1	25.2	6.2	<5	15	2.654	1.56
A-15-126	762.70	764.00	1.30	11	0.37	673	0.004	0.39	0.01	0.19	<0.5	0.07	2.8	16.8	4.21	<5	5	2.708	3.23
A-15-126	764.00	765.00	1.00	12.5	0.2	582	0.003	0.3	0.01	0.15	<0.5	0.14	3.4	20.5	4.74	<5	6	2.697	2.47

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	FROM	TO	LENGTH	SAMPLE #	comments	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM	PPM	PPM
A-15-126	Pulp Dup			2695293					VAN15002137	11.1	31.8	439	27	3.3	7531
A-15-126	765.00	766.00	1.00	2695294	5BXLS	15.00	85.00		VAN15002137	12.6	32.5	436.9	28	2.8	7931
A-15-126	766.00	767.00	1.00	2695295	5BXLS	10.00	90.00		VAN15002137	10.8	35.4	335	20	1.8	9293
A-15-126	767.00	768.03	1.03	2695296	5BXLS	3.00	97.00		VAN15002137	7.1	25.7	200.4	175	0.5	13743
A-15-126	768.03	768.75	0.72	2695297	5BXLS	5.00	95.00		VAN15002137	14	39.6	281.2	13	0.7	24686
A-15-126	768.75	769.70	0.95	2695298		3.00	97.00		VAN15002137	25.9	46.6	245.8	882	0.9	66030
A-15-126	769.70	771.00	1.30	2695299	5LBSH	5.00	95.00		VAN15002137	12.4	28.4	156.2	1070	0.5	207265
A-15-126	771.00	772.00	1.00	2695300	5LBSH	2.00	98.00		VAN15002137	19.4	30	120.8	3980	0.6	150470
A-15-126	772.00	772.75	0.75	2695301	5LBSH	1.00	99.00		VAN15002137	23.1	42.3	129.1	109	0.9	36504
A-15-126	772.75	774.00	1.25	2695302	5SS	1.00	99.00		VAN15002137	28	38.1	104.4	1495	1.1	18236
A-15-126	Blank			2695303	BL125				VAN15002137	5.8	89.1	5.5	47	<0.5	633
A-15-126	774.00	775.00	1.00	2695304	5SS	2.00	98.00		VAN15002137	27.6	37.8	93.2	12	1	16323
A-15-126	775.00	776.00	1.00	2695305	5SS	1.00	99.00		VAN15002137	28.3	36.5	85.6	18	1.1	14392
A-15-126	776.00	777.00	1.00	2695306	5SS	1.00	99.00		VAN15002137	28	55.9	109.9	14	3	14210
A-15-126	777.00	778.00	1.00	2695307	5SS	1.00	99.00		VAN15002137	30.5	66.7	98.6	20	2	12896
A-15-126	778.00	779.00	1.00	2695308	5SS	1.00	99.00		VAN15002137	31.5	51	68.3	21	1.1	10306
A-15-126	779.00	780.00	1.00	2695309	5SS	1.00	99.00		VAN15002137	43.9	58.3	107.4	27	1.4	12175
A-15-126	780.00	781.39	1.39	2695310	5SS	1.00	99.00		VAN15002137	36.3	45.6	84.8	15	1.1	10348
A-15-126	781.39	782.21	0.82	2695311	5BXLS	3.00	97.00		VAN15002137	28.4	59.6	88.1	18	1.3	9806
A-15-126	782.21	783.26	1.05	2695312	5SS	2.00	98.00		VAN15002137	31.1	50.4	57	15	0.9	11528
A-15-126	CR Dup			2695313					VAN15002137	28.5	48.4	53.6	16	0.8	10743
A-15-126	783.26	783.56	0.30	2695314	5BXLS	2.00	98.00		VAN15002137	29.3	66.4	85.6	30	1.5	11275
A-15-126	783.56	784.92	1.36	2695315	5SS	2.00	98.00		VAN15002137	33.3	45.9	49.4	13	0.8	10614
A-15-126	784.92	785.38	0.46	2695316	5BXLS	5.00	95.00		VAN15002137	43.1	70.2	64.1	10	1.4	7077
A-15-126	785.38	786.18	0.80	2695317	5SS	3.00	97.00		VAN15002137	28.3	39	40.4	8	0.6	11140
A-15-126	786.18	786.41	0.23	2695318	5BXLS	1.00	99.00		VAN15002137	26	44.8	29.8	32	0.8	7301
A-15-126	786.41	787.50	1.09	2695319	5SS	2.00	98.00		VAN15002137	37.5	51.8	45.4	10	0.8	9228
A-15-126	787.50	788.50	1.00	2695320	5SS	2.00	98.00		VAN15002137	32.3	55	47.9	13	0.8	8104
A-15-126	788.50	789.73	1.23	2695321	5SS	1.00	99.00		VAN15002137	31.1	45.7	44.9	10	0.8	8698
A-15-126	789.73	791.00	1.27	2695322	5BXLS	2.00	98.00		VAN15002137	26.3	50.1	42.3	15	0.8	8044
A-15-126	STD			2695323				PB145	VAN15002137	6.7	1860.7	12732.5	16016	61.6	620
A-15-126	791.00	792.00	1.00	2695324	5BXLS	1.00	99.00		VAN15002137	24	53.8	49.5	11	0.8	9217
A-15-126	792.00	793.00	1.00	2695325	5BXLS	1.00	99.00		VAN15002137	18.5	52.4	46	30	0.7	10556
A-15-126	793.00	794.00	1.00	2695326	5BXLS	1.00	99.00		VAN15002137	23.6	35.2	31	123	0.6	5574
A-15-126	794.00	795.00	1.00	2695327	5BXLS	1.00	99.00		VAN15002137	33.2	47.2	47.1	7	0.8	7370
A-15-126	795.00	796.00	1.00	2695328	5BXLS	1.00	99.00		VAN15002137	29.6	48.3	39.5	231	0.7	6389
A-15-126	796.00	797.00	1.00	2695329	5BXLS	1.00	99.00		VAN15002137	21	46.3	47.8	96	0.7	5089
A-15-126	797.00	798.00	1.00	2695330	5BXLS	1.00	99.00		VAN15002137	26	42.3	29.3	17	0.6	3980
A-15-126	798.00	799.00	1.00	2695331	5BXLS	1.00	99.00		VAN15002137	33.4	41.8	38.5	5	0.6	4530
A-15-126	799.00	800.00	1.00	2695332	5BXLS	2.00	98.00		VAN15002137	32.5	46.4	45.9	6	0.8	2621
A-15-126	Pulp Dup			2695333					VAN15002137	33.2	48.3	43.7	7	0.8	2704
A-15-126	800.00	801.00	1.00	2695334	5BXLS	1.00	99.00		VAN15002137	30.7	45.6	38.8	9	0.7	2579
A-15-126	801.00	802.00	1.00	2695335	5BXLS	0.50	99.50		VAN15002137	21.6	33.4	28.9	35	0.5	2793

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
HOLE ID	**FROM**	**TO**	**LENGTH**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**%**	**PPM**
A-15-126	Pulp Dup			62.7	3.6	1394	4.01	39	1.2	2.2	729	<0.5	15.2	<0.5	52	13.11	0.064	6.8
A-15-126	765.00	766.00	1.00	65.5	3.5	1554	4.96	57	1.4	2.2	923	<0.5	18.6	<0.5	49	16.1	0.053	7.3
A-15-126	766.00	767.00	1.00	59.4	3.5	1381	3.69	48	1.4	2.3	1099	<0.5	16	<0.5	53	18.66	0.044	9.4
A-15-126	767.00	768.03	1.03	39.7	3.7	998	1.24	9	1.5	2.5	918	1.8	9.2	<0.5	55	15.38	0.046	11.6
A-15-126	768.03	768.75	0.72	64.7	6.6	276	2.22	14	2.4	4.1	173	<0.5	14	<0.5	50	3.11	0.041	16.1
A-15-126	768.75	769.70	0.95	85.2	8.4	201	2.74	27	6.6	3	266	7.6	19.3	<0.5	49	1.54	0.045	13
A-15-126	769.70	771.00	1.30	32.4	5.9	310	2.07	17	4	3.4	1230	8.2	14.1	<0.5	127	5.15	0.039	15.6
A-15-126	771.00	772.00	1.00	58.5	3.9	725	1.83	11	5	2.4	876	35.6	18	<0.5	304	6.95	0.033	11.7
A-15-126	772.00	772.75	0.75	83.8	6.1	345	2.18	25	8.2	3.2	259	<0.5	22.8	<0.5	119	3.08	0.048	10.2
A-15-126	772.75	774.00	1.25	84.5	5.4	501	1.68	17	9.2	3.1	415	16.9	20.3	<0.5	138	5.93	0.048	10
A-15-126	Blank			13.1	9.2	542	3.5	<5	1.1	3.1	91	<0.5	<0.5	<0.5	95	1.03	0.057	6.5
A-15-126	774.00	775.00	1.00	88	5.7	362	1.89	18	9.3	3.3	260	<0.5	20	<0.5	114	5.52	0.052	9.1
A-15-126	775.00	776.00	1.00	91.1	7	199	1.8	19	9.1	3.5	162	<0.5	19.4	<0.5	105	2.85	0.049	10.3
A-15-126	776.00	777.00	1.00	105.8	7.4	71	2.57	28	7.8	3.6	64	<0.5	25.6	<0.5	111	0.42	0.039	10.9
A-15-126	777.00	778.00	1.00	108.8	7.3	90	2.46	34	9.9	4	85	<0.5	24.1	<0.5	125	0.58	0.049	12
A-15-126	778.00	779.00	1.00	100.7	7.1	216	2	29	15.4	3.4	198	<0.5	18.2	<0.5	111	3.39	0.126	12.1
A-15-126	779.00	780.00	1.00	97.1	8.1	171	2.67	35	12.3	3.5	150	<0.5	26.2	<0.5	56	1.86	0.047	10.7
A-15-126	780.00	781.39	1.39	115.2	8.5	123	2.53	26	10	3.3	141	<0.5	19.3	<0.5	86	1.26	0.038	10.7
A-15-126	781.39	782.21	0.82	111.3	9.6	241	3.46	32	9.6	3.4	281	<0.5	23.3	<0.5	67	2.92	0.046	10.4
A-15-126	782.21	783.26	1.05	98.6	7.2	81	1.88	19	8.1	3.1	62	<0.5	17	<0.5	95	0.54	0.022	15.4
A-15-126	CR Dup			95.1	7.1	76	1.85	16	7.7	3.1	56	<0.5	15.7	<0.5	93	0.49	0.021	13.9
A-15-126	783.26	783.56	0.30	108.8	11.2	240	3.3	33	7.9	3.2	280	<0.5	23.1	<0.5	44	3.32	0.061	11.8
A-15-126	783.56	784.92	1.36	95.6	7.5	77	1.77	17	8.7	3.3	59	<0.5	15.5	<0.5	100	0.53	0.037	14.7
A-15-126	784.92	785.38	0.46	117	7.3	117	2.49	28	16	2.5	129	<0.5	20.3	<0.5	65	1.33	0.058	9.4
A-15-126	785.38	786.18	0.80	91.9	7.4	80	1.63	14	8.5	3.7	59	<0.5	13.7	<0.5	95	0.62	0.036	15.4
A-15-126	786.18	786.41	0.23	82.6	5.9	101	1.45	16	9	2.4	151	<0.5	14.1	<0.5	67	0.86	0.055	8.3
A-15-126	786.41	787.50	1.09	104.2	8	91	1.65	22	11.3	4	94	<0.5	17.4	<0.5	104	0.83	0.047	13.9
A-15-126	787.50	788.50	1.00	108	7.5	94	2	20	10.4	3.6	127	<0.5	19.5	<0.5	94	0.98	0.046	13.2
A-15-126	788.50	789.73	1.23	103.3	7.7	107	1.82	16	9.2	4.1	138	<0.5	13.4	<0.5	93	1	0.047	13.7
A-15-126	789.73	791.00	1.27	100.9	8	147	1.95	20	9.4	3.5	154	<0.5	14.8	<0.5	80	1.48	0.055	10.4
A-15-126	STD			12.8	17.2	1564	4.41	58	0.8	2.3	88	116	179.4	5	79	2.01	0.05	6.1
A-15-126	791.00	792.00	1.00	94.5	9.1	89	2.42	17	7.8	3.9	70	<0.5	16.7	<0.5	82	0.75	0.05	11.8
A-15-126	792.00	793.00	1.00	106.6	10.8	144	2.07	20	6.8	4.8	271	<0.5	13.9	<0.5	64	2.09	0.079	12.6
A-15-126	793.00	794.00	1.00	112.9	5.6	264	1.46	15	7.3	2.3	480	<0.5	9.6	<0.5	70	3.92	0.038	8.6
A-15-126	794.00	795.00	1.00	102.7	7.2	105	1.77	21	10.4	3.8	128	<0.5	13.3	<0.5	97	1.39	0.044	11.8
A-15-126	795.00	796.00	1.00	101.9	6.7	170	1.62	22	8.5	2.9	403	1.7	15.3	<0.5	74	4.99	0.044	9.8
A-15-126	796.00	797.00	1.00	69.9	5.5	285	2.08	15	7.7	2.1	488	0.7	13.4	<0.5	49	13.23	0.085	9.9
A-15-126	797.00	798.00	1.00	73.3	4.9	170	1.53	16	8.6	1.8	318	<0.5	10.6	<0.5	43	4.15	0.035	8.9
A-15-126	798.00	799.00	1.00	92.3	5.6	76	1.8	15	11.5	2.2	116	<0.5	7.1	<0.5	53	1.57	0.042	9
A-15-126	799.00	800.00	1.00	94.2	6.7	150	1.73	21	10.9	2	212	<0.5	7.3	<0.5	42	3.4	0.036	8.1
A-15-126	Pulp Dup			94.8	6.7	146	1.71	20	10.7	2	203	<0.5	8.4	<0.5	41	3.32	0.031	7.8
A-15-126	800.00	801.00	1.00	78.5	6.9	97	1.78	16	7	2.4	105	<0.5	5.9	<0.5	41	1.37	0.034	9
A-15-126	801.00	802.00	1.00	81.2	6.1	275	1.82	11	5.8	2.5	222	<0.5	3.9	<0.5	39	6.48	0.059	11.6

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
				Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SG	Wgt
HOLE ID	**FROM**	**TO**	**LENGTH**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**
A-15-126	Pulp Dup			12	0.21	597	0.003	0.29	0.01	0.15	<0.5	0.1	2.9	21.3	4.85	<5	8	2.7	
A-15-126	765.00	766.00	1.00	10.7	0.44	361	0.002	0.25	0.02	0.14	<0.5	0.19	3.3	16	5.87	<5	5	2.734	2.4
A-15-126	766.00	767.00	1.00	8	0.33	510	0.002	0.23	0.02	0.13	<0.5	0.12	3.4	12.3	4.23	<5	8	2.697	2.49
A-15-126	767.00	768.03	1.03	4.9	0.25	3028	0.002	0.25	0.02	0.14	<0.5	<0.05	3.8	4.4	1.51	<5	<2	2.609	2.52
A-15-126	768.03	768.75	0.72	6.5	0.26	1128	0.003	0.41	<0.01	0.21	<0.5	0.07	3.7	10.1	2.72	<5	4	2.587	1.74
A-15-126	768.75	769.70	0.95	6.6	0.33	1418	0.003	1.56	<0.01	0.17	<0.5	0.27	5.3	12.1	2	<5	4	2.685	2.56
A-15-126	769.70	771.00	1.30	18.2	0.44	77399	0.037	2.74	<0.01	0.04	<0.5	0.46	13.7	6	0.16	6	2	3.078	3.64
A-15-126	771.00	772.00	1.00	17.5	0.36	26636	0.042	2.21	<0.01	0.06	<0.5	0.78	10	4.9	0.22	5	8	2.951	2.71
A-15-126	772.00	772.75	0.75	8.9	0.28	1042	0.003	0.69	<0.01	0.2	<0.5	0.22	3.7	5.3	2.39	<5	11	2.636	1.88
A-15-126	772.75	774.00	1.25	8.6	0.25	1812	0.004	0.38	<0.01	0.21	0.5	0.43	3.5	4	2.2	<5	22	2.565	3.16
A-15-126	Blank			17.2	0.8	133	0.162	1.84	0.23	0.23	0.7	<0.05	4.8	<0.5	<0.05	5	<2	I.S.	0.02
A-15-126	774.00	775.00	1.00	7	0.2	1262	0.005	0.36	<0.01	0.21	<0.5	0.14	2.8	3.6	2.36	<5	13	2.572	2.33
A-15-126	775.00	776.00	1.00	6.6	0.14	1005	0.006	0.39	<0.01	0.23	<0.5	0.18	2.4	4.1	2.26	<5	19	2.562	2.71
A-15-126	776.00	777.00	1.00	10.2	0.16	763	0.004	0.4	<0.01	0.25	<0.5	0.25	2.1	5	3.2	<5	34	2.563	2.54
A-15-126	777.00	778.00	1.00	9.2	0.25	982	0.005	0.45	<0.01	0.27	<0.5	0.14	2.2	4.3	3.15	<5	38	2.567	2.54
A-15-126	778.00	779.00	1.00	7.1	0.21	1239	0.005	0.4	<0.01	0.24	<0.5	0.15	2.3	3.3	2.49	<5	22	2.553	2.19
A-15-126	779.00	780.00	1.00	5.4	0.19	808	0.004	0.39	<0.01	0.24	<0.5	0.23	2.8	5.7	3.22	<5	13	2.538	2.38
A-15-126	780.00	781.39	1.39	5.2	0.25	838	0.004	0.4	<0.01	0.24	<0.5	0.2	2.2	4.8	3.12	<5	13	2.571	3.26
A-15-126	781.39	782.21	0.82	6.5	0.33	656	0.004	0.38	<0.01	0.22	<0.5	0.24	2.5	3.3	4.15	<5	13	2.537	2.01
A-15-126	782.21	783.26	1.05	5.7	0.27	1326	0.004	0.41	<0.01	0.24	<0.5	0.16	2.2	2.3	2.35	<5	18	2.559	2.64
A-15-126	CR Dup			5.9	0.26	1226	0.003	0.39	<0.01	0.24	<0.5	0.21	2.2	2.1	2.39	<5	17	2.544	
A-15-126	783.26	783.56	0.30	5.4	0.1	645	0.005	0.34	<0.01	0.21	<0.5	0.19	3.9	3.5	4.04	<5	9	2.546	0.64
A-15-126	783.56	784.92	1.36	5.9	0.26	887	0.004	0.38	<0.01	0.23	<0.5	0.12	2.1	2.2	2.28	<5	16	2.537	3.1
A-15-126	784.92	785.38	0.46	5.9	0.16	615	0.004	0.3	<0.01	0.17	<0.5	0.14	2	3.3	3.07	<5	13	2.466	1.11
A-15-126	785.38	786.18	0.80	5.6	0.31	814	0.004	0.36	<0.01	0.22	<0.5	0.1	1.8	1.8	2.01	<5	8	2.521	1.82
A-15-126	786.18	786.41	0.23	5.8	0.12	944	0.003	0.26	<0.01	0.16	<0.5	0.11	1.3	1.6	1.76	<5	5	2.733	0.87
A-15-126	786.41	787.50	1.09	5.5	0.32	724	0.004	0.38	<0.01	0.23	<0.5	0.14	1.8	2.2	2.1	<5	13	2.505	2.7
A-15-126	787.50	788.50	1.00	5.8	0.2	680	0.004	0.37	<0.01	0.23	<0.5	0.13	2	2.2	2.46	<5	18	2.527	2.26
A-15-126	788.50	789.73	1.23	6.3	0.24	776	0.005	0.38	<0.01	0.26	<0.5	0.15	2.7	1.9	2.24	<5	8	2.523	2.89
A-15-126	789.73	791.00	1.27	7.4	0.34	916	0.004	0.39	<0.01	0.24	<0.5	0.15	2.3	2.2	2.33	<5	16	2.503	3.19
A-15-126	STD			23.7	1.33	248	0.135	1.65	0.2	0.21	1.4	0.38	4.4	1	1.98	<5	<2	I.S.	0.02
A-15-126	791.00	792.00	1.00	7.2	0.29	701	0.004	0.4	<0.01	0.26	<0.5	0.09	1.7	1.8	2.97	<5	11	2.546	2.48
A-15-126	792.00	793.00	1.00	7.9	0.18	934	0.004	0.44	<0.01	0.3	<0.5	0.13	3.4	2	2.53	<5	7	2.57	2.38
A-15-126	793.00	794.00	1.00	7.5	0.38	472	0.003	0.29	<0.01	0.18	<0.5	0.1	2.2	1.3	1.69	<5	7	2.476	2.41
A-15-126	794.00	795.00	1.00	6.1	0.36	668	0.005	0.36	<0.01	0.24	<0.5	0.09	2.1	1.8	2.19	<5	15	2.508	2.38
A-15-126	795.00	796.00	1.00	6.6	0.32	949	0.003	0.32	<0.01	0.19	<0.5	0.12	1.9	1.7	1.9	<5	13	2.579	2.25
A-15-126	796.00	797.00	1.00	6.6	0.71	961	0.003	0.26	<0.01	0.15	<0.5	0.16	2.3	1.5	2.49	<5	14	2.607	2.4
A-15-126	797.00	798.00	1.00	5.2	0.18	732	0.003	0.23	<0.01	0.14	<0.5	0.11	1.7	1.6	1.71	<5	10	2.603	2.33
A-15-126	798.00	799.00	1.00	6.7	0.04	719	0.003	0.24	<0.01	0.15	<0.5	0.2	1	1.8	2.07	<5	7	2.571	2.47
A-15-126	799.00	800.00	1.00	6.1	0.05	395	0.003	0.24	<0.01	0.15	<0.5	0.16	1.5	1.8	2	<5	7	2.586	2.49
A-15-126	Pulp Dup			6.1	0.06	395	0.003	0.25	<0.01	0.15	<0.5	0.18	1.1	1.9	1.96	<5	6	2.578	
A-15-126	800.00	801.00	1.00	6.2	0.07	348	0.003	0.29	<0.01	0.18	<0.5	0.11	1.5	1.4	2.03	<5	7	2.56	1.49
A-15-126	801.00	802.00	1.00	6.5	0.91	510	0.003	0.31	<0.01	0.2	<0.5	0.1	2.3	1.2	2.13	<5	6	2.61	2.36

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	FROM	TO	LENGTH	SAMPLE #	comments	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM	PPM	PPM
A-15-126	802.00	802.50	0.50	2695336	5BXLS	0.50	99.50		VAN15002137	11.6	17.5	14.4	54	<0.5	2465
A-15-126	802.50	803.00	0.50	2695337	5BXLS with potential Nic min	2.00	98.00		VAN15002137	26.7	47.5	34.5	10	0.9	3394
A-15-126	803.00	803.48	0.48	2695338	5BXLS with potential Nic min	2.00	98.00		VAN15002137	21.7	44.1	30.2	11	0.7	3199
A-15-126	803.48	804.00	0.52	2695339	6CSS	0.00	100.00		VAN15002137	13.2	25.6	22	5	<0.5	3089
A-15-126	804.00	805.00	1.00	2695340	6CSS	0.00	100.00		VAN15002137	11.7	22.2	21.4	<5	<0.5	3711
A-15-126	805.00	806.00	1.00	2695341	6CSS	0.00	100.00		VAN15002137	8.5	17.4	17	33	<0.5	3623
A-15-126	806.00	807.00	1.00	2695342	6CSS	0.00	100.00		VAN15002137	7.5	18.7	17	25	<0.5	3516
A-15-126	Blank			2695343	BL125				VAN15002137	4.9	89.7	4.6	45	<0.5	611
A-15-126	807.00	808.00	1.00	2695344	6CSS	0.00	100.00		VAN15002137	3.4	15.7	14.5	19	<0.5	3624
A-15-126	808.00	809.00	1.00	2695345	6CSS	0.00	100.00		VAN15002137	2.2	12.9	13.5	31	<0.5	3418

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
				Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
HOLE ID	FROM	TO	LENGTH	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
A-15-126	802.00	802.50	0.50	45.4	3.9	462	1.13	6	4.7	2.8	329	<0.5	2.3	<0.5	29	15.59	0.113	12.8
A-15-126	802.50	803.00	0.50	118.3	10.1	158	2.02	12	5.3	4.9	70	<0.5	5.2	<0.5	49	2.17	0.09	14.9
A-15-126	803.00	803.48	0.48	100	8.5	205	1.8	12	5.3	4.6	99	<0.5	5.1	<0.5	51	3.17	0.092	15.2
A-15-126	803.48	804.00	0.52	47	5.1	449	1.75	6	3.1	3.3	307	<0.5	3.1	<0.5	37	9.83	0.056	15.1
A-15-126	804.00	805.00	1.00	40	5.3	418	1.53	7	2.1	5	215	<0.5	3.3	<0.5	30	7.84	0.079	17.3
A-15-126	805.00	806.00	1.00	28.8	3.8	399	1.22	<5	1.9	4.6	190	<0.5	2.6	<0.5	21	6.93	0.065	13.8
A-15-126	806.00	807.00	1.00	26.7	4	473	1.23	<5	1.5	4.4	193	<0.5	2	<0.5	16	7.26	0.066	14
A-15-126	Blank			13.5	9.5	558	3.6	<5	0.8	2.8	98	<0.5	<0.5	<0.5	99	1.14	0.058	6.5
A-15-126	807.00	808.00	1.00	22.2	4	327	1.13	<5	1.1	4.3	143	<0.5	1.4	<0.5	17	5.25	0.092	15.3
A-15-126	808.00	809.00	1.00	23.6	3.7	320	1.04	<5	0.9	3.9	151	<0.5	1.5	<0.5	15	5.27	0.091	13.1

				AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	SPG01	WGHT
				Cr	**Mg**	**Ba**	**Ti**	**Al**	**Na**	**K**	**W**	**Hg**	**Sc**	**Tl**	**S**	**Ga**	**Se**	**SG**	**Wgt**
HOLE ID	**FROM**	**TO**	**LENGTH**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**NONE**	**KG**
A-15-126	802.00	802.50	0.50	5.7	1.44	513	0.003	0.24	<0.01	0.16	<0.5	<0.05	1.9	0.6	1.27	<5	5	2.626	1.46
A-15-126	802.50	803.00	0.50	7.1	0.72	273	0.004	0.41	<0.01	0.27	<0.5	0.14	1.9	1.3	2.4	<5	9	2.598	1.13
A-15-126	803.00	803.48	0.48	6.9	0.88	292	0.004	0.39	<0.01	0.26	<0.5	0.08	1.9	1.2	2.14	<5	9	2.57	1.12
A-15-126	803.48	804.00	0.52	5.8	2.44	649	0.004	0.3	<0.01	0.19	<0.5	0.06	2.4	0.6	1.79	<5	6	2.589	1.4
A-15-126	804.00	805.00	1.00	5.2	2.33	416	0.004	0.36	<0.01	0.23	<0.5	0.09	2.7	0.7	1.57	<5	2	2.646	2.71
A-15-126	805.00	806.00	1.00	5.2	2.51	257	0.004	0.33	<0.01	0.22	<0.5	0.09	2.9	0.6	1.09	<5	<2	2.639	2.52
A-15-126	806.00	807.00	1.00	4.8	2.49	271	0.005	0.34	<0.01	0.23	<0.5	<0.05	2.6	<0.5	1.13	<5	<2	2.628	2.13
A-15-126	Blank			17.5	0.82	139	0.184	1.95	0.24	0.23	0.7	<0.05	4.2	<0.5	<0.05	5	<2	I.S.	0.02
A-15-126	807.00	808.00	1.00	6.2	1.98	282	0.004	0.39	<0.01	0.27	<0.5	0.07	2.7	<0.5	1.01	<5	<2	2.609	2.76
A-15-126	808.00	809.00	1.00	5	1.93	257	0.004	0.34	<0.01	0.24	<0.5	0.07	2.4	<0.5	0.93	<5	3	2.625	2.44

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments	
A-15-126	0		30	-81			Yes	Collar	
A-15-126	46.34	3.6	22.9	-81.5	5710	Reflex Ezshot	Yes		
A-15-126	61.58	3.7	23	-81.5	5713	Reflex Ezshot	Yes		
A-15-126	107.29	0.2	19.5	-81.1	5707	Reflex Ezshot	Yes		
A-15-126	153.04	1.6	20.9	-80.9	5708	Reflex Ezshot	Yes		
A-15-126	198.78	359.8	19.1	-80.8	5707	Reflex Ezshot	Yes		
A-15-126	220.12	359.2	18.5	-81	5712	Reflex Ezshot	Yes		
A-15-126	265.85	359.8	19.1	-80.6	5678	Reflex Ezshot	Yes		
A-15-126	311.58	0.4	19.7	-80.8	5708	Reflex Ezshot	Yes		
A-15-126	357.31	359.7	19	-80.8	5689	Reflex Ezshot	Yes		
A-15-126	398.68	1.6	20.9	-81	5710	Reflex Ezshot	Yes		
A-15-126	402.95	0.1	19.4	-80.9	5711	Reflex Ezshot	Yes		
A-15-126	402.95	0.6	19.9	-81	5710	Reflex Ezshot	No	retest	
A-15-126	418.19	1.9	21.2	-80.9	5700	Reflex Ezshot	Yes		
A-15-126	430.38	1.9	21.2	-80.4	5710	Reflex Ezshot	Yes		
A-15-126	448.67	0.6	19.9	-80.3	5714	Reflex Ezshot	Yes		
A-15-126	466.95	358.4	17.3	-80.2	5711	Reflex Ezshot	Yes	Original Survey	
A-15-126	466.95	356.6	15.9	-80.7	5713	Reflex Ezshot	No	Original Tool (retest)	
A-15-126	466.95	355.7	15	-80.4	5686	Reflex Ezshot	No	New Tool (retest)	
A-15-126	512.67	345.3	4.6	-79.1	5712	Reflex Ezshot	Yes	Original Survey	
A-15-126	512.67	344.3	3.6	-79.1	5681	Reflex Ezshot	No	New Tool (retest)	
A-15-126	552.3	344.2	3.5	-78.1	5711	Reflex Ezshot	Yes		
A-15-126	613.27	345.7	5	-76.2	5729	Reflex Ezshot	Yes	Original Survey	
A-15-126	613.27	344.1	3.4	-76.3	5702	Reflex Ezshot	No	New Tool (retest)	
A-15-126	662.03	345.5	4.8	-75.2	5710	Reflex Ezshot	Yes		
A-15-126	707.75	348	7.3	-73.1	5707	Reflex Ezshot	Yes		
A-15-126	753.47	348.7	8	-72.6	5716	Reflex Ezshot	Yes		
A-15-126	799.2	350.6	9.3	-71.6	5714	Reflex Ezshot	Yes		

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-126	4.57	6.71	2.14	1.32	61.68%	0	0.00%												
A-15-126	6.71	9.75	3.04	2.3	75.66%	0	0.00%												
A-15-126	9.75	12.80	3.05	1.89	61.97%	0	0.00%												
A-15-126	12.80	15.85	3.05	2.13	69.84%	0.1	3.28%												
A-15-126	15.85	18.90	3.05	2.17	71.15%	0.1	3.28%												
A-15-126	18.90	21.64	2.74	1.7	62.04%	0	0.00%												
A-15-126	21.64	23.77	2.13	2.14	100.47%	0	0.00%												
A-15-126	23.77	25.30	1.53	1.35	88.24%	0.1	6.54%												
A-15-126	25.30	28.04	2.74	2.4	87.59%	0.1	3.65%												
A-15-126	28.04	31.09	3.05	3	98.36%	0.38	12.46%												
A-15-126	31.09	34.14	3.05	2.94	96.39%	1.09	35.74%												
A-15-126	34.14	36.58	2.44	2.27	93.03%	0.37	15.16%												
A-15-126	36.58	37.49	0.91	1	109.89%	0.51	56.04%												
A-15-126	37.49	39.62	2.13	2.02	94.84%	1.02	47.89%												
A-15-126	39.62	42.67	3.05	3	98.36%	0.9	29.51%												
A-15-126	42.67	43.28	0.61	0.62	101.64%	0.24	39.34%												
A-15-126	43.28	45.11	1.83	1.66	90.71%	0.72	39.34%												
A-15-126	45.11	46.03	0.92	0.9	97.83%	0	0.00%												
A-15-126	46.03	48.16	2.13	2.26	106.10%	1.36	63.85%												
A-15-126	48.16	49.38	1.22	1.21	99.18%	0.74	60.66%												
A-15-126	49.38	51.21	1.83	2	109.29%	1.13	61.75%												
A-15-126	51.21	53.04	1.83	1.5	81.97%	0.75	40.98%												
A-15-126	53.04	54.86	1.82	1.84	101.10%	1.06	58.24%												
A-15-126	54.86	57.00	2.14	2.2	102.80%	0.5	23.36%												
A-15-126	57.00	59.13	2.13	2.12	99.53%	0.58	27.23%	1					1						
A-15-126	59.13	61.57	2.44	2.6	106.56%	0.83	34.02%												
A-15-126	61.57	64.92	3.35	3.3	98.51%	0.45	13.43%												
A-15-126	64.92	67.06	2.14	2.3	107.48%	0.29	13.55%												
A-15-126	67.06	70.71	3.65	3.82	104.66%	0.73	20.00%												
A-15-126	70.71	73.76	3.05	2.68	87.87%	0.82	26.89%												
A-15-126	73.76	76.81	3.05	2.6	85.25%	0.59	19.34%												
A-15-126	76.81	79.86	3.05	3.21	105.25%	1.2	39.34%												
A-15-126	79.86	82.91	3.05	2.9	95.08%	1.82	59.67%												
A-15-126	82.91	85.95	3.04	3	98.68%	1.09	35.86%												
A-15-126	85.95	89.00	3.05	2.92	95.74%	0.75	24.59%												
A-15-126	89.00	92.05	3.05	3.32	108.85%	95.1	3118.03%												
A-15-126	92.05	95.10	3.05	2.23	73.11%	0.67	21.97%												
A-15-126	95.10	98.15	3.05	3.16	103.61%	2.22	72.79%												
A-15-126	98.15	103.94	5.79	5.75	99.31%	0.87	15.03%												
A-15-126	103.94	104.85	0.91	0.76	83.52%	0	0.00%												
A-15-126	104.85	106.38	1.53	1.6	104.58%	0	0.00%												
A-15-126	106.38	107.29	0.91	0.9	98.90%	0	0.00%												
A-15-126	107.29	110.34	3.05	3.05	100.00%	0.4	13.11%												
A-15-126	110.34	112.78	2.44	2.46	100.82%	0.4	16.39%												
A-15-126	112.78	115.22	2.44	1.87	76.64%	0.31	12.70%												
A-15-126	115.22	118.26	3.04	2.5	82.24%	0.19	6.25%												
A-15-126	118.26	120.40	2.14	2.13	99.53%	0.33	15.42%												
A-15-126	120.40	122.53	2.13	1.89	88.73%	0.3	14.08%												
A-15-126	122.53	124.97	2.44	2.27	93.03%	0.1	4.10%												
A-15-126	124.97	126.19	1.22	0.78	63.93%	0.12	9.84%												
A-15-126	126.19	128.02	1.83	1.97	107.65%	0.87	47.54%	2			1	1							
A-15-126	128.02	129.54	1.52	1.36	89.47%	0.75	49.34%	>75	>75										

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-126	129.54	131.07	1.53	1.65	107.84%	0.56	36.60%												
A-15-126	131.07	133.81	2.74	2.69	98.18%	0.73	26.64%	>75	>75										
A-15-126	133.81	136.55	2.74	2.64	96.35%	0.8	29.20%												
A-15-126	136.55	137.77	1.22	1.27	104.10%	0.86	70.49%												
A-15-126	137.77	139.30	1.53	1.56	101.96%	0.99	64.71%												
A-15-126	139.30	140.82	1.52	1.32	86.84%	0.68	44.74%	21	21										
A-15-126	140.82	142.34	1.52	1.36	89.47%	0.35	23.03%												
A-15-126	142.34	143.87	1.53	1.56	101.96%	0.3	19.61%												
A-15-126	143.87	146.92	3.05	3.01	98.69%	1	32.79%	>75	>75										
A-15-126	146.92	149.96	3.04	2.69	88.49%	0.27	8.88%												
A-15-126	149.96	153.01	3.05	2.93	96.07%	1.6	52.46%												
A-15-126	153.01	156.06	3.05	2.67	87.54%	0.77	25.25%												
A-15-126	156.06	159.11	3.05	2.98	97.70%	1.4	45.90%												
A-15-126	159.11	162.15	3.04	2.67	87.83%	0.82	26.97%												
A-15-126	162.15	165.20	3.05	1.8	59.02%	0	0.00%												
A-15-126	165.20	168.25	3.05	2.81	92.13%	0.67	21.97%												
A-15-126	168.25	171.30	3.05	2.86	93.77%	0.68	22.30%												
A-15-126	171.30	174.35	3.05	3	98.36%	0.53	17.38%												
A-15-126	174.35	177.39	3.04	2.93	96.38%	0.37	12.17%												
A-15-126	177.39	180.44	3.05	3	98.36%	0.4	13.11%												
A-15-126	180.44	183.49	3.05	2.88	94.43%	1.23	40.33%												
A-15-126	183.49	186.54	3.05	3.11	101.97%	1.22	40.00%	11	10	1									
A-15-126	186.54	189.28	2.74	2.36	86.13%	1.55	56.57%	4		1	1		2						
A-15-126	189.28	190.81	1.53	1.53	100.00%	0.71	46.41%	4	1		2		1						
A-15-126	190.81	192.63	1.82	1.72	94.51%	1.34	73.63%	1				1							
A-15-126	192.63	194.77	2.14	2.08	97.20%	1.34	62.62%	2				2							
A-15-126	194.77	196.29	1.52	1.56	102.63%	0.3	19.74%												
A-15-126	196.29	198.42	2.13	1.06	49.77%	0.14	6.57%	1					1						
A-15-126	198.42	201.17	2.75	2.41	87.64%	0.1	3.64%												
A-15-126	201.17	203.61	2.44	1.53	62.70%	0	0.00%												
A-15-126	203.61	204.83	1.22	0.43	35.25%	0	0.00%												
A-15-126	204.83	207.26	2.43	0.49	20.16%	0	0.00%												
A-15-126	207.26	208.48	1.22	1.1	90.16%	0.14	11.48%												
A-15-126	208.48	209.40	0.92	1	108.70%	0.11	11.96%												
A-15-126	209.40	211.53	2.13	2.07	97.18%	0	0.00%												
A-15-126	211.53	213.66	2.13	2.12	99.53%	1.49	69.95%												
A-15-126	213.66	215.49	1.83	1.86	101.64%	1.2	65.57%												
A-15-126	215.49	216.71	1.22	1.4	114.75%	1	81.97%												
A-15-126	216.71	218.24	1.53	1.49	97.39%	0.91	59.48%												
A-15-126	218.24	220.07	1.83	1.96	107.10%	1.69	92.35%												
A-15-126	220.07	222.20	2.13	2.13	100.00%	1.65	77.46%												
A-15-126	222.20	224.06	1.86	1.81	97.31%	1.29	69.35%	1					1						
A-15-126	224.06	225.86	1.80	1.9	105.56%	0.64	35.56%												
A-15-126	225.86	227.38	1.52	1.56	102.63%	1.01	66.45%												
A-15-126	227.38	229.21	1.83	1.62	88.52%	0.78	42.62%												
A-15-126	229.21	232.26	3.05	2.8	91.80%	0.67	21.97%												
A-15-126	232.26	235.31	3.05	3.05	100.00%	1.28	41.97%												
A-15-126	235.31	238.35	3.04	2.96	97.37%	0.88	28.95%	1					1						
A-15-126	238.35	241.40	3.05	2.81	92.13%	0.78	25.57%												
A-15-126	241.40	244.45	3.05	2.72	89.18%	1.54	50.49%												
A-15-126	244.45	247.50	3.05	3.1	101.64%	2.38	78.03%												
A-15-126	247.50	250.55	3.05	3.05	100.00%	2.7	88.52%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-126	250.55	253.59	3.04	3.02	99.34%	1.22	40.13%												
A-15-126	253.59	256.64	3.05	2.82	92.46%	1.29	42.30%												
A-15-126	256.64	259.67	3.03	3.1	102.31%	1.09	35.97%												
A-15-126	259.67	262.74	3.07	3.18	103.58%	1.18	38.44%												
A-15-126	262.74	265.79	3.05	3.05	100.00%	1.84	60.33%	1					1						
A-15-126	265.79	268.83	3.04	3.08	101.32%	1.26	41.45%												
A-15-126	268.83	271.88	3.05	3.1	101.64%	2.22	72.79%												
A-15-126	271.88	273.41	1.53	1.85	120.92%	0.82	53.59%												
A-15-126	273.41	274.93	1.52	1.57	103.29%	0.41	26.97%												
A-15-126	274.93	277.98	3.05	3.1	101.64%	2.78	91.15%												
A-15-126	277.98	281.03	3.05	3.08	100.98%	2.66	87.21%												
A-15-126	281.03	284.07	3.04	2.98	98.03%	1.94	63.82%												
A-15-126	284.07	287.12	3.05	3.1	101.64%	1.27	41.64%												
A-15-126	287.12	290.17	3.05	3.06	100.33%	2.4	78.69%	1		1									
A-15-126	290.17	293.22	3.05	3.15	103.28%	0.63	20.66%												
A-15-126	293.22	296.27	3.05	3.15	103.28%	0.95	31.15%												
A-15-126	296.27	298.09	1.82	2.11	115.93%	0.55	30.22%												
A-15-126	298.09	299.31	1.22	1.35	110.66%	0	0.00%												
A-15-126	299.31	302.70	3.39	3.18	93.81%	1.23	36.28%												
A-15-126	302.70	303.98	1.28	1.55	121.09%	0.42	32.81%												
A-15-126	303.98	305.41	1.43	1.65	115.38%	1.24	86.71%												
A-15-126	305.41	308.46	3.05	3.15	103.28%	1.62	53.11%	1			1								
A-15-126	308.46	311.51	3.05	2.98	97.70%	2.33	76.39%												
A-15-126	311.51	314.55	3.04	2.95	97.04%	2.34	76.97%												
A-15-126	314.55	317.60	3.05	3.15	103.28%	1.82	59.67%												
A-15-126	317.60	320.34	2.74	2.62	95.62%	1.71	62.41%												
A-15-126	320.34	323.39	3.05	3.15	103.28%	2.44	80.00%												
A-15-126	323.39	326.75	3.36	3.3	98.21%	2.25	66.96%												
A-15-126	326.75	329.79	3.04	3.15	103.62%	2.13	70.07%	1					1						
A-15-126	329.79	332.84	3.05	2.8	91.80%	1.52	49.84%												
A-15-126	332.84	335.89	3.05	2.8	91.80%	1.64	53.77%												
A-15-126	335.89	338.94	3.05	3.55	116.39%	2.74	89.84%	1					1						
A-15-126	338.94	341.99	3.05	3.08	100.98%	1.86	60.98%	1					1						
A-15-126	341.99	345.03	3.04	3	98.68%	2.04	67.11%												
A-15-126	345.03	348.08	3.05	3.15	103.28%	1.46	47.87%												
A-15-126	348.08	351.13	3.05	3.05	100.00%	1.05	34.43%												
A-15-126	351.13	354.18	3.05	3.05	100.00%	2	65.57%												
A-15-126	354.18	357.23	3.05	3.1	101.64%	1.88	61.64%												
A-15-126	357.23	360.27	3.04	3.46	113.82%	2.09	68.75%												
A-15-126	360.27	363.32	3.05	3.25	106.56%	2.05	67.21%												
A-15-126	363.32	366.37	3.05	2.73	89.51%	2.36	77.38%	1					1						
A-15-126	366.37	369.42	3.05	3.41	111.80%	3.19	104.59%	2					2						
A-15-126	369.42	372.47	3.05	3.11	101.97%	2.86	93.77%												
A-15-126	372.47	375.51	3.04	3.18	104.61%	2.86	94.08%												
A-15-126	375.51	378.56	3.05	3.06	100.33%	2.28	74.75%												
A-15-126	378.56	381.61	3.05	3.03	99.34%	2.61	85.57%	1					1						
A-15-126	381.61	383.75	2.14	1.99	92.99%	1.11	51.87%												
A-15-126	383.75	386.49	2.74	2.85	104.01%	0.82	29.93%												
A-15-126	386.49	387.71	1.22	1.08	88.52%	0.11	9.02%												
A-15-126	387.71	390.45	2.74	2.69	98.18%	1.1	40.15%												
A-15-126	390.45	392.58	2.13	2.09	98.12%	0.94	44.13%												
A-15-126	392.58	394.41	1.83	1.54	84.15%	0.57	31.15%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-126	394.41	395.94	1.53	1.37	89.54%	0.96	62.75%												
A-15-126	395.94	396.85	0.91	1.03	113.19%	0.41	45.05%												
A-15-126	396.85	398.68	1.83	1.72	93.99%	0.62	33.88%	>25	>25										
A-15-126	398.68	401.12	2.44	2.41	98.77%	1.45	59.43%												
A-15-126	401.12	402.95	1.83	1.84	100.55%	0.6	32.79%												
A-15-126	402.95	405.99	3.04	3.09	101.64%	2.29	75.33%												
A-15-126	405.99	409.04	3.05	2.55	83.61%	1.39	45.57%												
A-15-126	409.04	412.09	3.05	2.94	96.39%	0.95	31.15%												
A-15-126	412.09	415.14	3.05	3.07	100.66%	1.34	43.93%												
A-15-126	415.14	418.19	3.05	2.61	85.57%	0.75	24.59%												
A-15-126	418.19	421.23	3.04	3.05	100.33%	2.62	86.18%												
A-15-126	421.23	424.28	3.05	3.1	101.64%	2.71	88.85%												
A-15-126	424.28	427.33	3.05	2.8	91.80%	1.65	54.10%												
A-15-126	427.33	430.38	3.05	3.29	107.87%	2.8	91.80%	28	26			2							
A-15-126	430.38	433.43	3.05	2.98	97.70%	2.24	73.44%												
A-15-126	433.43	435.25	1.82	1.68	92.31%	0.79	43.41%	15	12		3								
A-15-126	435.25	436.47	1.22	1.08	88.52%	0.58	47.54%	6	6										
A-15-126	436.47	439.52	3.05	3.05	100.00%	2.53	82.95%	35	32			3							
A-15-126	439.52	442.57	3.05	3.09	101.31%	2.8	91.80%	4			4								
A-15-126	442.57	445.62	3.05	3	98.36%	2.82	92.46%	2		1	1								
A-15-126	445.62	448.67	3.05	2.95	96.72%	2	65.57%	2		2									
A-15-126	448.67	451.71	3.04	3.02	99.34%	2.41	79.28%	43	42			1							
A-15-126	451.71	454.71	3.00	2.96	98.67%	2.1	70.00%	17	16				1						
A-15-126	454.71	457.80	3.09	3.2	103.56%	2.23	72.17%	>100	>100		1	3	4						
A-15-126	457.80	460.86	3.06	3.02	98.69%	2.38	77.78%	>100	>100	2	4	1	1						
A-15-126	460.86	463.91	3.05	3.03	99.34%	2.26	74.10%	4	2		2								
A-15-126	463.91	466.95	3.04	3.26	107.24%	2.58	84.87%												
A-15-126	466.95	470.00	3.05	3.04	99.67%	2.46	80.66%	3	1		2								
A-15-126	470.00	472.74	2.74	2.67	97.45%	2.25	82.12%	3	3										
A-15-126	472.74	475.79	3.05	3.08	100.98%	2.63	86.23%	30	30										
A-15-126	475.79	478.84	3.05	3.19	104.59%	1.36	44.59%	31	30				1						
A-15-126	478.84	481.89	3.05	3.31	108.52%	1.3	42.62%												
A-15-126	481.89	483.72	1.83	1.83	100.00%	1.19	65.03%												
A-15-126	483.72	485.24	1.52	1.49	98.03%	1.49	98.03%												
A-15-126	485.24	488.29	3.05	3.09	101.31%	2.92	95.74%												
A-15-126	488.29	489.20	0.91	0.86	94.51%	0.28	30.77%												
A-15-126	489.20	491.34	2.14	2.33	108.88%	0.85	39.72%												
A-15-126	491.34	493.47	2.13	2	93.90%	1.14	53.52%												
A-15-126	493.47	494.69	1.22	1.26	103.28%	0.64	52.46%												
A-15-126	494.69	497.13	2.44	2.58	105.74%	1.74	71.31%												
A-15-126	497.13	500.48	3.35	2.79	83.28%	2.1	62.69%												
A-15-126	500.48	503.53	3.05	3.46	113.44%	2.58	84.59%												
A-15-126	503.53	506.58	3.05	2.93	96.07%	2.09	68.52%												
A-15-126	506.58	509.63	3.05	2.85	93.44%	1.92	62.95%												
A-15-126	509.63	512.67	3.04	3	98.68%	1.79	58.88%	1					1						
A-15-126	512.67	515.72	3.05	3.16	103.61%	2.71	88.85%												
A-15-126	515.72	518.77	3.05	2.98	97.70%	2.29	75.08%	3	1	1			1						
A-15-126	518.77	521.82	3.05	2.82	92.46%	2.29	75.08%	1					1						
A-15-126	521.82	524.87	3.05	3.14	102.95%	2.43	79.67%	4	2	1			1						
A-15-126	524.87	527.91	3.04	3.01	99.01%	2.3	75.66%	2	1	1									
A-15-126	527.91	530.96	3.05	3.26	106.89%	2.65	86.89%												
A-15-126	530.96	534.01	3.05	3.13	102.62%	2.62	85.90%	1			1								

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-126	534.01	536.14	2.13	2.02	94.84%	0.75	35.21%	1		1									
A-15-126	536.14	539.19	3.05	3.09	101.31%	2.16	70.82%	3			3								
A-15-126	539.19	542.24	3.05	3.01	98.69%	2.21	72.46%												
A-15-126	542.24	543.76	1.52	1.49	98.03%	0.99	65.13%	1				1							
A-15-126	543.76	546.20	2.44	2.63	107.79%	2.28	93.44%												
A-15-126	546.20	547.12	0.92	1.04	113.04%	0.71	77.17%												
A-15-126	547.12	550.16	3.04	3.04	100.00%	2.68	88.16%												
A-15-126	550.16	551.08	0.92	0.79	85.87%	0.42	45.65%												
A-15-126	551.08	552.19	1.11	1.6	144.14%	0.6	54.05%												
A-15-126	552.19	554.13	1.94	0.91	46.91%	0.44	22.68%												
A-15-126	554.13	557.17	3.04	3.11	102.30%	2.95	97.04%												
A-15-126	557.17	558.39	1.22	1.46	119.67%	1.25	102.46%												
A-15-126	558.39	561.44	3.05	2.93	96.07%	1.84	60.33%												
A-15-126	561.44	564.49	3.05	2.72	89.18%	1.58	51.80%	1					1						
A-15-126	564.49	567.54	3.05	3.02	99.02%	2.82	92.46%												
A-15-126	567.54	570.59	3.05	3.21	105.25%	1.19	39.02%	1					1						
A-15-126	570.59	573.63	3.04	3.02	99.34%	1.56	51.32%	1	1										
A-15-126	573.63	576.68	3.05	2.86	93.77%	1.55	50.82%	5	4		1								
A-15-126	576.68	579.73	3.05	3.05	100.00%	1.84	60.33%												
A-15-126	579.73	581.56	1.83	1.68	91.80%	0.99	54.10%	5	5										
A-15-126	581.56	582.78	1.22	1.16	95.08%	0.5	40.98%	1					1						
A-15-126	582.78	584.00	1.22	1.2	98.36%	0.66	54.10%												
A-15-126	584.00	586.24	2.24	2.24	100.00%	1.91	85.27%												
A-15-126	586.24	587.96	1.72	1.14	66.28%	0.69	40.12%	1				1							
A-15-126	587.96	589.48	1.52	1.56	102.63%	1.05	69.08%	9	4	2	3								
A-15-126	589.48	591.92	2.44	2.58	105.74%	0.74	30.33%	1			1								
A-15-126	591.92	594.97	3.05	3.05	100.00%	2.06	67.54%												
A-15-126	594.97	598.02	3.05	2.85	93.44%	2.01	65.90%	4	4										
A-15-126	598.02	598.93	0.91	0.89	97.80%	0.11	12.09%												
A-15-126	598.93	600.76	1.83	1.6	87.43%	1.25	68.31%	4	3			1							
A-15-126	600.76	603.81	3.05	3.05	100.00%	1.92	62.95%	17	16				1						
A-15-126	603.81	606.86	3.05	2.98	97.70%	2.59	84.92%	15	14			1							
A-15-126	606.86	609.90	3.04	2.9	95.39%	2.78	91.45%	3	2	1									
A-15-126	609.90	613.26	3.36	3.3	98.21%	2.02	60.12%	7	6		1								
A-15-126	613.26	616.31	3.05	3.02	99.02%	1.92	62.95%	1		1									
A-15-126	616.31	619.35	3.04	2.99	98.36%	2.65	87.17%	5	5										
A-15-126	619.35	622.10	2.75	2.26	82.18%	1.73	62.91%	3	1	2									
A-15-126	622.10	623.01	0.91	0.82	90.11%	0.39	42.86%												
A-15-126	623.01	623.93	0.92	1.07	116.30%	0.49	53.26%												
A-15-126	623.93	624.84	0.91	0.93	102.20%	0.35	38.46%												
A-15-126	624.84	626.67	1.83	1.64	89.62%	1.45	79.23%												
A-15-126	626.67	627.58	0.91	0.88	96.70%	0.76	83.52%												
A-15-126	627.58	629.72	2.14	2.13	99.53%	2.05	95.79%												
A-15-126	629.72	632.76	3.04	2.87	94.41%	2.23	73.36%												
A-15-126	632.76	634.59	1.83	1.99	108.74%	1.46	79.78%												
A-15-126	634.59	637.03	2.44	2.46	100.82%	2.02	82.79%												
A-15-126	637.03	637.64	0.61	0.3	49.18%	0	0.00%												
A-15-126	637.64	638.56	0.92	0.87	94.57%	0.58	63.04%												
A-15-126	638.56	639.78	1.22	0.91	74.59%	0.12	9.84%												
A-15-126	639.78	640.08	0.30	0.11	36.67%	0	0.00%												
A-15-126	640.08	640.38	0.30	0.3	100.00%	0	0.00%												
A-15-126	640.38	640.99	0.61	0.43	70.49%	0	0.00%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-126	640.99	643.14	2.15	1.72	80.00%	0.81	37.67%												
A-15-126	643.14	643.74	0.60	0.63	105.00%	0.14	23.33%												
A-15-126	643.74	644.65	0.91	1.02	112.09%	0.56	61.54%												
A-15-126	644.65	645.26	0.61	0.39	63.93%	0	0.00%												
A-15-126	645.26	645.87	0.61	0.24	39.34%	0	0.00%												
A-15-126	645.87	648.61	2.74	2.79	101.82%	1.13	41.24%												
A-15-126	648.61	651.66	3.05	3.05	100.00%	2.79	91.48%	7	5		1		1						
A-15-126	651.66	654.71	3.05	3.05	100.00%	2.57	84.26%												
A-15-126	654.71	657.76	3.05	2.98	97.70%	2.42	79.34%	1		1				2	1		1		
A-15-126	657.76	660.81	3.05	2.99	98.03%	2.81	92.13%							2	1			1	
A-15-126	660.81	662.03	1.22	1.26	103.28%	0.93	76.23%												
A-15-126	662.03	663.55	1.52	1.52	100.00%	0.83	54.61%												
A-15-126	663.55	665.99	2.44	2.29	93.85%	1.73	70.90%							4	3				1
A-15-126	665.99	669.04	3.05	3.04	99.67%	2.83	92.79%	1	1					6	5				1
A-15-126	669.04	671.17	2.13	2.1	98.59%	2.1	98.59%	1			1								
A-15-126	671.17	674.22	3.05	3.03	99.34%	2.53	82.95%							10	9			1	
A-15-126	674.22	677.27	3.05	2.96	97.05%	2.83	92.79%												
A-15-126	677.27	680.31	3.04	2.92	96.05%	2.87	94.41%												
A-15-126	680.31	682.45	2.14	1.98	92.52%	1.64	76.64%												
A-15-126	682.45	683.36	0.91	0.94	103.30%	0.94	103.30%												
A-15-126	683.36	685.50	2.14	1.75	81.78%	1.48	69.16%												
A-15-126	685.50	688.54	3.04	3.07	100.99%	2.47	81.25%												
A-15-126	688.54	691.59	3.05	2.96	97.05%	2.7	88.52%												
A-15-126	691.59	694.64	3.05	3.07	100.66%	2.77	90.82%												
A-15-126	694.64	696.47	1.83	1.73	94.54%	1.54	84.15%	1						1	1				
A-15-126	696.47	697.99	1.52	1.57	103.29%	0.82	53.95%	3	2	1									
A-15-126	697.99	701.04	3.05	2.93	96.07%	2.04	66.89%	1			1								
A-15-126	701.04	704.09	3.05	3.04	99.67%	2.38	78.03%							8	5	1		2	
A-15-126	704.09	705.31	1.22	1.28	104.92%	0.52	42.62%							4	2	2			
A-15-126	705.31	705.92	0.61	0.5	81.97%	0.4	65.57%												
A-15-126	705.92	706.83	0.91	0.75	82.42%	0.36	39.56%												
A-15-126	706.83	708.05	1.22	1.2	98.36%	1.07	87.70%												
A-15-126	708.05	710.79	2.74	2.69	98.18%	2.35	85.77%	1			1			1				1	
A-15-126	710.79	712.93	2.14	2.33	108.88%	1.68	78.50%							3		1	2		
A-15-126	712.93	714.15	1.22	0.78	63.93%	0.27	22.13%												
A-15-126	714.15	714.76	0.61	0.51	83.61%	0	0.00%												
A-15-126	714.76	715.37	0.61	0.43	70.49%	0	0.00%							1		1			
A-15-126	715.37	718.41	3.04	2.77	91.12%	2.32	76.32%							1			1		
A-15-126	718.41	721.46	3.05	2.9	95.08%	2.63	86.23%												
A-15-126	721.46	723.60	2.14	1.85	86.45%	1.52	71.03%												
A-15-126	723.60	726.03	2.43	2.35	96.71%	1.1	45.27%	1			1								
A-15-126	726.03	728.47	2.44	2.25	92.21%	1.5	61.48%	3	1		2								
A-15-126	728.47	731.52	3.05	3.05	100.00%	2.68	87.87%	2		2				5	1	1	3		
A-15-126	731.52	734.57	3.05	3.03	99.34%	2.99	98.03%	4		2	2			5	1		4		
A-15-126	734.57	737.62	3.05	3.06	100.33%	2.66	87.21%	6	6					2			2		
A-15-126	737.62	740.66	3.04	3	98.68%	2.78	91.45%	7	4	3				3	1	1	1		
A-15-126	740.66	743.71	3.05	3.08	100.98%	2.55	83.61%	10	3	3	4			2	1	1			
A-15-126	743.71	746.76	3.05	3.05	100.00%	2.77	90.82%	26	10	3	3								
A-15-126	746.76	749.81	3.05	3.05	100.00%	2.6	85.25%	>100	>100										
A-15-126	749.81	752.86	3.05	3.03	99.34%	2.82	92.46%	>50	>50	2									
A-15-126	752.86	755.90	3.04	3.05	100.33%	2.99	98.36%	>50	>50	3									
A-15-126	755.90	758.95	3.05	3.02	99.02%	2.53	82.95%	12	12					3	3				

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-126	758.95	759.56	0.61	0.39	63.93%	0.35	57.38%												
A-15-126	759.56	762.61	3.05	2.96	97.05%	2.92	95.74%	>100	>100										
A-15-126	762.61	765.66	3.05	3.09	101.31%	2.84	93.11%												
A-15-126	765.66	768.71	3.05	3.07	100.66%	3.07	100.66%												
A-15-126	768.71	771.75	3.04	2.95	97.04%	2.72	89.47%												
A-15-126	771.75	774.80	3.05	3.03	99.34%	2.93	96.07%	61	58	1	2			13		2	5	6	
A-15-126	774.80	777.85	3.05	3.02	99.02%	2.57	84.26%	2	2					1				1	
A-15-126	777.85	780.90	3.05	2.94	96.39%	2.55	83.61%							1				1	
A-15-126	780.90	783.34	2.44	2.37	97.13%	1.79	73.36%												
A-15-126	783.34	784.86	1.52	1.44	94.74%	0.8	52.63%												
A-15-126	784.86	786.99	2.13	2.11	99.06%	1.8	84.51%												
A-15-126	786.99	790.04	3.05	2.9	95.08%	2.41	79.02%	2	2										
A-15-126	790.04	793.09	3.05	3.05	100.00%	2.91	95.41%	1	1										
A-15-126	793.09	796.14	3.05	2.95	96.72%	2.52	82.62%	1				1							
A-15-126	796.14	799.19	3.05	3.01	98.69%	2.44	80.00%	1					1						
A-15-126	799.19	800.71	1.52	1.05	69.08%	0.63	41.45%												
A-15-126	800.71	803.76	3.05	2.93	96.07%	1.94	63.61%												
A-15-126	803.76	806.81	3.05	2.88	94.43%	2.4	78.69%												
A-15-126	806.81	809.85	3.04	3.04	100.00%	2.82	92.76%												
A-15-126	809.85	812.90	3.05	3.05	100.00%	2.73	89.51%												
A-15-126	812.90	814.43	1.53	1.55	101.31%	1.35	88.24%												
				EOH															

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

TSX-V:CZX
CANADA ZINC METALS CORP.

Akie Property

Drill Hole #A-15-127

Date	August 31st, 2015	Logger	P.McLaughlin

Collar Orientation

Proposed	
Azimuth	30
Dip	-76
Length (m)	750

Actual	
Azimuth	25
Dip	-76
Length (m)	716.28m

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360161
Easting (m)	388557
Elevation (m)	1484
Grid Section	32755

Surveyed Collar Location

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

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ and NQ from 364.54m
Date Started	August 16th, 2015
Date Completed	August 30th, 2015
Capped	Yes
Casing	3.05 (left in hole)
Drilled Units	Imperial (converted to metric)

Hole Objective: This hole was designed to intercept potentially high grade mineralization approximately 75m down dip of A-05-30 and A-07-50. This hole is designed to understand the continuity of mineralisation within the deepest margins of the deposit near the middle of the resource. This hole experienced very little change in dip and azimuth so the pierce point was much deeper than expected.

Comments: The magnetic declination for 2015 is 19.3 deg East. Core size was reduced from HQ to NQ at 364.54m depth. This hole was drilled from Pad 30.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	25	-76
24.38	24	-76.8
64.01	22.5	-75.6
109.73	20.9	-75.3
155.45	19.9	-74.9
201.17	20.3	-74.6
246.89	21	-74.3
292.61	21.9	-74.5
338.33	24.2	-74.6
384.05	24.2	-74.1
429.77	23.1	-73
475.49	20.3	-72.5
521.21	20.7	-72.2
566.93	18.8	-71
612.66	18.1	-70.2
658.38	19	-69.4
710.19	18.4	-69.2

Hole Summary: This hole collared in to a black grey softer transition zone between AKF and GSF rocks. The uppermost sections of the Gunsteel formationational rocks are strong to intensely faulted to a depth of almost 115m Typical rocks in the upper sections of the footwall rocks consist thickly bedded massive, fragmental and baritic shales. A series variably thick bedded distal facies pyrite/nodular barite mineralisation occurs from 321.87-579.84m. Thickly bedded proximal facies style pyrite mineralisation (4MPSH) begins from 582.01 to a depth of 617.36 and is interbedded with an abundance of multi-metre thick black shale interbeds. The Cardiac Creek (4CC) zone in this drillhole can be separated inta thicker main zone that occurs from 617.36-648.68m (31.32m) and a thinner, higher grade lower footwall(?) zone from 660.78-670.43m (9.65m). Mineralised sulphide bedding comprise 50% and 55% of overal length in the upper and lower 4CC zone respetively. A thick massive shale interbed occurs between the main mineralised zones. Fragment/Clast concentrations number **60** in the upper and **92** in the lower zone totalling **154** may hint to the overal enrighced nature of the lower zone. The footwall rocks consists of a thick interval of 4LPSH to a depth of 687.06m. An usually thick PRFdebris flow package occurs from 687.06-710..88m and the hole was finished at final depth of 716.28m in a muddy calcareous Silurian siltstone.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-127	0.00	3.05	3.05	Casing	Casing/Overburden	CS		CS
A-15-127	3.05	16.75	13.70	Softer dark grey to black shale (possible AKF transition Zone)	Light - medium grey, moderately soft, very fine grained, well-bedded, silty mudstone. Some of the light grey beds are pyritic (none are calcareous). Gradational upper contact. Similar to above with calcareous interbeds becoming more obvious. The beds are sub-cm to 1cm wide. Weakly developed, coarse grained, white nodular barite containing sub-cm scale irregular blebs of pyrite within core. Upper conat nared by quartz-carb veining? no obvious contact except a 30cm faulted and gougy sections of core. Bedding and cleavage are parallel and ranges from 35-50° tca.	3TS		AKF
A-15-127	16.75	48.97	32.22	Black, very fine siliceous mudstone interlaminated with very fine nodular barite.	Typical black siliceous Gunsteeel formation with very fine to fine grained sized, off-white, pyritic nodular . Bedding orientations are at 20-30 deg TCA, which parallels the dominant cleavage. Due to the low angle nature of the nodular barite it is difficult to accurately define a true thickness of the beds, but a good estimate is 5-15cm true thickness. interbedded by similarly thick beds of mudstone. Entire unti is highly fractured and cleavged throuout with thinner fracture/fault zone. A 10-15 thick very low angle quartz and pyrobitumen vein occurs from 38.7-40.71m.	4SH	4BSH	GSF
A-15-127	48.97	60.25	11.28	Black, very fine siliceous mudstone interbedded with minor sections of shale with disrupted grey silty beds and laminations.	Black, very fine, siliceous mudstone typical of Gunsteel shale that contains scattered intervals containing disrupted beds and laminations of calcareous silty material. The entire unit is fractured and cleavaed throughout. Cleavage angles range from 15-30° tca. Mineralized with finely disseminated and cm-scale blebs of brassy yellow pyrite. Bedding where observed in parallel to near parellel to cleavage angles.	4SH	4DSS	GSF
A-15-127	60.25	117.19	56.94	Matrix supported, fragmental debris flow with an abundant variation of fragments.	Black, siliceous, very fine grained mudstone interbedded with pulses of mudstone supported debris flow composed of 0.1 - 15cm wide, sub-angular to sub-rounded, fragments of limestone, siltstone, black mudstone, pyritic siltstone, and quartz-carbonate vein. Fragments are generally sub-cm to 3cm in size. Quartz and carbonate fragments are the most angular fragments. Mudstone fragments are sub-rounded. The rare limestone fragments are sub-rounded to well-rounded. Cobble sized bioclastic limestone fragments are common in the final 2m of this interval--> weak grading, fining up? There are rare and thin intervals containing disrupted, pyritic silt beds throughout the interval (4DSS). Entire unit is well cleaved. A 0.6m clay fault gouge occurs from 97.60-98.30m amd 107.95-108.08m. The former a tight a busted up fold is observed. Towards base of unit within last 10+ metres there is an increase in fossiliferous limestone fragments.	4FSH		GSF
A-15-127	117.19	127.31	10.12	Thickly bedded black siliceous mudstone	Black, very fine, siliceous mudstone interlaminated with scattered silty laminations. Cleavage and bedding planes are parallel and range from 35-55°tca . Mineralised with 1-2% very finely disseminated brassy yellow pyrite. One 60cm concretion from 124.2-124.8m.	4SH		GSF
A-15-127	127.31	132.93	5.62	Black mudstone interbedded with fragmental debris flow	Thin unit with black siliceous mudstone containing ~10% sub angular to sub rounded cm-scale grey silty mudstone fragments. Predominantly mudstone. Upper contact to Gunsteel shale is gougy and sheared. Unit is moderately faulted throughout with weakly graphitic cleavage surfaces. Bedding and cleavage are near parallel-parallel and ranges from 25-45°tca.	4FSH		GSF
A-15-127	132.93	142.14	9.21	Bedded black siliceous mudstone	Black, very fine, siliceous mudstone interlaminated with scattered silty laminations. Cleavage and bedding planes are parallel and range from 35-55°tca . Mineralised with 1-2% very finely disseminated brassy yellow pyrite.	4SH		GSF
A-15-127	142.14	160.55	18.41	Bedded black siliceous mudstone with scattered beds of fine nodular barite	Well bedded black, very fine, siliceous mudstone interbedded with 5-10% scattered mm scale laminations finely laminated nodular barite. Finaly laminated dark grey to light grey silty laminations occur throughout in interval. Scattered 10-15cm thick interval of black shale with >100 mm scale dark grey concretions. Cleavage and bedding are parallel and ranges from 30-45°tca. Lower contact is very distinct with well devloped soft gouge into underlying thickly bedded shale. Mineralised with finely disseminated brassy yellow pyrite.	4SH	4BSH	GSF
A-15-127	160.55	215.38	54.83	Thickly bedded black siliceous mudstone.	Typical thickly bedded, black, very fine siliceous mudstone. Generally featureless with rare fine silt laminations which increase in abundance towards base. Disseminated very fine brassy yellow pyrite. Two large >30cm calcareous grey concretions within last 5m of unit. The unit contains little to no smaller concretions. Cleavage and bedding are parallel and ranges from 20-35°tca.	4SH		GSF
A-15-127	215.38	216.91	1.53	Very siliceous chert interbed	Light grey to grey. Very fine and and siliceous interbed of cherty mudstone. Highly fractured and crossed with abundant quartz and lesser carbonate veining. Composed of approximately 40% crosscutting veins. Not mineralized. Sharp upper contact @40°tca with a gradational lower contact into Gunsteel.	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-127	216.91	321.87	104.96	Thickly bedded black siliceous mudstone.	Typical thickly bedded, black, very fine siliceous mudstone. ~10-15 scattered sub cm grey silty laminations. which increase in abundance towards base. Highly scattered large >30cm calcareous grey concrections. Cleavage and bedding directions are parallel however there are several orientation changes that indicate possible folding (noted in structures tab). Scattered every 30m-40m are 0.5-1m wide sheared vein zone oriented at approximately 35°tca.	4SH		GSF
A-15-127	321.87	330.75	8.88	Weakly developed distal pyrite/nodular barite mineralisation	Black, very fine siliceous mudstone with 3-5% fine laminations of nodular barite and less abundant scattered fine lamintions of brassy yellow and brown pyrite. Bedding and cleavage planes are near parallel and ranges from 25-35°tca. Upper contact is marked by a sheared quartz-carbonate vein zone with moderate strength shear fabric @35°tca.	4PYSH	4SH	GSF
A-15-127	330.75	371.89	41.14	Thickly bedded black siliceous mudston eassociated with a well devloped fault zone.	Typical black, siliceous very fine mudstone. Bedding where observed in parallle to cleavage and ranges from Very finely disseminated brassy yellow pyrite. Unit is contained entirely within a wide well developed fault zone. Cleavage where present in less faulted interval is approximately 20°tca.	4SH		GSF
A-15-127	371.89	386.53	14.64	Weakly developed distal pyrite/nodular barite mineralisation	Black, very fine siliceous mudstone with 10-15% fine laminations of nodular barite scattered fine dull brown pyrite. Irregular bedding orientations with minor local folding/'crumpling' of a mineralized interbed from 582.62-583.22m (noted in strucutre tab). Bedding and cleavage planes are parallel and range from 30-40°tca.	4PYSH		GSF
A-15-127	386.53	410.35	23.82	Thickly bedded black siliceous mudstone	Black, very fine, siliceous mudstone. Thickly bedded and featureless except from 392.48-398.52m where abundant very fine laminations of grey silty occur. Disseminated very fine brassy yellow pyrite. Bedding can only be observed locally by silty laminations and is approx. 25°tca.	4SH		GSF
A-15-127	410.35	416.98	6.63	Weakly developed distal nodular barite mineralisation and no observable pyrite laminations	Black, very fine siliceous mudstone with 10% fine laminations of nodular bariteand very local pyrite (brassy yellow). Barite nodules are up to 2-3mm with brassy yellow pyrite cores. Bedding planes are relatively consistent with slight shallowing of angle towards bottom of unit where there is an increase in cleavage planes and localised faulting. Bedding is approximately 20-25°tca.	4PYSH		GSF
A-15-127	416.98	458.38	41.40	Thickly bedded black siliceous mudstone.	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes. Cleavage is approximately 20-25°tca. 1-2% mm-scale quartz and lesser carbonate veinlets paralllel to cleavage.	4SH		GSF
A-15-127	458.38	498.43	40.05	Weakly developed distal pyrite/nodular barite mineralisation	Black, very fine siliceous mudstone with 15% fine laminations of nodular bariteand very local dull brown pyrite laminations. Barite nodules are up to 3-4mm with brassy yellow pyrite cores. Thick shale interebeds are frequent and can be up to 2.5m thick. Highly scattered mineralised interbeds around 10-25cm thick. Localised folding and irregular bedding directions of mineralized interberds and fold axes are parallel to cleavage. Bedding ranges from 25-165°tca. Carbonate breccia vein from 461.65-462.00m with angular shale fragments, minor quartz and pyrobitumen matrix.	4PYSH		GSF
A-15-127	498.43	499.28	0.85	Grey, very siliceous chert interbed	Grey to dark grey, very fine and very siliceous cherty interbed. Brecciated upper and lower contacts. "Chattering" along core exterior from drill steel. Not mineralized. Abundant later stage crosscutting quartz veins and veinlets.	4CSH		GSF
A-15-127	499.28	501.52	2.24	Black, very fine siliceous mudstone	Typical thickly bedded Gunsteel mudstone. Scattered sub-cm silty beds. Cleavage approximately 35°tca.	4SH		GSF
A-15-127	501.52	503.53	2.01	Moderately developed distal pyrite/barite mineralisation.	Same as above. Slightly stronger than above interval. Mineralized interbeds are more frequent and up to 30-40cm thick. Mineralisation occurs over 15-20% of the interval. Dull brown pyrite laminations are more obvious.	4PYSH		GSF
A-15-127	503.53	515.38	11.85	Thickly bedded black siliceous mudstone.	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes. Cleavage is approximately 20-25°tca. 1-2% mm-scale quartz and lesser carbonate veinlets paralllel to cleavage.	4SH		GSF
A-15-127	515.38	516.12	0.74	Moderately developed distal pyrite/barite mineralisation.	Same as above. Coarser nodular barite. Irregular bedding planes. Sulphide laminations are grey in colour (possible Sphalerite?). Sampled interval.	4PYSH		GSF
A-15-127	516.12	525.08	8.96	Thickly bedded black siliceous mudstone.	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes. Cleavage is approximately 10-25°tca. 1-2% mm-scale quartz and lesser carbonate veinlets paralllel to cleavage.	4SH		GSF
A-15-127	525.08	527.45	2.37	Thin less obvious fragmental mudstone interbed	Matrix supported debris flow containing grey to dark grey silty, angular black shale fragments. Entire unit is broken and slightly gougy. Not mineralised. Cleavage is low angle from 20-50°tca.	4FSH		GSF
A-15-127	527.45	548.12	20.67	Thickly bedded black siliceous mudstone.	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes. Cleavage is 35-45°tca. 1-2% mm-scale quartz and lesser carbonate veinlets paralllel to cleavage.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-127	548.12	553.58	5.46	Black mudstone interbedded with mm scale barite nodules, debris flow and weakly developed 4PYSH	This unit consist of a predominantely black very fine mudstone at the top that contains scattered horizons of 1-4mm sclae white barite nodule and sub cm scale grey calcareous angular fragments that grades downhole to coarse silty fragments up to 2cm. Further downhole towards base of unit there are scattered occurennce of cm thick interlaminations of nodular barite and faint dull brown pyrite. Its interesting and relatively uncommon at this stratigraphic depth to have fragmental debris flows interbedded with distal pyrite mineralization.	4FSH	4PYSH	GSF
A-15-127	553.58	575.49	21.91	Well developed distal pyrite mineralization	Black siliceous very fine mudstone interbedded with approximately 30-35% well developed distal pyrite mineralisation. Mineralised interbeds range in thickness from 5-25cm thick. Minerlisation is composed of 1-4mm thick white barite nodules with brassy yellow pyritic cores and dominantly dull brown very fine pyrite laminations. Mineralisation and barite nodules appear to increase in occurence and size downhole. Bedding changes and abundant small scale folds are visible throughout with fold axis parallel to cleavage. Cleavage ranges from 25-55°tca. Minor fragmental/clastic input in topmost 3m of unit with subangular to subrounded grey silty fragments.	4PYSH		GSF
A-15-127	575.49	579.55	4.06	Black mudstone with scattered cm grey fragments	Black, very fine siliceous mudstone with approximately 15% sub-cm scale subangular to subrounded calcareous fragments. Bedding and fragment alignment is near parallel to cleavage and ranges from 25-45°tca. Poorly mineralization with pyritic cores in nodular barite and finely disseminated brassy yellow pyrite.	4FSH		GSF
A-15-127	579.55	582.01	2.46	Black siliceous mudstone interbed	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes. Abundant crosscutting quartz lesser carbonate veins and veinlets associated with vein zones both above and below unit in overlying fragmental and underlying bedded pyrite.	4SH		GSF
A-15-127	582.01	593.62	11.61	Proximal bedded dull brown pyrite mineralisation (20%)	Thick beds of dull brown, very fine grained, laminar pyrite and minor fine grained, 1mm sized, off-white, pyritic nodular barite. Very rare grey Sphalerite banding however a thin 10cm bed occurs from 586.85-587.05m. Mineralisation contain 5-80cm thick black, siliceous mudstone interbeds. Mineralised beds are 2-50cm and occure over 20% of the interval. Importantly bedding angles are approximately 45°tca and decreases to 10-15°tca representing ine limb of a larger fold.	4MPSH		GSF
A-15-127	593.62	597.22	3.60	Black siliceous mudstone interbed with silty beds	Black, very fine siliceous mudstone interbed within proximal facies mineralisation. There are cm-scale silty beds with low angle cleavage and within the shale the bedding angles reverse representing a nose of a larger fold.	4SH		GSF
A-15-127	597.22	599.83	2.61	Proximal bedded dull brown pyrite mineralisation (30%)	Thick beds of dull brown, very fine grained, laminar pyrite and minor fine grained, 1mm sized, off-white, pyritic nodular barite. Very thin rare dull to steel gray laminations occur locally. Mineralisation contain 5-80cm thick black, siliceous mudstone interbeds. Mineralised beds are 2-50cm and occur over 30% of the interval. Bedding angles have reversed and range from 110-160°tca.	4MPSH		GSF
A-15-127	599.83	602.67	2.84	Black siliceous mudstone interbed	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes.	4SH		GSF
A-15-127	602.67	607.61	4.94	Proximal bedded dull brown pyrite mineralisation (30%)	Very similar to above. Thick beds of dull brown, very fine grained, laminar pyrite and minor fine grained, 1mm sized, off-white, pyritic nodular barite. Moderate increase in thin rare dull to steel gray laminations of Sphalerite locally. Mineralisation contain 5-80cm thick black, siliceous mudstone interbeds. Mineralised beds are 2-50cm and occur over 30% of the interval. Bedding angles are variable because this unit is along the limb of a large fold and bedding angles appear to have switched back to common angles.	4MPSH		GSF
A-15-127	607.61	607.85	0.24	Grey very siliceous chert interbed	Very thin. Grey to dark grey, very fine and strongly siliceous interbed. This unit has a footwall silicification contact of 60cm into mudstone.	4CSH		GSF
A-15-127	607.85	610.72	2.87	Black siliceous mudstone interbed	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes.	4SH		GSF
A-15-127	610.72	612.73	2.01	Proximal bedded dull brown pyrite mineralisation (35%)	Very similar to above. Thin interval of proximal facies pyrite mineralisation. Beds of dull brown, very fine grained, laminar pyrite and minor fine grained, 1mm sized, off-white, pyritic nodular barite. Very rare Sphalerite laminations. Mineralisation contains 5-100cm thick black, siliceous mudstone interbeds. Mineralised beds are increasing in abundance, are approximately 2-30 cm thick and occur over 35% of the interval. Bedding angles are moderate around 65-75°tca.	4MPSH		GSF
A-15-127	612.73	617.36	4.63	Black siliceous mudstone interbed	Thickly bedded and featureless black, very fine siliceous mudstone. Jet black. No bedding planes.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-127	617.36	648.68	31.32	50% moderate to well developed Cardiac Creek Zone minerlisation	This interval is characterized by 1-50cm thick mineralized beds of pyrite-sphalerite-galena-quartz-carbonate. The pyrite is very fine grained, dull brown, laminar - bedded, in intervals of 0.2- 4cm in thickness. The sphalerite mineralization is very fine grained, grey and laminar to bedded and locally higher grade indicated by the presence of mottling. Mottling appears to be strongest around middle to lower 2/3rds of this interval. Unit contains both concretions and laminated 'felted' fragments. Concretions occur primarily in shale interbeds and fragment primarily within mineralized interbeds. Fragments are often irregular, sub-angular to sub-rounded, very fine grained, light grey, 0.5-10cm wide. Finely disseminated metallic blue galena is observed very locally. Cleavage and bedding orientations are near parallel, consistent and ranges from 30-60°tca.	4CC		GSF
A-15-127	648.68	660.78	12.10	Black siliceous mudstone interbed	Black, very fine siliceous and featureless mudstone interbed. 2-3% mm scale veinlets parallel to cleavage that is approximately 30°tca. 2-3% very finely disseminated brassy yellow pyrite. 3-5% mm scale veinlets parallel to cleavage	4SH		GSF
A-15-127	660.78	670.43	9.65	Well mineralised footwall Cardiac Creek Mineralisation with 55% sulphide bedding	Very similar to above however better mineralised. 55% well mineralised sulphide bedding containing approximately 30% pyrite, 15% sphalerite, 7% barite, 3-5% galena (??). Tightly folded bedding or flame type structures in local sphalerite rich beds. Bedding angles are consistent throughout and approximately 45°tca. Mineralised interbeds contain fine sub mm scale tension cracks normal to bedding planes filled with remobilized sulphide material, primarily galena and sphalerite.7	4CC		GSF
A-15-127	670.43	687.06	16.63	Black siliceous mudstone with highly scattered laminated pyrite and abundant concretions	Black to dark grey, very fine siliceous Gunsteel shale interlaminated with abundant dull brown to yellow brown very fine pyrite. Pyrite concentration is comprises approxomately 15-20% of unit. Within thicker and more abundant sections of laminer of pyrite are very fine brown-gray metallic laminations of Sphalerite(?) . Strong to intense concentrations of sub cm scale concretions are located within sections of laminer sulphides. Mudstone interbeds contain coarse round grey concretions up to 4cm. Bedding and cleavage planes are near parallel and consistently range from 35-45° tca. Although pyrite concentration can be locally high there is no thick bed development. Within last 2.3m of interval laminer pyrite occurs in beds up to 20cm thick. Entire unit contains scattered traces of 0.5-1%mm scale acicular barite crystals.	4LPSH		GSF
A-15-127	687.06	689.10	2.04	Altered and brecciated limestone with mud filled fractures and pyritized matrix	Unit is characterized by predominantly white-light grey to grey limestone fragments (?)10-20% black mud filled fractures and matrix material. 15-20% brassy yellow pyrite replaced matrix as part of typical footwall alteration halo. Calcareous fragments lack obvious fossils and range in size from 1-5cm. Unit contains 5-7% cm scale quartz-carbonate veins.	5BXLS		PRF
A-15-127	689.10	710.88	21.78	Clast supported polymict debris flow in black shale	Vastly different than above. This unit is characterized as a high energy clast supported debris flow containg many clast types ranging from sub rounded to rounded very coarse (up to 25cm) calcareous siltsone and fossilferous limestone, coarse sub angluar to sub rounded dark grey massive to laminated silty clast and medium sized darker angular to sub angular black mudstone fragments. The matrix is a very fine black, siliceous, weakly pyritized (in upper sections) mudstone. Pyritizization of matrix is not sydepositional. Weak bedding fabric observed locally around 25-65°tca.	5BXLS		PRF
A-15-127	710.88	716.28	5.40	Calcareous and muddy siltstone	Light grey to dark grey, fine grained muddy siltstone with highly irregular bedding and highly dirupted carbonate alteration. Siltstone contains a minor amount of fine grained, disseminated pyrite and <1% mm scale acicular barite crystals. Contains scattered 10-20cm thick brecciated intervals contain elevated mud percentages.	6CSS		RRG
A-15-127	**716.28**	**EOH**						

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-15-127	607.85	608.48	0.63	Weak silicification of black siliceous mudstone immediately below a 4CSH interbed.	SIL	2
A-15-127	687.06	689.1	2.04	Pyritized replacement of limestone breccia matrix. Unit is dominsantly limestone fragments and more suscpetable to alteration than underlying clast supported debris flow		
A-15-127	687.06	716.28	29.22	weak barite alteration composed of very fine mm scale acicular barite crystals restricted to thin fraccture veinlets. This alteration is commonly associated with typical footwall alteration in close proximity to hydrothermal vents. Alteration is not strong.	BAR	2

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-127	582.01	593.62	11.61	Proximal bedded dull brown pyrite mineralisation (20%)	15	0.5		3		
A-15-127	597.22	599.83	2.61	Proximal bedded dull brown pyrite mineralisation (30%)	20	2		8		
A-15-127	602.67	607.61	4.94	Proximal bedded dull brown pyrite mineralisation (30%)	20	2		8		
A-15-127	610.72	612.73	2.01	Proximal bedded dull brown pyrite mineralisation (35%)	22	5		8		
A-15-127	617.36	648.68	31.32	50% moderate to well developed Cardiac Creek Zone minerlisation	20	15	7	7		
A-15-127	660.78	670.43	9.65	Well mineralised footwall Cardiac Creek Mineralisation with 55% sulphide bedding	25	20	5	5		
A-15-127	670.43	687.06	16.63	Black siliceous mudstone with highly scattered laminated pyrite and abundant concretions	20					

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-127	38.7	40.71	2.01	A low angle ~15-20° tca quartz carbonate and dominantly pyribitumen vein. (>80% pyrobitumen).	65	20
A-15-127	370.94	373.05	2.11	About 40% quartz and lesser carbonate veinins associated with a minor fault zone. Veining seems to associated to a thin unit of 4PYSH. Large cm-scale irregular veins as well as secondary mm scale veinlets oriented paralllel to cleavage	40	20
A-15-127	461.65	462	0.35	Carbonate breccia vein from with carbonate altered angular shale fragments, minor quartz and pyrobitumen matrix.	100	20
A-15-127	578.27	590.63	12.36	Numerous vein zones above 4MPSH. Variable angles and quartz very minor carbonate. Mm to dm thick,	20	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	10.66	10.67	0.01	cleavage	CLV	34
A-15-127	13.22	13.23	0.01	cleavage	CLV	27
A-15-127	15.55	15.56	0.01	cleavage	CLV	35
A-15-127	20.11	20.12	0.01	cleavage	CLV	33
A-15-127	24.78	24.79	0.01	cleavage	CLV	18
A-15-127	26.24	26.25	0.01	bedding plane?	BDG	32
A-15-127	27.63	27.64	0.01	cleavage	CLV	27
A-15-127	30.48	37.39	6.91	fault zone. Strong rubbly sections but no gouge	FLT	
A-15-127	32.11	32.11	0.01	cleavage	CLV	18
A-15-127	35.66	35.67	0.01	bedding	BDG	19
A-15-127	39.62	39.63	0.01	nodular barite bedding	BDG	14
A-15-127	41.15	41.16	0.01	cleavage	CLV	15
A-15-127	43.85	43.86	0.01	bedding	BDG	10
A-15-127	45.85	45.86	0.01	cleavage	CLV	13
A-15-127	48.35	48.36	0.01	bedding	BDG	12
A-15-127	49.65	49.66	0.01	cleavage	CLV	13
A-15-127	51.91	519.92	0.01	bedding in silty lamination	BDG	16
A-15-127	54.46	54.47	0.01	cleavage	CLV	15
A-15-127	56.61	56.62	0.01	bedding	BDG	17
A-15-127	59.21	59.22	0.01	cleavage	CLV	16
A-15-127	60.96	60.97	0.01	bedding in fragmental shale	BDG	14
A-15-127	61.8	61.81	0.01	cleavage	CLV	16
A-15-127	66.55	66.56	0.01	bedding in fragmental shale	BDG	18
A-15-127	68.99	69	0.01	cleavage	CLV	16
A-15-127	70.01	70.02	0.01	bedding in fragmental shale	BDG	12
A-15-127	71.53	71.54	0.01	cleavage	CLV	17
A-15-127	73.66	73.67	0.01	bedding in fragmental shale	BDG	16
A-15-127	75.15	75.16	0.01	cleavage	CLV	11
A-15-127	77.11	77.12	0.01	bedding	BDG	13
A-15-127	77.75	79.55	1.8	very rubbly with no gouge development	FLT	15
A-15-127	81.65	81.66	0.01	cleavage	CLV	8
A-15-127	83	83.01	0.01	bedding in disrupted silty laminations	BDG	11
A-15-127	85.75	85.76	0.01	cleavage	CLV	9
A-15-127	89.58	89.59	0.01	bedding in disrupted silty laminations	BDG	24
A-15-127	90.83	90.84	0.01	cleavage	CLV	14
A-15-127	92.1	92.11	0.01	bedding in disrupted silty laminations	BDG	13
A-15-127	93.67	93.68	0.01	cleavage	CLV	14
A-15-127	95.75	95.76	0.01	cleavage	CLV	11
A-15-127	96.57	96.58	0.01	bedding in fragmental shale	BDG	13
A-15-127	97.57	98.48	0.91	folded, thin cleavage and moderately developed gouge.	FLT`	75
A-15-127	101.49	101.5	0.01	cleavage	CLV	14
A-15-127	102.61	102.62	0.01	bedding	BDG	21
A-15-127	104.25	104.26	0.01	cleavage	CLV	42

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	105.59	105.6	0.01	bedding	BDG	33
A-15-127	107.48	107.49	0.01	cleavage	CLV	48
A-15-127	107.58	108.13	0.55	fault gouge	FLT	58
A-15-127	110.73	110.74	0.01	cleavage	CLV	53
A-15-127	111.82	111.83	0.01	bedding in silty lamination	BDG	52
A-15-127	112.87	112.88	0.01	cleavage	CLV	51
A-15-127	114.48	114.49	0.01	bedding in fragmental shale	BDG	48
A-15-127	115.63	115.64	0.01	cleavage	CLV	46
A-15-127	117.85	117.86	0.01	fine nodular barite laminations in fragmental shale	BDG	58
A-15-127	119.75	119.76	0.01	cleavage	CLV	52
A-15-127	123.85	123.86	0.01	cleavage	CLV	34
A-15-127	126.12	126.13	0.01	fine silty laminations	BDG	43
A-15-127	126.65	128.75	2.1	sheared shale with localized gouge. Marks a unit contact?	FLT	50
A-15-127	132.12	132.13	0.01	fragmental shale bedding	BDG	39
A-15-127	132.32	132.33	0.01	cleavage	CLV	38
A-15-127	135	136.03	1.03	thin rubbly fault zone	FLT	
A-15-127	136.85	136.86	0.01	cleavage	CLV	44
A-15-127	137.85	137.86	0.01	faint silty and brassy yellow pyrite laminations	BDG	41
A-15-127	139.93	139.94	0.01	cleavage	CLV	36
A-15-127	142.86	142.87	0.01	nodular barite laminations	BDG	47
A-15-127	145.56	147.57	0.01	cleavage	CLV	27
A-15-127	146.85	146.86	0.01	nodular barite laminations	BDG	34
A-15-127	149.65	149.66	0.01	cleavage	CLV	41
A-15-127	151.11	151.12	0.01	nodular barite laminations	BDG	25
A-15-127	152.65	159.66	0.01	cleavage	CLV	34
A-15-127	154.88	154.89	0.01	nodular barite laminations	BDG	43
A-15-127	155.81	155.82	0.01	cleavage	CLV	34
A-15-127	159.61	159.62	0.01	cleavage	CLV	35
A-15-127	160.55	163.68	3.13	Well developed soft fault gouge. Unit contacts. Very clay rich.	FLT	
A-15-127	165.35	165.36	0.01	cleavage	CLV	24
A-15-127	166.42	167.33	0.91	Well developed soft fault gouge. Very clay rich. Sharp lower contact with Gunsteel shale.	FLT	40
A-15-127	167.79	167.8	0.01	faint bedding in featureless mudstone	BDG	33
A-15-127	169.46	169.47	0.01	cleavage	CLV	36
A-15-127	171.29	171.3	0.01	cleavage	CLV	35
A-15-127	173.44	173.45	0.01	very finat banding indicated by finely disseminated brassy yellow pyrite (bedding?)	BDG	33
A-15-127	175.15	175.16	0.01	cleavage	CLV	34
A-15-127	178.9	178.91	0.01	cleavage	CLV	34
A-15-127	182	182.01	0.01	cleavage	CLV	33
A-15-127	183.98	183.99	0.01	cleavage	CLV	31
A-15-127	187.51	187.52	0.01	cleavage	CLV	31

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	189.65	189.66	0.01	cleavage	CLV	34
A-15-127	192.25	192.26	0.01	cleavage	CLV	35
A-15-127	195.92	195.93	0.01	cleavage	CLV	37
A-15-127	198.13	198.14	0.01	silty laminations and fine nodular barite	BDG	30
A-15-127	198.44	198.45	0.01	cleavage	CLV	31
A-15-127	201.65	201.66	0.01	silty laminations	BDG	32
A-15-127	202.49	202.5	0.01	cleavage	CLV	32
A-15-127	202.93	202.94	0.01	folded quartz veinlet with fine nodular barite within. Parallel to cleavage	FA	37
A-15-127	205.55	205.56	0.01	silty laminations	BDG	36
A-15-127	205.59	205.6	0.01	Topping direction downhole?	T-Down	38
A-15-127	207.95	207.96	0.01	Cleavage	CLV	43
A-15-127	209.78	209.79	0.01	bedding in silty laminations	BDG	30
A-15-127	212.71	212.72	0.01	cleavage	CLV	40
A-15-127	215.08	215.09	0.01	bedding	BDG	38
A-15-127	217.86	217.87	0.01	cleavage	CLV	47
A-15-127	219.09	219.1	0.01	bedding	BDG	27
A-15-127	220.19	220.2	0.01	cleavage	CLV	30
A-15-127	221.52	221.53	0.01	silty lamination	BDG	31
A-15-127	222.95	222.96	0.01	silty beds	BDG	36
A-15-127	224.13	224.14	0.01	cleavage	CLV	35
A-15-127	227.01	227.02	0.01	silty laminations	BDG	34
A-15-127	228.08	228.09	0.01	cleavage	CLV	36
A-15-127	231.65	234.7	3.05	rubbly and well cleaved core. Locally granular gouge.	FLT	20
A-15-127	236.36	236.37	0.01	silty laminations	BDG	34
A-15-127	238.38	238.39	0.01	cleavage	CLV	33
A-15-127	240.4	240.41	0.01	silty laminations	BDG	36
A-15-127	242.31	242.32	0.01	cleavage	CLV	31
A-15-127	243.29	243.3	0.01	very faint whisps/laminations of gdark grey silt	BDG	38
A-15-127	245.36	246.37	0.01	cleavage	CLV	45
A-15-127	246.95	246.96	0.01	fold axis in silty/pyritic lamination	BDG	32
A-15-127	248.52	248.53	0.01	cleavage	CLV	34
A-15-127	250.85	250.86	0.01	cleavage	CLV	31
A-15-127	253.8	253.81	0.01	bedding occurs at a high angle to and rotated along axis.	BDG	67
A-15-127	256.13	256.14	0.01	cleavage appears to have remained consistent.	CLV	28
A-15-127	256.35	256.36	0.01	bedding occurs at a high angle to and rotated along axis.	BDG	65
A-15-127	258.91	258.92	0.01	cleavage	CLV	22
A-15-127	259.01	259.02	0.01	bedding axial plane is intersecting cleavage normally with no rotation or cutting cleavage at an angle.	BDG	123
A-15-127	251.73	251.74	0.01	bedding	BDG	132
A-15-127	264.77	264.78	0.01	cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	264.88	264.89	0.01	bedding orientation has reveresed back to parallel to cleavage	BDG	47
A-15-127	267.51	267.52	0.01	cleavage	CLV	29
A-15-127	268.33	268.34	0.01	bedding	BDG	41
A-15-127	271.15	271.16	0.01	bedding	BDG	44
A-15-127	272.1	272.11	0.01	cleavage	CLV	23
A-15-127	272.57	272.58	0.01	fold axis in very fine silty lamination	FA	41
A-15-127	274.37	274.38	0.01	cleavage	CLV	32
A-15-127	277.43	277.44	0.01	cleavage	CLV	32
A-15-127	277.67	277.68	0.01	undulating silty laminations	BDG	42
A-15-127	280.25	280.26	0.01	silty and pyritic laminations	BDG	51
A-15-127	280.49	280.5	0.01	cleavage	CLV	37
A-15-127	282.81	282.82	0.01	cleavage	CLV	20
A-15-127	284.88	284.89	0.01	reversed bedding?	BDG	145
A-15-127	285.61	285.62	0.01	cleavage	CLV	27
A-15-127	286.81	286.82	0.01	disrupted bedding	BDG	138
A-15-127	289.11	289.12	0.01	cleavage	CLV	24
A-15-127	291.69	291.7	0.01	cleavage	CLV	18
A-15-127	294.45	291.46	0.01	cleavage	CLV	42
A-15-127	297.05	297.06	0.01	reversed bedding?	BDG	142
A-15-127	298.55	298.56	0.01	cleavage	CLV	20
A-15-127	299.65	299.66	0.01	bedding orientation has reversed being parallel to dominant cleavage plane	BDG	42
A-15-127	300.74	300.75	0.01	cleavage	CLV	36
A-15-127	301.75	301.76	0.01	bedding orientation is high angled to cleavage	BDG	144
A-15-127	303.68	303.69	0.01	very low angle cleavage	CLV	7
A-15-127	306.85	306.86	0.01	cleavage	CLV	30
A-15-127	310.95	310.96	0.01	cleavage	CLV	9
A-15-127	313.91	313.92	0.01	cleavage	CLV	16
A-15-127	317.21	317.22	0.01	cleavage	CLV	34
A-15-127	320.9	321.87	0.97	shear zone associated with a contact vein zone. Shear fabric. One of nearly 4 shear section in the overlying gunsteel		27
A-15-127	321.67	321.68	0.01	cleavage	CLV	44
A-15-127	322.87	322.88	0.01	nodular barite laminations in 4PYSH	BDG	28
A-15-127	323.95	323.96	0.01	cleavage	CLV	32
A-15-127	325.63	325.64	0.01	bedding in brassy yellow pyrite laminations	BDG	18
A-15-127	326.12	326.13	0.01	cleavage	CLV	23
A-15-127	328.95	328.96	0.01	bedding	BDG	40
A-15-127	330.52	330.53	0.01	cleavage	CLV	22
A-15-127	333.02	333.03	0.01	very fine silty laminations	BDG	29
A-15-127	334.2	334.21	0.01	cleavage	CLV	35
A-15-127	335.32	335.33	0.01	cleavagre	CLV	30

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	336.8	358.18	21.38	Wide fault zone characterized bu numerous sub-m gouge and well cleaved rubbly core throughout. This fault zone is not identified in nearby historical holes. Cleavage where is approximately 25° tca.	FLT	25
A-15-127	345.94	345.95	0.01	cleavage in fault zone	CLV	22
A-15-127	349.61	349.62	0.01	poorly developed nodular barite lamination	BDG	30
A-15-127	349.7	349.71	0.01	cleavage	CLV	28
A-15-127	351.54	351.55	0.01	cleavage in fault zone	CLV	21
A-15-127	353.67	353.68	0.01	cleavage in fault zone	CLV	23
A-15-127	362	367.38	5.38	Fault zone.	FLT	20
A-15-127	367.48	367.49	0.01	cleavage	CLV	22
A-15-127	371.89	371.9	0.01	dull brown pyrite laminations	BDG	26
A-15-127	372.25	372.26	0.01	cleavage	CLV	18
A-15-127	373.15	378.26	5.11	Fault zone.	FLT	25
A-15-127	374.61	374.62	0.01	nodular barite laminations	BDG	27
A-15-127	379.58	379.59	0.01	cleavage	CLV	37
A-15-127	381.18	381.19	0.01	bedding of nodular barite and dull brown pyrite laminations	BDG	34
A-15-127	382.88	382.89	0.01	fold axis of locally 'crumpled' 4PYSH. Axis is slighly shallower or lower than cleavage.	FA	22
A-15-127	383.62	383.63	0.01	cleavage	CLV	25
A-15-127	389.62	389.63	0.01	bedding of mineralised interbed is parallel to cleavage	BDG	28
A-15-127	386.08	386.09	0.01	dull brown pyrite laminations	BDG	26
A-15-127	387.51	387.52	0.01	cleavage	CLV	27
A-15-127	391.01	391.02	0.01	cleavage	CLV	18
A-15-127	392.69	392.7	0.01	very finely laminated silt	BDG	23
A-15-127	393.95	393.96	0.01	cleavage	CLV	28
A-15-127	394.05	398.12	4.07	faulted zone. No gouge just abundant very low angle cleavage	FLT	15
A-15-127	398.18	398.19	0.01	very finely laminated silt	BDG	17
A-15-127	400.25	400.26	0.01	cleavage	CLV	33
A-15-127	403.35	403.36	0.01	cleavage	CLV	21
A-15-127	406.15	406.16	0.01	cleavage	CLV	34
A-15-127	408.72	408.73	0.01	cleavage	CLV	17
A-15-127	410.67	410.68	0.01	nodular barite laminations	BDG	22
A-15-127	410.77	416.98	6.21	Abundant fracturing, low angle cleavage and localised gouge. This structure appears to occur entirely within a 4PYSH horizon between two thickly bedded Gunsteel units.	FLT	20
A-15-127	413.91	413.92	0.01	nodular barite bedding	BDG	18
A-15-127	419.2	419.21	0.01	cleavage	CLV	19
A-15-127	421.51	421.52	0.01	cleavage	CLV	25
A-15-127	424.51	424.52	0.01	cleavage	CLV	22
A-15-127	427.07	427.08	0.01	cleavage	CLV	20

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	429.88	429.89	0.01	cleavage	CLV	19
A-15-127	433.11	433.12	0.01	cleavage	CLV	22
A-15-127	435.85	435.86	0.01	cleavage	CLV	20
A-15-127	438.3	438.31	0.01	cleavage	CLV	20
A-15-127	440.88	442.87	1.99	Rubbly fault zone. Fault gouge within last 15cm of interval	FLT	
A-15-127	442.98	442.99	0.01	cleavage	CLV	25
A-15-127	446.38	446.39	0.01	cleavage	CLV	24
A-15-127	450.2	450.21	0.01	cleavage angles have locally increased	CLV	67
A-15-127	451.76	451.77	0.01	cleavage	CLV	21
A-15-127	454.66	454.67	0.01	cleavage	CLV	19
A-15-127	458.48	458.49	0.01	fold axis in mineralized interbed paralleling cleavage	FA	22
A-15-127	459.72	459.73	0.01	bedding angle has locally increased.	BDG	72
A-15-127	462.13	462.14	0.01	nodular barite bedding	BDG	31
A-15-127	466.01	466.02	0.01	cleavage	CLV	37
A-15-127	466.79	466.8	0.01	nodular barite bedding	BDG	48
A-15-127	469.75	469.76	0.01	cleavage	CLV	23
A-15-127	470.91	470.92	0.01	nodular barite bedding	BDG	43
A-15-127	472.77	472.78	0.01	cleavage	CLV	27
A-15-127	475.61	475.62	0.01	fold axis in mineralised interbed	FA	22
A-15-127	475.69	475.7	0.01	pyritic laminations	BDG	51
A-15-127	478.48	478.49	0.01	mineralised interbed	BDG	141
A-15-127	480.61	480.62	0.01	mineralised interbed	BDG	38
A-15-127	480.82	480.83	0.01	inner limb of mineralised interbed. Folded axis is still parallel to cleavage...below measurement	BDG	165
A-15-127	480.91	480.92	0.01	fold axis in locally folded mineralised interbed	FA	20
A-15-127	482.95	482.96	0.01	cleavage	CLV	19
A-15-127	483.94	483.95	0.01	bedding	BDG	98
A-15-127	484.18	484.19	0.01	bedding	BDG	139
A-15-127	484.58	484.59	0.01	bedding	BDG	162
A-15-127	484.74	484.75	0.01	bedding	BDG	144
A-15-127	485.24	485.25	0.01	cleavage	CLV	20
A-15-127	485.72	485.73	0.01	bedding	BDG	59
A-15-127	486.84	486.85	0.01	bedding	BDG	46
A-15-127	488.95	488.94	0.01	cleavage	CLV	17
A-15-127	490.94	490.95	0.01	higher angle bedding	BDG	94
A-15-127	492.94	492.95	0.01	cleavage	CLV	24
A-15-127	494.04	494.05	0.01	normal bedding angles	BDG	23
A-15-127	495.45	495.46	0.01	normal bedding angles	BDG	24
A-15-127	496.72	496.73	0.01	cleavage	CLV	15
A-15-127	499.44	499.45	0.01	cleavage	CLV	16
A-15-127	501.6	501.61	0.01	mineralised interbed	BDG	34
A-15-127	503	503.01	0.01	mineralised interbed	BDG	33
A-15-127	503.09	503.1	0.01	fold axis within mineralised interbed	BDG	31

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	503.45	503.46	0.01	cleavage	CLV	28
A-15-127	505.72	505.73	0.01	cleavage	CLV	26
A-15-127	508.19	508.2	0.01	cleavage	CLV	22
A-15-127	511.45	511.46	0.01	cleavage	CLV	18
A-15-127	515.19	515.2	0.01	low angle cleavage	CLV	17
A-15-127	515.48	515.49	0.01	mineralised bedding	BDG	42
A-15-127	515.95	515.96	0.01	fold axis parallel to the dominant low angle cleavage	FA	18
A-15-127	518.01	518.28	0.27	thin fault zone. High angle rubble and soft. Not quite gougy.	FLT	17
A-15-127	522.48	522.49	0.01	very low angle clevage	CLV	11
A-15-127	529.02	529.03	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	27
A-15-127	530.21	530.22	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	37
A-15-127	533.05	533.06	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	35
A-15-127	536.38	536.39	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	33
A-15-127	538.42	538.43	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	38
A-15-127	541.28	541.29	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	29
A-15-127	543.81	543.82	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	31
A-15-127	546.41	546.42	0.01	cleavage in thickly bedded featureless Gunsteel	CLV	31
A-15-127	548.21	548.22	0.01	bedding in fragmental shale	BDG	32
A-15-127	550.19	550.2	0.01	cleavage	CLV	22
A-15-127	552.75	552.76	0.01	bedding	BDG	32
A-15-127	553.48	553.49	0.01	cleavage	CLV	32
A-15-127	553.72	553.73	0.01	mineralised interbed	BDG	41
A-15-127	556.61	556.62	0.01	cleavage	CLV	33
A-15-127	556.73	556.74	0.01	nodular barite bedding	BDG	31
A-15-127	558.51	558.52	0.01	mineralised interbed	BDG	39
A-15-127	558.99	559	0.01	cleavage	CLV	30
A-15-127	560.63	560.64	0.01	fold axis in small folded mineralised bed	FA	35
A-15-127	562.72	562.73	0.01	mineralised bedding	BDG	51
A-15-127	563.05	563.06	0.01	cleavage	CLV	53
A-15-127	565.03	565.04	0.01	mineralised bedding	BDG	49
A-15-127	566.03	566.04	0.01	fold axis in small folded mineralised bed	FA	31
A-15-127	566.99	567	0.01	cleavage	CLV	39
A-15-127	569.83	569.84	0.01	bedding	BDG	42
A-15-127	570.14	570.15	0.01	Fold axis in mineralisation	FA-S	32
A-15-127	572.48	572.49	0.01	cleavage	CLV	28
A-15-127	572.49	572.5	0.01	bedding	BDG	29
A-15-127	572.81	572.82	0.01	fold axis	FA-S	27
A-15-127	577.25	577.26	0.01	cleavage	CLV	25
A-15-127	582.1	582.11	0.01	suphide bedding	BDG	53
A-15-127	584.58	584.59	0.01	cleavage	CLV	38
A-15-127	586.85	586.86	0.01	bedding	BDG	39
A-15-127	588.26	588.27	0.01	cleavage	CLV	19
A-15-127	589.81	589.82	0.01	bedding	BDG	16

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	589.91	589.92	0.01	cleavage	CLV	17
A-15-127	592.6	592.61	0.01	bedding	BDG	11
A-15-127	594.45	594.46	0.01	low angle bedding representing limb approaching fold nose	BDG	4
A-15-127	596.15	596.16	0.01	bedding beginst to overturn	BDG	165
A-15-127	596.92	596.93	0.01	cleavage	CLV	31
A-15-127	597.28	597.29	0.01	bedding overturned	BDG	155
A-15-127	597.88	597.89	0.01	bedding overturned	BDG	135
A-15-127	598.65	598.66	0.01	cleavage	CLV	21
A-15-127	599.12	599.13	0.01	bedding overturned	BDG	112
A-15-127	600.66	600.67	0.01	cleavage	CLV	16
A-15-127	602.69	602.7	0.01	another fold nose	FA-W	45
A-15-127	602.91	602.92	0.01	bedding measurement is rotated about 45 to the next following measurement indicating the drill hole is not cutting the fold normally. Axial plane of this measurement and the next are not parallel.	BDG	72
A-15-127	603.05	603.06	0.01	see above comments	BDG	120
A-15-127	604.58	604.59	0.01	bedding measurements from this point onward are consistent onward well into the	BDG	62
A-15-127	605.36	605.37	0.01	bedding	BDG	64
A-15-127	605.45	605.46	0.01	cleavage parallel to bedding	CLV	65
A-15-127	610.47	610.48	0.01	cleavage	CLV	25
A-15-127	612.56	612.57	0.01	mineralised bedding	BDG	68
A-15-127	613.42	613.43	0.01	cleavage within featureless shale	CLV	18
A-15-127	617.56	617.57	0.01	mineralised bedding	BDG	56
A-15-127	618.57	618.58	0.01	cleavage parallel to bedding	CLV	52
A-15-127	620.61	620.62	0.01	mineralised bedding	BDG	53
A-15-127	621.47	621.48	0.01	cleavage	CLV	55
A-15-127	623.75	623.76	0.01	sulphide bedding	BDG	36
A-15-127	624.76	624.77	0.01	cleavage	CLV	48
A-15-127	626.11	626.12	0.01	sulphide bedding	BDG	46
A-15-127	627.69	627.7	0.01	cleavage	CLV	22
A-15-127	629.01	629.02	0.01	sulphide bedding	BDG	46
A-15-127	630.32	630.33	0.01	cleavage	CLV	43
A-15-127	632.33	632.34	0.01	sulphide bedding	BDG	45
A-15-127	633.28	633.29	0.01	cleavage	CLV	45
A-15-127	635.92	635.93	0.01	sulphide bedding	BDG	48
A-15-127	637.62	637.63	0.01	cleavage	CLV	46
A-15-127	639.12	639.13	0.01	sulphide bedding	BDG	43
A-15-127	640.21	640.22	0.01	cleavage	CLV	31
A-15-127	641.58	641.59	0.01	sulphide bedding	BDG	45
A-15-127	642.73	642.74	0.01	cleavage	CLV	35
A-15-127	644.75	644.76	0.01	sulphide bedding	BDG	53
A-15-127	646.79	646.8	0.01	cleavage	CLV	25

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-127	647.48	647.49	0.01	sulphide bedding	BDG	42
A-15-127	648.48	648.49	0.01	cleavage	CLV	57
A-15-127	652.11	652.12	0.01	cleavage in featureless mudstone	CLV	26
A-15-127	655.81	655.82	0.01	cleavage in featureless mudstone	CLV	25
A-15-127	658.32	658.33	0.01	cleavage in featureless mudstone	CLV	25
A-15-127	659.4	659.41	0.01	cleavage in featureless mudstone	CLV	25
A-15-127	661.29	661.3	0.01	sulphide bedding	BDG	43
A-15-127	663.65	663.66	0.01	cleavage	CLV	42
A-15-127	664.28	664.29	0.01	sulphide bedding	BDG	54
A-15-127	665.9	665.91	0.01	cleavage	CLV	53
A-15-127	667.2	667.21	0.01	sulphide bedding	BDG	45
A-15-127	669.31	669.32	0.01	cleavage	CLV	51
A-15-127	670.15	670.16	0.01	sulphide bedding	BDG	41
A-15-127	672.5	672.51	0.01	bedding in 4LPSH	BDG	46
A-15-127	674.15	674.16	0.01	bedding in 4LPSH	BDG	52
A-15-127	676.56	676.57	0.01	bedding in 4LPSH	BDG	56
A-15-127	676.76	676.77	0.01	cleavage	CLV	55
A-15-127	680.81	680.82	0.01	bedding in 4LPSH	BDG	47
A-15-127	680.51	680.52	0.01	cleavage	CLV	41
A-15-127	683.05	683.06	0.01	bedding	BDG	44
A-15-127	683.23	683.24	0.01	cleavage	CLV	39
A-15-127	685.95	686.96	0.01	bedding	BDG	41
A-15-127	686.37	686.38	0.01	cleavage	CLV	17
A-15-127	691.01	691.02	0.01	cleavage is slight irregular because of bedding in debris flow	CLV	27
A-15-127	693.71	693.72	0.01	weak bedding observed as thin muddy filled fractures	BDG	35
A-15-127	698.01	698.02	0.01	irregular cleavage	CLV	20
A-15-127	706.33	706.34	0.01	cleavage	CLV	31
A-15-127	712	712.01	0.01	silstone bedding	BDG	14
A-15-127	716.01	716.02	0.01	silstone bedding	BDG	26

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-127	514.88	515.38	0.50	2695346	4SH	0.00	100.00		VAN15002416	24.4	26.1	19.2	109	<0.5	10041
A-15-127	515.38	515.78	0.40	2695347	4PYSH with fine Sph laminat	30.00	70.00		VAN15002416	15.6	57.9	51.9	22	0.8	7055
A-15-127	515.78	516.12	0.34	2695348	4PYSH with fine Sph laminat	35	65		VAN15002416	20.3	47.9	48.5	24	0.6	4790
A-15-127	516.12	516.62	0.50	2695349	4SH	0.00	100.00		VAN15002416	44.8	31.6	35.2	7	<0.5	4710
A-15-127	574.57	575.49	0.92	2695350	4SH	0.00	100.00		VAN15002416	25.9	27.4	11.3	697	<0.5	22043
A-15-127	575.49	576.87	1.38	2695351	4FSH	0.00	100.00		VAN15002416	46.1	28.7	28.1	92	0.6	20822
A-15-127	576.87	577.91	1.04	2695352	4FSH	0.00	100.00		VAN15002416	36.2	21.2	7.1	738	<0.5	14175
A-15-127	CR Dup			2695353	Cr Dup of 2695352				VAN15002416	36.6	18.5	6.8	691	<0.5	13211
A-15-127	577.91	578.87	0.96	2695354	4FSH	3.00	97.00		VAN15002416	47.7	29.7	8.4	1444	<0.5	18112
A-15-127	578.87	579.55	0.68	2695355	4FSH	3.00	97.00		VAN15002416	13.2	17.4	26	1013	<0.5	24529
A-15-127	579.55	580.69	1.14	2695356	4SH	2.00	98.00		VAN15002416	9	33.2	8.8	1850	<0.5	10553
A-15-127	580.69	582.01	1.32	2695357	4SH	2.00	98.00		VAN15002416	9.7	29.7	9.1	1955	0.5	11381
A-15-127	582.01	582.52	0.51	2695358	4MPSH	60.00	40.00		VAN15002416	33.6	110.7	331.3	2605	6.5	17191
A-15-127	582.52	583.17	0.65	2695359	4MPSH	5.00	95.00		VAN15002416	18.5	26.8	48.5	1892	1	17810
A-15-127	583.17	583.90	0.73	2695360	4MPSH vein zone	3.00	97.00		VAN15002416	8.5	7.9	6.4	2029	<0.5	25381
A-15-127	583.90	584.91	1.01	2695361	4MPSH	65.00	35.00		VAN15002416	25.5	68.9	291.2	3544	3.5	14990
A-15-127	584.91	585.45	0.54	2695362	4SH in 4MPSH	20.00	80.00		VAN15002416	20.1	38	125.4	3112	1.3	16143
A-15-127			0.00	2695363	STD PB145			PB145	VAN15002416	6.4	1884.9	14203.1	15936	60.6	636
A-15-127	585.45	586.23	0.78	2695364	4SH in 4MPSH	5.00	95.00		VAN15002416	23.8	16	31.6	3749	<0.5	10960
A-15-127	586.23	586.75	0.52	2695365	4MPSH	35.00	65.00		VAN15002416	21.6	51.7	236.6	3102	1.8	18536
A-15-127	586.75	587.30	0.55	2695366	4MPSH	45.00	55.00		VAN15002416	27.5	64.1	521.4	19495	3.1	27501
A-15-127	587.30	588.14	0.84	2695367	4MPSH	55.00	45.00		VAN15002416	22.9	45.5	190.1	777	3.5	13723
A-15-127	588.14	589.00	0.86	2695368	4MPSH	10.00	90.00		VAN15002416	12.6	33.4	63.8	1682	1.8	9291
A-15-127	589.00	590.00	1.00	2695369	4MPSH	20.00	80.00		VAN15002416	21.6	40.3	188.3	1019	3	9298
A-15-127	590.00	590.69	0.69	2695370	4MPSH	45.00	55.00		VAN15002416	30.8	48.8	289.5	653	4.6	11704
A-15-127	590.69	592.00	1.31	2695371	4SH in 4MPSH	0.00	100.00		VAN15002416	34.4	91.9	413.1	940	5	11984
A-15-127	592.00	593.00	1.00	2695372	4MPSH	30.00	70.00		VAN15002416	26.8	65.5	273.7	459	3.7	8153
A-15-127	Pulp dup			2695373	Pulp dup of 2695372				VAN15002416	25	62	252	479	3.3	8095
A-15-127	593.00	593.62	0.62	2695374	4MPSH	65.00	35.00		VAN15002416	10.3	15.6	25.9	1045	<0.5	5765
A-15-127	593.62	594.36	0.74	2695375	4SH	0.00	100.00		VAN15002416	24.5	63.9	268	493	3.2	7589
A-15-127	594.36	595.00	0.64	2695376	4SH	0.00	100.00		VAN15002416	8.9	12.1	12.9	1130	<0.5	6915
A-15-127	595.00	596.00	1.00	2695377	4SH	0.00	100.00		VAN15002416	7.7	12.9	10.9	1109	<0.5	6526
A-15-127	596.00	597.22	1.22	2695378	4SH	0.00	100.00		VAN15002416	8.8	13.7	19.5	1158	<0.5	6563
A-15-127	597.22	598.00	0.78	2695379	4MPSH	70.00	30.00		VAN15002416	33.2	87.2	433	925	4.7	6797
A-15-127	598.00	598.94	0.94	2695380	4SH in 4MPSH	0.00	100.00		VAN15002416	11.3	9.5	17.1	1538	<0.5	12144
A-15-127	598.94	599.83	0.89	2695381	4MPSH	70.00	30.00		VAN15002416	38.5	62.5	442.6	1692	5.6	12996
A-15-127	599.83	601.00	1.17	2695382	4SH	5.00	95.00		VAN15002416	5.5	8.9	14.6	640	<0.5	15701
A-15-127	Blank			2695383	BL125				VAN15002416	5.8	91.3	4.4	44	<0.5	597
A-15-127	601.00	602.67	1.67	2695384	4SH	0.00	100.00		VAN15002416	6.5	11	12.9	1337	<0.5	18988
A-15-127	602.67	603.40	0.73	2695385	4MPSH	80.00	20.00		VAN15002416	40.7	52.2	408.2	1119	6.4	20453
A-15-127	603.40	604.00	0.60	2695386	4MPSH	5.00	95.00		VAN15002416	9.2	9.9	14.5	1518	0.5	20776
A-15-127	604.00	605.07	1.07	2695387	4MPSH	15.00	85.00		VAN15002416	25.2	32.8	88.6	3553	2.5	18793

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%
A-15-127	514.88	515.38	0.50	2695346	59.6	7.1	39	1.75	24	6.5	3.7	61	1.3	4.2	<0.5	51	0.32	0.05
A-15-127	515.38	515.78	0.40	2695347	45.3	7.1	155	5.05	28	4	4.2	201	<0.5	7.1	<0.5	27	1.02	0.053
A-15-127	515.78	516.12	0.34	2695348	38.4	5.4	203	4.43	31	4.3	2.3	373	0.5	5.8	<0.5	20	1.57	0.035
A-15-127	516.12	516.62	0.50	2695349	68.4	9.7	35	1.8	27	11.1	3.6	59	<0.5	4.9	<0.5	29	0.26	0.047
A-15-127	574.57	575.49	0.92	2695350	68.9	10.2	389	2.01	22	4.7	4.3	147	4.4	2.3	<0.5	24	2.49	0.063
A-15-127	575.49	576.87	1.38	2695351	70.3	7.3	90	2.18	23	9.8	3.8	264	<0.5	4.6	<0.5	36	0.98	0.051
A-15-127	576.87	577.91	1.04	2695352	58.9	6.3	638	1.12	17	8.9	2.1	936	3.7	3.1	<0.5	65	7.26	0.034
A-15-127	CR Dup			2695353	64.9	6	674	1.09	15	9.3	2	945	4.4	2.9	<0.5	70	7.44	0.041
A-15-127	577.91	578.87	0.96	2695354	82.8	7	38	1.34	19	12.8	2.7	108	7.1	4	<0.5	71	0.37	0.042
A-15-127	578.87	579.55	0.68	2695355	52.7	5.2	133	1.42	15	3.4	3.5	425	6.8	5	<0.5	46	1.37	0.067
A-15-127	579.55	580.69	1.14	2695356	52.6	8.2	127	1.82	13	1.4	6.2	356	13.5	4.3	<0.5	41	1.28	0.071
A-15-127	580.69	582.01	1.32	2695357	55	8.1	72	1.44	15	1.7	7.3	209	13.3	4.9	<0.5	41	0.7	0.078
A-15-127	582.01	582.52	0.51	2695358	107.4	5.3	306	10.61	99	3.2	3	348	20.5	51.3	<0.5	47	1.38	0.046
A-15-127	582.52	583.17	0.65	2695359	66	5.8	127	2.27	24	3.4	5.4	287	13.4	14.6	<0.5	53	0.87	0.052
A-15-127	583.17	583.90	0.73	2695360	34.3	4.5	219	1.29	10	1.8	4.2	561	14.4	3.8	<0.5	40	1.77	0.057
A-15-127	583.90	584.91	1.01	2695361	80.8	3.6	279	10.11	59	2.7	1.9	386	27	46.9	<0.5	36	1.42	0.042
A-15-127	584.91	585.45	0.54	2695362	83.6	6.6	155	3.68	35	2.3	4.8	356	22.5	21.3	<0.5	38	1.13	0.046
A-15-127			0.00	2695363	14.8	17.5	1478	4.14	54	0.9	2.3	85	114.8	172.1	4.4	77	1.94	0.051
A-15-127	585.45	586.23	0.78	2695364	53.8	8.7	63	1.3	13	5.3	6.2	263	24	6	<0.5	62	0.75	0.071
A-15-127	586.23	586.75	0.52	2695365	80.1	6.3	171	4.81	47	2.5	4.8	75	19.5	23.4	<0.5	42	0.45	0.058
A-15-127	586.75	587.30	0.55	2695366	80.6	5.9	246	7.24	42	3.5	3.2	137	121.6	30.8	<0.5	43	0.89	0.054
A-15-127	587.30	588.14	0.84	2695367	70.9	5.4	215	8.86	52	1.8	3.5	352	5.8	22.5	<0.5	32	1.14	0.056
A-15-127	588.14	589.00	0.86	2695368	67.9	8.2	147	3.63	30	1.6	6.3	173	14.6	8.4	<0.5	33	0.81	0.074
A-15-127	589.00	590.00	1.00	2695369	73.9	6.4	176	7.18	55	1.7	4.7	200	6.6	12.2	<0.5	29	0.72	0.063
A-15-127	590.00	590.69	0.69	2695370	98.2	5.8	234	10.98	87	2	3.1	118	6.1	19.6	<0.5	31	0.49	0.052
A-15-127	590.69	592.00	1.31	2695371	117	7.2	237	12.53	91	1.6	3.4	188	8.1	21.2	<0.5	29	0.78	0.043
A-15-127	592.00	593.00	1.00	2695372	87.2	6.1	177	8.32	60	1.7	4.6	363	4	14.5	<0.5	30	0.91	0.054
A-15-127	Pulp dup			2695373	86.6	6.3	173	8.23	62	1.5	4.7	332	3.3	12.9	<0.5	30	0.88	0.053
A-15-127	593.00	593.62	0.62	2695374	45	6.5	342	2.83	17	1.6	7.1	363	7.2	2.3	<0.5	39	2.51	0.08
A-15-127	593.62	594.36	0.74	2695375	88.7	6.3	179	8.59	65	1.5	3.9	350	3	14	<0.5	30	0.91	0.061
A-15-127	594.36	595.00	0.64	2695376	36.3	5.3	544	3.42	9	1.4	6.5	814	8.1	1.5	<0.5	36	4.74	0.065
A-15-127	595.00	596.00	1.00	2695377	35.3	5.4	509	3.29	13	1.4	6.4	647	8.9	1.4	<0.5	38	3.91	0.066
A-15-127	596.00	597.22	1.22	2695378	44	7.5	463	3.19	7	1.7	6.8	502	7.6	1.6	<0.5	38	3.05	0.072
A-15-127	597.22	598.00	0.78	2695379	118.4	7	223	12.1	89	1.9	3.6	177	6.6	23	<0.5	33	0.66	0.05
A-15-127	598.00	598.94	0.94	2695380	42.7	6.8	55	1.42	16	2	6.6	130	9.3	2.1	<0.5	36	0.5	0.079
A-15-127	598.94	599.83	0.89	2695381	107.5	6.3	290	13.5	92	2.1	2.5	196	11.4	24.1	<0.5	36	0.81	0.056
A-15-127	599.83	601.00	1.17	2695382	33.5	6.1	149	1.58	11	1.1	6.8	230	2.8	1.8	<0.5	32	1.14	0.076
A-15-127	Blank			2695383	13.2	10.2	556	3.37	<5	0.9	2.7	92	<0.5	<0.5	<0.5	92	1.11	0.063
A-15-127	601.00	602.67	1.67	2695384	37	6.2	116	1.56	14	1.2	6.6	231	7.9	1.6	<0.5	32	0.76	0.075
A-15-127	602.67	603.40	0.73	2695385	101.6	4.5	326	18.18	107	1.8	1.5	92	7.7	24.2	<0.5	36	0.44	0.04
A-15-127	603.40	604.00	0.60	2695386	41.6	5.6	257	2.02	13	1.9	5.2	823	11.3	2	<0.5	37	3.79	0.083
A-15-127	604.00	605.07	1.07	2695387	80.2	7	141	4.45	41	3.4	5.3	324	23.4	6.9	<0.5	54	1.25	0.103

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-127	514.88	515.38	0.50	2695346	15.3	8.9	0.04	1473	0.005	0.62	<0.01	0.19	<0.5	0.2	1.1	1.5	1.82	<5
A-15-127	515.38	515.78	0.40	2695347	14.1	6.6	0.05	235	0.005	0.43	<0.01	0.21	<0.5	0.22	0.8	3.6	5.97	<5
A-15-127	515.78	516.12	0.34	2695348	8.2	4.3	0.04	300	0.003	0.28	<0.01	0.14	<0.5	0.15	<0.5	3	5.23	<5
A-15-127	516.12	516.62	0.50	2695349	15.1	2.8	0.04	902	0.003	0.37	<0.01	0.19	<0.5	0.12	0.7	1.4	2.14	<5
A-15-127	574.57	575.49	0.92	2695350	16.3	5.1	0.07	827	0.003	0.72	<0.01	0.17	<0.5	0.2	1	2	2.1	<5
A-15-127	575.49	576.87	1.38	2695351	14.7	3.5	0.05	802	0.002	0.69	<0.01	0.13	<0.5	0.11	<0.5	3.5	2.27	<5
A-15-127	576.87	577.91	1.04	2695352	11.5	5	0.14	2464	0.003	0.34	<0.01	0.09	<0.5	0.13	<0.5	0.9	1.15	<5
A-15-127	CR Dup			2695353	13.2	4.7	0.15	3312	0.003	0.37	<0.01	0.1	<0.5	0.08	0.7	1	1.15	<5
A-15-127	577.91	578.87	0.96	2695354	12.1	6.1	0.04	1440	0.003	0.42	<0.01	0.1	<0.5	0.14	1.1	1	1.51	<5
A-15-127	578.87	579.55	0.68	2695355	13.9	10.4	0.24	2106	0.003	0.24	<0.01	0.12	<0.5	0.1	1.6	1	1.49	<5
A-15-127	579.55	580.69	1.14	2695356	25.9	8.3	0.21	1940	0.003	0.43	<0.01	0.26	<0.5	0.21	2.9	1.6	1.8	<5
A-15-127	580.69	582.01	1.32	2695357	27.7	6.3	0.12	1587	0.005	0.47	<0.01	0.27	<0.5	<0.05	<0.5	1.6	1.68	<5
A-15-127	582.01	582.52	0.51	2695358	10.5	8.4	0.26	136	0.003	0.25	<0.01	0.13	<0.5	0.52	0.9	14.6	11.95	<5
A-15-127	582.52	583.17	0.65	2695359	18.8	7.3	0.14	1179	0.004	0.38	<0.01	0.21	<0.5	0.22	2.8	4.3	2.54	<5
A-15-127	583.17	583.90	0.73	2695360	16.4	6.8	0.4	4490	0.003	0.24	<0.01	0.14	<0.5	<0.05	2	1	0.97	<5
A-15-127	583.90	584.91	1.01	2695361	6.9	4.5	0.14	142	0.002	0.3	<0.01	0.11	<0.5	0.49	1.2	14.3	11.28	<5
A-15-127	584.91	585.45	0.54	2695362	17.2	5.9	0.12	462	0.003	0.5	<0.01	0.18	<0.5	0.3	<0.5	4.8	4.12	<5
A-15-127			0.00	2695363	6.9	22.3	1.28	246	0.131	1.54	0.18	0.2	1.5	0.61	3.1	1	1.73	5
A-15-127	585.45	586.23	0.78	2695364	26.4	6.3	0.1	2415	0.004	0.48	<0.01	0.24	<0.5	0.24	2.2	2.1	1.59	<5
A-15-127	586.23	586.75	0.52	2695365	19.3	5.9	0.18	327	0.003	0.86	<0.01	0.21	<0.5	0.26	2.2	7.5	5.38	<5
A-15-127	586.75	587.30	0.55	2695366	14.9	4.9	0.16	212	0.003	0.87	<0.01	0.17	<0.5	0.57	1.4	23.2	8.68	<5
A-15-127	587.30	588.14	0.84	2695367	14	8	0.15	129	0.003	0.34	<0.01	0.16	<0.5	0.36	2	9.7	9.88	<5
A-15-127	588.14	589.00	0.86	2695368	24	6.4	0.21	472	0.004	0.45	<0.01	0.24	<0.5	0.15	1.2	4.9	4.12	<5
A-15-127	589.00	590.00	1.00	2695369	18.5	<0.5	0.15	184	0.004	0.45	<0.01	0.21	<0.5	<0.05	1.7	8.2	8.2	<5
A-15-127	590.00	590.69	0.69	2695370	13.4	6.8	0.11	108	0.003	0.54	<0.01	0.18	<0.5	0.41	<0.5	12.3	12.47	<5
A-15-127	590.69	592.00	1.31	2695371	13.5	6	0.19	104	0.003	0.34	<0.01	0.19	<0.5	0.21	2.2	13.2	14.31	<5
A-15-127	592.00	593.00	1.00	2695372	16.7	7.4	0.12	161	0.003	0.42	<0.01	0.2	<0.5	0.16	1.6	9	9.43	<5
A-15-127	Pulp dup			2695373	16.5	6.5	0.11	149	0.003	0.41	<0.01	0.2	<0.5	<0.05	1	8	9.31	<5
A-15-127	593.00	593.62	0.62	2695374	28.2	6.9	0.78	1039	0.003	0.4	<0.01	0.24	<0.5	0.05	3.9	2.3	1.63	<5
A-15-127	593.62	594.36	0.74	2695375	16	6.3	0.11	161	0.003	0.39	<0.01	0.21	<0.5	0.1	<0.5	8.5	9.69	<5
A-15-127	594.36	595.00	0.64	2695376	25.7	5.7	1.07	1515	0.003	0.38	<0.01	0.22	<0.5	<0.05	3.3	1.7	1.41	<5
A-15-127	595.00	596.00	1.00	2695377	25	7.1	1.03	1450	0.003	0.37	<0.01	0.22	<0.5	0.06	4.7	1.6	1.45	<5
A-15-127	596.00	597.22	1.22	2695378	27.4	6.6	0.91	1149	0.004	0.39	<0.01	0.21	<0.5	<0.05	4.8	2.2	1.79	<5
A-15-127	597.22	598.00	0.78	2695379	13	7.7	0.12	114	0.003	0.35	<0.01	0.17	<0.5	0.23	1.7	14.3	14.23	<5
A-15-127	598.00	598.94	0.94	2695380	26.2	5.2	0.1	2029	0.003	0.61	<0.01	0.21	<0.5	0.06	1.7	2.1	1.57	<5
A-15-127	598.94	599.83	0.89	2695381	11.4	6.9	0.13	95	0.003	0.6	<0.01	0.15	<0.5	0.51	1.7	19.3	15.84	<5
A-15-127	599.83	601.00	1.17	2695382	27.8	5.6	0.23	2054	0.003	0.77	<0.01	0.22	<0.5	<0.05	1.2	2	1.55	<5
A-15-127	Blank			2695383	6.5	18.9	0.82	128	0.176	1.96	0.27	0.21	0.7	<0.05	1.6	<0.5	<0.05	5
A-15-127	601.00	602.67	1.67	2695384	24.7	7.3	0.22	2292	0.003	0.8	<0.01	0.19	<0.5	<0.05	1.3	2	1.51	<5
A-15-127	602.67	603.40	0.73	2695385	7	8.6	0.1	83	0.003	0.85	<0.01	0.11	<0.5	0.97	2.9	34.1	21.36	<5
A-15-127	603.40	604.00	0.60	2695386	24.1	6.4	0.38	1675	0.004	0.98	<0.01	0.18	<0.5	0.18	2.9	2.8	1.84	<5
A-15-127	604.00	605.07	1.07	2695387	21.8	10.6	0.14	373	0.004	0.97	<0.01	0.21	<0.5	0.12	2.6	9	5.06	<5

					AQ270	SPG01	WGHT	AQ371	AQ371
					Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	NONE	KG	%	%
A-15-127	514.88	515.38	0.50	2695346	<2	2.549	1.31		
A-15-127	515.38	515.78	0.40	2695347	4	2.629	1.16		
A-15-127	515.78	516.12	0.34	2695348	<2	2.628	0.94		
A-15-127	516.12	516.62	0.50	2695349	<2	2.526	1.67		
A-15-127	574.57	575.49	0.92	2695350	<2	2.605	2.01		
A-15-127	575.49	576.87	1.38	2695351	<2	2.612	3.12		
A-15-127	576.87	577.91	1.04	2695352	<2	2.558	1.64		
A-15-127	CR Dup			2695353	<2	2.551			
A-15-127	577.91	578.87	0.96	2695354	<2	2.527	2.48		
A-15-127	578.87	579.55	0.68	2695355	<2	2.646	1.67		
A-15-127	579.55	580.69	1.14	2695356	6	2.646	2.55		
A-15-127	580.69	582.01	1.32	2695357	6	2.642	3.1		
A-15-127	582.01	582.52	0.51	2695358	33	2.864	1.27		
A-15-127	582.52	583.17	0.65	2695359	9	2.663	1.58		
A-15-127	583.17	583.90	0.73	2695360	5	2.647	1.99		
A-15-127	583.90	584.91	1.01	2695361	29	2.879	2.48		
A-15-127	584.91	585.45	0.54	2695362	13	2.699	1.28		
A-15-127			0.00	2695363	<2		0.02		
A-15-127	585.45	586.23	0.78	2695364	8	2.567	1.86		
A-15-127	586.23	586.75	0.52	2695365	25	2.78	1.29		
A-15-127	586.75	587.30	0.55	2695366	45	2.814	1.13		
A-15-127	587.30	588.14	0.84	2695367	11	2.826	1.42		
A-15-127	588.14	589.00	0.86	2695368	4	2.737	2.08		
A-15-127	589.00	590.00	1.00	2695369	5	2.876	2.6		
A-15-127	590.00	590.69	0.69	2695370	11	2.952	1.98		
A-15-127	590.69	592.00	1.31	2695371	13	2.662	3.22		
A-15-127	592.00	593.00	1.00	2695372	15	2.86	2.46		
A-15-127	Pulp dup			2695373	13	2.851			
A-15-127	593.00	593.62	0.62	2695374	3	2.994	1.42		
A-15-127	593.62	594.36	0.74	2695375	16	2.663	1.94		
A-15-127	594.36	595.00	0.64	2695376	5	2.67	1.75		
A-15-127	595.00	596.00	1.00	2695377	6	2.666	2.1		
A-15-127	596.00	597.22	1.22	2695378	9	2.668	2.96		
A-15-127	597.22	598.00	0.78	2695379	17	2.948	2.12		
A-15-127	598.00	598.94	0.94	2695380	2	2.638	2.26		
A-15-127	598.94	599.83	0.89	2695381	20	2.955	2.53		
A-15-127	599.83	601.00	1.17	2695382	4	2.661	2.37		
A-15-127	Blank			2695383	<2		0.02		
A-15-127	601.00	602.67	1.67	2695384	5	2.696	4		
A-15-127	602.67	603.40	0.73	2695385	20	3.141	2.07		
A-15-127	603.40	604.00	0.60	2695386	<2	2.674	1.42		
A-15-127	604.00	605.07	1.07	2695387	3	2.68	2.8		

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-127	605.07	606.00	0.93	2695388	4MPSH	85.00	15.00		VAN15002416	47.2	56.4	551.2	660	6.5	18549
A-15-127	606.00	607.61	1.61	2695389	90% 4SH	10.00	90.00		VAN15002416	12.7	25.7	57.5	1059	1.7	11656
A-15-127	607.61	607.85	0.24	2695390	4CSH	0.00	100.00		VAN15002416	1.7	3.8	3.7	13	<0.5	4645
A-15-127	607.85	608.48	0.63	2695391	4SH	0.00	100.00		VAN15002416	8	9.4	9.7	1293	0.6	14595
A-15-127	608.48	609.60	1.12	2695392	4SH	0.00	100.00		VAN15002416	42	32	32.6	6641	2.6	6996
A-15-127	CR Dup			2695393	Cr Dup of 2695392				VAN15002416	41.6	35.7	31.7	6595	2.7	7163
A-15-127	609.60	610.72	1.12	2695394	4SH	0.00	100.00		VAN15002416	24.3	26.9	32.4	4548	1.8	13547
A-15-127	610.72	611.52	0.80	2695395	4MPSH	35.00	65.00		VAN15002416	37.4	135.2	619.7	3621	10.9	12066
A-15-127	611.52	612.36	0.84	2695396	4SH in 4MPSH	0.00	100.00		VAN15002416	11.2	15	36.5	1222	<0.5	14085
A-15-127	612.36	612.73	0.37	2695397	4MPSH	65.00	35.00		VAN15002416	48.1	165.2	827.5	1423	10.7	9896
A-15-127	612.73	613.75	1.02	2695398	4SH	0.00	100.00		VAN15002416	12.9	17.6	37.1	1538	0.9	9572
A-15-127	613.75	615.00	1.25	2695399	4SH	0.00	100.00		VAN15002416	6.9	15.1	16.9	1338	<0.5	7437
A-15-127	615.00	616.00	1.00	2695400	4SH	0.00	100.00		VAN15002416	5.7	11.4	15.6	1148	<0.5	7553
A-15-127	616.00	617.36	1.36	2695401	4SH	0.00	100.00		VAN15002416	8.9	13.2	29.6	1662	0.6	10178
A-15-127	617.36	618.00	0.64	2695402	4MPSH/4CC	75.00	25.00		VAN15002416	40.5	87.8	1379.1	14552	7	25982
A-15-127	STD			2695403	STD PB145			PB145	VAN15002416	8.4	1929	13528.4	16763	63.4	617
A-15-127	618.00	618.74	0.74	2695404	4MPSH/4CC	80.00	20.00		VAN15002416	42.1	34.8	1581	16349	8.7	30092
A-15-127	618.74	619.50	0.76	2695405	4MPSH/4CC	70.00	30.00		VAN15002416	33.7	44.1	1647	17644	6.4	26570
A-15-127	619.50	620.50	1.00	2695406	4MPSH/4CC	10.00	90.00		VAN15002416	21.9	20.6	399.1	4717	1.4	16425
A-15-127	620.50	621.64	1.14	2695407	4CC/4MPSH	65.00	35.00		VAN15002416	35.9	43.1	2049.6	14849	6.2	27284
A-15-127	621.64	622.02	0.38	2695408	4CC	0.00	100.00		VAN15002416	15.6	13.5	352.7	3678	0.8	9687
A-15-127	622.02	622.67	0.65	2695409	4CC	40.00	60.00		VAN15002416	21.1	37	1025.2	12450	2.4	31505
A-15-127	622.67	623.57	0.90	2695410	4SH in 4CC	0.00	100.00		VAN15002416	9.1	10.1	543.4	2462	0.5	23117
A-15-127	623.57	624.54	0.97	2695411	4CC	40.00	60.00		VAN15002416	23.5	50.3	4808.5	52527	6.9	35087
A-15-127	624.54	625.14	0.60	2695412	4CC	75.00	25.00		VAN15002416	29.1	53.7	3900.3	25094	6.1	35822
A-15-127	Pulp Dup			2695413	Pulp 2695412				VAN15002416	29.5	54.9	4191.2	25436	6.7	35209
A-15-127	625.14	625.91	0.77	2695414	4SH in 4CC	0.00	100.00		VAN15002416	10	17.3	756.4	2021	<0.5	52036
A-15-127	625.91	626.98	1.07	2695415	4CC	70.00	30.00		VAN15002416	22.4	49.1	7376.7	67677	7.9	58125
A-15-127	626.98	628.00	1.02	2695416	4CC	40.00	60.00		VAN15002416	22.6	35.4	3962	24717	4.2	69467
A-15-127	628.00	628.80	0.80	2695417	4CC	55.00	45.00		VAN15002416	17.3	40.1	8148.8	58966	6.3	75936
A-15-127	628.80	629.84	1.04	2695418	4CC	60.00	40.00		VAN15002416	20.2	42.1	6654.6	39485	6.8	75510
A-15-127	629.84	630.81	0.97	2695419	4CC	90.00	10.00		VAN15002416	29.1	47	11297.7	66654	12.2	63584
A-15-127	630.81	631.70	0.89	2695420	4CC	85.00	15.00		VAN15002416	22.4	46.2	15541.1	87773	14.5	78407
A-15-127	631.70	632.37	0.67	2695421	4SH in 4CC	0.00	100.00		VAN15002416	11.2	24.2	4378.5	1962	1.4	51197
A-15-127	632.37	633.00	0.63	2695422	4CC	30.00	70.00		VAN15002416	26	38.9	12498	60121	7.4	57384
A-15-127	Blank			2695423	BL125				VAN15002416	5.3	91.8	6.1	54	<0.5	598
A-15-127	633.00	633.70	0.70	2695424	4CC	85.00	15.00		VAN15002416	26.7	54.7	16905.4	99656	15	56832
A-15-127	633.70	634.75	1.05	2695425	4CC	65.00	35.00		VAN15002416	22.8	42.1	9793.7	62231	9.3	54405
A-15-127	634.75	635.82	1.07	2695426	4SH in 4CC	0.00	100.00		VAN15002416	17	23.2	2007	4986	2.5	25834
A-15-127	635.82	636.86	1.04	2695427	4CC	60.00	40.00		VAN15002416	33.2	55.2	12254.7	45866	14.7	15354
A-15-127	636.86	637.53	0.67	2695428	4CC	60.00	40.00		VAN15002416	24.8	32.6	9967.8	46169	11.2	48442
A-15-127	637.53	638.45	0.92	2695429	4CC	75.00	25.00		VAN15002416	30.8	41.5	12205.3	51068	14.9	30596

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%
A-15-127	605.07	606.00	0.93	2695388	116.4	5.4	337	18.18	115	2.4	1.6	180	5.2	24.9	<0.5	45	0.56	0.046
A-15-127	606.00	607.61	1.61	2695389	60.8	7.4	127	3.07	29	2	6	297	7.4	5.6	<0.5	44	1.08	0.077
A-15-127	607.61	607.85	0.24	2695390	5.8	1.4	153	0.82	6	<0.5	<0.5	1442	<0.5	0.5	<0.5	12	2.57	0.014
A-15-127	607.85	608.48	0.63	2695391	26.2	2.1	171	1.27	8	1.7	1	1071	7.2	1.6	<0.5	37	1.46	0.045
A-15-127	608.48	609.60	1.12	2695392	111.5	9.6	29	2.57	30	8.5	5.6	130	34.9	5.7	<0.5	114	0.39	0.152
A-15-127	CR Dup			2695393	115.7	9.9	27	2.57	26	8.9	5.5	138	31.6	5.9	<0.5	119	0.39	0.156
A-15-127	609.60	610.72	1.12	2695394	81.9	8.3	87	2.31	27	4.9	6.1	297	24.4	4.8	<0.5	74	0.78	0.109
A-15-127	610.72	611.52	0.80	2695395	120.2	6.4	315	13.77	98	2.7	2.8	268	19.6	43.1	<0.5	51	1.01	0.067
A-15-127	611.52	612.36	0.84	2695396	50.7	7.1	265	2.38	10	1.8	7	511	6.7	2.9	<0.5	41	2.3	0.075
A-15-127	612.36	612.73	0.37	2695397	150.4	5.4	270	17.25	125	2.2	2.3	307	8.6	51.1	<0.5	36	0.96	0.034
A-15-127	612.73	613.75	1.02	2695398	71.5	8.8	78	2.26	20	2	6.8	185	8.5	3.4	<0.5	49	0.67	0.098
A-15-127	613.75	615.00	1.25	2695399	58.7	8.9	137	1.84	12	1.3	7.2	336	6.3	2.2	<0.5	44	1.28	0.084
A-15-127	615.00	616.00	1.00	2695400	49.4	7.8	127	1.7	12	1.3	6.8	284	4.2	1.8	<0.5	35	1.04	0.077
A-15-127	616.00	617.36	1.36	2695401	66.1	8.2	107	1.85	12	1.8	6.7	290	8.5	2.2	<0.5	44	0.96	0.102
A-15-127	617.36	618.00	0.64	2695402	101.7	5.2	330	14.64	96	1.9	1.8	242	63.3	23.9	<0.5	37	0.53	0.047
A-15-127	STD			2695403	15.6	19.7	1557	4.16	58	0.8	2.4	92	116.6	180.9	4.9	77	2.06	0.055
A-15-127	618.00	618.74	0.74	2695404	96.4	4.3	430	16.59	107	2	1.6	369	70.6	19.7	<0.5	52	0.71	0.043
A-15-127	618.74	619.50	0.76	2695405	100	4.8	392	15.98	100	2.1	1.7	555	71.1	19.5	<0.5	47	0.86	0.047
A-15-127	619.50	620.50	1.00	2695406	72.5	7	227	4.43	29	3.1	4.9	882	18.3	4.2	<0.5	48	2.18	0.086
A-15-127	620.50	621.64	1.14	2695407	103.1	4.6	327	14.95	94	2.4	2.1	875	72	21	<0.5	51	0.91	0.049
A-15-127	621.64	622.02	0.38	2695408	71.5	8.6	95	2.05	16	3	5.8	71	17.3	1.9	<0.5	57	0.3	0.078
A-15-127	622.02	622.67	0.65	2695409	87.9	6.4	288	7.85	48	1.6	3.1	926	61.2	12.3	<0.5	39	1.61	0.049
A-15-127	622.67	623.57	0.90	2695410	64	8.6	242	2.12	11	2.2	5.9	1284	14.7	2.5	<0.5	43	1.42	0.073
A-15-127	623.57	624.54	0.97	2695411	80.5	4.4	571	11.11	56	2.9	1.6	925	258.7	31.4	<0.5	57	3.23	0.05
A-15-127	624.54	625.14	0.60	2695412	88.8	5.3	325	10.43	54	4.2	2.2	549	118.8	33.3	<0.5	55	0.63	0.037
A-15-127	Pulp Dup			2695413	92.5	6.1	329	11.29	53	4.2	2.1	514	125.4	37.5	<0.5	59	0.68	0.045
A-15-127	625.14	625.91	0.77	2695414	53.7	6.6	503	1.79	5	2.3	4.5	2241	8.8	3.1	<0.5	52	4.03	0.068
A-15-127	625.91	626.98	1.07	2695415	69.8	4.2	455	12.63	45	2.8	0.7	892	328	36.6	<0.5	46	1.04	0.038
A-15-127	626.98	628.00	1.02	2695416	75.3	6.8	274	6.94	22	3.5	2.6	1174	126.3	22.8	<0.5	78	1.08	0.048
A-15-127	628.00	628.80	0.80	2695417	59.8	4.8	350	8.59	23	3.3	1.5	1676	312.4	28.3	<0.5	91	0.73	0.041
A-15-127	628.80	629.84	1.04	2695418	65.2	5	300	8.6	33	3.3	1.8	1238	213.8	28.8	<0.5	94	0.56	0.044
A-15-127	629.84	630.81	0.97	2695419	76	4.3	552	12.07	53	3.3	1	1099	354.7	34.6	<0.5	79	1.31	0.044
A-15-127	630.81	631.70	0.89	2695420	62.6	3.2	757	12.13	59	2.8	0.7	1738	513.1	30.7	<0.5	53	2.32	0.044
A-15-127	631.70	632.37	0.67	2695421	61.6	7	74	1.71	10	2.3	4.5	232	11.5	4.2	<0.5	64	0.14	0.061
A-15-127	632.37	633.00	0.63	2695422	86.1	5.3	395	6.43	32	5	1.3	664	348.5	17.7	<0.5	71	1.15	0.057
A-15-127	Blank			2695423	12.9	10.6	519	3.4	<5	0.7	2.7	96	<0.5	<0.5	<0.5	97	1.1	0.053
A-15-127	633.00	633.70	0.70	2695424	62.5	3.4	595	13.54	56	2.7	0.8	996	548	33.6	<0.5	48	0.8	0.029
A-15-127	633.70	634.75	1.05	2695425	68.5	4	433	8.93	43	3.1	1.1	608	332.1	19.1	<0.5	52	1.01	0.041
A-15-127	634.75	635.82	1.07	2695426	75	5.2	165	2.74	23	3.6	2.7	1688	33.2	5.1	<0.5	86	1.29	0.125
A-15-127	635.82	636.86	1.04	2695427	86.3	4.4	493	16.02	85	3.5	1.7	956	288.8	27	<0.5	45	0.44	0.034
A-15-127	636.86	637.53	0.67	2695428	66.4	4.1	766	11.71	55	2.7	1.2	699	275.5	18.4	<0.5	40	3.07	0.055
A-15-127	637.53	638.45	0.92	2695429	76.6	4.2	526	15.86	75	3.3	0.9	534	308.2	22	<0.5	43	0.97	0.04

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**
A-15-127	605.07	606.00	0.93	2695388	7	9.1	0.1	78	0.003	0.84	<0.01	0.13	<0.5	1.11	1.8	34.1	21.4	<5
A-15-127	606.00	607.61	1.61	2695389	26	8.5	0.21	843	0.004	0.69	<0.01	0.23	<0.5	0.2	1.4	6.5	3.39	<5
A-15-127	607.61	607.85	0.24	2695390	1.4	5.9	0.23	3721	0.001	0.08	<0.01	0.03	<0.5	0.08	<0.5	0.7	0.62	<5
A-15-127	607.85	608.48	0.63	2695391	4.9	7.5	0.21	2608	0.002	0.17	<0.01	0.07	<0.5	<0.05	<0.5	1.6	1.06	<5
A-15-127	608.48	609.60	1.12	2695392	22.8	14.3	0.05	1064	0.005	0.54	<0.01	0.24	<0.5	0.13	1.7	6.2	3.21	<5
A-15-127	CR Dup			2695393	23.3	13	0.05	1109	0.005	0.57	<0.01	0.25	<0.5	0.24	2.9	6.2	3.23	<5
A-15-127	609.60	610.72	1.12	2695394	22.9	10.3	0.1	975	0.005	0.66	<0.01	0.23	<0.5	0.06	1.3	5.3	2.65	<5
A-15-127	610.72	611.52	0.80	2695395	10.9	9.8	0.21	125	0.003	0.65	<0.01	0.18	<0.5	0.14	1.2	42.3	15.96	<5
A-15-127	611.52	612.36	0.84	2695396	25.7	7.4	0.56	984	0.004	0.64	<0.01	0.2	<0.5	0.21	3.8	3.4	2.42	<5
A-15-127	612.36	612.73	0.37	2695397	8.1	8.7	0.1	110	0.003	0.4	<0.01	0.14	0.6	0.19	1	58	20.18	<5
A-15-127	612.73	613.75	1.02	2695398	25.8	11	0.16	1819	0.005	0.65	<0.01	0.26	<0.5	0.14	1.6	5.1	2.43	<5
A-15-127	613.75	615.00	1.25	2695399	25.2	9.6	0.27	1056	0.005	0.61	<0.01	0.29	<0.5	<0.05	3.1	3.4	2.08	<5
A-15-127	615.00	616.00	1.00	2695400	25.4	10.5	0.25	961	0.004	0.52	<0.01	0.27	<0.5	0.12	3	2.6	1.78	<5
A-15-127	616.00	617.36	1.36	2695401	24.5	9.2	0.22	2488	0.005	0.61	<0.01	0.26	<0.5	0.06	1.8	3.6	2.1	<5
A-15-127	617.36	618.00	0.64	2695402	8.2	9.2	0.12	149	0.004	0.79	<0.01	0.11	0.9	0.74	0.9	69.3	17.19	<5
A-15-127	STD			2695403	7.2	24.5	1.33	239	0.146	1.7	0.22	0.19	1.1	0.58	3.4	0.8	1.73	5
A-15-127	618.00	618.74	0.74	2695404	6.9	11.3	0.18	107	0.004	0.78	<0.01	0.12	0.7	0.78	0.7	81.9	19.4	<5
A-15-127	618.74	619.50	0.76	2695405	7.3	9.8	0.19	110	0.004	0.48	<0.01	0.14	0.7	0.55	0.5	83.7	18.65	<5
A-15-127	619.50	620.50	1.00	2695406	18.2	8.5	0.19	436	0.004	0.46	<0.01	0.17	<0.5	0.23	1.9	17.2	5	<5
A-15-127	620.50	621.64	1.14	2695407	8.2	10.7	0.14	131	0.004	0.43	<0.01	0.15	0.7	0.37	1.5	90.1	17.49	<5
A-15-127	621.64	622.02	0.38	2695408	20	8.3	0.13	1935	0.004	0.49	<0.01	0.21	<0.5	<0.05	2.7	7.2	2.34	<5
A-15-127	622.02	622.67	0.65	2695409	10.3	7.4	0.22	212	0.004	0.39	<0.01	0.19	0.7	0.37	2.1	42.8	8.63	<5
A-15-127	622.67	623.57	0.90	2695410	19.5	9.6	0.33	1207	0.004	0.43	<0.01	0.22	<0.5	0.08	3.1	5.3	1.95	<5
A-15-127	623.57	624.54	0.97	2695411	5.6	6.4	0.24	127	0.003	0.37	<0.01	0.14	0.7	1.02	1.5	117.1	14.4	<5
A-15-127	624.54	625.14	0.60	2695412	7.5	7.6	0.11	169	0.003	0.5	<0.01	0.14	<0.5	0.42	<0.5	93.7	12.37	<5
A-15-127	Pulp Dup			2695413	7.8	7.5	0.13	150	0.004	0.51	<0.01	0.13	0.7	0.76	2.7	101.5	13.41	<5
A-15-127	625.14	625.91	0.77	2695414	14.5	6.1	0.36	1887	0.003	0.69	<0.01	0.17	<0.5	0.1	3.1	5	1	<5
A-15-127	625.91	626.98	1.07	2695415	3.8	7	0.3	107	0.002	0.46	<0.01	0.07	0.7	1.49	3.5	143.2	16.19	<5
A-15-127	626.98	628.00	1.02	2695416	8.8	7.1	0.24	215	0.003	1.1	<0.01	0.13	<0.5	0.7	4	62.9	8.09	<5
A-15-127	628.00	628.80	0.80	2695417	5.3	10	0.29	163	0.002	1.05	<0.01	0.07	<0.5	1.01	6.2	115.3	11.15	6
A-15-127	628.80	629.84	1.04	2695418	6.8	9.3	0.28	176	0.003	1.12	<0.01	0.08	0.6	1.02	4.1	103.1	10.5	5
A-15-127	629.84	630.81	0.97	2695419	4.3	11	0.22	106	0.002	0.5	<0.01	0.06	<0.5	1.58	3.8	195	15.88	6
A-15-127	630.81	631.70	0.89	2695420	2.3	7.9	0.25	105	0.002	0.26	<0.01	0.05	<0.5	2.36	4.6	215.6	16.53	7
A-15-127	631.70	632.37	0.67	2695421	7.7	8.7	0.23	1240	0.003	0.78	<0.01	0.16	<0.5	0.13	5.7	10.2	1.41	<5
A-15-127	632.37	633.00	0.63	2695422	4.1	8.6	0.2	181	0.003	0.81	<0.01	0.11	0.5	1.37	3.8	103.9	9.36	<5
A-15-127	Blank			2695423	6.7	19.2	0.8	128	0.172	1.91	0.25	0.22	<0.5	<0.05	4.1	<0.5	<0.05	6
A-15-127	633.00	633.70	0.70	2695424	3.1	9.3	0.18	80	0.002	0.48	<0.01	0.05	<0.5	2.56	3.3	219.2	19.7	6
A-15-127	633.70	634.75	1.05	2695425	3.5	7.6	0.17	131	0.003	0.82	<0.01	0.1	<0.5	1.81	4.8	156.3	12.22	<5
A-15-127	634.75	635.82	1.07	2695426	6.2	15.7	0.11	672	0.005	0.35	<0.01	0.16	<0.5	0.25	1.9	17.2	2.76	<5
A-15-127	635.82	636.86	1.04	2695427	3.6	8.6	0.07	89	0.004	0.32	<0.01	0.14	0.9	1.46	0.9	236.7	20.74	<5
A-15-127	636.86	637.53	0.67	2695428	3.1	8.2	0.2	114	0.003	0.29	<0.01	0.13	0.5	1.4	2.6	171.7	14.86	<5
A-15-127	637.53	638.45	0.92	2695429	2.3	9.1	0.16	72	0.004	0.29	<0.01	0.14	<0.5	1.75	2.7	221.7	20.3	<5

					AQ270	SPG01	WGHT	AQ371	AQ371
					Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	NONE	KG	%	%
A-15-127	605.07	606.00	0.93	2695388	20	3.199	2.79		
A-15-127	606.00	607.61	1.61	2695389	6	2.694	3.18		
A-15-127	607.61	607.85	0.24	2695390	<2	2.672	0.64		
A-15-127	607.85	608.48	0.63	2695391	9	2.663	1.49		
A-15-127	608.48	609.60	1.12	2695392	22	2.583	3.17		
A-15-127	CR Dup			2695393	17	2.571			
A-15-127	609.60	610.72	1.12	2695394	9	2.599	2.82		
A-15-127	610.72	611.52	0.80	2695395	23	2.962	2.19		
A-15-127	611.52	612.36	0.84	2695396	5	2.644	2.03		
A-15-127	612.36	612.73	0.37	2695397	28	3.132	1.1		
A-15-127	612.73	613.75	1.02	2695398	9	2.597	2.4		
A-15-127	613.75	615.00	1.25	2695399	4	2.624	3.04		
A-15-127	615.00	616.00	1.00	2695400	11	2.643	2.43		
A-15-127	616.00	617.36	1.36	2695401	12	2.63	3.23		
A-15-127	617.36	618.00	0.64	2695402	23	3.045	1.9		
A-15-127	STD			2695403	3	I.S.	0.02		
A-15-127	618.00	618.74	0.74	2695404	20	3.106	2.15		
A-15-127	618.74	619.50	0.76	2695405	22	3.113	2.21		
A-15-127	619.50	620.50	1.00	2695406	10	2.707	2.34		
A-15-127	620.50	621.64	1.14	2695407	20	3.072	3.09		
A-15-127	621.64	622.02	0.38	2695408	13	2.597	0.96		
A-15-127	622.02	622.67	0.65	2695409	10	2.886	1.78		
A-15-127	622.67	623.57	0.90	2695410	8	2.687	2.11		
A-15-127	623.57	624.54	0.97	2695411	27	3.048	2.71		
A-15-127	624.54	625.14	0.60	2695412	25	2.989	1.69		
A-15-127	Pulp Dup			2695413	32	3.05			
A-15-127	625.14	625.91	0.77	2695414	5	2.665	2.13		
A-15-127	625.91	626.98	1.07	2695415	33	3.249	3.12		
A-15-127	626.98	628.00	1.02	2695416	28	2.935	2.86		
A-15-127	628.00	628.80	0.80	2695417	31	3.136	2.34		
A-15-127	628.80	629.84	1.04	2695418	36	3.048	3.03		
A-15-127	629.84	630.81	0.97	2695419	27	3.242	2.84		
A-15-127	630.81	631.70	0.89	2695420	24	3.372	2.81		
A-15-127	631.70	632.37	0.67	2695421	11	2.725	1.73		
A-15-127	632.37	633.00	0.63	2695422	20	2.943	1.85		
A-15-127	Blank			2695423	3	I.S.	0.02		
A-15-127	633.00	633.70	0.70	2695424	22	3.432	2.1		
A-15-127	633.70	634.75	1.05	2695425	16	3.063	3.01		
A-15-127	634.75	635.82	1.07	2695426	13	2.72	2.75		
A-15-127	635.82	636.86	1.04	2695427	20	3.236	2.92		
A-15-127	636.86	637.53	0.67	2695428	19	3.125	2.08		
A-15-127	637.53	638.45	0.92	2695429	21	3.227	2.85		

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-127	638.45	639.45	1.00	2695430	4CC	75.00	25.00		VAN15002416	23.8	42.2	14404.5	75491	13.9	34357
A-15-127	639.45	640.08	0.63	2695431	4CC	40.00	60.00		VAN15002416	32.1	40.8	13701.7	50468	9.1	37878
A-15-127	640.08	641.15	1.07	2695432	4CC	90.00	10.00		VAN15002416	28.3	46.4	20029.4	91719	19.5	35424
A-15-127	CR Dup			2695433	CR Dup of 2695432				VAN15002416	25.8	40.8	19324.3	89527	18.5	35549
A-15-127	641.15	642.06	0.91	2695434	4CC	55.00	45.00		VAN15002416	21.4	36.6	13712.9	59781	11.3	45609
A-15-127	642.06	643.13	1.07	2695435	4CC	95.00	5.00		VAN15002416	28.3	49.8	23266.8	108996	24.7	29945
A-15-127	643.13	643.70	0.57	2695436	4CC	60.00	40.00		VAN15002416	22.8	38.3	16519.3	77699	14.2	41826
A-15-127	643.70	644.55	0.85	2695437	4CC	65.00	35.00		VAN15002416	16.1	42	23199.2	112263	15.9	69070
A-15-127	644.55	645.40	0.85	2695438	4CC	85.00	15.00		VAN15002416	26	53.1	22714.4	120699	22.3	41423
A-15-127	645.40	646.05	0.65	2695439	4SH in 4CC	0.00	100.00		VAN15002416	24.4	18.9	3087.5	5530	1.2	17280
A-15-127	646.05	647.07	1.02	2695440	4CC	70.00	30.00		VAN15002416	26.7	53.8	15588.1	56488	18.1	20473
A-15-127	647.07	648.22	1.15	2695441	4CC	90.00	10.00		VAN15002416	25	73.2	38607.1	129910	31.8	38479
A-15-127	648.22	648.68	0.46	2695442	4CC	50.00	50.00		VAN15002416	30.2	86.7	9332	27691	10.1	18504
A-15-127	STD			2695443	PB145			PB145	VAN15002416	6.9	2014.2	14980.7	16650	64.3	628
A-15-127	648.68	650.00	1.32	2695444	4SH	0.00	100.00		VAN15002416	16.5	27.7	1128.7	3028	1.9	6133
A-15-127	650.00	651.50	1.50	2695445	4SH	0.00	100.00		VAN15002416	19.7	24.6	694.6	2367	1	6318
A-15-127	651.50	653.00	1.50	2695446	4SH	0.00	100.00		VAN15002416	20.3	32.7	379.8	1522	0.9	6270
A-15-127	653.00	654.50	1.50	2695447	4SH	0.00	100.00		VAN15002416	20.9	37.6	277.8	2050	0.7	6523
A-15-127	654.50	656.00	1.50	2695448	4SH	0.00	100.00		VAN15002416	19.5	38.8	283.7	2127	0.7	6793
A-15-127	656.00	657.50	1.50	2695449	4SH	0.00	100.00		VAN15002416	19.9	35.3	366.9	2725	0.5	7183
A-15-127	657.50	659.00	1.50	2695450	4SH	0.00	100.00		VAN15002416	21.1	24.7	475.1	3443	0.7	7273
A-15-127	659.00	659.90	0.90	2695451	4SH	0.00	100.00		VAN15002416	15.6	23.1	593.7	3476	0.8	7285
A-15-127	659.90	660.78	0.88	2695452	4SH	0.00	100.00		VAN15002416	14	26.1	2688.9	6182	1.8	7752
A-15-127	Pulp Dup			2695453	Pulp Dup of 2695452				VAN15002416	13	22.2	2568.5	6053	1.5	8103
A-15-127	660.78	661.70	0.92	2695454	4CC	80.00	20.00		VAN15002416	12.2	97.3	31306.3	162067	29.5	26717
A-15-127	661.70	662.40	0.70	2695455	4CC	80.00	20.00		VAN15002416	22.5	48.4	12902.9	64340	21.7	28349
A-15-127	662.40	663.30	0.90	2695456	4CC	70.00	30.00		VAN15002416	22.2	48.6	19437.7	87834	20.2	47173
A-15-127	663.30	663.90	0.60	2695457	4CC	95.00	5.00		VAN15002416	21.4	67.7	>40000.0	>200000	39	35618
A-15-127	663.90	664.60	0.70	2695458	4CC	85.00	15.00		VAN15002416	26.4	63.8	36083.7	151157	31.3	34130
A-15-127	664.60	665.15	0.55	2695459	4CC	95.00	5.00		VAN15002416	15	71.8	>40000.0	>200000	33.5	89268
A-15-127	665.15	665.87	0.72	2695460	4SH in 4CC	0.00	100.00		VAN15002416	10.4	16.5	1188.9	7005	2.2	54685
A-15-127	665.87	666.73	0.86	2695461	4CC	75.00	25.00		VAN15002416	21.9	83.3	>40000.0	177603	36	39786
A-15-127	666.73	667.51	0.78	2695462	4CC	50.00	50.00		VAN15002416	26.1	73	16824.2	71012	18.9	35526
A-15-127	Blank			2695463	BL125				VAN15002416	5.5	95.4	12.7	87	<0.5	637
A-15-127	667.51	668.38	0.87	2695464	4CC	15.00	85.00		VAN15002416	21	25.3	2333.6	12190	2.9	36807
A-15-127	668.38	669.21	0.83	2695465	4CC	20.00	80.00		VAN15002416	22.1	42.1	6457.2	32328	7.4	35068
A-15-127	669.21	669.80	0.59	2695466	4CC	65.00	35.00		VAN15002416	23.2	73.4	36635.4	172321	24.9	22440
A-15-127	669.80	670.43	0.63	2695467	4CC	65.00	35.00		VAN15002416	15.3	64.3	14819.5	67876	17.2	30274
A-15-127	670.43	671.33	0.90	2695468	4LPSH	70.00	30.00		VAN15002416	36.6	63.9	3240.9	26561	10.7	15490
A-15-127	671.33	672.15	0.82	2695469	4LPSH	30.00	70.00		VAN15002416	30.3	45.7	1793.5	10404	3.9	17905
A-15-127	672.15	672.80	0.65	2695470	4LPSH	20.00	80.00		VAN15002416	31.2	61.2	2305.2	13566	3.8	13564
A-15-127	672.80	673.54	0.74	2695471	4LPSH	7.00	93.00		VAN15002416	26.4	38.3	921.4	10232	2.2	9008

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%
A-15-127	638.45	639.45	1.00	2695430	67.5	4.3	639	13.9	58	3.6	1.3	371	440.5	18.4	<0.5	46	0.88	0.038
A-15-127	639.45	640.08	0.63	2695431	91.1	6.1	542	8.53	37	4.6	6.1	563	316.8	12.6	<0.5	64	1.31	0.093
A-15-127	640.08	641.15	1.07	2695432	69.3	3.7	657	17.26	71	3.4	0.8	457	565	21.4	<0.5	35	0.75	0.035
A-15-127	CR Dup			2695433	61.6	3.1	625	16.89	69	3.7	0.6	469	534.6	21.2	<0.5	40	0.74	0.028
A-15-127	641.15	642.06	0.91	2695434	58.9	5.1	1058	9.31	39	3.2	1.7	432	347.9	11.7	<0.5	52	3.41	0.069
A-15-127	642.06	643.13	1.07	2695435	66	3.1	801	18.7	78	3.6	1.1	321	656.8	20	<0.5	41	0.6	0.032
A-15-127	643.13	643.70	0.57	2695436	72.9	5.3	517	10.65	47	3.5	2	1269	440.9	10.8	<0.5	44	0.77	0.046
A-15-127	643.70	644.55	0.85	2695437	50.8	3.4	777	10.71	45	2.5	0.6	939	628.7	12.9	<0.5	37	2.53	0.036
A-15-127	644.55	645.40	0.85	2695438	64.5	3.1	637	14.69	62	3.2	0.6	492	712.2	22.2	<0.5	32	1.21	0.036
A-15-127	645.40	646.05	0.65	2695439	90.1	8.8	90	1.5	9	5	5.4	119	28	2.1	<0.5	65	0.54	0.086
A-15-127	646.05	647.07	1.02	2695440	75.4	4	444	13.37	63	3.4	2.1	275	345.8	22.4	<0.5	42	0.6	0.052
A-15-127	647.07	648.22	1.15	2695441	62.2	2.8	909	14.73	83	3.3	0.9	320	920	26	<0.5	30	1.81	0.031
A-15-127	648.22	648.68	0.46	2695442	90.1	5.2	400	7.61	72	3.6	2.5	429	208.4	41.7	<0.5	54	1.33	0.051
A-15-127	STD			2695443	16.1	18.2	1538	4.44	61	0.8	2.6	85	119.4	182.1	5	81	2.02	0.053
A-15-127	648.68	650.00	1.32	2695444	80.3	7.7	245	2.1	16	3.5	5.8	217	22.9	8.4	<0.5	60	1.25	0.066
A-15-127	650.00	651.50	1.50	2695445	79.4	8.4	222	2.02	14	3.8	5.9	257	17.4	7.7	<0.5	59	1.35	0.069
A-15-127	651.50	653.00	1.50	2695446	93.2	9.1	226	2.17	19	4	6.5	310	10.9	7.2	<0.5	65	1.54	0.074
A-15-127	653.00	654.50	1.50	2695447	82.1	7.5	226	2.04	14	3.8	6	343	14.9	7.2	<0.5	69	1.68	0.074
A-15-127	654.50	656.00	1.50	2695448	80.9	8.2	257	2.02	15	3.6	6	342	15.9	7.6	<0.5	61	1.73	0.081
A-15-127	656.00	657.50	1.50	2695449	80.7	8.9	230	1.88	20	3.9	6.7	325	19.5	6.6	<0.5	73	1.55	0.081
A-15-127	657.50	659.00	1.50	2695450	89.9	8	215	1.88	14	4	6.8	280	20.4	5.3	<0.5	69	1.41	0.083
A-15-127	659.00	659.90	0.90	2695451	85.6	7.3	231	1.71	13	4.2	6.6	294	23.7	5.9	<0.5	72	1.69	0.083
A-15-127	659.90	660.78	0.88	2695452	70.9	6.7	380	2.53	10	3.5	5.6	450	39.9	8.8	<0.5	58	2.46	0.082
A-15-127	Pulp Dup			2695453	63.6	6.8	368	2.42	6	3.3	5.5	416	39.2	9.8	<0.5	54	2.34	0.074
A-15-127	660.78	661.70	0.92	2695454	49.7	2.3	1198	15.79	44	2	0.8	416	1017.3	46.2	<0.5	32	1.67	0.034
A-15-127	661.70	662.40	0.70	2695455	70.2	4.4	980	12.26	38	3.2	1.6	265	426.9	29.3	<0.5	54	0.6	0.036
A-15-127	662.40	663.30	0.90	2695456	64.4	3.3	752	9.06	30	3.2	1.4	947	563.5	26.7	<0.5	61	1.82	0.047
A-15-127	663.30	663.90	0.60	2695457	46.3	1.9	945	13.4	40	3.1	0.8	392	1345.3	34.7	<0.5	47	1.06	0.029
A-15-127	663.90	664.60	0.70	2695458	60.9	3.5	726	10.75	37	3.5	1.2	293	941.5	25.7	<0.5	62	0.78	0.04
A-15-127	664.60	665.15	0.55	2695459	31.6	1.5	663	8.59	25	1.7	<0.5	555	1690.3	26.2	<0.5	34	1.51	0.025
A-15-127	665.15	665.87	0.72	2695460	57	6.5	262	1.81	9	2.5	5.2	225	37.6	3.5	<0.5	66	0.85	0.057
A-15-127	665.87	666.73	0.86	2695461	59.1	2.8	908	9.06	41	3.5	1.3	524	1090.1	49.3	<0.5	59	1.78	0.036
A-15-127	666.73	667.51	0.78	2695462	76.7	4.7	540	7.97	51	3.9	2.2	113	425.1	41.8	<0.5	67	0.99	0.047
A-15-127	Blank			2695463	14.6	9.6	574	3.45	<5	1	3	111	<0.5	<0.5	<0.5	98	1.22	0.057
A-15-127	667.51	668.38	0.87	2695464	74.8	7	364	2.52	23	4	4.5	196	67.3	10	<0.5	66	1.4	0.056
A-15-127	668.38	669.21	0.83	2695465	78.6	6	367	5.09	25	5.3	3.7	113	194.5	22.1	<0.5	76	0.7	0.061
A-15-127	669.21	669.80	0.59	2695466	60.2	4.2	1008	10.41	45	2.8	1.2	290	935.1	61.4	<0.5	45	1.76	0.033
A-15-127	669.80	670.43	0.63	2695467	53.6	3.6	903	13.02	56	2.8	1.2	101	397.9	74.7	<0.5	64	1.15	0.04
A-15-127	670.43	671.33	0.90	2695468	92.4	6	357	11.53	66	4.2	3.4	60	150.7	63.4	<0.5	82	0.23	0.05
A-15-127	671.33	672.15	0.82	2695469	87.8	6.7	239	5.42	53	4.2	4.2	128	60.7	34.4	<0.5	93	0.45	0.05
A-15-127	672.15	672.80	0.65	2695470	91.9	6.2	543	5.34	59	5.3	4.4	175	90.3	38	<0.5	99	1.49	0.064
A-15-127	672.80	673.54	0.74	2695471	77.3	5.7	519	3.07	38	5.8	3.8	561	73	20.7	<0.5	94	2.29	0.07

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-127	638.45	639.45	1.00	2695430	4.2	8.7	0.17	78	0.004	0.26	<0.01	0.13	<0.5	2.32	1.7	213.7	19.12	<5
A-15-127	639.45	640.08	0.63	2695431	10.9	8.9	0.21	152	0.004	0.37	<0.01	0.17	0.6	1.56	3.3	136	11.65	<5
A-15-127	640.08	641.15	1.07	2695432	2.4	7.2	0.14	66	0.002	0.17	<0.01	0.08	<0.5	2.97	2.2	275	24.12	<5
A-15-127	CR Dup			2695433	2.6	9.4	0.14	62	0.002	0.2	<0.01	0.09	<0.5	2.96	<0.5	279.4	23.5	<5
A-15-127	641.15	642.06	0.91	2695434	4.5	6.8	0.23	137	0.003	0.3	<0.01	0.15	<0.5	2.01	3	160.4	12.59	<5
A-15-127	642.06	643.13	1.07	2695435	3.3	4.7	0.17	63	0.002	0.2	<0.01	0.09	0.9	3.94	1.4	294.6	26.78	5
A-15-127	643.13	643.70	0.57	2695436	6.2	7.8	0.23	133	0.002	0.31	<0.01	0.13	0.5	2.49	<0.5	188.6	15.25	<5
A-15-127	643.70	644.55	0.85	2695437	2	5	0.41	98	0.002	0.24	<0.01	0.09	<0.5	3.48	2.7	216	16.33	<5
A-15-127	644.55	645.40	0.85	2695438	1.9	5.9	0.16	58	0.001	0.24	<0.01	0.08	0.6	4.2	0.6	271	22.11	<5
A-15-127	645.40	646.05	0.65	2695439	9.6	7.3	0.1	1231	0.004	0.46	<0.01	0.21	<0.5	0.06	1.4	9.8	1.95	<5
A-15-127	646.05	647.07	1.02	2695440	4.3	6.9	0.18	74	0.004	0.32	<0.01	0.17	<0.5	2.11	1.3	183.4	18.02	<5
A-15-127	647.07	648.22	1.15	2695441	2.5	6.3	0.2	71	0.001	0.19	<0.01	0.08	<0.5	5.7	<0.5	276.2	22.93	<5
A-15-127	648.22	648.68	0.46	2695442	4.9	8.8	0.16	179	0.004	0.34	<0.01	0.17	<0.5	1.23	0.6	88.3	9.59	<5
A-15-127	STD			2695443	7.2	25.6	1.31	239	0.138	1.66	0.21	0.2	1.6	0.64	2.1	0.7	1.85	5
A-15-127	648.68	650.00	1.32	2695444	9.7	7.1	0.29	834	0.005	0.43	<0.01	0.22	<0.5	0.17	2.2	12.6	2.45	<5
A-15-127	650.00	651.50	1.50	2695445	9.5	5.9	0.32	946	0.005	0.44	<0.01	0.23	<0.5	0.21	2.1	8.5	2.43	<5
A-15-127	651.50	653.00	1.50	2695446	9.5	8.5	0.35	962	0.005	0.49	<0.01	0.27	<0.5	0.09	1.9	8.3	2.48	<5
A-15-127	653.00	654.50	1.50	2695447	10.4	7.7	0.36	1349	0.005	0.53	<0.01	0.28	<0.5	0.08	1.5	9.8	2.37	<5
A-15-127	654.50	656.00	1.50	2695448	10.5	7.5	0.4	1276	0.004	0.48	<0.01	0.25	<0.5	0.11	2.9	11	2.28	<5
A-15-127	656.00	657.50	1.50	2695449	12.7	7.6	0.44	1365	0.005	0.59	<0.01	0.32	<0.5	0.06	3.6	9	2.09	<5
A-15-127	657.50	659.00	1.50	2695450	12.3	8.7	0.41	1239	0.005	0.55	<0.01	0.29	<0.5	<0.05	4.4	8.3	2.02	<5
A-15-127	659.00	659.90	0.90	2695451	13.1	8.4	0.42	1225	0.005	0.58	<0.01	0.3	<0.5	<0.05	2.6	9.4	1.96	<5
A-15-127	659.90	660.78	0.88	2695452	11.8	10	0.54	1079	0.004	0.46	<0.01	0.26	<0.5	<0.05	1.8	17.1	2.87	<5
A-15-127	Pulp Dup			2695453	11.2	8	0.53	1072	0.004	0.45	<0.01	0.23	<0.5	0.19	5.1	16.7	2.83	<5
A-15-127	660.78	661.70	0.92	2695454	2.6	5.2	0.26	70	0.002	0.28	<0.01	0.1	<0.5	5.62	2.3	248.8	25.05	<5
A-15-127	661.70	662.40	0.70	2695455	6.3	6.5	0.15	99	0.003	0.54	<0.01	0.16	<0.5	2.16	1.3	164.5	16.85	<5
A-15-127	662.40	663.30	0.90	2695456	6	7.3	0.22	116	0.002	0.57	<0.01	0.16	<0.5	2.88	1.3	181.2	13.91	<5
A-15-127	663.30	663.90	0.60	2695457	2.8	4.7	0.13	154	<0.001	0.17	<0.01	0.09	0.6	7.64	2.2	314.1	24.76	5
A-15-127	663.90	664.60	0.70	2695458	6.2	7.1	0.15	74	0.002	0.31	<0.01	0.13	<0.5	5.42	1.4	265.2	19.36	<5
A-15-127	664.60	665.15	0.55	2695459	1.5	3.6	0.3	52	<0.001	0.15	<0.01	0.04	<0.5	9.1	1.7	237.6	22.43	<5
A-15-127	665.15	665.87	0.72	2695460	20.1	7.9	0.35	1095	0.004	1.46	<0.01	0.21	<0.5	0.35	4.5	15.5	1.67	<5
A-15-127	665.87	666.73	0.86	2695461	5.6	7.3	0.3	110	0.002	0.72	<0.01	0.11	<0.5	7.76	<0.5	260.5	18.48	6
A-15-127	666.73	667.51	0.78	2695462	9.6	6.7	0.21	139	0.003	1.11	<0.01	0.18	<0.5	2.88	1.6	171.8	12.23	<5
A-15-127	Blank			2695463	7.6	23	0.84	133	0.187	2.1	0.29	0.24	0.7	<0.05	5.3	<0.5	<0.05	5
A-15-127	667.51	668.38	0.87	2695464	16.3	9.6	0.28	654	0.004	0.96	<0.01	0.23	<0.5	0.5	4.5	30.5	2.94	<5
A-15-127	668.38	669.21	0.83	2695465	14.3	8.2	0.2	274	0.003	1.01	<0.01	0.23	<0.5	1.26	2.4	63.2	7.23	<5
A-15-127	669.21	669.80	0.59	2695466	4.3	6.5	0.46	77	0.002	0.47	<0.01	0.1	0.5	7.49	2	209.5	20.19	<5
A-15-127	669.80	670.43	0.63	2695467	6.7	7.8	0.21	86	0.003	0.71	<0.01	0.19	<0.5	3.79	2.6	143.8	17.9	<5
A-15-127	670.43	671.33	0.90	2695468	11.6	7.5	0.11	96	0.005	0.41	<0.01	0.2	<0.5	1.49	2.5	106.5	14.47	<5
A-15-127	671.33	672.15	0.82	2695469	15.8	8.9	0.15	203	0.005	0.5	<0.01	0.27	<0.5	0.63	1.6	46.9	6.76	<5
A-15-127	672.15	672.80	0.65	2695470	14.3	9.8	0.11	265	0.006	0.5	<0.01	0.26	<0.5	0.65	1.7	50.9	6.98	<5
A-15-127	672.80	673.54	0.74	2695471	12.8	10.3	0.17	1000	0.005	0.41	<0.01	0.22	<0.5	0.61	1.3	25.6	3.87	<5

					AQ270	SPG01	WGHT	AQ371	AQ371
					Se	SG	Wgt	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**NONE**	**KG**	**%**	**%**
A-15-127	638.45	639.45	1.00	2695430	16	3.251	2.7		
A-15-127	639.45	640.08	0.63	2695431	17	2.979	1.76		
A-15-127	640.08	641.15	1.07	2695432	22	3.456	3.46		
A-15-127	CR Dup			2695433	15	3.453			
A-15-127	641.15	642.06	0.91	2695434	8	3.031	2.47		
A-15-127	642.06	643.13	1.07	2695435	15	3.536	3.39		
A-15-127	643.13	643.70	0.57	2695436	16	3.132	1.76		
A-15-127	643.70	644.55	0.85	2695437	15	3.323	2.72		
A-15-127	644.55	645.40	0.85	2695438	15	3.475	2.56		
A-15-127	645.40	646.05	0.65	2695439	14	2.619	1.56		
A-15-127	646.05	647.07	1.02	2695440	18	3.115	2.93		
A-15-127	647.07	648.22	1.15	2695441	21	3.516	3.87		
A-15-127	648.22	648.68	0.46	2695442	24	2.864	1.53		
A-15-127	STD			2695443	10	I.S.	0.03		
A-15-127	648.68	650.00	1.32	2695444	7	2.639	3.32		
A-15-127	650.00	651.50	1.50	2695445	2	2.586	3.75		
A-15-127	651.50	653.00	1.50	2695446	8	2.59	3.44		
A-15-127	653.00	654.50	1.50	2695447	7	2.602	3.7		
A-15-127	654.50	656.00	1.50	2695448	14	2.534	3.54		
A-15-127	656.00	657.50	1.50	2695449	12	2.602	3.63		
A-15-127	657.50	659.00	1.50	2695450	9	2.551	3.44		
A-15-127	659.00	659.90	0.90	2695451	8	2.573	2.09		
A-15-127	659.90	660.78	0.88	2695452	9	2.638	2.06		
A-15-127	Pulp Dup			2695453	5	2.642			
A-15-127	660.78	661.70	0.92	2695454	24	3.562	2.87		
A-15-127	661.70	662.40	0.70	2695455	25	3.113	1.93		
A-15-127	662.40	663.30	0.90	2695456	35	3.107	2.6		
A-15-127	663.30	663.90	0.60	2695457	28	3.621	1.71	4.49	20.74
A-15-127	663.90	664.60	0.70	2695458	26	3.304	2.15		
A-15-127	664.60	665.15	0.55	2695459	19	3.86	1.84	5.68	27.32
A-15-127	665.15	665.87	0.72	2695460	3	2.737	1.62		
A-15-127	665.87	666.73	0.86	2695461	33	3.375	2.56	4.41	16.98
A-15-127	666.73	667.51	0.78	2695462	47	2.988	2.03		
A-15-127	Blank			2695463	<2	I.S.	0.02		
A-15-127	667.51	668.38	0.87	2695464	12	2.713	2.25		
A-15-127	668.38	669.21	0.83	2695465	26	2.747	2.24		
A-15-127	669.21	669.80	0.59	2695466	48	3.319	1.65		
A-15-127	669.80	670.43	0.63	2695467	49	3.116	1.69		
A-15-127	670.43	671.33	0.90	2695468	37	2.928	2.2		
A-15-127	671.33	672.15	0.82	2695469	21	2.744	2.4		
A-15-127	672.15	672.80	0.65	2695470	48	2.703	1.82		
A-15-127	672.80	673.54	0.74	2695471	25	2.639	1.68		

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-127	673.54	674.40	0.86	2695472	4LPSH	10.00	90.00		VAN15002416	25.4	61.3	952.9	12556	2.8	11049
A-15-127	CR Dup			2695473	Cr Dup of 2695472				VAN15002416	25	62.8	834.7	12411	2.9	10786
A-15-127	674.40	675.40	1.00	2695474	4LPSH	3.00	97.00		VAN15002416	12.1	14.8	141.9	4169	0.8	9001
A-15-127	675.40	676.60	1.20	2695475	4LPSH	5.00	95.00		VAN15002416	18.6	25.3	208.6	7113	1.1	12160
A-15-127	676.60	677.62	1.02	2695476	4LPSH	7.00	93.00		VAN15002416	24.4	71.1	569.6	3400	2.7	8454
A-15-127	677.62	679.00	1.38	2695477	4LPSH	10.00	90.00		VAN15002416	20.9	46.7	717.1	9646	2.1	8519
A-15-127	679.00	680.50	1.50	2695478	4LPSH	10.00	90.00		VAN15002416	17.9	26.3	286.4	618	1.3	9500
A-15-127	680.50	682.00	1.50	2695479	4LPSH	7.00	93.00		VAN15002416	25.7	47.4	325.5	38	2.1	8816
A-15-127	682.00	683.00	1.00	2695480	4LPSH	10.00	90.00		VAN15002416	22.9	58.6	288.7	36	4.1	7165
A-15-127	683.00	683.62	0.62	2695481	4LPSH	20.00	80.00		VAN15002416	18.2	74.6	512	90	6	6379
A-15-127	683.62	684.13	0.51	2695482	4LPSH	3.00	97.00		VAN15002416	21.2	28.9	129.7	15	2	7259
A-15-127	STD			2695483	PB145				VAN15002416	8.4	1902.1	13490.1	16724	63.7	628
A-15-127	684.13	684.88	0.75	2695484	4LPSH with thick sulphide le	55.00	45.00		VAN15002416	16.5	52.6	752.4	49	10.1	5271
A-15-127	684.88	685.80	0.92	2695485	4LPSH with thick sulphide le	65.00	35.00		VAN15002416	20.8	40.3	1379.4	59	9.8	4284
A-15-127	685.80	686.55	0.75	2695486	4LPSH	15.00	85.00		VAN15002416	20.1	40.8	398.8	25	4	6207
A-15-127	686.55	687.06	0.51	2695487	4LPSH	10.00	90.00		VAN15002416	24.9	40	478.4	38	3.6	6950
A-15-127	687.06	688.10	1.04	2695488	5BXLS with pyrite replaced n	15.00	85.00		VAN15002416	3.6	18.6	988.7	1667	1.5	7684
A-15-127	688.10	689.10	1.00	2695489	5BXLS with pyrite replaced n	10.00	90.00		VAN15002416	13.7	22.1	307.4	232	0.8	9329
A-15-127	689.10	690.30	1.20	2695490	5BXLS	3.00	97.00		VAN15002416	33	38.4	130.3	11	1.1	6992
A-15-127	690.30	691.21	0.91	2695491	5BXLS	5.00	95.00		VAN15002416	33.2	38.6	94.9	11	1.1	7745
A-15-127	691.21	691.86	0.65	2695492	5BXLS	7.00	93.00		VAN15002416	18.1	31.7	178.4	68	1.3	4560
A-15-127	Pulp Dup			2695493	Pulp Dup of 2695492				VAN15002416	18.6	34.5	181.3	51	1.3	4667
A-15-127	691.86	692.67	0.81	2695494	5BXLS	2.00	98.00		VAN15002416	28.3	47.9	163.7	24	1.1	8037
A-15-127	692.67	694.00	1.33	2695495	5BXLS	2.00	98.00		VAN15002416	27.8	31.6	51	7	0.9	8116
A-15-127	694.00	695.50	1.50	2695496	5BXLS	5.00	95.00		VAN15002416	24.1	42.8	58.1	16	0.8	7887
A-15-127	695.50	697.00	1.50	2695497	5BXLS	2.00	98.00		VAN15002416	26.3	39.7	44.1	9	0.9	7206
A-15-127	697.00	698.50	1.50	2695498	5BXLS	2.00	98.00		VAN15002416	28.9	49.9	58.8	8	1.1	10332
A-15-127	698.50	700.00	1.50	2695499	5BXLS	2.00	98.00		VAN15002416	27.9	47.5	52.7	15	0.9	8703
A-15-127	700.00	701.13	1.13	2695500	5BXLS	2.00	98.00		VAN15002416	29	42.2	43.1	7	1	6432
A-15-127	701.13	702.00	0.87	2695501	5BXLS	2.00	98.00		VAN15002416	27.5	41.4	55.6	9	1.1	6771
A-15-127	702.00	703.00	1.00	2695502	5BXLS	2.00	98.00		VAN15002416	24.5	40.6	44	8	0.9	5652
A-15-127	Blank			2695503	BL125				VAN15002416	5.5	100	4.4	52	<0.5	592
A-15-127	703.00	704.00	1.00	2695504	5BXLS	3.00	97.00		VAN15002416	30.6	43	48.6	18	1.1	10155
A-15-127	704.00	705.00	1.00	2695505	5BXLS	2.00	98.00		VAN15002416	13.5	27.2	27.5	6	0.5	17145
A-15-127	705.00	706.00	1.00	2695506	5BXLS	2.00	98.00		VAN15002416	27.2	39.2	46.3	7	0.9	12127
A-15-127	706.00	707.50	1.50	2695507	5BXLS	5.00	95.00		VAN15002416	27.8	53.4	47.3	11	1	12026
A-15-127	707.50	709.00	1.50	2695508	5BXLS	1.00	99.00		VAN15002416	22.1	33.2	52	7	1	15198
A-15-127	709.00	710.00	1.00	2695509	5BXLS	1.00	99.00		VAN15002416	31.2	54.2	45.5	17	1	13373
A-15-127	710.00	710.40	0.40	2695510	5BXLS	2.00	98.00		VAN15002416	26.7	56.1	50.7	12	1.2	6914
A-15-127	710.40	710.88	0.48	2695511	5BXLS	3.00	97.00		VAN15002416	31.4	50.4	42.8	13	0.9	8244
A-15-127	710.88	711.25	0.37	2695512	6CSS	2.00	98.00		VAN15002416	13.1	17.4	18.9	47	<0.5	18512
A-15-127	CR Dup			2695513	CR Dup of 2695512				VAN15002416	11.6	18.2	19.4	49	<0.5	18097

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%
A-15-127	673.54	674.40	0.86	2695472	83.3	5.1	273	4.9	59	3.3	3.7	109	76	35.3	<0.5	89	0.71	0.048
A-15-127	CR Dup			2695473	85.4	5.9	265	4.89	58	3.3	3.6	117	79.2	35	<0.5	86	0.73	0.053
A-15-127	674.40	675.40	1.00	2695474	55.5	5.2	508	1.64	13	2	3.2	354	26	8.2	<0.5	63	1.7	0.084
A-15-127	675.40	676.60	1.20	2695475	72.5	6.6	260	2.04	10	3	4.6	198	53.6	16	<0.5	71	1.05	0.086
A-15-127	676.60	677.62	1.02	2695476	86	6.1	328	5.71	41	3.5	3.3	254	23.5	36.5	<0.5	72	1.29	0.036
A-15-127	677.62	679.00	1.38	2695477	69.3	5.4	292	3.67	37	3.5	3.4	244	69.5	26.8	<0.5	79	1.29	0.06
A-15-127	679.00	680.50	1.50	2695478	75.5	6.9	270	2.52	18	4.2	4.8	138	4.5	14.5	<0.5	93	1.13	0.095
A-15-127	680.50	682.00	1.50	2695479	100.8	6.7	452	3.16	29	4.8	4.4	209	<0.5	23.2	<0.5	85	2.06	0.054
A-15-127	682.00	683.00	1.00	2695480	95	5.9	882	4.87	71	3.7	3.6	151	0.6	27.6	<0.5	86	2.88	0.056
A-15-127	683.00	683.62	0.62	2695481	76.1	5.4	663	7.81	65	3	3.2	298	<0.5	40.1	<0.5	60	3.26	0.083
A-15-127	683.62	684.13	0.51	2695482	83	7.1	1623	3.03	27	3.2	5.3	265	<0.5	10	<0.5	66	4.56	0.085
A-15-127	STD			2695483	15.4	19.1	1622	4.1	59	0.8	1.9	96	119.2	176.8	5.3	76	2.02	0.045
A-15-127	684.13	684.88	0.75	2695484	73.9	5.6	770	14.71	71	1.9	2.6	168	0.6	40.1	<0.5	59	2.18	0.083
A-15-127	684.88	685.80	0.92	2695485	74.7	4.6	622	16.3	81	2	2.5	188	1	32.8	<0.5	51	1.73	0.041
A-15-127	685.80	686.55	0.75	2695486	86.3	5.9	212	5.54	41	2.5	3.7	85	<0.5	8.8	<0.5	73	0.97	0.078
A-15-127	686.55	687.06	0.51	2695487	89.1	5.9	723	4.73	33	4.4	4.4	303	1.1	6.5	<0.5	61	5.11	0.101
A-15-127	687.06	688.10	1.04	2695488	21.2	1.7	1609	12.01	12	1.8	0.6	1367	9.5	4.4	<0.5	16	18.93	0.064
A-15-127	688.10	689.10	1.00	2695489	48.1	4.3	1139	3.09	12	4.5	2.5	715	0.9	3.5	<0.5	30	12.45	0.086
A-15-127	689.10	690.30	1.20	2695490	103.6	6.9	139	2.11	20	11	2.9	93	<0.5	5.4	<0.5	73	1.28	0.073
A-15-127	690.30	691.21	0.91	2695491	107.7	7.1	118	1.94	21	11.8	2.8	73	<0.5	4.7	<0.5	69	1.07	0.052
A-15-127	691.21	691.86	0.65	2695492	54.5	4.6	699	4.13	21	6.9	1.2	914	0.8	5.4	<0.5	28	14.27	0.03
A-15-127	Pulp Dup			2695493	56.4	4.4	697	4.1	26	7.2	1.2	889	<0.5	6.7	<0.5	28	14.23	0.039
A-15-127	691.86	692.67	0.81	2695494	91	6.4	105	2.7	20	10.1	2.4	107	<0.5	7.3	<0.5	61	1.24	0.047
A-15-127	692.67	694.00	1.33	2695495	85.8	6	240	1.64	12	9.5	2.4	370	<0.5	4.3	<0.5	58	4.92	0.053
A-15-127	694.00	695.50	1.50	2695496	84.7	5.7	147	2.09	14	8.9	2.5	192	0.5	4.1	<0.5	57	1.85	0.054
A-15-127	695.50	697.00	1.50	2695497	73.7	5.8	345	1.53	14	7.8	1.8	504	<0.5	4.4	<0.5	50	7.65	0.037
A-15-127	697.00	698.50	1.50	2695498	91.5	7.4	283	2.16	18	7.8	3.4	299	<0.5	5.7	<0.5	52	4.53	0.051
A-15-127	698.50	700.00	1.50	2695499	116.2	6.6	223	2.39	16	8.6	2.9	252	<0.5	4.5	<0.5	66	2.55	0.074
A-15-127	700.00	701.13	1.13	2695500	121.9	6.4	138	1.89	20	11.1	2.7	202	<0.5	4.4	<0.5	62	2	0.065
A-15-127	701.13	702.00	0.87	2695501	106.9	6.8	102	2.28	19	9.1	2	175	<0.5	5	<0.5	47	1.44	0.062
A-15-127	702.00	703.00	1.00	2695502	116.2	6.5	112	1.9	18	8.8	2.4	158	<0.5	3.7	<0.5	70	1.37	0.106
A-15-127	Blank			2695503	16.1	10.3	523	3.41	<5	0.9	3	88	<0.5	<0.5	<0.5	96	1.08	0.061
A-15-127	703.00	704.00	1.00	2695504	137.3	7	178	2.2	11	8.3	2.7	224	<0.5	4	<0.5	51	2.54	0.051
A-15-127	704.00	705.00	1.00	2695505	68.1	5.3	413	1.99	13	3.5	5.4	500	<0.5	3.9	<0.5	51	6.58	0.088
A-15-127	705.00	706.00	1.00	2695506	93.5	8.1	98	1.79	15	6.7	3.6	100	<0.5	4.6	<0.5	57	1.14	0.046
A-15-127	706.00	707.50	1.50	2695507	110.7	7.8	261	2.04	15	10.4	4.3	323	<0.5	5	<0.5	76	4.12	0.338
A-15-127	707.50	709.00	1.50	2695508	100.4	8.5	220	2.48	14	6.8	4.5	226	<0.5	5.1	<0.5	45	3.12	0.07
A-15-127	709.00	710.00	1.00	2695509	129	7.3	298	1.95	16	10	4	330	<0.5	4.4	<0.5	48	4.52	0.062
A-15-127	710.00	710.40	0.40	2695510	190.1	7.6	85	2.02	22	9.4	2.1	174	<0.5	4.9	<0.5	38	1.2	0.031
A-15-127	710.40	710.88	0.48	2695511	202	9.9	82	2.35	21	5.8	2.4	79	<0.5	4.4	<0.5	49	0.98	0.03
A-15-127	710.88	711.25	0.37	2695512	120	5.7	429	1.52	8	3.2	5	414	<0.5	2.1	<0.5	17	8.07	0.044
A-15-127	CR Dup			2695513	116.3	6.3	454	1.57	9	3.4	4.7	434	<0.5	2.6	<0.5	18	8.07	0.045

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-127	673.54	674.40	0.86	2695472	12.6	8.8	0.06	342	0.005	0.43	<0.01	0.23	<0.5	0.58	1.9	45.5	6.33	<5
A-15-127	CR Dup			2695473	12.5	<0.5	0.07	344	0.005	0.42	<0.01	0.22	<0.5	0.7	2.8	45.1	6.29	<5
A-15-127	674.40	675.40	1.00	2695474	12.9	7.4	0.43	1308	0.005	0.42	<0.01	0.22	<0.5	0.34	2.8	6.7	2.01	<5
A-15-127	675.40	676.60	1.20	2695475	17.9	7.6	0.28	1157	0.005	0.46	<0.01	0.23	<0.5	0.57	2.5	13.9	2.62	<5
A-15-127	676.60	677.62	1.02	2695476	12.9	6.4	0.1	280	0.004	0.38	<0.01	0.22	<0.5	0.32	0.7	37.3	6.82	<5
A-15-127	677.62	679.00	1.38	2695477	12.3	8	0.14	455	0.004	0.4	<0.01	0.22	<0.5	0.79	3.2	31.4	4.55	<5
A-15-127	679.00	680.50	1.50	2695478	16.3	8.9	0.24	947	0.006	0.54	<0.01	0.28	<0.5	<0.05	3.8	15.9	2.87	<5
A-15-127	680.50	682.00	1.50	2695479	17.3	8.7	0.1	776	0.005	0.46	<0.01	0.25	<0.5	0.1	1.8	21.4	3.63	<5
A-15-127	682.00	683.00	1.00	2695480	13.4	11.5	0.12	455	0.005	0.45	<0.01	0.25	<0.5	<0.05	2.5	32.1	5.76	<5
A-15-127	683.00	683.62	0.62	2695481	12.5	9.4	0.17	265	0.005	0.39	<0.01	0.21	<0.5	0.12	1.6	38.3	8.92	<5
A-15-127	683.62	684.13	0.51	2695482	15.4	11.2	0.45	753	0.006	0.48	<0.01	0.25	<0.5	<0.05	3	13.2	3.45	<5
A-15-127	STD			2695483	7.7	26.2	1.31	243	0.143	1.73	0.23	0.19	1	0.56	3.5	1.1	1.74	<5
A-15-127	684.13	684.88	0.75	2695484	8.3	13.3	0.11	123	0.005	0.4	<0.01	0.21	<0.5	0.09	1.4	102.7	17.03	<5
A-15-127	684.88	685.80	0.92	2695485	7	8.4	0.06	120	0.004	0.37	<0.01	0.19	<0.5	0.15	<0.5	186.2	19.09	<5
A-15-127	685.80	686.55	0.75	2695486	14.3	13.8	0.17	551	0.006	0.51	<0.01	0.27	<0.5	0.13	1.6	62.2	6.47	<5
A-15-127	686.55	687.06	0.51	2695487	15.5	11.4	0.35	733	0.006	0.49	<0.01	0.25	<0.5	<0.05	2	29.9	5.59	<5
A-15-127	687.06	688.10	1.04	2695488	15	<0.5	0.32	128	0.002	0.09	<0.01	0.03	<0.5	0.38	1.1	15	14.06	<5
A-15-127	688.10	689.10	1.00	2695489	17	5.7	0.48	1654	0.002	0.26	<0.01	0.14	<0.5	0.29	1.6	9.6	3.54	<5
A-15-127	689.10	690.30	1.20	2695490	11.5	9.7	0.05	854	0.005	0.4	<0.01	0.2	<0.5	<0.05	1.3	8.1	2.19	<5
A-15-127	690.30	691.21	0.91	2695491	11.2	8	0.04	1024	0.005	0.38	<0.01	0.19	<0.5	0.1	0.8	6.5	2.04	<5
A-15-127	691.21	691.86	0.65	2695492	10.2	4	0.14	648	0.002	0.16	<0.01	0.09	<0.5	0.18	1.7	6	4.89	<5
A-15-127	Pulp Dup			2695493	10.6	4.6	0.13	595	0.002	0.17	<0.01	0.09	<0.5	0.16	2.2	6.1	4.93	<5
A-15-127	691.86	692.67	0.81	2695494	9.5	6.9	0.05	1152	0.004	0.34	<0.01	0.16	<0.5	0.14	0.8	7.5	3.01	<5
A-15-127	692.67	694.00	1.33	2695495	11.5	8.1	0.1	1933	0.003	0.29	<0.01	0.15	<0.5	0.11	1.4	4.9	1.73	<5
A-15-127	694.00	695.50	1.50	2695496	8.9	6.2	0.14	1513	0.004	0.3	<0.01	0.17	<0.5	0.18	1.3	6	2.32	<5
A-15-127	695.50	697.00	1.50	2695497	11.6	7.4	0.15	1566	0.003	0.28	<0.01	0.15	<0.5	<0.05	4.8	4.2	1.6	<5
A-15-127	697.00	698.50	1.50	2695498	11.8	7.8	0.38	1654	0.004	0.35	<0.01	0.19	<0.5	0.23	0.9	4.6	2.42	<5
A-15-127	698.50	700.00	1.50	2695499	10.5	8.1	0.52	1519	0.005	0.36	<0.01	0.2	<0.5	0.1	2.3	4.1	2.64	<5
A-15-127	700.00	701.13	1.13	2695500	10.4	6.8	0.11	966	0.005	0.34	<0.01	0.18	<0.5	0.16	1.6	4.6	2.07	<5
A-15-127	701.13	702.00	0.87	2695501	9	5.4	0.09	1244	0.004	0.28	<0.01	0.16	<0.5	0.12	2.5	4.4	2.53	<5
A-15-127	702.00	703.00	1.00	2695502	8.5	6.8	0.18	1215	0.006	0.34	<0.01	0.18	<0.5	0.18	1	4.1	2.08	<5
A-15-127	Blank			2695503	7.2	19.1	0.81	144	0.167	1.93	0.28	0.24	0.7	<0.05	3.6	<0.5	<0.05	5
A-15-127	703.00	704.00	1.00	2695504	10.4	6.6	0.51	1138	0.004	0.31	<0.01	0.17	1.6	0.29	2.3	4.2	2.4	<5
A-15-127	704.00	705.00	1.00	2695505	17	9.3	1.34	1282	0.007	0.35	<0.01	0.2	<0.5	0.06	4.2	2.2	2.14	<5
A-15-127	705.00	706.00	1.00	2695506	12.9	6.9	0.36	1056	0.005	0.38	<0.01	0.22	<0.5	0.06	2.4	3.4	1.96	<5
A-15-127	706.00	707.50	1.50	2695507	16	19.3	1.18	1298	0.006	0.43	<0.01	0.23	<0.5	0.19	3.8	3.8	2.17	<5
A-15-127	707.50	709.00	1.50	2695508	10.6	7.3	1.07	1084	0.004	0.34	<0.01	0.22	<0.5	0.16	3.2	4	2.75	<5
A-15-127	709.00	710.00	1.00	2695509	9.8	8.2	1.45	1490	0.003	0.28	<0.01	0.18	<0.5	0.17	3.6	3.7	2.04	<5
A-15-127	710.00	710.40	0.40	2695510	7.9	5.1	0.1	871	0.003	0.24	<0.01	0.14	<0.5	0.25	1.6	5.1	2.16	<5
A-15-127	710.40	710.88	0.48	2695511	11.2	7.5	0.24	951	0.004	0.33	<0.01	0.18	<0.5	0.19	2.8	3.7	2.65	<5
A-15-127	710.88	711.25	0.37	2695512	12	5.8	2.11	1548	0.004	0.28	<0.01	0.18	<0.5	0.14	4.2	2	1.6	<5
A-15-127	CR Dup			2695513	13.1	8.5	2.11	1636	0.004	0.28	<0.01	0.19	<0.5	0.1	4.5	2.3	1.62	<5

					AQ270	SPG01	WGHT	AQ371	AQ371
					Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	NONE	KG	%	%
A-15-127	673.54	674.40	0.86	2695472	40	2.646	2.09		
A-15-127	CR Dup			2695473	31	2.658			
A-15-127	674.40	675.40	1.00	2695474	12	2.552	2.17		
A-15-127	675.40	676.60	1.20	2695475	23	2.605	2.66		
A-15-127	676.60	677.62	1.02	2695476	48	2.677	2.98		
A-15-127	677.62	679.00	1.38	2695477	32	2.624	3.3		
A-15-127	679.00	680.50	1.50	2695478	29	2.568	3.7		
A-15-127	680.50	682.00	1.50	2695479	40	2.625	3.34		
A-15-127	682.00	683.00	1.00	2695480	33	2.639	2.51		
A-15-127	683.00	683.62	0.62	2695481	13	2.727	1.52		
A-15-127	683.62	684.13	0.51	2695482	14	2.571	1.21		
A-15-127	STD			2695483	13	I.S.	0.03		
A-15-127	684.13	684.88	0.75	2695484	22	2.959	2.15		
A-15-127	684.88	685.80	0.92	2695485	23	3.065	2.33		
A-15-127	685.80	686.55	0.75	2695486	13	2.674	1.91		
A-15-127	686.55	687.06	0.51	2695487	8	2.676	1.45		
A-15-127	687.06	688.10	1.04	2695488	6	3.05	2.6		
A-15-127	688.10	689.10	1.00	2695489	5	2.674	2.39		
A-15-127	689.10	690.30	1.20	2695490	17	2.6	2.59		
A-15-127	690.30	691.21	0.91	2695491	11	2.552	1.89		
A-15-127	691.21	691.86	0.65	2695492	7	2.747	1.75		
A-15-127	Pulp Dup			2695493	7	2.751			
A-15-127	691.86	692.67	0.81	2695494	8	2.615	1.93		
A-15-127	692.67	694.00	1.33	2695495	10	2.527	3.12		
A-15-127	694.00	695.50	1.50	2695496	7	2.552	3.5		
A-15-127	695.50	697.00	1.50	2695497	5	2.565	3.46		
A-15-127	697.00	698.50	1.50	2695498	9	2.59	3.39		
A-15-127	698.50	700.00	1.50	2695499	6	2.555	3.23		
A-15-127	700.00	701.13	1.13	2695500	15	2.566	2.7		
A-15-127	701.13	702.00	0.87	2695501	9	2.63	1.45		
A-15-127	702.00	703.00	1.00	2695502	8	2.547	2.16		
A-15-127	Blank			2695503	<2	I.S.	0.02		
A-15-127	703.00	704.00	1.00	2695504	15	2.596	1.9		
A-15-127	704.00	705.00	1.00	2695505	11	2.613	2.62		
A-15-127	705.00	706.00	1.00	2695506	8	2.586	2.32		
A-15-127	706.00	707.50	1.50	2695507	10	2.578	3.38		
A-15-127	707.50	709.00	1.50	2695508	7	2.617	3.71		
A-15-127	709.00	710.00	1.00	2695509	7	2.624	2.55		
A-15-127	710.00	710.40	0.40	2695510	6	2.546	0.85		
A-15-127	710.40	710.88	0.48	2695511	6	2.582	1.06		
A-15-127	710.88	711.25	0.37	2695512	9	2.65	1.18		
A-15-127	CR Dup			2695513	5	2.655			

										AQ270	AQ270	AQ270	AQ270	AQ270	LF301
										Mo	Cu	Pb	Zn	Ag	Ba
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-127	711.25	712.00	0.75	2695514	6CSS	2.00	98.00		VAN15002416	25	13	20.2	<5	<0.5	14929
A-15-127	712.00	713.50	1.50	2695515	6CSS	2.00	98.00		VAN15002416	17.8	25.3	20.8	14	<0.5	12673
A-15-127	713.50	715.00	1.50	2695516	6CSS	2.00	98.00		VAN15002416	15.8	17.3	22.7	7	0.5	9721
A-15-127	715.00	716.28	1.28	2695517	6CSS	2.00	98.00		VAN15002416	12.3	17.4	22.4	<5	0.5	13500

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%
A-15-127	711.25	712.00	0.75	2695514	107.4	5.8	476	1.39	10	5.4	4.8	453	<0.5	2.6	<0.5	26	8.86	0.036
A-15-127	712.00	713.50	1.50	2695515	83.7	4.7	467	1.35	11	4.8	4.1	459	<0.5	2.7	<0.5	33	9.78	0.045
A-15-127	713.50	715.00	1.50	2695516	68.3	3.5	538	1.31	7	5.6	3.2	519	<0.5	2.5	<0.5	29	10.68	0.039
A-15-127	715.00	716.28	1.28	2695517	43.6	5	459	1.61	9	3.2	5.1	463	<0.5	3.5	<0.5	48	9.08	0.104

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM
A-15-127	711.25	712.00	0.75	2695514	14.3	7.7	2.22	925	0.004	0.28	<0.01	0.18	<0.5	0.13	4	2.5	1.39	<5
A-15-127	712.00	713.50	1.50	2695515	13.3	7.2	2.78	823	0.004	0.27	<0.01	0.17	<0.5	<0.05	4.4	1.9	1.33	<5
A-15-127	713.50	715.00	1.50	2695516	12.8	8.8	2.76	1013	0.004	0.28	<0.01	0.17	<0.5	0.05	3.2	2.1	1.29	<5
A-15-127	715.00	716.28	1.28	2695517	16.1	10	2.1	1170	0.006	0.37	<0.01	0.23	<0.5	0.16	3.7	1.5	1.65	<5

					AQ270	SPG01	WGHT	AQ371	AQ371
					Se	SG	Wgt	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	NONE	KG	%	%
A-15-127	711.25	712.00	0.75	2695514	<2	2.566	1.3		
A-15-127	712.00	713.50	1.50	2695515	4	2.616	3.34		
A-15-127	713.50	715.00	1.50	2695516	4	2.418	3.33		
A-15-127	715.00	716.28	1.28	2695517	4	2.466	2.42		

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-127	0		25	-76			Yes	Collar
A-15-127	24.38	4.7	24	-76.8	5796	Reflex	Yes	
A-15-127	64.01	3.2	22.5	-75.6	5721	Reflex	Yes	
A-15-127	109.73	1.6	20.9	-75.3	5722	Reflex	Yes	
A-15-127	155.45	0.6	19.9	-74.9	5730	Reflex	Yes	
A-15-127	201.17	1	20.3	-74.6	5716	Reflex	Yes	
A-15-127	246.89	1.7	21	-74.3	5709	Reflex	Yes	
A-15-127	292.61	2.6	21.9	-74.5	5721	Reflex	Yes	
A-15-127	338.33	4.9	24.2	-74.6	5719	Reflex	Yes	
A-15-127	384.05	4.9	24.2	-74.1	5721	Reflex	Yes	
A-15-127	429.77	3.8	23.1	-73	5710	Reflex	Yes	
A-15-127	475.49	1	20.3	-72.5	5711	Reflex	Yes	
A-15-127	521.21	1.4	20.7	-72.2	5690	Reflex	Yes	
A-15-127	566.93	359.5	18.8	-71	5729	Reflex	Yes	
A-15-127	612.66	358.8	18.1	-70.2	5708	Reflex	Yes	
A-15-127	658.38	359.7	19	-69.4	5733	Reflex	Yes	
A-15-127	710.19	359.1	18.4	-69.2	5714	Reflex	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	3.05	6.10	3.05	0.37	12.13%	0	0.00%												
A-15-127	6.10	10.36	4.26	0.91	21.36%	0	0.00%												
A-15-127	10.36	11.58	1.22	0.77	63.11%	0	0.00%												
A-15-127	11.58	12.19	0.61	0.31	50.82%	0	0.00%												
A-15-127	12.19	13.72	1.53	1.28	83.66%	0	0.00%												
A-15-127	13.72	15.24	1.52	0.54	35.53%	0	0.00%												
A-15-127	15.24	17.07	1.83	1.6	87.43%	0	0.00%												
A-15-127	17.07	18.29	1.22	0.55	45.08%	0	0.00%												
A-15-127	18.29	19.51	1.22	0.62	50.82%	0	0.00%												
A-15-127	19.51	21.34	1.83	0.94	51.37%	0	0.00%												
A-15-127	21.34	23.47	2.13	1.32	61.97%	0	0.00%												
A-15-127	23.47	24.38	0.91	0.45	49.45%	0.11	12.09%												
A-15-127	24.38	25.60	1.22	0.91	74.59%	0.11	9.02%												
A-15-127	25.60	26.82	1.22	0.78	63.93%	0.14	11.48%												
A-15-127	26.82	27.43	0.61	0.37	60.66%	0	0.00%												
A-15-127	27.43	29.26	1.83	0.82	44.81%	0	0.00%												
A-15-127	29.26	30.48	1.22	0.42	34.43%	0.13	10.66%												
A-15-127	30.48	33.53	3.05	1.85	60.66%	0	0.00%												
A-15-127	33.53	35.36	1.83	1.33	72.68%	0	0.00%												
A-15-127	35.36	35.97	0.61	0.55	90.16%	0	0.00%												
A-15-127	35.97	36.88	0.91	0.74	81.32%	0	0.00%												
A-15-127	36.88	39.32	2.44	1.05	43.03%	0.58	23.77%												
A-15-127	39.32	41.15	1.83	1.9	103.83%	1.01	55.19%												
A-15-127	41.15	42.67	1.52	1.06	69.74%	0.37	24.34%												
A-15-127	42.67	44.81	2.14	2.23	104.21%	95	4439.25%												
A-15-127	44.81	45.72	0.91	0.52	57.14%	0	0.00%												
A-15-127	45.72	47.85	2.13	2.09	98.12%	1.6	75.12%												
A-15-127	47.85	48.77	0.92	1.03	111.96%	0.45	48.91%												
A-15-127	48.77	51.51	2.74	1.7	62.04%	0	0.00%												
A-15-127	51.51	54.26	2.75	2.29	83.27%	0.51	18.55%												
A-15-127	54.26	54.86	0.60	0.65	108.33%	0.13	21.67%												
A-15-127	54.86	57.00	2.14	1.45	67.76%	0.23	10.75%												
A-15-127	57.00	57.30	0.30	0.3	100.00%	0.28	93.33%												
A-15-127	57.30	57.91	0.61	0.38	62.30%	0	0.00%												
A-15-127	57.91	60.05	2.14	1.79	83.64%	0.39	18.22%												
A-15-127	60.05	60.96	0.91	0.83	91.21%	0.00	0.00%												
A-15-127	60.96	64.01	3.05	2.26	74.10%	0.44	14.43%												
A-15-127	64.01	66.75	2.74	2.51	91.61%	0.39	14.23%												
A-15-127	66.75	68.89	2.14	0.95	44.39%	0.88	41.12%												
A-15-127	68.89	69.50	0.61	0.6	98.36%	0	0.00%												
A-15-127	69.50	70.10	0.60	0.66	110.00%	0.18	30.00%												
A-15-127	70.10	71.63	1.53	1.14	74.51%	0.11	7.19%												
A-15-127	71.63	72.54	0.91	0.7	76.92%	0.47	51.65%												
A-15-127	72.54	73.46	0.92	0.69	75.00%	0.13	14.13%												
A-15-127	73.46	74.37	0.91	0.91	100.00%	0.47	51.65%												
A-15-127	74.37	74.98	0.61	0.51	83.61%	0.15	24.59%												
A-15-127	74.98	76.20	1.22	1.19	97.54%	0.39	31.97%												
A-15-127	76.20	78.33	2.13	1.71	80.28%	0.51	23.94%												
A-15-127	78.33	79.55	1.22	0.6	49.18%	0	0.00%												
A-15-127	79.55	80.77	1.22	1.2	98.36%	0.37	30.33%												
A-15-127	80.77	81.99	1.22	0.9	73.77%	0.34	27.87%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	81.99	84.43	2.44	2.23	91.39%	1.16	47.54%												
A-15-127	84.43	85.65	1.22	0.89	72.95%	0	0.00%												
A-15-127	85.65	86.56	0.91	0.52	57.14%	0.12	13.19%												
A-15-127	86.56	87.48	0.92	1.13	122.83%	0	0.00%												
A-15-127	87.48	88.39	0.91	0.89	97.80%	0.00	0.00%												
A-15-127	88.39	90.22	1.83	1.39	75.96%	0	0.00%												
A-15-127	90.22	90.83	0.61	0.5	81.97%	0	0.00%												
A-15-127	90.83	92.97	2.14	1.61	75.23%	0.47	21.96%												
A-15-127	92.97	93.57	0.60	0.53	88.33%	0.12	20.00%												
A-15-127	93.57	94.18	0.61	0.45	73.77%	0.00	0.00%												
A-15-127	94.18	96.32	2.14	1.8	84.11%	0.55	25.70%												
A-15-127	96.32	97.23	0.91	0.48	52.75%	0	0.00%												
A-15-127	97.23	99.06	1.83	1.74	95.08%	0.33	18.03%												
A-15-127	99.06	100.28	1.22	0.96	78.69%	0.4	32.79%												
A-15-127	100.28	102.41	2.13	2.04	95.77%	0.81	38.03%												
A-15-127	102.41	103.33	0.92	0.74	80.43%	0.21	22.83%												
A-15-127	103.33	105.46	2.13	1.73	81.22%	0	0.00%												
A-15-127	105.46	106.07	0.61	0.52	85.25%	0	0.00%												
A-15-127	106.07	106.68	0.61	0.6	98.36%	0	0.00%												
A-15-127	106.68	109.73	3.05	2.95	96.72%	1.45	47.54%												
A-15-127	109.73	112.47	2.74	2.61	95.26%	0.65	23.72%												
A-15-127	112.47	114.61	2.14	1.89	88.32%	1.12	52.34%												
A-15-127	114.61	115.83	1.22	0.87	71.31%	0.18	14.75%												
A-15-127	115.83	118.26	2.43	2.26	93.00%	1.45	59.67%												
A-15-127	118.26	121.31	3.05	3.02	99.02%	1.96	64.26%												
A-15-127	121.31	124.36	3.05	2.72	89.18%	1.57	51.48%	1					1						
A-15-127	124.36	124.97	0.61	0.74	121.31%	0.34	55.74%												
A-15-127	124.97	127.41	2.44	1.57	64.34%	0.14	5.74%												
A-15-127	127.41	128.02	0.61	0.29	47.54%	0	0.00%												
A-15-127	128.02	131.07	3.05	1.72	56.39%	0.59	19.34%												
A-15-127	131.07	132.89	1.82	1.41	77.47%	0	0.00%												
A-15-127	132.89	134.11	1.22	0.86	70.49%	0	0.00%												
A-15-127	134.11	136.55	2.44	1.71	70.08%	0.11	4.51%												
A-15-127	136.55	137.16	0.61	0.38	62.30%	0.13	21.31%												
A-15-127	137.16	138.99	1.83	1.65	90.16%	0.3	16.39%												
A-15-127	138.99	139.90	0.91	0.75	82.42%	0	0.00%												
A-15-127	139.90	142.04	2.14	0.87	40.65%	0.23	10.75%												
A-15-127	142.04	143.26	1.22	1.15	94.26%	0.45	36.89%												
A-15-127	143.26	145.70	2.44	2.12	86.89%	1.43	58.61%	>100	>100										
A-15-127	145.70	147.22	1.52	1.61	105.92%	0.44	28.95%												
A-15-127	147.22	149.35	2.13	1.97	92.49%	0.82	38.50%												
A-15-127	149.35	150.88	1.53	1.27	83.01%	0.13	8.50%												
A-15-127	150.88	151.49	0.61	0.56	91.80%	0	0.00%												
A-15-127	151.49	153.01	1.52	1.24	81.58%	0.53	34.87%												
A-15-127	153.01	153.92	0.91	0.8	87.91%	0.28	30.77%												
A-15-127	153.92	154.84	0.92	0.71	77.17%	0.64	69.57%												
A-15-127	154.84	155.75	0.91	0.63	69.23%	0	0.00%	1			1								
A-15-127	155.75	156.97	1.22	0.79	64.75%	0	0.00%												
A-15-127	156.97	157.58	0.61	0.31	50.82%	0	0.00%												
A-15-127	157.58	158.19	0.61	0.6	98.36%	0	0.00%												
A-15-127	158.19	159.11	0.92	0.53	57.61%	0	0.00%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	159.11	159.72	0.61	0.43	70.49%	0	0.00%												
A-15-127	159.72	160.63	0.91	0.42	46.15%	0	0.00%												
A-15-127	160.63	163.98	3.35	1.62	48.36%	0	0.00%												
A-15-127	163.98	165.20	1.22	1.07	87.70%	0.27	22.13%												
A-15-127	165.20	166.42	1.22	0.99	81.15%	0.33	27.05%												
A-15-127	166.42	167.03	0.61	0.39	63.93%	0	0.00%												
A-15-127	167.03	169.16	2.13	2.06	96.71%	1.08	50.70%												
A-15-127	169.16	170.69	1.53	1.2	78.43%	0.27	17.65%												
A-15-127	170.69	172.21	1.52	1.33	87.50%	0.89	58.55%												
A-15-127	172.21	173.74	1.53	1.52	99.35%	1.31	85.62%												
A-15-127	173.74	174.96	1.22	1	81.97%	0.11	9.02%												
A-15-127	174.96	176.78	1.82	1.78	97.80%	0.58	31.87%												
A-15-127	176.78	178.00	1.22	1.17	95.90%	0.65	53.28%												
A-15-127	178.00	179.55	1.55	1.34	86.45%	1.05	67.74%												
A-15-127	179.55	181.05	1.50	1.48	98.67%	0.67	44.67%												
A-15-127	181.05	181.97	0.92	1.32	143.48%	1.02	110.87%												
A-15-127	181.97	185.01	3.04	2.67	87.83%	2.19	72.04%												
A-15-127	185.01	185.93	0.92	0.79	85.87%	0.23	25.00%												
A-15-127	185.93	188.98	3.05	2.65	86.89%	1.07	35.08%												
A-15-127	188.98	191.72	2.74	2.67	97.45%	2.13	77.74%												
A-15-127	191.72	194.77	3.05	2.77	90.82%	1.85	60.66%	1				1							
A-15-127	194.77	197.21	2.44	2.13	87.30%	1.3	53.28%												
A-15-127	197.21	197.82	0.61	0.59	96.72%	0.18	29.51%												
A-15-127	197.82	200.86	3.04	2.83	93.09%	1.58	51.97%	1					1						
A-15-127	200.86	202.39	1.53	1.47	96.08%	0.53	34.64%												
A-15-127	202.39	203.91	1.52	1.39	91.45%	0.55	36.18%												
A-15-127	203.91	205.44	1.53	1.51	98.69%	0.91	59.48%												
A-15-127	205.44	207.26	1.82	1.75	96.15%	1.1	60.44%												
A-15-127	207.26	210.31	3.05	2.93	96.07%	1.95	63.93%												
A-15-127	210.31	213.06	2.75	2.51	91.27%	1.91	69.45%	2	1.00				1						
A-15-127	213.06	215.19	2.13	2.06	96.71%	1.78	83.57%	1					1						
A-15-127	215.19	216.10	0.91	0.75	82.42%	0.47	51.65%												
A-15-127	216.10	216.41	0.31	0.28	90.32%	0.23	74.19%												
A-15-127	216.41	219.15	2.74	2.52	91.97%	1.43	52.19%												
A-15-127	219.15	220.07	0.92	0.41	44.57%	0	0.00%												
A-15-127	220.07	222.50	2.43	2.43	100.00%	1.66	68.31%												
A-15-127	222.50	224.03	1.53	1.37	89.54%	0.86	56.21%												
A-15-127	224.03	225.55	1.52	1.3	85.53%	0.94	61.84%												
A-15-127	225.55	227.38	1.83	1.89	103.28%	1.34	73.22%												
A-15-127	227.38	229.21	1.83	1.47	80.33%	1.33	72.68%												
A-15-127	229.21	231.65	2.44	2.61	106.97%	2.61	106.97%												
A-15-127	231.65	232.87	1.22	0.48	39.34%	0	0.00%												
A-15-127	232.87	233.48	0.61	0.44	72.13%	0	0.00%												
A-15-127	233.48	233.78	0.30	0.27	90.00%	0	0.00%												
A-15-127	233.78	234.70	0.92	0.63	68.48%	0	0.00%												
A-15-127	234.70	236.22	1.52	1.3	85.53%	0.54	35.53%												
A-15-127	236.22	237.74	1.52	1.24	81.58%	0.53	34.87%												
A-15-127	237.74	238.96	1.22	1.02	83.61%	0.26	21.31%												
A-15-127	238.96	240.49	1.53	1.39	90.85%	0.12	7.84%												
A-15-127	240.49	242.32	1.83	1.44	78.69%	0.73	39.89%												
A-15-127	242.32	245.06	2.74	2.79	101.82%	1.7	62.04%	1				1							

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	245.06	247.19	2.13	2.01	94.37%	1.42	66.67%	1			1								
A-15-127	247.19	248.72	1.53	1.43	93.46%	0.44	28.76%												
A-15-127	248.72	250.55	1.83	1.49	81.42%	0.51	27.87%												
A-15-127	250.55	252.98	2.43	2.09	86.01%	1.08	44.44%												
A-15-127	252.98	254.20	1.22	0.81	66.39%	0.56	45.90%												
A-15-127	254.20	256.03	1.83	1.71	93.44%	0.99	54.10%												
A-15-127	256.03	256.95	0.92	0.74	80.43%	0.44	47.83%												
A-15-127	256.95	259.08	2.13	2.08	97.65%	1.28	60.09%												
A-15-127	259.08	262.13	3.05	3.03	99.34%	2.55	83.61%												
A-15-127	262.13	265.18	3.05	2.88	94.43%	1.76	57.70%												
A-15-127	265.18	267.00	1.82	1.92	105.49%	1.27	69.78%												
A-15-127	267.00	268.83	1.83	1.71	93.44%	0.77	42.08%												
A-15-127	268.83	270.66	1.83	1.41	77.05%	0.49	26.78%												
A-15-127	270.66	272.19	1.53	1.85	120.92%	1.11	72.55%												
A-15-127	272.19	274.62	2.43	2.01	82.72%	1.39	57.20%												
A-15-127	274.62	277.37	2.75	2.75	100.00%	1.74	63.27%												
A-15-127	277.37	279.50	2.13	1.71	80.28%	0.85	39.91%												
A-15-127	279.50	282.55	3.05	2.57	84.26%	1.78	58.36%												
A-15-127	282.55	285.60	3.05	2.85	93.44%	2.01	65.90%												
A-15-127	285.60	288.65	3.05	2.8	91.80%	2.03	66.56%	2			1	1							
A-15-127	288.65	291.69	3.04	2.79	91.78%	2.39	78.62%	1				1							
A-15-127	291.69	292.61	0.92	1.04	113.04%	0.81	88.04%												
A-15-127	292.61	295.66	3.05	3.08	100.98%	2.97	97.38%	2		1			1						
A-15-127	295.66	298.40	2.74	2.41	87.96%	1.74	63.50%	4	3.00	1									
A-15-127	298.40	300.54	2.14	1.96	91.59%	0.72	33.64%												
A-15-127	300.54	303.58	3.04	2.61	85.86%	1.88	61.84%												
A-15-127	303.58	306.63	3.05	2.57	84.26%	1.47	48.20%												
A-15-127	306.63	308.46	1.83	1.72	93.99%	0.92	50.27%												
A-15-127	308.46	310.90	2.44	2.01	82.38%	1.22	50.00%	1					1						
A-15-127	310.90	313.94	3.04	2.87	94.41%	1.42	46.71%	1		1									
A-15-127	313.94	317.00	3.06	2.35	76.80%	0.85	27.78%												
A-15-127	317.00	318.82	1.82	1.64	90.11%	1.26	69.23%												
A-15-127	318.82	321.87	3.05	2.96	97.05%	1.95	63.93%												
A-15-127	321.87	323.70	1.83	1.55	84.70%	0.65	35.52%												
A-15-127	323.70	325.53	1.83	1.67	91.26%	0.63	34.43%	1			1								
A-15-127	325.53	328.57	3.04	2.79	91.78%	2.03	66.78%	2	1		1								
A-15-127	328.57	329.18	0.61	0.79	129.51%	0.79	129.51%												
A-15-127	329.18	332.23	3.05	2.93	96.07%	2.05	67.21%	>100	>100										
A-15-127	332.23	333.76	1.53	1.3	84.97%	0.57	37.25%												
A-15-127	333.76	335.28	1.52	1.1	72.37%	0.47	30.92%												
A-15-127	335.28	336.80	1.52	1.15	75.66%	0.52	34.21%	1			1								
A-15-127	336.80	337.72	0.92	0.71	77.17%	0	0.00%												
A-15-127	337.72	338.33	0.61	0.45	73.77%	0	0.00%												
A-15-127	338.33	339.55	1.22	0.71	58.20%	0	0.00%												
A-15-127	339.55	340.16	0.61	0.56	91.80%	0	0.00%												
A-15-127	340.16	340.77	0.61	0.32	52.46%	0	0.00%												
A-15-127	340.77	342.60	1.83	0.98	53.55%	0	0.00%												
A-15-127	342.60	343.81	1.21	1.01	83.47%	0	0.00%												
A-15-127	343.81	344.73	0.92	0.44	47.83%	0	0.00%												
A-15-127	344.73	345.64	0.91	0.42	46.15%	0	0.00%												
A-15-127	345.64	346.25	0.61	0.67	109.84%	0	0.00%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	346.25	346.86	0.61	0.52	85.25%	0	0.00%												
A-15-127	346.86	347.78	0.92	0.41	44.57%	0	0.00%												
A-15-127	347.78	348.39	0.61	0.48	78.69%	0	0.00%												
A-15-127	348.39	349.00	0.61	0.43	70.49%	0	0.00%												
A-15-127	349.00	349.30	0.30	0.07	23.33%	0	0.00%												
A-15-127	349.30	350.22	0.92	0.65	70.65%	0	0.00%												
A-15-127	350.22	350.82	0.60	0.44	73.33%	0	0.00%												
A-15-127	350.82	351.74	0.92	0.76	82.61%	0	0.00%												
A-15-127	351.74	352.04	0.30	0.27	90.00%	0	0.00%												
A-15-127	352.04	352.65	0.61	0.43	70.49%	0	0.00%												
A-15-127	352.65	353.57	0.92	0.69	75.00%	0	0.00%												
A-15-127	353.57	354.48	0.91	0.48	52.75%	0	0.00%												
A-15-127	354.48	355.40	0.92	0.53	57.61%	0	0.00%												
A-15-127	355.40	356.62	1.22	0.23	18.85%	0	0.00%												
A-15-127	356.62	359.36	2.74	1.9	69.34%	0.34	12.41%												
A-15-127	359.36	362.41	3.05	2.69	88.20%	1.74	57.05%												
A-15-127	362.41	363.63	1.22	0.43	35.25%	0.17	13.93%												
A-15-127	363.63	364.54	0.91	0.7	76.92%	0	0.00%												
A-15-127	364.54	365.46	0.92	0.85	92.39%	0	0.00%												
A-15-127	365.46	365.76	0.30	0.19	63.33%	0	0.00%												
A-15-127	365.76	366.67	0.91	0.59	64.84%	0.14	15.38%												
A-15-127	366.67	367.28	0.61	0.44	72.13%	0	0.00%												
A-15-127	367.28	368.81	1.53	1.31	85.62%	0.83	54.25%												
A-15-127	368.81	370.03	1.22	1.06	86.89%	0.43	35.25%												
A-15-127	370.03	370.94	0.91	0.7	76.92%	0	0.00%												
A-15-127	370.94	371.86	0.92	0.75	81.52%	0.55	59.78%												
A-15-127	371.86	373.38	1.52	1.32	86.84%	0.97	63.82%												
A-15-127	373.38	373.99	0.61	0.32	52.46%	0	0.00%												
A-15-127	373.99	374.90	0.91	0.65	71.43%	0	0.00%												
A-15-127	374.90	376.12	1.22	1.27	104.10%	0.23	18.85%	2	1		1								
A-15-127	376.12	377.04	0.92	0.59	64.13%	0	0.00%	1				1							
A-15-127	377.04	378.26	1.22	1.06	86.89%	0	0.00%												
A-15-127	378.26	379.78	1.52	1.51	99.34%	0.51	33.55%	1	1										
A-15-127	379.78	380.09	0.31	0.3	96.77%	0	0.00%												
A-15-127	380.09	382.52	2.43	2.04	83.95%	1.28	52.67%	1		1									
A-15-127	382.52	385.57	3.05	2.96	97.05%	2.39	78.36%	7	7										
A-15-127	385.57	386.49	0.92	0.91	98.91%	0.11	11.96%												
A-15-127	386.49	387.71	1.22	0.79	64.75%	0.19	15.57%												
A-15-127	387.71	389.23	1.52	1.5	98.68%	1.04	68.42%	2		1	1								
A-15-127	389.23	389.84	0.61	0.55	90.16%	0.16	26.23%												
A-15-127	389.84	391.06	1.22	0.97	79.51%	0.4	32.79%												
A-15-127	391.06	392.28	1.22	0.54	44.26%	0.15	12.30%												
A-15-127	392.28	392.89	0.61	0.35	57.38%	0.11	18.03%	3	3										
A-15-127	392.89	394.11	1.22	1.09	89.34%	0.24	19.67%												
A-15-127	394.11	395.33	1.22	1.14	93.44%	0.11	9.02%												
A-15-127	395.33	398.07	2.74	2.7	98.54%	0.72	26.28%												
A-15-127	398.07	399.29	1.22	1.26	103.28%	0.25	20.49%												
A-15-127	399.29	401.15	1.86	1.52	81.72%	0.42	22.58%												
A-15-127	401.15	402.95	1.80	1.89	105.00%	1.28	71.11%												
A-15-127	402.95	404.77	1.82	1.83	100.55%	0.21	11.54%												
A-15-127	404.77	405.69	0.92	0.75	81.52%	0	0.00%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	405.69	406.91	1.22	1.28	104.92%	0	0.00%												
A-15-127	406.91	408.34	1.43	1.5	104.90%	0.4	27.97%												
A-15-127	408.34	410.57	2.23	2.2	98.65%	0.66	29.60%												
A-15-127	410.57	413.00	2.43	2.33	95.88%	0.52	21.40%	2	1	1									
A-15-127	413.00	414.53	1.53	1.47	96.08%	0.13	8.50%												
A-15-127	414.53	416.63	2.10	1.92	91.43%	0.54	25.71%												
A-15-127	416.36	419.40	3.04	2.97	97.70%	2.11	69.41%												
A-15-127	419.40	421.54	2.14	2	93.46%	1.37	64.02%												
A-15-127	421.54	423.06	1.52	1.73	113.82%	1.63	107.24%												
A-15-127	423.06	426.11	3.05	3.02	99.02%	2.16	70.82%												
A-15-127	426.11	428.85	2.74	2.9	105.84%	2.55	93.07%	1				1							
A-15-127	428.85	431.90	3.05	3.02	99.02%	3.02	99.02%												
A-15-127	431.90	434.34	2.44	2.29	93.85%	2.24	91.80%												
A-15-127	434.34	435.86	1.52	1.52	100.00%	1.48	97.37%												
A-15-127	435.86	438.30	2.44	2.47	101.23%	2.2	90.16%												
A-15-127	438.30	441.05	2.75	2.8	101.82%	1.86	67.64%												
A-15-127	441.05	443.48	2.43	2.01	82.72%	1.7	69.96%												
A-15-127	443.48	446.53	3.05	3.05	100.00%	1.6	52.46%	2				1	1						
A-15-127	446.53	448.67	2.14	2.04	95.33%	1.57	73.36%	1			1								
A-15-127	448.67	451.41	2.74	2.71	98.91%	1.19	43.43%	1			1								
A-15-127	451.41	454.46	3.05	3.02	99.02%	1.37	44.92%	2		1	1								
A-15-127	454.46	456.29	1.83	1.78	97.27%	1.13	61.75%	9	5	3	1								
A-15-127	456.29	460.25	3.96	3.95	99.75%	3.46	87.37%	5	1	4									
A-15-127	460.25	463.30	3.05	3.01	98.69%	2.55	83.61%	1			1								
A-15-127	463.30	466.34	3.04	3.08	101.32%	2.44	80.26%	7	5	1			1						
A-15-127	466.34	469.39	3.05	2.91	95.41%	1.46	47.87%												
A-15-127	469.39	472.44	3.05	3.23	105.90%	2.09	68.52%												
A-15-127	472.44	475.49	3.05	2.81	92.13%	1.68	55.08%	3	2				1						
A-15-127	475.49	478.53	3.04	2.98	98.03%	2.18	71.71%	7	6		1								
A-15-127	478.53	481.28	2.75	2.69	97.82%	1.38	50.18%												
A-15-127	481.28	483.41	2.13	2.02	94.84%	1.89	88.73%	5	5										
A-15-127	483.41	486.46	3.05	3.11	101.97%	2.45	80.33%	2	2										
A-15-127	486.46	489.20	2.74	2.5	91.24%	2	72.99%	1			1								
A-15-127	489.20	490.73	1.53	1.7	111.11%	0.72	47.06%												
A-15-127	490.73	492.56	1.83	1.9	103.83%	0.52	28.42%	2	1		1								
A-15-127	492.56	494.08	1.52	1.35	88.82%	0.76	50.00%	1			1								
A-15-127	494.08	496.52	2.44	2.51	102.87%	1.66	68.03%	9	7	2									
A-15-127	496.52	498.04	1.52	1.36	89.47%	0.48	31.58%												
A-15-127	498.04	500.18	2.14	2.1	98.13%	0.93	43.46%	3	3										
A-15-127	500.18	501.70	1.52	1.55	101.97%	1.35	88.82%	1				1							
A-15-127	501.70	503.53	1.83	1.71	93.44%	1.35	73.77%												
A-15-127	503.53	505.66	2.13	2.25	105.63%	1.81	84.98%	6	4	1			1						
A-15-127	505.66	508.10	2.44	2.51	102.87%	1.71	70.08%	2		2									
A-15-127	508.10	509.93	1.83	1.55	84.70%	1.14	62.30%												
A-15-127	509.93	512.06	2.13	2.57	120.66%	1.31	61.50%												
A-15-127	512.06	515.11	3.05	3.05	100.00%	2.51	82.30%	2		1		1							
A-15-127	515.11	518.16	3.05	2.54	83.28%	2.32	76.07%												
A-15-127	518.16	521.21	3.05	2.96	97.05%	1.45	47.54%	2		2									
A-15-127	521.21	524.26	3.05	3.18	104.26%	1.85	60.66%	3		1	2								
A-15-127	524.26	527.30	3.04	3.02	99.34%	0.94	30.92%	5	4	1									
A-15-127	527.30	530.35	3.05	3	98.36%	1.23	40.33%	2	1			1							

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	530.35	533.40	3.05	2.96	97.05%	2.61	85.57%												
A-15-127	533.40	536.45	3.05	2.71	88.85%	2.41	79.02%												
A-15-127	536.45	538.28	1.83	1.94	106.01%	1.7	92.90%	1		1									
A-15-127	538.28	541.32	3.04	2.86	94.08%	2.67	87.83%	1	1										
A-15-127	541.32	543.76	2.44	2.64	108.20%	2.48	101.64%												
A-15-127	543.76	545.90	2.14	2.18	101.87%	1.93	90.19%												
A-15-127	545.90	547.42	1.52	1.65	108.55%	0.94	61.84%												
A-15-127	547.42	550.16	2.74	2.61	95.26%	2.25	82.12%												
A-15-127	550.16	553.21	3.05	3.05	100.00%	2.61	85.57%	1		1									
A-15-127	553.21	556.26	3.05	3.05	100.00%	2.91	95.41%	7	6		1								
A-15-127	556.26	557.78	1.52	1.55	101.97%	1.22	80.26%												
A-15-127	557.78	560.83	3.05	2.89	94.75%	2.82	92.46%	3	1		1		1						
A-15-127	560.83	562.36	1.53	1.63	106.54%	1.45	94.77%												
A-15-127	562.36	564.79	2.43	2.16	88.89%	2.11	86.83%	20	17	2		1							
A-15-127	564.79	566.93	2.14	2.26	105.61%	2.11	98.60%	1		1									
A-15-127	566.93	569.98	3.05	3.14	102.95%	2.71	88.85%	2	1		1								
A-15-127	569.98	572.41	2.43	2.46	101.23%	2.33	95.88%												
A-15-127	572.41	576.07	3.66	3.52	96.17%	2.43	66.39%	7	5	1	1								
A-15-127	576.07	579.12	3.05	2.79	91.48%	1.63	53.44%	2	2										
A-15-127	579.12	582.17	3.05	3.05	100.00%	2.7	88.52%												
A-15-127	582.17	585.22	3.05	3.14	102.95%	3.02	99.02%	5	5										
A-15-127	585.22	588.26	3.04	2.81	92.43%	2.26	74.34%	5	4	1									
A-15-127	588.26	591.31	3.05	3.1	101.64%	2.89	94.75%	1			1								
A-15-127	591.31	594.36	3.05	3.04	99.67%	2.72	89.18%	1		1									
A-15-127	594.36	597.41	3.05	3.07	100.66%	2.92	95.74%	1			1								
A-15-127	597.41	600.46	3.05	3.06	100.33%	3	98.36%												
A-15-127	600.46	601.98	1.52	1.53	100.66%	0.35	23.03%												
A-15-127	601.98	603.81	1.83	1.73	94.54%	1.26	68.85%	2	2										
A-15-127	603.81	605.03	1.22	1.23	100.82%	1.03	84.43%												
A-15-127	605.03	607.77	2.74	2.43	88.69%	2.43	88.69%	2		2									
A-15-127	607.77	609.60	1.83	2.07	113.11%	1.99	108.74%	3	2	1									
A-15-127	609.60	612.65	3.05	3.12	102.30%	3	98.36%	10	9	1		1							
A-15-127	612.65	615.70	3.05	2.98	97.70%	2.6	85.25%												
A-15-127	615.70	618.74	3.04	3.04	100.00%	2.92	96.05%	4	4										
A-15-127	618.74	621.79	3.05	2.99	98.03%	2.55	83.61%	8	7	1									
A-15-127	621.79	624.54	2.75	2.8	101.82%	2.69	97.82%							8	3	3		2	
A-15-127	624.54	627.58	3.04	3.04	100.00%	2.92	96.05%	1					1	10	9	1			
A-15-127	627.58	630.94	3.36	3.35	99.70%	3.19	94.94%	1				1		17	12	3	2		
A-15-127	630.94	633.98	3.04	3	98.68%	3	98.68%							8	4	2	2		
A-15-127	633.98	637.03	3.05	3.05	100.00%	3.04	99.67%	11	9	2				5	2	3			
A-15-127	637.03	640.08	3.05	2.97	97.38%	2.61	85.57%	2	2					5	1	3	1		
A-15-127	640.08	643.13	3.05	2.98	97.70%	2.76	90.49%	1			1			2	2				
A-15-127	643.13	646.18	3.05	3.01	98.69%	2.9	95.08%	1			1			1		1			
A-15-127	646.18	649.22	3.04	3.19	104.93%	3.11	102.30%	4	4					4	2	1	1		
A-15-127	649.22	652.27	3.05	2.97	97.38%	2.62	85.90%	2	1			1							
A-15-127	652.27	655.32	3.05	3.05	100.00%	3.05	100.00%	3	3										
A-15-127	655.32	658.37	3.05	2.99	98.03%	2.94	96.39%	4	4										
A-15-127	658.37	661.42	3.05	3.01	98.69%	2.94	96.39%	4	4					13	11	2			
A-15-127	661.42	664.46	3.04	3	98.68%	2.9	95.39%	3	2	1				25	13	12			
A-15-127	664.46	667.51	3.05	3.04	99.67%	3.02	99.02%	10	9	1				31	27	4			
A-15-127	667.51	670.56	3.05	3	98.36%	2.92	95.74%	12	9	2	1			23	19	4			

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-127	670.56	673.61	3.05	3.11	101.97%	2.8	91.80%	>50	>50	4									
A-15-127	673.61	676.66	3.05	3.02	99.02%	2.68	87.87%	>100											
A-15-127	676.66	679.70	3.04	3.18	104.61%	2.7	88.82%	>50											
A-15-127	679.70	682.75	3.05	3	98.36%	2.88	94.43%	>100											
A-15-127	682.75	685.80	3.05	3.04	99.67%	2.95	96.72%	3		3									
A-15-127	685.80	688.85	3.05	3.04	99.67%	3.04	99.67%												
A-15-127	688.85	691.90	3.05	3.02	99.02%	3.02	99.02%												
A-15-127	691.90	694.94	3.04	3.03	99.67%	3.03	99.67%												
A-15-127	694.94	697.99	3.05	3.02	99.02%	3.02	99.02%												
A-15-127	697.99	701.04	3.05	3.01	98.69%	3.01	98.69%												
A-15-127	701.04	704.09	3.05	3.04	99.67%	1.49	48.85%												
A-15-127	704.09	707.14	3.05	3.05	100.00%	3.01	98.69%												
A-15-127	707.14	710.18	3.04	2.98	98.03%	2.76	90.79%												
A-15-127	710.18	713.23	3.05	2.83	92.79%	2.23	73.11%												
A-15-127	713.23	716.28	3.05	2.86	93.77%	2.69	88.20%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

TSX-V:CZX
CANADA ZINC METALS CORP.

Akie Property

Drill Hole #A-15-128

Date	September 2nd, 2015	Logger	P.McLaughlin

Collar Orientation

Proposed	
Azimuth	30
Dip	-84
Length (m)	715

Actual	
Azimuth	30
Dip	-84
Length (m)	137.47

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360101
Easting (m)	388660
Elevation (m)	1429
Grid Section	3375

Surveyed Collar Location

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

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ and NQ (from m)
Date Started	August 31st, 2015
Date Completed	September 2nd, 2015
Capped	No.
Casing	No.
Drilled Units	Feet (converted to m at drill)

Hole Objective: This hole is designed to test the SE down plunge extension of high grade mineralisation of the deposit envelope. The intended target is approximdately 75-85 down dip of A-07-43. This hole was drilled from Pad 12

Comments: The magnetic declination for 2015 is 19.3 deg East.

Survey

Type		
Dist (m)	Azi	Dip
0	30	-84
14.02	43.7	-84.2
47.55	31	-81.4
93.27	27.3	-77.7

Hole Summary: Hole was abandoned due to excessive shallowing within the first 100m. Drill moved moved slightly and steepend to -86°.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-128	0.00	6.10	6.1	Overburden	Casing/Overburden	CS		CS
A-15-128	6.10	32.00	25.90	Competent black predominantly massive siliceous mudstone	Scattered thing mm scale silty laminations. Mineralised with 1-2% very finely disseminated brassy yellow pyrite. Bedding and cleavage are parallel at approximately 40-45tca°	4SH		GSF
A-15-128	32.00	55.85	23.85	Black mud supported fragmental unit interbedded with nodular barite	Black, siliceous mud supported fragmental shale unit composed of 10-15% variably sized (sub-cm to 12cm thick, angular to subrounded fragments. Fragments range in composition from grey to black mudstone, grey siltystone, well laminated limestone and hybrid/composite fragments of multiple variations. Black to grey shale and silty fragments comprise the majority of fine fragments and bedded silty limestone and composite/hybrid fragments comprise the coarse variations. The fragmental/shale beds are interbedded with laminations of very fine to fine nodular barite. Baritic laminations exhibit localised folding. Cleavage and bedding planes are near parallel throughout and ranges from 30-50°tca.	4FSH	4BSH	GSF
A-15-128	55.85	63.13	7.28	Black, very siliceous mudstone with fine disseminated fine nodular barite.	Thickly bedded, black, generally featureless/massive very fine siliceous mudstone. Unit contains up to 7% finely disseminated dull white nodular barite with brassy yellow pyritic core. There are no bedding features visible. Barite increases in fineness downhole (potential grading?).	4SH	4BSH	GSF
A-15-128	63.13	137.47	74.34	Black, very fine, thickly bedded siliceous shale.	Typical black, very fine, siliceous, thickly bedded siliceous Gunsteel shale/mudstone. 2% very finely disseminated brassy yellow pyrite. Scattered 20-30cm concretions. Local thick fault zone (see structure tab). An increase with up to 7% finely laminated silt/grey mud towards base of unit. Cleavage is relatively consistent and ranges from 30-45°tca.	4SH		GSF
		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

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-128	10.21	10.22	0.01	bedding	BDG	18
A-15-128	11.35	11.36	0.01	cleavage	CLV	42
A-15-128	14.42	14.43	0.01	cleavage	CLV	38
A-15-128	16.75	16.76	0.01	cleavage	CLV	46
A-15-128	19.65	19.66	0.01	bedding	BDG	39
A-15-128	21.5	21.51	0.01	cleavage	CLV	40
A-15-128	24.35	24.36	0.01	fine silty laminations	BDG	39
A-15-128	25.85	25.86	0.01	cleavage	CLV	44
A-15-128	26.95	26.96	0.01	fine silty laminations	BDG	45
A-15-128	29.75	29.76	0.01	cleavage	CLV	48
A-15-128	29.81	29.82	0.01	fine silty laminations	BDG	44
A-15-128	32.05	32.06	0.01	cleavage	CLV	38
A-15-128	34.18	34.19	0.01	fine nodular barite laminations	BDG	46
A-15-128	36.65	36.66	0.01	cleavage	CLV	51
A-15-128	37.97	37.98	0.01	fine nodular barite laminations	BDG	43
A-15-128	38.92	38.93	0.01	cleavage	CLV	41
A-15-128	40.35	40.36	0.01	fine nodular barite laminations	BDG	49
A-15-128	42	42.01	0.01	cleavage	CLV	50
A-15-128	45.75	45.76	0.01	cleavage	CLV	46
A-15-128	46.24	46.25	0.01	fragment and nodular barite bedding	BDG	44
A-15-128	47	47.01	0.01	cleavage	CLV	45
A-15-128	51.1	51.11	0.01	weak silty laminations	BDG	43
A-15-128	54.01	54.02	0.01	cleavage	CLV	34
A-15-128	54.38	54.39	0.01	weak silty laminations	BDG	34
A-15-128	56.35	56.36	0.01	cleavage	CLV	41
A-15-128	60.49	60.5	0.01	cleavage	CLV	40
A-15-128	63.25	63.26	0.01	cleavage	CLV	46
A-15-128	68.75	68.76	0.01	cleavage	CLV	50
A-15-128	72.1	72.11	0.01	cleavage	CLV	31
A-15-128	75.15	75.16	0.01	cleavage	CLV	36
A-15-128	77.92	77.93	0.01	cleavage	CLV	42
A-15-128	80.88	80.89	0.01	cleavage	CLV	51
A-15-128	84.23	84.24	0.01	cleavage	CLV	49
A-15-128	87.27	87.28	0.01	cleavage	CLV	41
A-15-128	90.14	90.15	0.01	cleavage	CLV	50
A-15-128	91.73	101.96	10.23	fault zone characterized by predominantly angular rubble and localized 10cm thick gouge. A 20cm gouge also occurs at the very bsae of interval	FLT	
A-15-128	103.27	103.28	0.01	cleavage in massive shale	CLV	39
A-15-128	105.46	105.47	0.01	cleavage in massive shale	CLV	47
A-15-128	110.18	110.19	0.01	cleavage in massive shale	CLV	39
A-15-128	116.24	116.25	0.01	cleavage in massive shale	CLV	43
A-15-128	120.74	120.75	0.01	cleavage in massive shale	CLV	37
A-15-128	124.5	124.51	0.01	cleavage in massive shale	CLV	39

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-128	125.22	125.26	0.01	faint silty beds in massive shale	BDG	30
A-15-128	126.72	126.73	0.01	cleavage	CLV	37
A-15-128	129.07	129.08	0.01	silty laminations	BDG	32
A-15-128	132.25	132.26	0.01	cleavage	CLV	35
A-15-128	135.91	135.92	0.01	silty laminations	BDG	33
A-15-128	137.31	137.32	0.01	cleavage	CLV	35

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

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments	
A-15-128	0		30	-84			Y	Collar	
A-15-128	14.02	24.4	43.7	-84.2	5719	Reflex	Y	stionable azimuth	
A-15-128	47.55	11.7	31	-81.4	5706	Reflex	Y	good test	
A-15-128	93.27	8	27.3	-77.7	5712	Reflex	Y		

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-128	6.1	7.92	1.82	0.95	52.20%	0	0.00%												
A-15-128	7.92	10.97	3.05	1.88	61.64%	0.13	4.26%												
A-15-128	10.97	14.02	3.05	2.52	82.62%	0.6	19.67%	1				1							
A-15-128	14.02	17.07	3.05	3.02	99.02%	1.56	51.15%												
A-15-128	17.07	20.12	3.05	3.05	100.00%	1.91	62.62%												
A-15-128	20.12	23.17	3.05	3	98.36%	0.67	21.97%												
A-15-128	23.17	26.21	3.04	2.5	82.24%	1.56	51.32%												
A-15-128	26.21	29.26	3.05	2.85	93.44%	1.66	54.43%												
A-15-128	29.26	32.31	3.05	3.11	101.97%	0.98	32.13%												
A-15-128	32.31	35.36	3.05	2.55	83.61%	0.26	8.52%												
A-15-128	35.36	38.41	3.05	3.12	102.30%	1.88	61.64%												
A-15-128	38.41	41.45	3.04	2.99	98.36%	1.4	46.05%	1			1								
A-15-128	41.45	44.50	3.05	3.02	99.02%	0.84	27.54%												
A-15-128	44.50	47.55	3.05	2.99	98.03%	0.7	22.95%												
A-15-128	47.55	50.60	3.05	2.73	89.51%	0.99	32.46%	1			1								
A-15-128	50.60	53.65	3.05	2.82	92.46%	0.93	30.49%	1					1						
A-15-128	53.65	56.69	3.04	3.02	99.34%	1.88	61.84%												
A-15-128	56.69	59.74	3.05	2.87	94.10%	2.09	68.52%												
A-15-128	59.74	62.79	3.05	2.93	96.07%	2.33	76.39%												
A-15-128	62.79	65.84	3.05	3	98.36%	1.61	52.79%												
A-15-128	65.84	68.89	3.05	3.06	100.33%	0.75	24.59%												
A-15-128	68.89	71.93	3.04	2.89	95.07%	2.28	75.00%	1					1						
A-15-128	71.93	74.98	3.05	3.07	100.66%	2.85	93.44%												
A-15-128	74.98	78.03	3.05	2.93	96.07%	1.78	58.36%												
A-15-128	78.03	81.08	3.05	3.02	99.02%	2.59	84.92%												
A-15-128	81.08	84.13	3.05	2.69	88.20%	0.62	20.33%												
A-15-128	84.13	87.17	3.04	2.84	93.42%	1.48	48.68%												
A-15-128	87.17	90.22	3.05	2.56	83.93%	0.76	24.92%	1					1						
A-15-128	90.22	93.27	3.05	3	98.36%	0.82	26.89%												
A-15-128	93.27	96.32	3.05	2.44	80.00%	0.3	9.84%	1					1						
A-15-128	96.32	99.37	3.05	2.99	98.03%	0.66	21.64%												
A-15-128	99.37	102.41	3.04	3.12	102.63%	1.22	40.13%												
A-15-128	102.41	105.46	3.05	3.03	99.34%	1.45	47.54%												
A-15-128	105.46	108.51	3.05	3.1	101.64%	2.4	78.69%												
A-15-128	108.51	111.56	3.05	2.96	97.05%	2.72	89.18%												
A-15-128	111.56	114.61	3.05	3.02	99.02%	2.63	86.23%												
A-15-128	114.61	117.65	3.04	2.95	97.04%	2.52	82.89%												
A-15-128	117.65	120.70	3.05	2.88	94.43%	2.4	78.69%												
A-15-128	120.70	123.75	3.05	2.81	92.13%	2.1	68.85%												
A-15-128	123.75	126.80	3.05	2.93	96.07%	1.29	42.30%												
A-15-128	126.80	129.85	3.05	3.21	105.25%	1.74	57.05%	1					1						
A-15-128	129.85	132.89	3.04	2.9	95.39%	1.53	50.33%												
A-15-128	132.89	135.94	3.05	2.92	95.74%	2.34	76.72%												
A-15-128	135.94	137.47	1.53	1.46	95.42%	1.07	69.93%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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
STRUCTURES		
FOL		Foliation plane
BDG		Bedding plane
FLT		Fault
BRX		Breccia
FA		Fold Axis-general
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-15-129

Date	September 4th, 2015	Logger	P.McLaughlin

TSX-V:CZX

CANADA ZINC METALS CORP.

Collar Orientation

Proposed	
Azimuth	30
Dip	-84
Length (m)	715

Actual	
Azimuth	30
Dip	-86
Length (m)	119.48

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360101
Easting (m)	388660
Elevation (m)	1429
Grid Section	3375

Surveyed Collar Location

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

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ and NQ (from m)
Date Started	September 2nd, 2015
Date Completed	September 4th, 2015
Capped	Yes
Casing	Yes (4.57m)
Drilled Units	Feet (converted to m at drill)

Hole Objective: This hole is designed to test the SE down plunge extension of high grade mineralisation of the deposit envelope. The intended target is approximdately 75-85 down dip of A-07-43

Comments: The magnetic declination for 2015 is 19.3 deg East. This hole was drilled from Pad 12 and the two initial attempts of A-15-128 and A-15-129 failed. Collar was steepend to -86 to overcompensate for deviation.

Survey

Type	Reflex EZ shot	
Dist (m)	Azi	Dip
0	30	-86
14.02	53.4 (na)	-86.4
41.76	37	-84.1
72.24	25.9	-81.2
105.77	21.2	-78.4
102.71	39.4 (na)	-82.1
114.91	21.3	-78

Hole Summary: Hole was abandoned due to excessive shallowing within the first 100m.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-129	0.00	4.57	6.1	Overburden	Casing/Overburden	CS		CS
A-15-129	4.57	32.31	27.74	Competent black predominantly massive siliceous mudstone	Black, very fine siliceous mudstone. Scattered thin mm scale silty laminations. Mineralised with 1-2% very finely disseminated brassy yellow pyrite. Bedding and cleavage are parallel at approximately 40-45tca°	4SH		GSF
A-15-129	32.31	57.31	25.00	Black mud supported fragmental unit interbedded with nodular barite	Black, siliceous mud supported fragmental shale unit composed of 10% variably sized (sub-cm to 10 cm thick, angular to rounded fragments. Fragments range in composition from grey to black mudstone, grey siltstone, and rare laminated limestone. Black to grey shale and silty fragments comprise the majority of fragments. The fragmental/shale beds are interbedded with disseminated to poorly laminations very fine to fine nodular barite(<5%). Baritic laminations are locally folded. Cleavage and bedding planes are near parallel throughout and ranges from 35-50°tca.	4FSH	4BSH	GSF
A-15-129	57.31	66.34	9.03	Black, very siliceous mudstone with fine disseminated fine nodular barite.	Thickly bedded, black, generally featureless/massive very fine siliceous mudstone. Unit contains up to 7% finely disseminated dull white nodular barite with brassy yellow pyritic core. There are no bedding features visible. Barite increases in fineness downhole (potential grading?).	4SH	4BSH	GSF
A-15-129	66.34	119.48	53.14	Black, massive, siliceous shale	Typical black, thickly bedded, massive, siliceous Gunsteel shale. 1 finely disseminated brassy yellow pyrite. 1-2% mm scale quartz veinlets oriented in one semi-dominant direction. Scattered 20-50cm black-grey concretions.	4SH		GSF
	119.48	**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

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-129	8.75	8.76	0.01	bedding	BDG	35
A-15-129	11.48	11.49	0.01	cleavage	CLV	47
A-15-129	13.01	13.02	0.01	bedding	BDG	39
A-15-129	17.49	17.5	0.01	cleavage	CLV	47
A-15-129	20.72	20.73	0.01	bedding	BDG	44
A-15-129	24.85	24.86	0.01	cleavage	CLV	39
A-15-129	26.68	26.69	0.01	bedding	BDG	44
A-15-129	29.2	29.21	0.01	cleavage	CLV	35
A-15-129	30.17	30.18	0.01	faint silty laminations	BDG	42
A-15-129	32.71	32.72	0.01	cleavage	CLV	48
A-15-129	37.16	37.17	0.01	bedding of laminated barite	BDG	51
A-15-129	38.28	38.29	0.01	cleavage	CLV	42
A-15-129	39.08	39.09	0.01	bedding in fragmental shale	BDG	43
A-15-129	41.36	41.37	0.01	cleavage	CLV	38
A-15-129	44.37	44.38	0.01	bedding in fragmental shale	BDG	36
A-15-129	46.11	46.12	0.01	cleavage	CLV	37
A-15-129	48.05	48.06	0.01	brassy yellow pyritic laminations	BDG	47
A-15-129	49.21	49.22	0.01	bedding in fragmental shale	BDG	48
A-15-129	49.49	49.61	0.12	thin rubbly fault zone	FLT	49
A-15-129	50.4	50.41	0.01	cleavage	CLV	43
A-15-129	53.75	53.76	0.01	bedding in fragmental shale	BDG	34
A-15-129	54.45	54.46	0.01	cleavage	CLV	43
A-15-129	57.58	57.59	0.01	very faint bedding in fine nodular barite	BDG	33
A-15-129	59.78	59.79	0.01	cleavage	CLV	28
A-15-129	61.5	61.51	0.01	very faint bedding in fine nodular barite	BDG	44
A-15-129	63.04	63.05	0.01	cleavage	CLV	38
A-15-129	65.81	65.82	0.01	cleavage	CLV	33
A-15-129	69.46	69.47	0.01	cleavage	CLV	37
A-15-129	72.35	72.36	0.01	cleavage	CLV	30
A-15-129	72.62	72.63	0.01	very faint brassy yellow pyritic laminations	BDG	33
A-15-129	75.32	75.33	0.01	cleavage	CLV	51
A-15-129	80.07	80.08	0.01	cleavage	CLV	44
A-15-129	82.92	108.81	25.89	weakly developed fault/fracture zone with angular rubble. No gouge developed. Multiple fracture angles. Dominant cleavage remains approximately 45-50°tca	FLT	50
A-15-129	87.38	87.48	0.01	cleavage	CLV	48
A-15-129	89.01	89.02	0.01	low angle bedding fine silty laminations associated with brassy yellow pyrite. Localized bedding change.	BDG	14
A-15-129	93.57	93.58	0.01	cleavage	CLV	42
A-15-129	98.25	99.26	0.01	cleavage	CLV	39
A-15-129	105.67	105.68	0.01	cleavage	CLV	40
A-15-129	108.11	108.12	0.01	cleavage	CLV	44
A-15-129	111.66	111.67	0.01	cleavage	CLV	33
A-15-129	114.91	114.92	0.01	cleavage	CLV	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-129	117.95	117.96	0.01	cleavage	CLV	44

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

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments	
A-15-129	0		30	-86			yes	Collar	
A-15-129	14.02	35.1	53.4	-86.4	5865	Reflex	Half	Azi not accepted	
A-15-129	41.76	17.7	37	-84.1	5736	Reflex	yes		
A-15-129	72.24	6.6	25.9	-81.2	5741	Reflex	yes		
A-15-129	105.77	1.9	21.2	-78.4	5733	Reflex	yes		
A-15-129	102.71	20.1	39.4	-82.1	6429	Reflex	Half	Azi not accepted	
A-15-129	114.91	2	21.3	-78	5739	Reflex	yes		

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-129	4.57	8.23	3.66	1.24	33.88%	0	0.00%												
A-15-129	8.23	11.28	3.05	2.54	83.28%	0.33	10.82%												
A-15-129	11.28	14.33	3.05	2.71	88.85%	1.55	50.82%	2					2						
A-15-129	14.33	17.37	3.04	3.05	100.33%	2.15	70.72%												
A-15-129	17.37	20.42	3.05	3.14	102.95%	1.55	50.82%												
A-15-129	20.42	23.47	3.05	2.5	81.97%	0.91	29.84%												
A-15-129	23.47	26.52	3.05	2.57	84.26%	1.47	48.20%	1					1						
A-15-129	26.52	29.57	3.05	3.2	104.92%	1.67	54.75%												
A-15-129	29.57	32.61	3.04	2.88	94.74%	0.87	28.62%												
A-15-129	32.61	35.66	3.05	2.71	88.85%	1.17	38.36%												
A-15-129	35.66	38.71	3.05	3.01	98.69%	1.64	53.77%												
A-15-129	38.71	41.76	3.05	2.72	89.18%	1.61	52.79%	11	11										
A-15-129	41.76	44.81	3.05	2.96	97.05%	0.48	15.74%	2					2						
A-15-129	44.81	47.85	3.04	2.68	88.16%	0.63	20.72%												
A-15-129	47.85	50.90	3.05	2.87	94.10%	0.96	31.48%												
A-15-129	50.90	53.95	3.05	2.95	96.72%	0.82	26.89%												
A-15-129	53.95	57.00	3.05	2.94	96.39%	0.32	10.49%												
A-15-129	57.00	60.05	3.05	3	98.36%	2.05	67.21%												
A-15-129	60.05	63.09	3.04	2.99	98.36%	2.62	86.18%												
A-15-129	63.09	66.14	3.05	2.8	91.80%	2.11	69.18%												
A-15-129	66.14	69.19	3.05	2.87	94.10%	2.01	65.90%	1					1						
A-15-129	69.19	72.24	3.05	3.13	102.62%	2.4	78.69%												
A-15-129	72.24	75.29	3.05	2.6	85.25%	1.54	50.49%												
A-15-129	75.29	78.33	3.04	2.76	90.79%	1.61	52.96%	1					1						
A-15-129	78.33	81.38	3.05	3.2	104.92%	1.92	62.95%												
A-15-129	81.38	84.43	3.05	2.77	90.82%	0.83	27.21%												
A-15-129	84.43	87.48	3.05	2.55	83.61%	0.4	13.11%												
A-15-129	87.48	90.52	3.04	2.9	95.39%	0.85	27.96%	1					1						
A-15-129	90.52	93.57	3.05	2.53	82.95%	0.21	6.89%												
A-15-129	93.57	95.10	1.53	1.15	75.16%	0	0.00%												
A-15-129	95.10	96.62	1.52	1.82	119.74%	0.96	63.16%												
A-15-129	96.62	99.67	3.05	2.94	96.39%	0.74	24.26%												
A-15-129	99.67	102.72	3.05	2.9	95.08%	0.73	23.93%												
A-15-129	102.72	105.77	3.05	2.98	97.70%	0	0.00%												
A-15-129	105.77	108.81	3.04	2.45	80.59%	0	0.00%												
A-15-129	108.81	111.86	3.05	2.84	93.11%	2.22	72.79%												
A-15-129	111.86	114.91	3.05	2.93	96.07%	2.68	87.87%	1					1						
A-15-129	114.91	117.96	3.05	2.82	92.46%	2.02	66.23%												
A-15-129	117.96	119.48	1.52	1.72	113.16%	1.11	73.03%												

		AKIE LITHOLOGY LEGEND	
	LITHO CODE	**GROUP/FORMATION**	DESCRIPTION
	CS		CASING
	911		Missing core
	3SH	**AKIE FORMATION**	Shale
	3RB	**AKIE FORMATION**	Ribbon Bedded Cherts?
	3BX	**AKIE FORMATION**	Breccia
	3SS	**AKIE FORMATION**	Sandstone
	3SH	**AKIE FORMATION**	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
	3TS	**AKIE TRANSITION CONTACT**	Transitional between AKIE and Gunsteel light to medium grey soft shale
	2SST	**WARNEFORD FORMATION**	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
	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
	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

		AKIE LITHOLOGY LEGEND	
	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
	STRUCTURES		
	FOL		Foliation plane
	BDG		Bedding plane
	FLT		Fault
	BRX		Breccia
	FA		Fold Axis-general
	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**	

TSX-V:CZX

CANADA ZINC METALS CORP.

Akie Property

Drill Hole #A-15-130

Date	September 20th, 2015	Logger	P.McLaughlin/ S.Downler (from ~320m)

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360101
Easting (m)	388660
Elevation (m)	1429
Grid Section	3375

Surveyed Collar Location

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

Drilling Information

Contractor	Western Exploration Diamond Drilling
Core Size	HQ and NQ (from 422.76m)
Date Started	September 4th, 2015
Date Completed	September 21st, 2015
Capped	Yes
Casing	Yes
Drilled Units	Feet (converted to m at drill)

Collar Orientation

Proposed	
Azimuth	30
Dip	-84
Length (m)	715

Actual	
Azimuth	30
Dip	-86
Length (m)	690.08

Hole Objective: This hole is designed to test the SE down plunge extension of high grade mineralisation of the deposit envelope. The intended target is approximdately 75-85 down dip of A-07-43.

Comments: The magnetic declination for 2015 is 19.3 deg East. Drilled from Pad 12. 4th Attempt to drill from this set-up.

Survey

Type	Reflex EZ Shot	
Dist (m)	**Azi**	**Dip**
0	35	-86
17.37	69	-86.4
47.85	55.2	-85.9
66.14	44.7	-84.9
81.38	43.7	-84.6
108.8	41	-83.8
154.54	38.9	-82.6
200.26	36.3	-81.7
245.98	35	-82.1
291.7	38.6	-82
337.42	39.7	-81.8
383.14	38	-81.3
422.76	38.5	-81.1
462.39	42.6	-75.6
508.11	43.9	-73.8
553.83	41.3	-71.3
599.55	41.1	-70.4
648.32	41.2	-69.9
687.03	41.5	-69.2

Hole Summary: Drill hole A-15-130, the penultimate (good word!) drill hole of 2015 collared into a 12.8m wide interval of fragmental debris flow shale characterised by 1-10cm wide, angular to rounded fragments. The fragmental is interbedded with very fine grained, pyritic nodular barite and supported by Gunsteel mudstone. A 19.32m wide bed of siliceous, black mudstone separates the initial fragmental shale from the next interval of fragmental, baritic shale which continues from 36.69-63.55m. From 63.55-373.02m is a thick package composed predominantly of black, siliceous, very fine grained Gunsteel mudstone that contains 1% very fine grained disseminated pyrite. A few 1-3 meter wide intervals of very hard, grey chert can be found within this thick package of Gunsteel mudstone.

Stratigraphically above the distal pyrite mineralization from 373.03-385.7m is another instance of fragmental debris flow shale. This interval is distinct from previous fragmental intervals in that many clasts appear to be rounded, strongly pyrite replaced, concretions with carbonate pressure shadows (as seen in other holes). After an 18.3m wide interval of shale the first instance of distal pyrite/ nodular barite mineralisation is intersected. This interval is described as very fine grained, dull brown laminar pyrite interlaminated with less frequent, discontinuous, fine grained, 1-3mm sized, off white, pyritic nodular barite, and it continues from 404-422.45m. Two additional, thick occurrences of distal pyrite are intersected within 422.45-570.53m.

From 570.53-601m the lithology is dominantly proximal pyrite mineralisation, which is characterized by thickly bedded, dull brown, very fine grained laminar pyrite, interlaminated with a minor amount of fine grained, pyritic nodular barite and with rare thin bands of grey, very fine grained sphalerite.

The main zone of Cardiac Creek mineralisation extends from 601-626.38m. It is characterised as mainly very fine grained, grey sphalerite, interbedded with mottled grey-cream colored, sphalerite-quartz-carbonate-galena. Dull brown, very fine grained, laminar pyrite also forms a significant portion of the mineralised beds. Galena mineralisation is very fine grained, blue-grey, metallic and disseminated proximal to the mottled texture caused by quartz-carbonate. Overall, sphalerite mineralisation increases in frequency and thickness to the end of the interval. A large shale interbed from 626.38-637,43m separates the hanging wall Cardiac Creek zone from the 'footwall zone'. The footwall zone (637.43-640.22m) has abundant sphalerite mineralisation of similar character to that described previously, but it decreases in frequency downhole; laminar pyrite mineralisation increases.

At the last presence of sphalerite mineralisation a new laminar pyrite interval begins that is different than the proximal pyrite intersected above the Cardiac Creek zone. This laminar pyrite has high frequency of concretions and is interlaminated mudstone and very fine grained, dull brown pyrite.

Two small occurrences of a massive sulphide lens are intersected from 649.35-649.72m and 650.38m-650.67m. The massive sulphide lens consists of >90% fine grained brassy pyrite with intergranular white carbonate. This massive sulphide has replaced the matrix of the upper 3.85m of the Paul River Debris flow. Also in this interval the clasts are dominantly limestone.

From 654.52-680m the drill hole intersects a polylithic Paul River debris flow, composed of siltstone, mudstone, limestone and chert clasts supported by a very fine grained, black mudstone matrix. The matrix has been partially replaced by pyrite-carbonate in some locations. The hole ended in calcareous siltstone of the Road River Group at 690.08m

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-130	0.00	4.57	4.57	Overburden	Casing/Overburden	CS		CS
A-15-130	4.57	17.37	12.80	Black mud supported fragmental unit interbedded with nodular barite	Black, siliceous mud supported fragmental shale unit composed of 10% variably sized (sub-cm to 10 cm thick, angular to rounded fragments. Fragments range in composition from grey to black mudstone, grey siltstone, laminated and fossiliferous limestone. Black to grey shale and silty fragments comprise the majority of fragments. The fragmental/shale beds are interbedded with disseminated to poorly laminations very fine to fine nodular barite(<3%). Baritic laminations are predominantly planar and locally folded. Cleavage and bedding planes are near parallel throughout and ranges from 35-50°tca.	4FSH	4BSH	GSF
A-15-130	17.37	36.69	19.32	Competent black predominantly massive siliceous mudstone	Black, very fine siliceous mudstone. Scattered thin mm scale silty laminations. Mineralised with 1-2% very finely disseminated brassy yellow pyrite. Bedding and cleavage are parallel at approximately 40-45tca°	4SH		GSF
A-15-130	36.69	63.55	26.86	Black mud supported fragmental unit interbedded with nodular barite	Black, siliceous mud supported fragmental shale unit composed of 10% variably sized (sub-cm to 10 cm thick, angular to rounded fragments. Fragments range in composition from grey to black mudstone, grey siltstone, and rare laminated limestone. Black to grey shale and silty fragments comprise the majority of fragments. The fragmental/shale beds are interbedded with disseminated to poorly laminations very fine to fine nodular barite(<10%). Baritic laminations are locally folded. Cleavage and bedding planes are near parallel throughout and ranges from 35-50°tca.	4FSH	4BSH	GSF
A-15-130	63.55	73.86	10.31	Black, very siliceous mudstone with fine disseminated fine nodular barite.	Thickly bedded, black, generally featureless/massive very fine siliceous mudstone. Unit contains up to 7% finely disseminated (no laminations) dull white nodular barite with brassy yellow pyritic core. Barite is sub to 2mm. There are no bedding features visible, however locally barite maye exhibit very faint lamination directions. Barite increases in fineness downhole (potential grading?).	4SH	4BSH	GSF
A-15-130	73.86	159.57	85.71	Black, massive, siliceous mud	Black, very fine, thickly bedded/massive generally featureless, siliceous shale. 2-3% very finely disseminated brassy yellow pyrite. Cleavage is consistent and apprximately 25-40°tca. 1-2% mm scale quartz veinlets oriented parallel to sub-parallel to cleavage. Scattered 10-30cm calcareous concretions. Extensive and scattered faulting from 93-152.25m.	4SH		GSF
A-15-130	159.57	160.53	0.96	Black gey, very siliceous chert interbed	Dark grey-grey black, very fine, very siliceous chert interbed. Approximately 15-20% quartz and lesser carbonate veining. Fairly sharp upper and lower contact which are paralle to dominant cleavage/bedding @35-40°tca. 5-7% very finely disseminated brassy yellow pyrite.	4CSH		GSF
A-15-130	160.53	181.82	21.29	Black, massive, siliceous mudstone with scattered silty laminations	Black, very fine, thickly bedded/massive siliceous shale with highly scattered sub cm laminations of black grey silt. 2-3% very finely disseminated brassy yellow pyrite. Cleavage is consistent, parallel to bedding and approximately 20-25°tca. In massive shale sections cleavage increases to 35-45°tca. 1-2% mm scale quartz veinlets oriented parallel to sub-parallel to cleavage.	4SH		GSF
A-15-130	181.82	183.86	2.04	Black gey, very siliceous chert interbed	Dark grey-grey black, very fine, very siliceous chert interbed. 50% intense quartz and lesser carbonate veining mainly closer to upper and lower contacts. Upper contact is gradational and interlaminated with black mudstone and is oriented @35°tca. Lower contact is sharp and marked by veining and is @30°tca. 5-7% very finely disseminated brassy yellow pyrite.	4CSH		GSF
A-15-130	183.86	299.44	115.58	Black, massive, siliceous mudstone with abundant silty laminations	Similar to above separated 4CSH and a increase in silty laminations. Black, very fine, thickly bedded/massive siliceous shale with highly scattered sub cm laminations of black grey silt. 2-3% very finely disseminated brassy yellow pyrite. Cleavage is consistent, parallel to bedding and approximately 20-25°tca. In massive shale sections cleavage increases to 35-45°tca (and higher towards base of unit. 1-2% mm scale quartz veinlets oriented parallel to sub-parallel to cleavage. Honey-brown sphalerite within quartz-carbonate veins from 224.64-225.98m. There are a few cm sized, brassy, pyritic silt beds throughout the interval. Very fine grained, disseminated, dull brown - brassy, mm thick laminar pyrite beds (void of barite) begin following the fault zone that ends at 266.71m.	4SH		GSF
A-15-130	299.44	301.89	2.45	Cherty mudstone	Light grey, very siliceous, very fine grained, highly fractured cherty shale containing 1-2% medium grained, bright, brassy, cubic pyrite.White quartz-carbonate fracture infill stringer veining occurs throughout the interval. The upper contact is sharp, irregular and has a concentration of pyrite and quartz-carbonate veining. Irregular, possibly low angle, gradational lower contact becoming steadily less siliceous downhole.	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-130	301.89	306.61	4.72	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing minor very fine grained, disseminated pyrite and rare quartz-carbonate stringers. Commonly scattered throughout this interval of Gunsteel Shale are 3-10mm wide, oblong, rounded - sub-rounded, irregular - well formed pyritic "eyes" ---> possibly concretions with pressure shadows. Core is competent, with no distinct cleavage orientation.	4SH		GSF
A-15-130	306.61	307.90	1.29	Chert	Light grey, very siliceous, very fine grained - microcrystaline chert that is extremely fractured with white quartz-carbonate stringers and cut by ocassional veins oriented at 35-45 deg TCA. Core surface has frequent pitting caused by drill chattering. The upper contact is defined as the beggining of 1cm thick chert beds oriented at 15 deg TCA, and interbedded with strongly silicified, black mudstone. The main chert bed begins at 306.84m and is marked by an irregular 0.5cm wide quartz-carbonate vein and and abundant, medium grained, brassy pyrite. The lower contact is sharp and irregular. Fracture infill quartz-carbonate veining continues into the following shale inteval.	4CSH		GSF
A-15-130	307.90	335.14	27.24	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant vey fine grained, disseminated, brassy pyrite. 0.1-1.5cm wide, pyritic silte beds, oriented at 17-30 deg TCA are scattered throughout the interval. There are ocassional, very fine grained, dull brown - brassy beds of mm thick laminar pyrite, oriented at 17-25 deg TCA. From 323.5-325m there are a few white quartz-carbonate veinlets containing a minor amount of medium grained, honey brown sphalerite. From 325-325.15m is a mudstone bed containing many sub-cm sized concretions. Core becomes less competent towards the bottom of the interval and dominant cleavage is at 13-25 deg TCA	4SH		GSF
A-15-130	335.14	373.02	37.88	Weak, thin barite beds within siliceous, black mudstone	Discontinuous, off white, soft, 1-3mm wide, pyritic nodular barite is concentrated into beds that vary in thickness of .3-1.3cm in width and is hosted within black, siliceous, very fine grained mudstone. Nodular barite beds occur every 0.7-3.2m and are oriented at 12-30 deg TCA throughout. Rounded, grey, calcareous, pyritic .2-10cm wide concretions increase in frequency in association with nodular barite. Sporadically, there are minor very fine grained, brassy .1-1cm thick beds of laminar pyrite proximal to the weak nodular barite, but it is not of the same character as Akie's 4PYSH unit. There is minor white, 0.1-1cm wide, cleavage parallel, quartz-carbonate+/-pyrite+/-sphalerite veining throughout the interval. There are occassional thin beds of medium grained, brassy pyrite over the length of the interval. At 365.92m and 372.04m are two 4-6cm wide veins (?)/ beds of light grey, very soft (scratches white), calcareous, disrupted barite-carbonate that has abundant, clustery, brassy pyrite along its angular, irregular margin with the host mudstone. The lower contact is sharp with the first bed of fragmental shale.	4BSH		GSF
A-15-130	373.02	385.70	12.68	Fragmental debris flow pulses hosted in a black mudstone matrix	This interval is characterised by the presence of pulses of monolithic debris flow consisting of fine grained, angular - rounded pebble clasts of siltstone (?) supported by a black, siliceous, mudstone matrix. The fragments have all been strongly altered to fine grained, brassy pyrite and many fragments have also bean weakly altered to carbonate. Some clasts appear to be strongly pyritized concretions, with carbonate altered pressure shadows, similar to previous holes from this year. The pulses decrease in frequency and size towards the bottom of the interval. Weak, pyritic, off-white, 1-2mm sized nodular barite is present in laminations throughout the interval, seperated by 0.1-4m thick black mudstone beds. Nodular barite is slightly more frequent at the bottom of the interval. There are two grey, calcareous, 30cm siltstone beds/ boulders(?) in the bottom 1.5m of the interval. INTERP: these intervals are boulders because the quartz vein that cross cuts the silt bed does not occur in the mudstone. Core is blocky and well cleaved at 20-25 deg TCA.	4FSH	4BSH	GSF
A-15-130	385.70	404.00	18.30	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone, containing abundant very fine grained, disseminated, brassy pyrite. Sub-cm sized, round concretions are scattered throughout. There are a few 20-40cm wide intervals of fine-medium grained, disseminated, brassy pyrite. Randomly oriented, nodular - discontinuous, off-white, soft, pyritic barite laminations occur infrequently over the interval, but increase slightly within 6m of the lower contact. The lower contact is marked by a 1m wide interval of abundant irregular-planar quartz-carbonate veining. Core is competent and well cleaved at 20-25 deg TCA.	4SH	4BSH	GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-130	404.00	422.45	18.45	Thin beds of laminar pyrite and nodular barite within black, siliceous mudstone	Regularly occurring dull brown, very fine grained 0.5 - 10cm wide planar beds of pyrite and lesser off white, 1-2mm sized, pyritic, nodular barite are seperated by beds of black, siliceous Gunsteel mudstone. Mineralised beds begin immediately following the vein/shear zone and are generally oriented at 20-50 deg TCA. Pyrite is present in a 3:1 ratio to barite and mineralisation makes up 17% of the entire interval. Sub-rounded, grey, granular, elongate 0.5-3cm wide concretions are common throughout the interval. Septarian concretions >5cm in width occur infrequently; same for very large, boudined concretions. There are rare pinch/ swell, 1-5cm wide, white quartz-carbonate veins. Core is blocky and well cleaved parallel to bedding. The lower contact is sharp with the end up pyrite-barite beds.	4PYSH		GSF
A-15-130	422.45	491.02	68.57	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant vey fine grained, disseminated, brassy pyrite. Round, granular, grey 1-20cm wide concretions with carbonate-pyrite rims are notable throughout the interval. There is a weak series of cleavage parallel, wavy-convoluted, white quartz-carbonate-pyrite (replacement of barite??) veinlets. Core is competent and well cleaved at 15 - 25 deg TCA until the large fault zone from 443.68-485.22m. Core in the fault zone is rubbly - blocky. Due to poor recovery in this are I am unsure of the exact location of an observed 30cm wide, intensely quartz-carbonate veined, cherty interval (it occurs between 444.09-447.14m). Also within the fault zone are sporadic occurrences of randomly oriented, off-white, 1-5mm sized, pyritic, nodular barite in laminations.	4SH	4BSH	GSF
A-15-130	491.02	503.37	12.35	Beds of laminar pyrite and nodular barite within black, siliceous mudstone	Regularly occurring dull brown, very fine grained 5 - 20cm wide convoluted, wavy, folded, variably oriented beds of pyrite and lesser off white, 1-4mm sized, pyritic, nodular barite are seperated by beds of black, siliceous Gunsteel mudstone. Mineralised beds make up 11% of the interval and the pyrite to barite ratio is variable at 2-3:1. Numerous sub-cm to 2cm wide, rounded, grey, granular concretions with pyritized margins and carbonate infilled pressure shadows are observed throughout the shale interbeds in this interval. At 498.5m is a very well preserved, 4cm wide ammonite fossil with even its jiggly bits preserved (!), suggesting a very calm depositional environment. Core is competent and cleaved at 12-25 deg TCA. The lower contact is sharp with a weak shear.	4PYSH		GSF
A-15-130	503.70	527.49	23.79	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing abundant vey fine grained, disseminated, brassy pyrite. There are a number of large, 10-70cm wide grey, granular, septarian concretions in this interval. White, cleavage parallel quartz-carbonate stringers and veinlets are common throughout. There is a set of irregular, blebby, white, carbonate-pyrite veins that are sporadic and randomly oriented. Core is competent and well cleaved.	4SH	4BSH	GSF
A-15-130	527.49	536.75	9.26	Fragmental debris flow pulses hosted in a black mudstone matrix	Pulses of debris flow composed of polylithic clasts that are 0.2 - 3cm sized, rounded, occasionally elongate clasts of pyritic, limey siltstone and limstone intermixed with numerous sub-cm sized concretions with pyritic rims and carbonate pressure shadows, all supported by a black, very fine grained Gunsteel mudstone matrix. The debris flow intervals are 10-70cm thick, making up approximately 33% of the unit and show weak imbrication. There are occasional 20+cm sized concretions within the shale interbeds. At 535.11m is a bed that appears to be highly concentrated concretions with pyritic rims and carbonate pressure shadows. The lower contact is sharp with mineralisation. Core is poker chip to competent and dominant cleavage is 25-45 deg TCA	4FSH		GSF
A-15-130	536.75	558.93	22.18	Beds of laminar pyrite and nodular barite within black, siliceous mudstone	Distal pyrite mineralisation characterised by 1-15cm thick, regularly occuring, dominantly planar beds of dull brown, very fine grained, laminar pyrite interbedded with 1-2mm sized, off-white, fine grained, pyritic nodular barite. Mineralised beds are interbedded with black, very fine grained, siliceous mudstone and decrease in frequency and thickness downhole. Pyrite to Barite ratio also decreases downhole. The mineraistion accounts for approximately 25% of the interval and beds are variably oriented. Concretions associated with mineralization are dominantly round, sub-cm in size, grey and granular. A few concretions are >1cm in size, deformed/ sheared with quartz-carbonate fracture infill veining. There are also a few >20cm sized concretions within the shale interbeds. Cleavage parallel, white quartz-carbonate stringers and veinlets are apparent throughout the interval. The lower contact is the end of mineralisation. Core is competent and cleaved at 30-45 deg TCA.	4PYSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-130	558.93	570.53	11.6	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone, containing abundant very fine grained, disseminated, brassy pyrite. 1-5mm sized, oblong, brassy pyritic clusters are common throughout. There is a minor amount of irregular-discontinuous white pyrite rich carbonate veining, similar to the veining observed at 503.7-527.49m. The lower contact is marked by a 50cm wide quartz-carbonate healed fault zone that commonly preceeds proximal pyrite mineralisation. Core is competent and well cleaved.	4SH		GSF
A-15-130	570.53	590.16	19.63	Thickly bedded proximal, laminar pyrite, minor nodular barite and rare grey sphalerite	Proximal mineralisation interval characterised by thickly bedded, dull brown, very fine grained laminar pyrite, plus, minor very fine grained, 1mm sized, off-white, pyritic, carbonate replaced nodular barite and rare, very fine grained, grey thin sphalerite bands. Sulphide beds are generally planar, oriented at 40-70 deg TCA and vary in true thickness from 2-30cm wide. The mineralisation accounts for 25% of the interval and is seperated by black, siliceous very fine grained mudstone beds that are 1-150cm in true thickness. Some of the larger concentrations of stratiform sulphide are seperated by sub-cm thick shale beds. Sub-cm sized, round concretions are found sporadically throughout the shale interbeds, but very few concretions are noted within the stratiform sulphide in this interval. From 570.33-574.91m the sulphide mineralization is cross cut by highly variably oriented, white quartz-carbonate veining and is strongly brecciated within some of the more intensely flooded vein zones. Few convoluted laminations are observed. Core is competent and well cleaved parallel to bedding.	4MPSH		GSF
A-15-130	590.16	590.80	0.64	Chert	Light grey, very hard, microcrystalline chert interval that has a pitted drill surface and fractures conchoidally. The chert bed has abundant, randomly oriented, white quartz-carbonate stringers and veinlets that form a weak brecciation of the host rock. The bottom 30cm of the interval grades into darker and darker rock, but is still extremely siliceous. Both the upper and lower contacts are irregular and marked by quartz-carbonate veins parallel to the contact.	4CSH		GSF
A-15-130	590.80	594.02	3.22	Thickly bedded proximal, laminar pyrite, minor nodular barite and rare grey sphalerite	Proximal mineralisation interval characterised by thickly bedded, dull brown, very fine grained laminar pyrite, plus, minor very fine grained, 1mm sized, off-white, pyritic, carbonate replaced nodular barite and rare, very fine grained, grey thin sphalerite bands. Sulphide beds are generally planar, oriented at 40-70 deg TCA and vary in true thickness from 2-30cm wide. The mineralisation accounts for 25% of the interval and is seperated by black, siliceous very fine grained mudstone beds that are 1-150cm in true thickness. Some of the larger concentrations of stratiform sulphide are seperated by sub-cm thick shale beds. Sub-cm sized, round concretions are found sporadically throughout the shale interbeds, but very few concretions are noted within the stratiform sulphide in this interval. Core is competent and well cleaved parallel to bedding.	4MPSH		GSF
A-15-130	594.02	596.59	2.57	Black, siliceous mudstone	Thick interbed of black, siliceous, very fine grained mudstone between proximal pyrite mineralisation. There are a few thin, grey silt beds and a few 2-5cm wide, round concretions.	4SH		GSF
A-15-130	596.59	601.00	4.41	Thickly bedded proximal, laminar pyrite, minor nodular barite and rare grey sphalerite	Proximal mineralisation interval characterised by abundant thickly bedded, dull brown, very fine grained laminar pyrite, plus, minor very fine grained, 1mm sized, off-white, pyritic, carbonate replaced nodular barite and bands of very fine grained, grey sphalerite. Grey sphalerite bands are sub-cm in thickness and increase in frequency downhole (making up at most 30% of a sulphide bed). Sulphide beds are generally planar, oriented at 45-50 deg TCA and vary in true thickness from 2-20cm wide. The mineralisation accounts for 45% of the interval and is seperated by black, siliceous very fine grained mudstone beds that are 1-600cm in true thickness. Some of the larger concentrations of stratiform sulphide are seperated by sub-cm thick shale beds. Fragments increase in frequency in this interval and are found within the sulphide beds causing laminations to bend and thin around them. The fragments are generally rounded, grey-brown, granular with carbonate+-very fine grained pyrite+-very fine grained galena rims.	4MPSH	4CC	GSF
					There is one large, >10cm sized, framboidal looking fragment within a sulphide bed. Core is competent and well cleaved parallel to bedding. The lower contact is transitional to more cardiac creek style mineralisation.			

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-130	601.00	614.24	13.24	Cardiac Creek zone	This interval of Cardiac Creek mineralisation is characterised by thickly bedded, planar - convoluted laminar sulphide interbedded with black, siliceous, very fine grained mudstone. Mineralisation is dominantly very fine grained, dull brown laminar pyrite, with banded, grey, very fine grained sphalerite and mottle textured, light grey - off white sphalerite-quartz-carbonate-galena. There is also minor fine grained, 1-2mm sized, off-white, carbonate replaced, pyritic nodular barite within the laminar pyrite. The mottled texture of the light grey - off-white sphalerite is fine grained (1-3mm motting) quartz-carbonate and associated with the margins of the quartz-carbonate there is abundant very fine grained, blue-grey mettalic galena. Mottle textured mineralised bands increase in frequency and thickness downhole. Sulphide beds are oriented at 45-55 deg TCA and are generally planar, though there are some micro-scale convoluted beds. Fragments within the sulphide beds are light grey, sub-cm to 10cm in size, rounded - subrounded and are frequently bedded.	4CC		GSF
A-15-130					The fragments also have carbonate replaced pressure shadows and carbonate +/- pyrite +/- galena rims. Sulphide laminations thin and bend around fragments. Sulphide beds vary in thickness from 2-60cm apparent width and the largest sulphide intervals are often not continuous, and are seperated by sub-cm thick beds of mudstone. Sulphide mineralisation makes up 45% of the interval, with pyrite, making up 20%, sphalerite 18%, galena 5%, and barite 2%. The average width of interbedded mudstone is 20-60cm wide. From 612.4 - 612.66m is a mottled sulphide bed that visually appears particularly rich in sphalerite and galena. Core is competent and well cleaved parallel to bedding.			
A-15-130	614.24	614.63	0.39	Chert	Light grey, very hard, very fine grained chert bed in the midst of the cardiac creek zone. There are abundant white, quartz-carbonate+/-pyrite stringer veinlets (dominant orientation @150-170 deg TCA) that occur only within the chert bed. The upper and lower contacts are sharp and irregular at 60 deg TCA.	4CSH		GSF
A-15-130	614.63	626.38	11.75	Cardiac Creek zone	This interval of Cardiac Creek mineralisation is a continuation of the previous interval, as they are only separated by a 40cm wide chert interval, but the main difference between the two is this interval has more frequent sulphide beds and a greater proportion of sphalerite-galena mineralisation. It is characterised by thickly bedded, planar - convoluted laminar sulphide interbedded with black, siliceous, very fine grained mudstone. Mineralisation is dominantly banded, grey, very fine grained sphalerite and mottle textured, light grey - off white sphalerite-quartz-carbonate-galena. There is a lesser amount of dull brown, very fine grained laminar pyrite with minor fine grained, 1-2mm sized, off-white, carbonate replaced, pyritic nodular barite. The mottled texture of the light grey - off-white sphalerite is fine grained (1-3mm motting) quartz-carbonate and associated with the margins of the quartz-carbonate there is abundant very fine grained, blue-grey mettalic galena. Mottle textured mineralised bands are common throughout this interval. Sulphide beds are oriented at 45-55 deg TCA.	4CC		GSF
					Fragments within the sulphide beds are light grey, sub-cm to 10cm in size, rounded - subrounded and are frequently bedded. The fragments also have carbonate replaced pressure shadows and carbonate +/- pyrite +/- galena rims. Sulphide laminations thin and bend around fragments. Sulphide beds vary in thickness from 2-50cm apparent width and the largest sulphide intervals are often not continuous. They are seperated by sub-cm thick beds of mudstone. Sulphide mineralisation makes up 61% of the interval, with pyrite making up 10-15%, sphalerite 30-35%, galena 8-10%, and barite 2%. The average width of interbedded mudstone is 10-30cm wide. Core is competent and well cleaved parallel to bedding.			
A-15-130	626.38	637.43	11.05	Black, siliceous mudstone	Black, very fine grained, siliceous mudstone containing abundant, very fine grained, disseminated, brassy pyrite. Rounded, grey, 0.5-3cm wide, granular concretions are common throughout this interval. Within the intial 3m of this interval there are numerous sub-cm to cm sized, oblong, ovular, brassy pyrite clusters. Within 30cm of the lower contact there are numerous, sub-cm thick grey, pyritic siltstone laminations/ beds.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-130	637.43	640.22	2.79	Weak footwall Cardiac Creek zone	This interval is characterised by diminishing frequency of sphalerite-galena mineralisation downhole and the increase of laminar pyrite. Cardiac Creek mineralization is characterised by thickly bedded, planar - convoluted laminar sulphide interbedded with black, siliceous, very fine grained mudstone. Mineralisation is dominantly banded, grey, very fine grained sphalerite and mottle textured, light grey - off white sphalerite-quartz-carbonate-galena. There is a lesser amount of dull brown, very fine grained laminar pyrite with minor fine grained, 1-2mm sized, grey, carbonate replaced, pyritic nodular barite. The mottled texture of the light grey - off-white sphalerite is fine grained (1-3mm motting) quartz-carbonate and associated with the margins of the quartz-carbonate there is abundant very fine grained, blue-grey mettalic galena. Fragments within the sulphide beds are light grey, sub-cm to 2cm in size, rounded - sub-rounded and are frequently bedded. The fragments have carbonate pressure shadows and carbonate+/-pyrite+/-galena rims.	4CC	4LPSH	GSF
					The 4LPSH mineralisation begins drastically increasing in frequency from 638.63m to the end of the interval. Also from this point onwards, bands of Cardiac Creek mineralisation drastically decrease in frequency and are only present in 1-10cm thick bands. 4LPSH mineralisation is characterized by mm thick, recurring planar - weakly convoluted, dull brown, very fine grained pyritie laminations with minor very fine grained nodular barite and abundant sub-cm sized, grey, sub-rounded - sub-angular concretions. The lower contact is marked by the last sulphide bed that contains Cardiac Creek mineralisation. Sulphide beds make up 70% of the interval. At 638m there is a small pyrobitumen ven that cross-cuts cardaic creek mineralisation.			
A-15-130	640.22	649.35	9.13	Laminar pyrite with minor nodular barite and numerous concretions	This interval is characterized by regularly occurring beds of dull brown, very fine grained laminar pyrite and minor amounts of off-white, 1-2mm sized, carbonate replaced, pyritic nodular barite interlaminated with black, very fine grained, siliceous mudstone. There are occasional sub-cm thick layers/ laminations of grey, very soft, pyritic, carbonaceous, massive, granular barite intermixed within the pyrite laminations towards the bottom of the interval. Also common within the mineralisation are grey, sub-cm to 2cm sized, sub-rounded to sub-angular, concretions with carbonate rims. Some concretions have a somewhat framboidal appearance. Concretions are present in lesser quantities within the mudstone interbeds. Gunsteel mudstone interbeds vary in thickness from 1-80cm thick. From 641.38-641.56m is a small polylithic breccia composed of angular to sub-angular black, pyritic mudstone clasts (95%), and clasts of carbonate containing fine grained, angular, black mudstone clasts all supported by a pyrite and rock flour matrix. In this small breccia there is minor carbonate replacement of the matrix.	4LPSH	4LBSH	GSF
					From 647-647.2m there is an interval of very fine grained, grey and off white sphalerite that has a very irregular contact with the surrounding mudstone. It looks like a flame structure. Sharp lower contact with the brassy pyrite of the massive sulphide lens.			
A-15-130	649.35	649.72	0.37	Massive sulphide lens	Very fine grained, brassy massive pyrite lens with blotchy, discontinuous, white carbonate flooding (cement??). The upper contact was sharp and irregular with a few well rounded, dark grey clasts (concretions?) proximal to the upper contact. The lower contact is very irregular with massive pyrite surrounding/ cementing numerous breccia clasts. At the lower contact there are vugs of very soft, fibrous, white-opaque, lustrous gypsum(?)/anhydrite(?)	4MS		GSF
A-15-130	649.72	650.14	0.42	Debris flow cemented by massive sulphide	Poorly sorted, polylithic, clast dominated (70-80%), debris flow composed of angular to sub-angular, silt to coarse pebble sized clasts of limestone (90%), mudstone (9%) and siltstone (<1%) supported by a replacement cement of brassy, massive pyrite and intergranular, white carbonate. Sharp lower contact with laminar pyrite	5BXLS	4MS	PRF
A-15-130	650.14	650.38	0.24	Laminar pyrite	This is a very small interval of dull brown, very fine grained, laminar pyrite that is interlaminated with black, very fine grained, mudstone. There are blotches of brassy, granular, massive pyrite and intergranular carbonate within the laminar pyrite. No concretions and no barite	4LPSH	4MS	GSF
A-15-130	650.38	650.67	0.29	Massive sulphide lens	Very fine grained, brassy massive pyrite lens with blotchy, discontinuous, white carbonate flooding (cement??). The upper contact is very irregular, with a slightly gradational appearance. There are a few well angular, black clasts (mudstone?) proximal to the upper contact. The lower contact is gradational--> grading into a breccia dominated by limestone clasts.	4MS		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-130	650.67	654.52	3.85	Debris flow with massive sulphide cement	Poorly sorted, polylithic, clast dominated (70-80%), debris flow composed of sub-angular to sub-rounded, silt to cobble sized clasts of light grey, granular limestone (90%), black siliceous, very fine grained mudstone (9%), grey siltstone (<1%) and black chert supported by a cement/matrix mixture. The matrix is black, very fine grained, mudstone and the cement is a replacement of this. It does not occur within clasts. Cement is brassy, very fine grained, massive pyrite and intergranular, white carbonate. The lower contact is sharp where massive pyrite in the cement ceases.	5BXLS	4MS	PRF
A-15-130	654.52	680.00	25.48	Debris flow	Poorly sorted, polylithic, clast dominated (70-80%), debris flow composed of sub-angular to sub-rounded, silt to small bouder sized clasts within a matrix of black, siliceous, very fine grained mudstone. Clasts are composed dominantly of black mudstone, well-bedded, grey siltstone and dark grey-black chert. There is a minor amount of grey fossiliferous limestone clasts. The matrix has a few small blotches of granular, brassy pyrite with intergranular white carbonate replacement of the matrix throughout. Acicular, white, soft, 2-5mm long barite lathes are prevalent as a weak alteration of the matrix throughout. At 675.6m is an instance of glomerocrystic alteration. Two meters above the sharp lower contact the clast size is dominantly rock flour to pebble sized and there is minor pyrite replacement of the matrix. At 678.5m is a small 10cm wide carbonate cemented breccia vein cutting the debris flow.	5BXLS		PRF
A-15-130	680.00	690.08	10.08	Road River siltstone	Light to medium grey, fine grained, wavy bedded, calcareous siltstone containing lighter grey, coarse pebble to cobble sized, sub-rounded clasts of calcareous siltstone. There is a very weak acicular, white barite alteration of the siltstone matrix to approximately 683m. Minor fine grained, brassy, disseminated pyrite occurs throughout.	6SS		RRG

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY
A-15-130	307.9	309.37	1.47	Abundant quartz-carbonate fracture infill stringers forming a stockwork and causing a moderate silicification of host Gunsteel shales. Proximal to the downhole contact of a distinct chert interval	SIL	MOD
A-15-130	649.72	650.14	0.42	Brassy, very fine grained, massive pyrite and white intergranular carbonate completely replacing the debris flow matrix	CARB	STR
A-15-130	650.67	654.52	3.85	Brassy, very fine grained, massive pyrite and white intergranular carbonate partially replacing the debris flow matrix	CARB	WK
A-15-130	654.52	683	28.48	Acicular, white, soft, 2-5mm long barite lathes are prevalent as a weak alteration of the debris flow matrix throughout. Also present a few meters downhole of the road riveré debris flow contact.	BAR	MOD

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-130	224.64	225.99	1.35	honey brown sphalerite associated with late stage quartz-carbonate veining		0.5				
A-15-130	335.14	385.7	50.56	Weak, off white, soft, pyritic 1-3mm wide nodular barite in beds that vary in thickness of 0.3 - 1.3cm and is hosted by black, siliceous mudstone. Beds occur seperated by mudstone intervals of 0.7-3.2m and are oriented at 12-30 deg TCA, making up <1% of the interval	0.5			0.5		
A-15-130	385.7	404	18.3	Weak, off white, soft, pyritic, 3-6mm wide nodular - discontinuous barite laminations.	0.25			0.25		
A-15-130	404	422.45	18.45	Dull brown, very fine grained, laminar pyrite and lesser off white, soft, 1-2mm sized, pyritic nodular barite in beds varying in thickness from 0.5-10cm true width. Pyrite to barite is present at a ratio of 3:1	12			5		
A-15-130	422.45	491	68.55	Very weak, pyritic nodular barite within a large fault zone.				0.25		
A-15-130	491.02	503.37	12.35	Dull brown, very fine grained, laminar pyrite and lesser off white, soft, 1-4mm sized, pyritic nodular barite in beds varying in thickness from 5-20cm true width. Pyrite to barite is present at a ratio of 2-3:1	8			3		
A-15-130	536.75	558.93	22.18	Dull brown, very fine grained, laminar pyrite and lesser off white, soft, 1-2mm sized, pyritic nodular barite in beds varying in thickness from 1-50cm true width. Pyrite to barite ratio decreases downhole as does thickness and frequency of minerliased beds. Mineralisation makes up 25% of the interval	15			10		
A-15-130	570.53	590.16	19.63	Sulphide beds are composed dominantly of dull brown, very fine grained, laminar pyrite, and minor off-white, 1-2mm sized, pyritic, carbonate replaced nodular barite and rare thin bands of very fine grained, grey sphalerite. Mineralised beds vary in thickness from 2-30cm and are oriented at 40-70 deg TCA, accounting for a total of 25% of the interval.	20	2		3		
A-15-130	596.59	601	4.41	Dominantly dull brown, very fine grained, laminar pyrite, and minor off-white, 1-2mm sized, pyritic, carbonate replaced nodular barite and thin bands of very fine grained, grey sphalerite. grey sphalerite bands increase in frequency downhole. Mineralised beds vary in thickness from 2-20cm and are oriented at 45-50 deg TCA, accounting for a total of 45% of the interval. Rounded, grey, granular sub-cm sized fragments are common within stratiform sulphide beds	35	6		4		
A-15-130	601	614.24	13.24	Thickly bedded sulphide mineralisation composed dominantly of dull brown, very fine grained laminar pyrite, bands of grey, very fine grained sphalerite, bands of mottle textured, light grey - off white coloured sphalerite-quartz-carbonate galena. Galena mineralisation is very fine grained, blue-grey, mettalic, disseminated and associated with the mottled quartz-carbonate. There is also minor very fine grained off-white, pyritic nodular barite associated with the laminar pyrite. Mineralised beds are generally planar, but can be weakly convoluted. Sub-rounded - rounded, light grey, sub-cm to 10cm sized (often bedded) fragments are common within the sulphide beds	20	18	5	2		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-130	614.63	626.38	11.75	Thickly bedded sulphide mineralisation composed dominantly of bands of grey, very fine grained sphalerite, and bands of mottle textured, light grey - off white coloured sphalerite-quartz-carbonate galena. Galena mineralisation is very fine grained, blue-grey, mettalic, disseminated and associated with the mottled quartz-carbonate. There is also lesser dull brown, very fine grained, laminar pyrite containing a small amount of very fine grained off-white, pyritic nodular barite. Mineralised beds are generally planar, but can be weakly convoluted. Sub-rounded - rounded, light grey, sub-cm to 10cm sized (often bedded) fragments are common within the sulphide beds	15	35	10	2		
A-15-130	637.43	640.22	2.79	Thickly bedded sulphide mineralisation composed dominantly of bands of grey, very fine grained sphalerite, and bands of mottle textured, light grey - off white coloured sphalerite-quartz-carbonate galena (40% of interval). Galena mineralisation is very fine grained, blue-grey, mettalic, disseminated and associated with the mottled quartz-carbonate. There is also dull brown, very fine grained, laminar pyrite containing a small amount of very fine grained off-white, pyritic nodular barite that increases in frequency downhole. Mineralised beds are generally planar, but can be weakly convoluted. Sub-rounded - rounded, light grey, sub-cm to 10cm sized (often bedded) fragments are common within the sulphide beds.	30	35	5	1		
A-15-130	640.22	649.35	9.13	Mineralisation is very fine grained, dull brown laminar pyrite with a small amount of fine grained, off-white, pyritic nodular barite. Sub-cm sized concretions are common.	30			3		
A-15-130	649.35	649.72	0.37	Very fine grained, brassy massive pyrite lens with intergranular white carbonate.	90					
A-15-130	649.72	650.14	0.42	Very fine grained, brassy pyrite with intergranuar white carbonate forming the complete cement/ matrix of the debris flow	20					
A-15-130	650.14	650.38	0.24	Laminar pyrite interlaminated with mudstone	50					
A-15-130	650.38	650.67	0.29	Very fine grained, brassy massive pyrite lens with intergranular white carbonate.	90					
A-15-130	650.67	654.52	3.85	Very fine grained, brassy pyrite with intergranuar white carbonate forming a portion of the cement/ matrix of the debris flow	10					
A-15-130	654.52	680.00	25.48	Weak pyrite replacement of matrix	3					

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-130	355.38	355.83	0.45	Grey quartz (60%) - off wite carbonate (40%) vein containing abundant plastically deformed mudstone clasts, few angular clasts. Weak brecciation of host Gunsteel shale	50	12
A-15-130	403.02	404	0.98	Off-white - grey, irregular, wormy to planar quartz (60%) - carbonate (40%) veining generally oriented parallel to cleavage. Weak shear and weak brecciation. Trace pyrite and honey brown sphalerite within veining.	40	30
A-15-130	438.04	438.51	0.47	Minor brecciation/ concentration of .1-1.5 cm wide white quartz-carbonate veins.	20	80
A-15-130	569.82	570.53	0.71	Typical top of zone vein swarm characterised as white-grey quartz(70%) - carboante (30%) flooding/ brecciation/ shear of mudstone. It is composed of at least 50% vein material and the weak shear/vein direction is measured to be 40 deg TCA	50	40
A-15-130	571.8	574.91	3.11	A concentration of randomly oriented 0.5-6cm thick white quartz (60%) - carbonate (40%) veins that cut and brecciat the mineralised beds. Within this veining interval there is a moderately strong shear/ vein flooding from 574.17-574.8m consisting of 50-60% quartz-carbonate	30	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	11.65	11.66	0.01	cleavage	CLV	38
A-15-130	15.75	15.76	0.01	bedding in fragmental/baritic section	BDG	47
A-15-130	16.8	16.81	0.01	cleavage	CLV	48
A-15-130	17.97	17.98	0.01	bedding in shale	BDG	39
A-15-130	19.59	19.6	0.01	cleavage	CLV	40
A-15-130	22.26	22.27	0.01	cleavage	CLV	47
A-15-130	24.95	24.96	0.01	cleavage	CLV	47
A-15-130	26.52	26.62	0.1	thin brittle and soft fault zone. No gouge	BDG	39
A-15-130	26.71	26.72	0.01	fine nodular barite	BDG	39
A-15-130	27.52	27.53	0.01	cleavage	CLV	28
A-15-130	29.67	29.68	0.01	fine silty laminations	BDG	35
A-15-130	32.81	32.82	0.01	cleavage	CLV	44
A-15-130	33.47	33.48	0.01	fine silty laminations	BDG	38
A-15-130	36.6	36.07	0.01	cleavage	CLV	37
A-15-130	37.11	37.12	0.01	bedidng orientation in fragmental shale	BDG	44
A-15-130	39.27	39.28	0.01	cleavage	CLV	34
A-15-130	40.52	40.53	0.01	faint nodular barite laminations	BDG	40
A-15-130	41.86	41.87	0.01	cleavage	CLV	42
A-15-130	44.51	44.52	0.01	faint nodular barite laminations	BDG	41
A-15-130	48.05	48.06	0.01	cleavage	CLV	42
A-15-130	50.95	50.96	0.01	bedding	BDG	38
A-15-130	53.65	53.66	0.01	cleavage	CLV	47
A-15-130	55	56.15	1.15	small brittle and rubbly fault zone. Weaky developed.	FLT	39
A-15-130	56.33	56.34	0.01	faint nodular barite laminations	BDG	42
A-15-130	59.01	59.02	0.01	cleavage	CLV	43
A-15-130	60.18	60.19	0.01	very faint bedding indicated by elongate grey silt fragments	BDG	38
A-15-130	63.13	63.14	0.01	cleavage	CLV	31
A-15-130	66.24	66.25	0.01	faint orientation in disseminated nodular barite	BDG	32
A-15-130	67.91	67.92	0.01	cleavage	CLV	29
A-15-130	69.32	69.33	0.01	faint orientation in disseminated nodular barite	BDG	41
A-15-130	70.91	70.92	0.01	cleavage	CLV	33
A-15-130	72.49	72.5	0.01	faint orientation in disseminated nodular barite	BDG	32
A-15-130	75.45	75.46	0.01	cleavage in massive gunsteel shale	CLV	29
A-15-130	78.23	78.24	0.01	cleavage in massive gunsteel shale	CLV	37
A-15-130	80.35	80.36	0.01	cleavage in massive gunsteel shale	CLV	29
A-15-130	83.96	83.97	0.01	cleavage in massive gunsteel shale	CLV	30
A-15-130	87.48	87.49	0.01	cleavage in massive gunsteel shale	CLV	28
A-15-130	90.12	90.13	0.01	cleavage in massive gunsteel shale	CLV	41
A-15-130	93.37	121.95	28.57	Numerous 3-5m wide moderate to well developed fault zone. Faults range from rubbly to locally gougy. Highly variable cleavage angles however there appears to a dominant orientation near parallel bedding	FLT	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	99.47	99.48	0.01	cleavage	CLV	31
A-15-130	102.21	102.22	0.01	cleavage	CLV	41
A-15-130	106.75	106.76	0.01	cleavage	CLV	32
A-15-130	109.01	109.02	0.01	cleavage	CLV	42
A-15-130	117.48	117.49	0.01	cleavage	CLV	32
A-15-130	123.71	123.72	0.01	cleavage	CLV	30
A-15-130	125.32	127.42	2.1	Moderate to well developed fault zone.	FLT	31
A-15-130	132.72	132.73	0.01	cleavage	CLV	34
A-15-130	136.44	136.45	0.01	cleavage	CLV	31
A-15-130	137.04	152.25	15.21	broken and rubbly core. Weakly developed fault area. Mostly highly angular shale with some finer granular shale fraction however no real areas have gouge.	FLT	
A-15-130	139.31	139.32	0.01	cleavage	CLV	28
A-15-130	145.68	145.69	0.01	cleavage	CLV	48
A-15-130	152.75	152.76	0.01	cleavage	CLV	32
A-15-130	156	159.57	3.57	Fault zone that occurs in black mudstone above a chert interbed? Abundant, low angle shale blocks and localised rubble.	FLT	20
A-15-130	160.53	160.54	0.01	cleavage	CLV	29
A-15-130	164.15	164.16	0.01	silty laminations in black mudstone	BDG	21
A-15-130	165	165.01	0.01	cleavage	CLV	18
A-15-130	166.83	166.84	0.01	silty laminations in black mudstone	BDG	20
A-15-130	167.73	167.74	0.01	cleavage	CLV	21
A-15-130	170.51	170.52	0.01	bedding	BDG	18
A-15-130	173.05	173.06	0.01	cleavage	CLV	17
A-15-130	173.75	173.76	0.01	silty laminations in black mudstone	BDG	22
A-15-130	175.97	175.98	0.01	cleavage	CLV	19
A-15-130	181.68	181.68	0.01	interlaminated mudstone with siliceous cherty laminations	BDG	37
A-15-130	183.99	184	0.01	cleavage	CLV	29
A-15-130	188.46	188.47	0.01	cleavage	CLV	21
A-15-130	190.85	190.86	0.01	silty laminations in black mudstone	BDG	24
A-15-130	191.68	191.69	0.01	cleavage	CLV	24
A-15-130	193.94	193.95	0.01	silty laminations in black mudstone	BDG	24
A-15-130	194.06	194.07	0.01	cleavage	CLV	21
A-15-130	195.66	195.67	0.01	silty laminations in black mudstone	BDG	22
A-15-130	198.05	198.06	0.01	cleavage	CLV	25
A-15-130	199.75	199.76	0.01	silty laminations in black mudstone	BDG	25
A-15-130	200.75	200.76	0.01	cleavage	CLV	35
A-15-130	203.35	203.36	0.01	silty laminations in black mudstone	BDG	28
A-15-130	203.45	203.46	0.01	cleavage	CLV	31
A-15-130	204.85	204.86	0.01	silty laminations in black mudstone	BDG	26
A-15-130	208.71	208.72	0.01	cleavage	CLV	26
A-15-130	210.61	210.62	0.01	silty laminations in black mudstone	BDG	31

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	214.68	214.69	0.01	cleavage	CLV	25
A-15-130	215.11	215.12	0.01	silty laminations in black mudstone	BDG	27
A-15-130	218.34	218.35	0.01	cleavage	CLV	24
A-15-130	220.14	221.62	0.01	rubbly fault zone	FLT	48
A-15-130	222.31	222.32	0.01	cleavage	CLV	37
A-15-130	222.79	222.8	0.01	faint silty laminations	BDG	47
A-15-130	226.25	226.26	0.01	cleavage	CLV	24
A-15-130	230.31	230.32	0.01	silty laminations in black mudstone	BDG	39
A-15-130	230.51	230.52	0.01	cleavage	CLV	23
A-15-130	233.64	223.65	0.01	bedding	BDG	44
A-15-130	233.68	233.69	0.01	cleavage	CLV	45
A-15-130	235.95	235.96	0.01	bedding	BDG	53
A-15-130	237.93	237.94	0.01	cleavage has increase slightly	CLV	54
A-15-130	241.92	241.93	0.01	brassy yellow pyritic laminations	BDG	48
A-15-130	240	266.71	26.71	numerous scattered rubbly fault zones. No gouge.	FLT	
A-15-130	245.21	245.22	0.01	cleavage	CLV	42
A-15-130	248.6	248.61	0.01	cleavage	CLV	51
A-15-130	248.97	248.98	0.01	bedding	BDG	46
A-15-130	255.41	255.42	0.01	very low angle cleavage anomalous to the rock unit	CLV	10
A-15-130	259.67	259.68	0.01	cleavage	CLV	14
A-15-130	264.06	264.07	0.01	cleavage	CLV	5
A-15-130	265.17	265.18	0.01	pyritic silt bed	BDG	45
A-15-130	266.63	266.64	0.01	pyritic silt bed	BDG	36
A-15-130	267.97	267.98	0.01	cleavage	CLV	9
A-15-130	269.05	296.06	0.01	pyritic silt bed	BDG	42
A-15-130	269.37	269.59	0.22	Shear zone characterised by sheeted, irregular quartz-carbonate veining interfingered with ductile deformed black mudstone. Minor honey brown sphalerite		35
A-15-130	270.87	270.88	0.01	cleavage	CLV	12
A-15-130	273.83	273.84	0.01	cleavage	CLV	5
A-15-130	275.55	275.56	0.01	cleavage	CLV	51
A-15-130	277.03	277.04	0.01	cleavage	CLV	5
A-15-130	279.36	279.37	0.01	silt bed	BDG	45
A-15-130	284.03	284.04	0.01	cleavage	CLV	23
A-15-130	285.29	285.3	0.01	cleavage	CLV	50
A-15-130	287.68	287.69	0.01	pyritic silt bed	BDG	28
A-15-130	290.29	290.3	0.01	silty laminations in black mudstone	BDG	32
A-15-130	291.05	291.06	0.01	cleavage	CLV	177
A-15-130	293.06	293.07	0.01	cleavage	CLV	8
A-15-130	295.03	295.04	0.01	pyritic silt bed	BDG	42
A-15-130	295.49	295.5	0.01	cleavage	CLV	32
A-15-130	297.56	297.57	0.01	cleavage	CLV	10
A-15-130	298.57	298.58	0.01	pyritic silt bed	BDG	42

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	299.44	299.45	0.01	chert bed	BDG	14
A-15-130	301.52	301.53	0.01	cleavage	CLV	24
A-15-130	302.43	302.44	0.01	cleavage	CLV	48
A-15-130	305.44	305.45	0.01	silty laminations in black mudstone	BDG	78
A-15-130	306.61	306.62	0.01	chert bed	BDG	16
A-15-130	309.89	309.9	0.01	cleavage	CLV	19
A-15-130	313.33	313.34	0.01	cleavage	CLV	21
A-15-130	313.8	313.81	0.01	pyritic silt bed	BDG	29
A-15-130	315.48	315.49	0.01	disseminated pyrite lamination	BDG	16
A-15-130	317.19	317.2	0.01	cleavage	CLV	11
A-15-130	317.94	318.32	0.38	Shear zone characterized by sheeted, irregular quartz-carbonate veining interfingered with ductile deformed black mudstone. Minor brassy pyrite clusters		38
A-15-130	318.95	318.96	0.01	cleavage	CLV	27
A-15-130	319.22	319.23	0.01	cleavage	CLV	12
A-15-130	319.55	319.82	0.27	small gravel sized, angular mudstone rubble and gouge	FLT	15
A-15-130	320.12	320.13	0.01	cleavage	CLV	19
A-15-130	321.73	321.74	0.01	silty laminations in black mudstone	BDG	23
A-15-130	322.58	322.59	0.01	disseminated pyrite lamination	BDG	17
A-15-130	323.1	323.11	0.01	cleavage	CLV	18
A-15-130	324.82	324.83	0.01	silty laminations in black mudstone	BDG	16
A-15-130	325.31	325.32	0.01	cleavage	CLV	19
A-15-130	326.8	326.81	0.01	pyritic silt bed	BDG	18
A-15-130	327.4	327.41	0.01	cleavage	CLV	19
A-15-130	329.64	329.65	0.01	cleavage	CLV	10
A-15-130	330.19	330.2	0.01	cleavage	CLV	12
A-15-130	330.39	330.4	0.01	cleavage	CLV	20
A-15-130	332.37	332.38	0.01	pyritic silt bed	BDG	24
A-15-130	333.87	333.88	0.01	cleavage	CLV	22
A-15-130	335.31	335.32	0.01	nodular barite	BDG	25
A-15-130	336.43	336.44	0.01	cleavage	CLV	13
A-15-130	338.45	338.46	0.01	cleavage	CLV	15
A-15-130	338.83	338.84	0.01	nodular barite	BDG	25
A-15-130	341.12	341.13	0.01	nodular barite	BDG	26
A-15-130	341.27	341.28	0.01	cleavage	CLV	14
A-15-130	344.28	344.29	0.01	cleavage	CLV	15
A-15-130	345.14	345.15	0.01	nodular barite	BDG	20
A-15-130	345.89	345.9	0.01	nodular barite	BDG	19
A-15-130	346.66	346.67	0.01	cleavage	CLV	14
A-15-130	347.17	347.18	0.01	nodular barite	BDG	14
A-15-130	348.23	348.24	0.01	cleavage	CLV	14
A-15-130	348.96	348.97	0.01	nodular barite	BDG	16

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	350.35	350.36	0.01	cleavage	CLV	8
A-15-130	351.02	351.03	0.01	nodular barite	BDG	20
A-15-130	352	352.01	0.01	nodular barite	BDG	16
A-15-130	352.65	352.66	0.01	cleavage	CLV	12
A-15-130	353.35	353.36	0.01	nodular barite	BDG	13
A-15-130	355.21	355.22	0.01	cleavage	CLV	19
A-15-130	355.99	356	0.01	pyritic silt bed	BDG	19
A-15-130	356.54	356.55	0.01	nodular barite	BDG	19
A-15-130	357.53	357.54	0.01	cleavage	CLV	14
A-15-130	358.49	358.5	0.01	nodular barite	BDG	20
A-15-130	359.22	359.23	0.01	cleavage	CLV	22
A-15-130	361.56	361.57	0.01	cleavage	CLV	11
A-15-130	363.65	363.66	0.01	cleavage	CLV	14
A-15-130	364.21	364.22	0.01	laminar pyrite	BDG	16
A-15-130	365.92	365.93	0.01	soft, light grey, granular, calcareous barite	BDG	26
A-15-130	366.34	366.35	0.01	cleavage	CLV	23
A-15-130	367.55	367.56	0.01	cleavage	CLV	18
A-15-130	368.29	368.3	0.01	laminar pyrite	BDG	24
A-15-130	370.94	370.95	0.01	cleavage	CLV	17
A-15-130	372.04	372.05	0.01	soft, light grey, granular, calcareous barite	BDG	20
A-15-130	373.57	373.58	0.01	cleavage	CLV	31
A-15-130	373.94	374.24	0.3	Thin, sheeted, quartz-carbonate veins/ veinlets interfingered with ductile deformed black mudstone sheets. Lower contact is at 5 deg TCA		5
A-15-130	375.53	375.54	0.01	cleavage	CLV	28
A-15-130	375.87	375.88	0.01	nodular barite	BDG	30
A-15-130	376.77	376.78	0.01	pyritic silt bed	BDG	23
A-15-130	377.14	377.15	0.01	cleavage	CLV	34
A-15-130	378.8	378.81	0.01	pyritic silt bed	BDG	19
A-15-130	379.26	379.27	0.01	cleavage	CLV	20
A-15-130	379.97	379.98	0.01	nodular barite	BDG	21
A-15-130	380.71	380.72	0.01	cleavage	CLV	22
A-15-130	382.46	382.47	0.01	cleavage	CLV	19
A-15-130	383.11	383.12	0.01	nodular barite	BDG	22
A-15-130	383.28	383.29	0.01	cleavage	CLV	20
A-15-130	384.03	384.04	0.01	nodular barite	BDG	17
A-15-130	384.83	384.84	0.01	nodular barite	BDG	22
A-15-130	385.99	386	0.01	cleavage	CLV	20
A-15-130	387.54	387.55	0.01	nodular barite	BDG	50
A-15-130	387.9	387.91	0.01	cleavage	CLV	18
A-15-130	388.61	388.62	0.01	silt bed	BDG	16
A-15-130	389.44	389.45	0.01	cleavage	CLV	20
A-15-130	390.56	390.57	0.01	cleavage	CLV	22
A-15-130	392.28	392.29	0.01	cleavage	CLV	26

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	394	394.01	0.01	cleavage	CLV	28
A-15-130	394.68	394.69	0.01	cleavage	CLV	24
A-15-130	395.55	395.56	0.01	cleavage	CLV	31
A-15-130	396.79	396.8	0.01	discontinuous to nodular barite	BDG	28
A-15-130	397	397.01	0.01	discontinuous to nodular barite	BDG	90
A-15-130	397.54	397.55	0.01	cleavage	CLV	22
A-15-130	398.26	398.27	0.01	discontinuous to nodular barite	BDG	16
A-15-130	398.46	398.47	0.01	discontinuous to nodular barite	BDG	64
A-15-130	398.8	398.81	0.01	cleavage	CLV	21
A-15-130	399.71	399.72	0.01	discontinuous to nodular barite	BDG	95
A-15-130	400.88	400.89	0.01	cleavage	CLV	20
A-15-130	401.48	401.62	0.14	ground up core and gouge	FLT	35
A-15-130	401.91	401.92	0.01	cleavage	CLV	20
A-15-130	404.43	404.44	0.01	laminar pyrite	BDG	24
A-15-130	404.9	404.91	0.01	cleavage	CLV	25
A-15-130	405.16	405.17	0.01	nodular barite	BDG	25
A-15-130	406.11	406.12	0.01	cleavage	CLV	30
A-15-130	406.53	406.54	0.01	laminar pyrite	BDG	33
A-15-130	407.12	407.13	0.01	laminar pyrite	BDG	21
A-15-130	407.77	407.78	0.01	cleavage	CLV	21
A-15-130	408.76	408.77	0.01	laminar pyrite	BDG	24
A-15-130	409.15	409.16	0.01	cleavage	CLV	23
A-15-130	409.54	409.55	0.01	cleavage	CLV	19
A-15-130	409.98	409.99	0.01	laminar pyrite	BDG	29
A-15-130	410.72	410.73	0.01	cleavage	CLV	24
A-15-130	410.86	410.87	0.01	nodular barite	BDG	25
A-15-130	411.95	411.96	0.01	laminar pyrite	BDG	22
A-15-130	412.92	412.93	0.01	cleavage	CLV	25
A-15-130	413.06	413.07	0.01	nodular barite	BDG	30
A-15-130	413.26	414.06	0.8	rubble and minor gouge	FLT	
A-15-130	414.46	414.47	0.01	cleavage	CLV	23
A-15-130	414.6	414.61	0.01	laminar pyrite	BDG	27
A-15-130	416.09	416.1	0.01	fold axis	FA	30
A-15-130	416.44	416.45	0.01	laminar pyrite	BDG	26
A-15-130	416.66	416.67	0.01	cleavage	CLV	26
A-15-130	417.16	417.17	0.01	cleavage	CLV	22
A-15-130	417.66	417.67	0.01	laminar pyrite	BDG	22
A-15-130	418.25	418.26	0.01	laminar pyrite	BDG	21
A-15-130	418.42	418.43	0.01	cleavage	CLV	18
A-15-130	418.95	418.96	0.01	laminar pyrite	BDG	15
A-15-130	419.65	420.02	0.37	weak shear zone characterised by sheeted, irregular quartz-carbonate veining interfingered with ductile deformed black mudstone and laminar pyrite.		50
A-15-130	420.42	420.43	0.01	nodular barite	BDG	52

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	420.74	420.75	0.01	laminar pyrite	BDG	34
A-15-130	421.23	421.24	0.01	laminar pyrite	BDG	40
A-15-130	421.73	421.74	0.01	nodular barite	BDG	50
A-15-130	422.34	422.35	0.01	nodular barite	BDG	26
A-15-130	423.52	423.53	0.01	cleavage	CLV	22
A-15-130	424.52	424.53	0.01	cleavage	CLV	16
A-15-130	425.84	425.85	0.01	cleavage	CLV	26
A-15-130	427.53	427.54	0.01	cleavage	CLV	18
A-15-130	429.46	429.47	0.01	cleavage	CLV	25
A-15-130	430.56	430.57	0.01	cleavage	CLV	20
A-15-130	431.7	431.71	0.01	cleavage	CLV	30
A-15-130	432.09	432.1	0.01	cleavage	CLV	25
A-15-130	434.42	434.43	0.01	cleavage	CLV	26
A-15-130	435.24	435.25	0.01	cleavage	CLV	31
A-15-130	436.38	436.39	0.01	cleavage	CLV	26
A-15-130	438	438.01	0.01	cleavage	CLV	30
A-15-130	440.56	440.57	0.01	cleavage	CLV	30
A-15-130	441.6	441.61	0.01	cleavage	CLV	25
A-15-130	442.63	442.64	0.01	cleavage	CLV	22
A-15-130	443.68	485.22	41.54	Very large fault zone characterised dominantly by zones of extremely rubbly, often polished core and abundant gouge. There occasional sections up to 30cm wide that have competent core. The fault angle is believed to be approx 15 deg TCA which is averaged from consolidated gouge/ gouge seams in direct contact with numerous polished fracture planes throughout the interval and from inferring based on the drill section. There are sporadic nodular barite beds throughout the interval. INTERP: Slickensides suggest an oblique fault plane movement in a SE/NW direction. Drill recovery was poor, thus cleavage and bedding measurements with the fault zone are recorded with low confidence	FLT	15
A-15-130	451.5	451.51	0.01	nodular barite	BDG	7
A-15-130	453.54	453.55	0.01	cleavage	CLV	24
A-15-130	457.27	457.28	0.01	cleavage	CLV	19
A-15-130	460.1	460.11	0.01	nodular barite	BDG	29
A-15-130	461.2	461.21	0.01	nodular barite	BDG	6
A-15-130	463.11	463.12	0.01	nodular barite	BDG	41
A-15-130	463.34	463.35	0.01	cleavage	CLV	16
A-15-130	473.01	473.02	0.01	cleavage	CLV	14
A-15-130	479.43	479.44	0.01	cleavage	CLV	15
A-15-130	481.17	481.18	0.01	cleavage	CLV	18
A-15-130	484.51	484.52	0.01	cleavage	CLV	20

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	485.63	485.64	0.01	cleavage	CLV	22
A-15-130	487.24	487.25	0.01	cleavage	CLV	17
A-15-130	488.51	488.52	0.01	cleavage	CLV	26
A-15-130	489.32	489.33	0.01	cleavage	CLV	16
A-15-130	491.41	491.42	0.01	laminar pyrite	BDG	74
A-15-130	491.48	491.49	0.01	nodular barite	BDG	48
A-15-130	491.91	491.92	0.01	nodular barite	BDG	25
A-15-130	492.09	492.1	0.01	nodular barite	BDG	90
A-15-130	492.43	492.44	0.01	cleavage	CLV	20
A-15-130	493.49	493.5	0.01	cleavage	CLV	23
A-15-130	494.22	494.23	0.01	nodular barite	BDG	110
A-15-130	494.61	494.62	0.01	cleavage	CLV	20
A-15-130	494.83	494.84	0.01	fold axis pointing up hole	FA	15
A-15-130	494.95	494.96	0.01	nodular barite	BDG	165
A-15-130	459.08	459.09	0.01	nodular barite	BDG	135
A-15-130	495.59	495.6	0.01	cleavage	CLV	16
A-15-130	495.76	495.77	0.01	pyritic silt bed	BDG	110
A-15-130	496.69	496.7	0.01	cleavage	CLV	14
A-15-130	497.98	497.99	0.01	cleavage	CLV	14
A-15-130	498.31	498.32	0.01	laminar pyrite	BDG	95
A-15-130	498.96	498.97	0.01	cleavage	CLV	12
A-15-130	500.85	500.86	0.01	cleavage	CLV	20
A-15-130	501.65	501.66	0.01	laminar pyrite	BDG	120
A-15-130	501.89	501.9	0.01	nodular barite	BDG	90
A-15-130	503.13	503.14	0.01	laminar pyrite	BDG	45
A-15-130	503.22	503.37	0.15	Weak shear with sheeted quartz-carbonate veining and ductile deformed mudstone		60
A-15-130	504.17	504.18	0.01	cleavage	CLV	21
A-15-130	506.81	506.82	0.01	cleavage	CLV	30
A-15-130	508.1	508.11	0.01	cleavage	CLV	23
A-15-130	509.78	509.79	0.01	cleavage	CLV	20
A-15-130	510.85	510.86	0.01	cleavage	CLV	20
A-15-130	512.13	512.14	0.01	cleavage	CLV	35
A-15-130	513.75	513.76	0.01	cleavage	CLV	18
A-15-130	515.44	515.45	0.01	cleavage	CLV	26
A-15-130	517.92	517.93	0.01	cleavage	CLV	27
A-15-130	519.25	519.26	0.01	cleavage	CLV	30
A-15-130	520.29	520.3	0.01	cleavage	CLV	25
A-15-130	521.57	521.58	0.01	cleavage	CLV	35
A-15-130	523.34	523.35	0.01	cleavage	CLV	34
A-15-130	524.04	524.05	0.01	cleavage	CLV	28
A-15-130	525.1	525.11	0.01	cleavage	CLV	24
A-15-130	527.14	527.15	0.01	cleavage	CLV	35
A-15-130	529.44	529.45	0.01	cleavage	CLV	22

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	531.54	531.55	0.01	cleavage	CLV	23
A-15-130	531.95	531.96	0.01	imbrication of clasts in debris flow		50
A-15-130	532.23	532.24	0.01	imbrication of clasts in debris flow		30
A-15-130	532.49	532.5	0.01	cleavage	CLV	42
A-15-130	533.35	533.36	0.01	cleavage	CLV	33
A-15-130	534.74	534.75	0.01	cleavage	CLV	25
A-15-130	534.78	534.79	0.01	pyritic silt bed	BDG	24
A-15-130	535.11	535.12	0.01	bedded concretions?	BDG	15
A-15-130	536.5	536.51	0.01	cleavage	CLV	30
A-15-130	537.1	537.11	0.01	laminar pyrite	BDG	40
A-15-130	537.78	537.79	0.01	laminar pyrite	BDG	62
A-15-130	538.01	538.02	0.01	nodular barite	BDG	54
A-15-130	538.55	538.56	0.01	fold axis	FA	30
A-15-130	538.65	538.66	0.01	nodular barite	BDG	26
A-15-130	539.05	539.06	0.01	cleavage	CLV	25
A-15-130	539.42	539.43	0.01	nodular barite	BDG	27
A-15-130	539.56	539.57	0.01	fold axis	FA	33
A-15-130	539.72	539.73	0.01	laminar pyrite	BDG	35
A-15-130	540.5	540.51	0.01	cleavage	CLV	38
A-15-130	540.53	540.54	0.01	fold axis	FA	30
A-15-130	540.7	540.71	0.01	laminar pyrite	BDG	36
A-15-130	540.79	540.8	0.01	fold axis of z-fold	FA	30
A-15-130	541.03	541.04	0.01	nodular barite	BDG	63
A-15-130	541.15	541.16	0.01	laminar pyrite	BDG	40
A-15-130	542	542.01	0.01	cleavage	CLV	28
A-15-130	542.12	542.13	0.01	nodular barite	BDG	47
A-15-130	543.16	543.17	0.01	cleavage	CLV	44
A-15-130	543.59	543.6	0.01	laminar pyrite	BDG	47
A-15-130	544.42	544.43	0.01	nodular barite	BDG	30
A-15-130	545.18	545.19	0.01	cleavage	CLV	29
A-15-130	546.34	546.35	0.01	nodular barite	BDG	66
A-15-130	546.53	546.54	0.01	cleavage	CLV	28
A-15-130	546.92	546.93	0.01	laminar pyrite	BDG	78
A-15-130	547.94	547.95	0.01	laminar pyrite	BDG	60
A-15-130	548.53	548.54	0.01	cleavage	CLV	32
A-15-130	548.85	548.86	0.01	laminar pyrite	BDG	45
A-15-130	549.22	549.23	0.01	nodular barite	BDG	36
A-15-130	549.79	549.8	0.01	cleavage	CLV	36
A-15-130	550.38	550.39	0.01	cleavage	CLV	36
A-15-130	550.66	550.67	0.01	nodular barite	BDG	75
A-15-130	551.4	551.41	0.01	nodular barite	BDG	90
A-15-130	551.44	551.45	0.01	nodular barite	BDG	110
A-15-130	551.86	551.87	0.01	nodular barite	BDG	80
A-15-130	552.67	552.68	0.01	cleavage	CLV	34

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	553.43	553.44	0.01	nodular barite	BDG	55
A-15-130	553.49	553.5	0.01	cleavage	CLV	40
A-15-130	554.41	554.42	0.01	nodular barite	BDG	110
A-15-130	554.54	554.55	0.01	nodular barite	BDG	50
A-15-130	555.34	555.35	0.01	cleavage	CLV	30
A-15-130	556.33	556.34	0.01	cleavage	CLV	47
A-15-130	556.29	556.3	0.01	limey silt	BDG	50
A-15-130	556.9	556.91	0.01	limey silt	BDG	49
A-15-130	557.57	557.58	0.01	cleavage	CLV	40
A-15-130	558.33	558.34	0.01	nodular barite	BDG	42
A-15-130	558.47	558.48	0.01	silt bed	BDG	80
A-15-130	559.76	559.77	0.01	cleavage	CLV	46
A-15-130	560.25	560.26	0.01	cleavage	CLV	43
A-15-130	562.47	562.48	0.01	cleavage	CLV	40
A-15-130	564.26	564.27	0.01	cleavage	CLV	43
A-15-130	566.44	566.45	0.01	cleavage	CLV	25
A-15-130	567.73	567.74	0.01	cleavage	CLV	35
A-15-130	569.7	569.71	0.01	cleavage	CLV	38
A-15-130	569.82	570.53	0.71	white quartz-carbonate breccia/ shear zone that is probably a healed fault.	FLT	40
A-15-130	570.68	570.69	0.01	sulphide bed	BDG	40
A-15-130	570.69	570.7	0.01	cleavage	CLV	40
A-15-130	571.36	571.37	0.01	sulphide bed	BDG	39
A-15-130	573.11	573.12	0.01	cleavage	CLV	40
A-15-130	573.27	573.28	0.01	sulphide bed	BDG	40
A-15-130	573.34	573.35	0.01	cleavage	CLV	43
A-15-130	574.17	574.87	0.7	shear zone composed dominantly of white quartz-carbonate veining and ductile deformed mudstone. There is also brecciated sulphide mineralisation. Low confidence in shear angle TCA		45
A-15-130	575	575.01	0.01	sulphide bed	BDG	70
A-15-130	575.11	575.12	0.01	cleavage	CLV	20
A-15-130	575.58	575.59	0.01	sulphide bed	BDG	62
A-15-130	576.68	576.69	0.01	cleavage	CLV	40
A-15-130	577.09	577.1	0.01	sulphide bed	BDG	50
A-15-130	577.24	577.25	0.01	cleavage	CLV	32
A-15-130	577.39	577.4	0.01	sulphide bed	BDG	70
A-15-130	577.78	577.79	0.01	cleavage	CLV	18
A-15-130	578.05	578.06	0.01	sulphide bed	BDG	50
A-15-130	578.46	578.47	0.01	cleavage	CLV	53
A-15-130	579.5	579.51	0.01	sulphide bed	BDG	55
A-15-130	579.98	579.99	0.01	sulphide bed	BDG	62
A-15-130	580.17	580.18	0.01	cleavage	CLV	30
A-15-130	581.77	581.78	0.01	sulphide bed	BDG	40

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	581.85	581.86	0.01	cleavage	CLV	40
A-15-130	583.74	583.75	0.01	sulphide bed	BDG	48
A-15-130	584.74	584.75	0.01	sulphide bed	BDG	48
A-15-130	585.65	585.66	0.01	primary cleavage (?) within shale interbed	CLV	20
A-15-130	586.51	586.52	0.01	cleavage	CLV	46
A-15-130	586.76	586.77	0.01	sulphide bed	BDG	47
A-15-130	587.68	587.69	0.01	primary cleavage (?) within shale interbed	CLV	35
A-15-130	587.8	587.81	0.01	sulphide bed	BDG	50
A-15-130	588.76	588.77	0.01	cleavage	CLV	50
A-15-130	588.96	588.97	0.01	sulphide bed	BDG	51
A-15-130	589.63	589.64	0.01	primary cleavage (?) within shale interbed	CLV	20
A-15-130	590.16	590.17	0.01	uphole contact of chert bed	BDG	75
A-15-130	591.75	591.76	0.01	cleavage	CLV	30
A-15-130	592.62	592.63	0.01	sulphide bed	BDG	50
A-15-130	593.05	593.06	0.01	primary cleavage (?) within shale interbed	CLV	25
A-15-130	593.84	593.85	0.01	sulphide bed	BDG	46
A-15-130	594.46	594.47	0.01	primary cleavage (?) within shale interbed	CLV	25
A-15-130	595.39	595.4	0.01	cleavage	CLV	28
A-15-130	596.8	596.81	0.01	cleavage	CLV	45
A-15-130	597.18	597.19	0.01	sulphide bed	BDG	46
A-15-130	597.84	597.85	0.01	cleavage	CLV	48
A-15-130	598.01	598.02	0.01	sulphide bed	BDG	46
A-15-130	599.41	599.42	0.01	primary cleavage (?) within shale interbed	CLV	28
A-15-130	599.72	599.73	0.01	sulphide bed	BDG	54
A-15-130	600.27	600.28	0.01	cleavage	CLV	46
A-15-130	600.51	600.52	0.01	sulphide bed	BDG	44
A-15-130	601.41	601.42	0.01	sulphide bed	BDG	45
A-15-130	601.96	601.97	0.01	cleavage	CLV	42
A-15-130	602.89	602.9	0.01	primary cleavage (?) within shale interbed	CLV	20
A-15-130	604.03	604.04	0.01	cleavage	CLV	46
A-15-130	604.25	604.26	0.01	sulphide bed	BDG	50
A-15-130	604.42	604.51	0.09	weak shear composed of white quartz-carbonate and ductile deformed mudstone		35
A-15-130	604.57	604.58	0.01	sulphide bed	BDG	30
A-15-130	604.81	604.82	0.01	sulphide bed	BDG	46
A-15-130	605.59	605.6	0.01	sulphide bed	BDG	51
A-15-130	606.22	606.23	0.01	primary cleavage (?) within shale interbed	BDG	31
A-15-130	607.3	607.31	0.01	sulphide bed	BDG	50
A-15-130	608.21	608.22	0.01	sulphide bed	BDG	48
A-15-130	608.57	608.58	0.01	cleavage	CLV	50
A-15-130	608.93	608.94	0.01	sulphide bed	BDG	45
A-15-130	609.62	609.63	0.01	cleavage	CLV	48
A-15-130	609.67	609.68	0.01	sulphide bed	BDG	48
A-15-130	610.75	610.76	0.01	sulphide bed	BDG	45

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	611.2	611.21	0.01	cleavage	CLV	48
A-15-130	611.4	611.41	0.01	sulphide bed	BDG	42
A-15-130	612.67	612.68	0.01	sulphide bed	BDG	41
A-15-130	613.22	613.23	0.01	sulphide bed	BDG	50
A-15-130	613.82	613.83	0.01	cleavage	CLV	35
A-15-130	613.85	613.86	0.01	sulphide bed	BDG	53
A-15-130	614.24	614.25	0.01	chert bed	BDG	60
A-15-130	615.32	615.33	0.01	sulphide bed	BDG	52
A-15-130	615.65	615.66	0.01	cleavage	CLV	48
A-15-130	616.14	616.15	0.01	sulphide bed	BDG	52
A-15-130	616.75	616.76	0.01	cleavage	CLV	50
A-15-130	617.23	617.24	0.01	sulphide bed	BDG	52
A-15-130	617.89	617.9	0.01	sulphide bed	BDG	54
A-15-130	618.41	618.42	0.01	cleavage	CLV	54
A-15-130	618.77	618.78	0.01	sulphide bed	BDG	49
A-15-130	619.3	619.31	0.01	sulphide bed	BDG	51
A-15-130	619.92	619.93	0.01	sulphide bed	BDG	62
A-15-130	620.2	620.21	0.01	cleavage	CLV	48
A-15-130	620.75	620.76	0.01	sulphide bed	BDG	55
A-15-130	621.21	621.22	0.01	cleavage	CLV	40
A-15-130	621.63	621.64	0.01	sulphide bed	BDG	41
A-15-130	622.33	622.34	0.01	sulphide bed	BDG	45
A-15-130	622.86	622.87	0.01	primary cleavage (?) within shale interbed	CLV	30
A-15-130	623.36	623.37	0.01	sulphide bed	BDG	53
A-15-130	623.57	623.58	0.01	cleavage	CLV	55
A-15-130	624.28	624.29	0.01	sulphide bed	BDG	42
A-15-130	625.09	625.1	0.01	cleavage	CLV	48
A-15-130	625.33	625.34	0.01	sulphide bed	BDG	51
A-15-130	626.3	626.31	0.01	sulphide bed	BDG	45
A-15-130	627.3	627.31	0.01	primary cleavage (?) within shale interbed	CLV	33
A-15-130	628.72	628.73	0.01	primary cleavage (?) within shale interbed	CLV	15
A-15-130	629.16	629.17	0.01	primary cleavage (?) within shale interbed	CLV	32
A-15-130	631.69	631.7	0.01	primary cleavage (?) within shale interbed	CLV	32
A-15-130	632.32	632.33	0.01	primary cleavage (?) within shale interbed	CLV	29
A-15-130	633.75	633.76	0.01	primary cleavage (?) within shale interbed	CLV	40
A-15-130	635.39	635.4	0.01	cleavage	CLV	27
A-15-130	636.12	636.13	0.01	cleavage	CLV	26
A-15-130	637.19	637.2	0.01	silty laminations in black mudstone	BDG	60
A-15-130	637.74	637.75	0.01	cleavage	CLV	42
A-15-130	638.57	638.58	0.01	sulphide bed	BDG	56
A-15-130	639.08	639.09	0.01	sulphide bed	BDG	54
A-15-130	639.39	639.4	0.01	laminar pyrite	BDG	55
A-15-130	639.76	639.77	0.01	sulphide bed	BDG	56
A-15-130	640.5	640.51	0.01	cleavage	CLV	54

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-130	641.28	641.29	0.01	laminar pyrite	BDG	58
A-15-130	641.86	641.87	0.01	cleavage	CLV	22
A-15-130	642.57	642.58	0.01	laminar pyrite	BDG	59
A-15-130	643.47	643.48	0.01	cleavage	CLV	40
A-15-130	643.55	643.56	0.01	laminar pyrite	BDG	56
A-15-130	644.06	644.07	0.01	cleavage	CLV	65
A-15-130	644.41	644.42	0.01	laminar pyrite	BDG	68
A-15-130	644.91	644.92	0.01	laminar pyrite	BDG	73
A-15-130	645.55	645.56	0.01	laminar pyrite	BDG	68
A-15-130	646.4	646.41	0.01	laminar pyrite	BDG	66
A-15-130	646.87	646.88	0.01	cleavage	CLV	18
A-15-130	647.39	647.4	0.01	silty laminations in black mudstone	BDG	72
A-15-130	648.16	648.17	0.01	laminar pyrite	BDG	78
A-15-130	648.68	648.69	0.01	cleavage	CLV	68
A-15-130	649.15	649.16	0.01	laminar pyrite	BDG	74
A-15-130	649.32	649.33	0.01	cleavage	CLV	72
A-15-130	651.94	651.95	0.01	cleavage	CLV	48
A-15-130	654.97	654.98	0.01	sandy laminations	BDG	78
A-15-130	655.4	655.41	0.01	cleavage	CLV	44
A-15-130	657.76	657.77	0.01	cleavage	CLV	29
A-15-130	658.33	658.34	0.01	weak cleavage (?)	CLV	12
A-15-130	659	659.01	0.01	cleavage	CLV	44
A-15-130	659.95	659.96	0.01	cleavage	CLV	38
A-15-130	661.29	661.3	0.01	weak cleavage (?)	CLV	20
A-15-130	662.05	662.06	0.01	cleavage	CLV	44
A-15-130	663.29	663.3	0.01	cleavage	CLV	40
A-15-130	665.5	665.51	0.01	cleavage	CLV	44
A-15-130	668.98	668.99	0.01	cleavage	CLV	37
A-15-130	670.28	670.29	0.01	cleavage	CLV	19
A-15-130	672.69	672.7	0.01	cleavage	CLV	50
A-15-130	674.35	674.36	0.01	cleavage	CLV	35
A-15-130	675.3	675.31	0.01	cleavage	CLV	40
A-15-130	677.75	677.76	0.01	cleavage	CLV	48
A-15-130	678.4	678.41	0.01	cleavage	CLV	41
A-15-130	679.03	679.13	0.1	minor gouge	FLT	55
A-15-130	686.08	686.09	0.01	cleavage	CLV	20
A-15-130	687.09	687.1	0.01	cleavage	CLV	24
A-15-130	689.72	689.73	0.01	cleavage	CLV	20

										AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM
A-15-130	566.01	567.00	0.99	2695518		0.01	99.00		VAN15002577	48.1	48.4	18.6	2761
A-15-130	567.00	568.00	1.00	2695519		0.01	99.00		VAN15002577	38.6	52.1	29.7	830
A-15-130	568.00	569.00	1.00	2695520		0.01	99		VAN15002577	29	41.3	18.1	170
A-15-130	569.00	569.82	0.82	2695521		0.01	99.00		VAN15002577	36.9	40.1	24.2	794
A-15-130	569.82	570.53	0.71	2695522	healed fault	0.01	50.00		VAN15002577	31.4	29.8	37.7	646
A-15-130			0.00	2695523	STANDARD PB 145				VAN15002577	8.5	1887.4	13334.9	16042
A-15-130	570.53	571.36	0.83	2695524	proximal pyrite	25.00	75.00		VAN15002577	24.3	56.7	164.3	638
A-15-130	571.36	572.11	0.75	2695525	proximal pyrite	3.00	97.00		VAN15002577	9.6	18.2	13.7	1301
A-15-130	572.11	573.11	1.00	2695526	qtz-carb veining + proximal py	14.00	86.00		VAN15002577	19.6	22.8	46.1	1684
A-15-130	573.11	574.11	1.00	2695527	qtz-carb veining + proximal py	26.00	74.00		VAN15002577	26.5	50.3	191.5	1304
A-15-130	574.11	575.00	0.89	2695528	qtz-carb veining + proximal py	25.00	75.00		VAN15002577	24.2	59.9	327	260
A-15-130	575.00	575.72	0.72	2695529	proximal pyrite	20.00	80.00		VAN15002577	40.8	56.1	174.3	5173
A-15-130	575.72	577.09	1.37	2695530		0.01	99.00		VAN15002577	16.9	23.5	29.1	1445
A-15-130	577.09	578.10	1.01	2695531	proximal pyrite	40.00	60.00		VAN15002577	27.4	60.1	222.7	236
A-15-130	578.10	578.65	0.55	2695532	proximal pyrite	30.00	70.00		VAN15002577	34.5	43.4	197.2	1431
A-15-130			0.00	2695533	PULP DUPLICATE				VAN15002577	36.9	42.6	194.1	1436
A-15-130	578.65	579.40	0.75	2695534		0.01	99.00		VAN15002577	10	12.8	16	1447
A-15-130	579.40	580.17	0.77	2695535	proximal pyrite	40.00	60.00		VAN15002577	29.8	50.6	341.6	1065
A-15-130	580.17	581.25	1.08	2695536		0.01	99.00		VAN15002577	37	18.5	14.5	6541
A-15-130	581.25	582.00	0.75	2695537	proximal pyrite	25.00	75.00		VAN15002577	24.9	54.4	188.5	1190
A-15-130	582.00	583.40	1.40	2695538		0.01	99.00		VAN15002577	9.2	14.7	10.1	1432
A-15-130	583.40	584.02	0.62	2695539	proximal pyrite	33.00	67.00		VAN15002577	24.3	58.5	297.6	1271
A-15-130	584.02	584.64	0.62	2695540		0.01	99.00		VAN15002577	12.5	13.4	27.4	1687
A-15-130	584.64	585.65	1.01	2695541	proximal pyrite	38.00	62.00		VAN15002577	27.4	42.5	336	2220
A-15-130	585.65	586.40	0.75	2695542	proximal pyrite	10.00	90.00		VAN15002577	12.9	29.9	80.5	2020
A-15-130			0.00	2695543	BLANK BL 125				VAN15002577	5.1	89	4.3	42
A-15-130	586.40	587.02	0.62	2695544	proximal pyrite	66.00	34.00		VAN15002577	33	44.6	419.3	1964
A-15-130	587.02	588.29	1.27	2695545	proximal pyrite	8.00	92.00		VAN15002577	17.1	26.2	69.5	2591
A-15-130	588.29	589.05	0.76	2695546	proximal pyrite	95.00	5.00		VAN15002577	43.8	54	584.1	778
A-15-130	589.05	589.53	0.48	2695547		0.01	99.00		VAN15002577	6.5	11.7	17.8	1062
A-15-130	589.53	590.16	0.63	2695548	mostly shale	10.00	90.00		VAN15002577	15.1	30.9	110.2	1295
A-15-130	590.16	590.80	0.64	2695549	chert bed	0.01	0.00		VAN15002577	5.4	12.4	17.4	1022
A-15-130	590.80	591.75	0.95	2695550		0.01	99.00		VAN15002577	37.1	38.5	38	6665
A-15-130	591.75	592.57	0.82	2695551		0.01	99.00		VAN15002577	27.9	35.9	42.2	6701
A-15-130	592.57	593.18	0.61	2695552	proximal pyrite	45.00	55.00		VAN15002577	32.8	137.7	466.9	2398
A-15-130			0.00	2695553	COARSE DUPLICATE				VAN15002577	33.1	130.5	440.1	2386
A-15-130	593.18	594.02	0.84	2695554	proximal pyrite	19.00	81.00		VAN15002577	19.2	55.9	247	888
A-15-130	594.02	595.00	0.98	2695555		0.01	99.00		VAN15002577	7.8	14.2	23	1439
A-15-130	595.00	596.00	1.00	2695556		0.01	99.00		VAN15002577	7.8	14.1	15.3	1603
A-15-130	596.00	596.59	0.59	2695557		0.01	99.00		VAN15002577	11.1	17.3	31.3	1971
A-15-130	596.59	597.59	1.00	2695558	dominantly py w/ minor sph	78.00	22.00		VAN15002577	40.4	58.3	1234	13374
A-15-130	597.59	598.44	0.85	2695559	dominantly py w/ minor sph	70.00	30.00		VAN15002577	30.6	43.1	1225.8	10436

					AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-130	566.01	567.00	0.99	2695518	0.6	7595	88.5	8.9	39	1.36	20	12.6	4.3	113	28.1	8.8	<0.5	152
A-15-130	567.00	568.00	1.00	2695519	0.9	7464	102	9.6	100	2.54	29	9.6	4.3	179	7.6	11.5	<0.5	111
A-15-130	568.00	569.00	1.00	2695520	<0.5	6148	73.5	8.3	428	2.12	19	7.8	4	436	1.5	6.6	<0.5	85
A-15-130	569.00	569.82	0.82	2695521	0.5	10157	81.8	9.4	112	1.81	25	9.5	4.2	306	6.7	7.2	<0.5	89
A-15-130	569.82	570.53	0.71	2695522	<0.5	13687	69.5	9	259	2.43	22	9.2	4.3	1004	6.1	5.9	<0.5	48
A-15-130			0.00	2695523	62.7	654	16	18.1	1406	4.06	58	0.9	2.3	78	123.7	159.3	5.2	74
A-15-130	570.53	571.36	0.83	2695524	3.8	7671	85	7.3	120	7.09	56	2.3	5.3	102	5.6	15.4	<0.5	71
A-15-130	571.36	572.11	0.75	2695525	<0.5	9523	43	7.7	348	2.49	12	2.1	8.1	383	11.7	2.4	<0.5	73
A-15-130	572.11	573.11	1.00	2695526	1	16769	54.5	5.4	493	3.14	23	6.4	3.7	831	16	4.8	<0.5	56
A-15-130	573.11	574.11	1.00	2695527	3.6	9623	79.3	6.7	209	7.98	59	2.6	4.6	345	12.6	14.7	<0.5	61
A-15-130	574.11	575.00	0.89	2695528	4.8	16832	90.5	5.7	243	8.1	61	5.7	3.2	660	2.7	17.2	<0.5	60
A-15-130	575.00	575.72	0.72	2695529	4	8431	103.6	8.4	119	4.81	50	7	5	80	54.5	14.3	<0.5	112
A-15-130	575.72	577.09	1.37	2695530	1.1	8308	58.7	7.2	141	1.94	20	2.5	5.9	339	14.6	5.5	<0.5	72
A-15-130	577.09	578.10	1.01	2695531	4.9	9406	92.8	6.3	226	8.87	71	2	4.1	236	2.5	18.5	<0.5	54
A-15-130	578.10	578.65	0.55	2695532	3.1	19601	93.3	6.8	176	7.13	57	4.5	3.7	177	13.6	14.4	<0.5	72
A-15-130			0.00	2695533	3.1	19023	95.5	6.9	172	7.2	55	4.6	3.6	182	13.5	14.4	<0.5	73
A-15-130	578.65	579.40	0.75	2695534	<0.5	13160	47.9	8	58	1.37	15	1.7	6.8	90	12.3	3.3	<0.5	60
A-15-130	579.40	580.17	0.77	2695535	4.6	10272	90.5	4.7	384	11.75	83	2.1	3	374	9.6	20.1	<0.5	63
A-15-130	580.17	581.25	1.08	2695536	<0.5	6822	71.5	8.5	102	1.33	15	6.7	5.4	128	50.5	3.2	<0.5	115
A-15-130	581.25	582.00	0.75	2695537	2.7	6988	92.2	6.9	192	6.86	59	2.6	5.3	247	9.9	11.8	<0.5	63
A-15-130	582.00	583.40	1.40	2695538	<0.5	8206	35.3	7.7	191	1.73	9	1.8	8.1	217	10.5	2.3	<0.5	59
A-15-130	583.40	584.02	0.62	2695539	2.9	6317	82.7	6.5	316	8.54	56	1.9	5.1	247	9.6	11.4	<0.5	51
A-15-130	584.02	584.64	0.62	2695540	<0.5	9753	49.4	6.7	59	1.48	15	2	6.9	151	11.9	2.8	<0.5	70
A-15-130	584.64	585.65	1.01	2695541	3.8	10719	90.2	6.6	238	9.69	67	2	4.1	589	15.7	13.3	<0.5	43
A-15-130	585.65	586.40	0.75	2695542	1.6	20226	67.6	7.3	146	3.69	28	1.6	6.3	156	14.1	4.6	<0.5	44
A-15-130			0.00	2695543	<0.5	605	14.4	9.2	476	3.37	<5	0.9	2.8	89	<0.5	<0.5	<0.5	96
A-15-130	586.40	587.02	0.62	2695544	5.8	21374	97.9	4.8	277	16.23	96	1.7	1.5	62	13.7	17.3	<0.5	44
A-15-130	587.02	588.29	1.27	2695545	2	19589	62.4	5.9	208	3.72	26	2.6	5	620	17.8	4.6	<0.5	54
A-15-130	588.29	589.05	0.76	2695546	6.6	15488	121.7	4.9	267	18.31	118	2.1	1.5	122	6.4	24.7	<0.5	44
A-15-130	589.05	589.53	0.48	2695547	<0.5	8865	42.2	6.8	152	1.8	11	1.6	6.8	320	7.3	1.9	<0.5	45
A-15-130	589.53	590.16	0.63	2695548	2.8	6670	68.6	6.6	111	3.94	33	2.3	6.4	173	9.6	7.7	<0.5	56
A-15-130	590.16	590.80	0.64	2695549	0.7	7703	19.2	1.6	156	1.22	8	1.4	1	757	6.7	1.8	<0.5	34
A-15-130	590.80	591.75	0.95	2695550	2.7	10498	108.9	9.3	31	2.43	32	7.6	6.5	140	36.4	6	<0.5	135
A-15-130	591.75	592.57	0.82	2695551	2.1	8400	91.4	8.7	68	2.37	25	5.7	6.5	195	35.3	5.5	<0.5	93
A-15-130	592.57	593.18	0.61	2695552	11.1	8976	108.8	6.2	258	12.64	92	2.7	4	382	14.6	40.9	<0.5	63
A-15-130			0.00	2695553	10.6	9227	108.8	6.1	269	12.55	92	2.6	4.1	360	14.4	42.2	<0.5	70
A-15-130	593.18	594.02	0.84	2695554	3.5	12466	72.2	5.8	242	5.77	40	2	6.4	380	5.5	13.3	<0.5	56
A-15-130	594.02	595.00	0.98	2695555	0.6	13535	54.5	7.2	114	1.74	11	1.7	7.7	283	8.4	2.4	<0.5	43
A-15-130	595.00	596.00	1.00	2695556	<0.5	8930	54	7.4	123	1.56	9	1.7	7.4	434	8.8	1.8	<0.5	50
A-15-130	596.00	596.59	0.59	2695557	0.7	11807	63.7	6.3	195	2	12	2.4	6.3	711	10.1	2	<0.5	51
A-15-130	596.59	597.59	1.00	2695558	7.7	29565	93.2	3.8	337	15.79	97	2.4	1.4	289	67.5	20	<0.5	66
A-15-130	597.59	598.44	0.85	2695559	5	25607	90.9	4.7	307	14.25	87	2.1	1.4	389	50.8	15.5	<0.5	71

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM
A-15-130	566.01	567.00	0.99	2695518	0.37	0.045	19	9.8	0.05	2695	0.005	0.58	<0.01	0.28	<0.5	0.18	1.6	1.3
A-15-130	567.00	568.00	1.00	2695519	0.87	0.041	17.1	8.4	0.06	1276	0.005	0.56	<0.01	0.27	<0.5	0.21	2	2.8
A-15-130	568.00	569.00	1.00	2695520	3.63	0.047	14.6	7.3	0.07	1685	0.005	0.48	<0.01	0.24	<0.5	0.11	2.2	1.6
A-15-130	569.00	569.82	0.82	2695521	1.84	0.043	17.8	6.7	0.05	1673	0.005	0.51	<0.01	0.23	<0.5	0.16	1.6	2.5
A-15-130	569.82	570.53	0.71	2695522	3.36	0.05	18.2	8.7	0.17	1428	0.004	0.43	<0.01	0.22	<0.5	0.1	2	1.8
A-15-130			0.00	2695523	1.96	0.051	7	22.9	1.29	250	0.133	1.59	0.2	0.2	1.1	0.53	3	0.9
A-15-130	570.53	571.36	0.83	2695524	0.49	0.064	21.4	12.9	0.07	246	0.007	0.75	<0.01	0.38	<0.5	0.31	1.9	6
A-15-130	571.36	572.11	0.75	2695525	2.48	0.074	30.4	11.2	0.62	2315	0.007	0.86	<0.01	0.49	<0.5	<0.05	3.7	2.1
A-15-130	572.11	573.11	1.00	2695526	5.34	0.089	14.8	9.4	0.2	531	0.004	0.44	<0.01	0.24	<0.5	0.11	1.9	2.3
A-15-130	573.11	574.11	1.00	2695527	1.32	0.073	17.6	10.3	0.14	190	0.005	0.52	<0.01	0.3	<0.5	0.35	1.5	7.1
A-15-130	574.11	575.00	0.89	2695528	3.03	0.052	12.9	10.5	0.16	201	0.003	0.41	<0.01	0.21	<0.5	0.19	2.1	5.1
A-15-130	575.00	575.72	0.72	2695529	0.62	0.093	19.9	12.8	0.14	349	0.006	0.68	<0.01	0.36	<0.5	0.29	2.4	7.7
A-15-130	575.72	577.09	1.37	2695530	2.05	0.066	25.4	10.5	0.24	2178	0.006	0.66	<0.01	0.38	<0.5	0.1	3	2.7
A-15-130	577.09	578.10	1.01	2695531	1.23	0.04	16.5	8.3	0.16	156	0.005	0.54	<0.01	0.29	<0.5	0.28	2.3	8.2
A-15-130	578.10	578.65	0.55	2695532	1.03	0.067	15.1	10	0.1	203	0.004	0.58	<0.01	0.31	<0.5	0.24	2.4	7
A-15-130			0.00	2695533	1.03	0.068	15.8	10.1	0.1	205	0.004	0.58	<0.01	0.29	<0.5	0.28	1.8	7.1
A-15-130	578.65	579.40	0.75	2695534	0.54	0.071	27.5	10.8	0.13	2699	0.005	0.86	<0.01	0.38	<0.5	0.07	2.3	2.1
A-15-130	579.40	580.17	0.77	2695535	2.57	0.044	11.7	10.8	0.43	108	0.005	0.57	<0.01	0.26	<0.5	0.41	2.4	11.9
A-15-130	580.17	581.25	1.08	2695536	0.94	0.151	21.6	12.4	0.12	1726	0.006	0.7	<0.01	0.35	<0.5	0.17	2.8	2.2
A-15-130	581.25	582.00	0.75	2695537	1.26	0.074	18.9	11.2	0.16	254	0.005	0.62	<0.01	0.35	<0.5	0.22	2.5	7.1
A-15-130	582.00	583.40	1.40	2695538	1.68	0.067	33.7	8.6	0.48	1432	0.005	0.73	<0.01	0.41	<0.5	0.09	4.7	2.2
A-15-130	583.40	584.02	0.62	2695539	1.84	0.054	19.4	8.9	0.52	228	0.005	0.56	<0.01	0.32	<0.5	0.2	3.1	8.5
A-15-130	584.02	584.64	0.62	2695540	0.54	0.082	28.8	11.5	0.1	2606	0.006	0.76	<0.01	0.41	<0.5	0.1	2.6	2.4
A-15-130	584.64	585.65	1.01	2695541	1.17	0.058	15.5	8.3	0.13	179	0.004	0.64	<0.01	0.26	<0.5	0.4	2.1	12.1
A-15-130	585.65	586.40	0.75	2695542	0.85	0.069	24	8.2	0.2	518	0.004	0.97	<0.01	0.28	<0.5	0.16	2.5	5.2
A-15-130			0.00	2695543	1.09	0.058	7.1	17.9	0.79	136	0.168	1.87	0.25	0.23	0.6	<0.05	3.9	<0.5
A-15-130	586.40	587.02	0.62	2695544	0.52	0.04	7.3	8.4	0.12	81	0.004	0.99	<0.01	0.18	<0.5	0.8	1.9	24.2
A-15-130	587.02	588.29	1.27	2695545	2.96	0.08	20.3	9.2	0.23	495	0.004	0.93	<0.01	0.25	<0.5	0.23	2.7	5.3
A-15-130	588.29	589.05	0.76	2695546	0.42	0.034	6.6	8.4	0.06	70	0.004	0.77	<0.01	0.17	<0.5	1.03	1.4	26.2
A-15-130	589.05	589.53	0.48	2695547	1.44	0.079	29.3	7.2	0.25	2090	0.004	0.61	<0.01	0.3	<0.5	0.06	2.7	2.2
A-15-130	589.53	590.16	0.63	2695548	0.88	0.069	22.9	8.6	0.21	1006	0.005	0.56	<0.01	0.29	<0.5	0.22	2.2	6.3
A-15-130	590.16	590.80	0.64	2695549	2.57	0.024	3.7	7	0.15	3602	0.002	0.17	<0.01	0.08	<0.5	<0.05	1.2	2
A-15-130	590.80	591.75	0.95	2695550	0.45	0.15	26.9	14.1	0.05	748	0.006	0.65	<0.01	0.31	<0.5	0.38	2.1	6.3
A-15-130	591.75	592.57	0.82	2695551	0.75	0.121	26.9	12.2	0.07	929	0.005	0.56	<0.01	0.28	<0.5	0.32	2.4	6.3
A-15-130	592.57	593.18	0.61	2695552	1.1	0.061	12.8	9.5	0.17	102	0.004	0.45	<0.01	0.22	<0.5	0.27	2.1	42.5
A-15-130			0.00	2695553	1.07	0.058	13.1	10.5	0.18	102	0.005	0.49	<0.01	0.24	<0.5	0.33	2.5	43.1
A-15-130	593.18	594.02	0.84	2695554	1.8	0.061	21.7	8.3	0.45	239	0.004	0.53	<0.01	0.25	<0.5	0.16	3.2	17.9
A-15-130	594.02	595.00	0.98	2695555	1.2	0.078	27.6	8.1	0.22	1171	0.004	0.59	<0.01	0.3	<0.5	0.1	3.1	4.7
A-15-130	595.00	596.00	1.00	2695556	1.43	0.08	27.5	9.5	0.2	1840	0.005	0.65	<0.01	0.31	<0.5	0.12	3.2	3.5
A-15-130	596.00	596.59	0.59	2695557	1.89	0.098	23.2	9.4	0.27	1082	0.005	0.55	<0.01	0.26	<0.5	0.12	2.9	4.6
A-15-130	596.59	597.59	1.00	2695558	0.68	0.039	6.2	9.2	0.14	96	0.003	0.74	<0.01	0.14	<0.5	0.77	2.2	69.9
A-15-130	597.59	598.44	0.85	2695559	1.02	0.045	7.1	9.1	0.14	137	0.004	0.51	<0.01	0.17	<0.5	0.56	2	64.4

					AQ270	AQ270	AQ270	SPG01	WGHT
					S	Ga	Se	SG	Wgt
HOLE ID	FROM	TO	LENGTH	SAMPLE #	%	PPM	PPM	NONE	KG
A-15-130	566.01	567.00	0.99	2695518	1.59	<5	12	2.499	2.07
A-15-130	567.00	568.00	1.00	2695519	2.88	<5	11	2.581	1.98
A-15-130	568.00	569.00	1.00	2695520	2.44	<5	7	2.56	2.46
A-15-130	569.00	569.82	0.82	2695521	2.09	<5	7	2.569	1.78
A-15-130	569.82	570.53	0.71	2695522	2.58	<5	6	2.568	1.38
A-15-130			0.00	2695523	1.75	5	4	N.A.	0.02
A-15-130	570.53	571.36	0.83	2695524	8.21	<5	12	2.797	2.01
A-15-130	571.36	572.11	0.75	2695525	1.7	<5	6	2.696	2.1
A-15-130	572.11	573.11	1.00	2695526	3.24	<5	8	2.697	2.24
A-15-130	573.11	574.11	1.00	2695527	9.1	<5	15	2.783	2.49
A-15-130	574.11	575.00	0.89	2695528	9.1	<5	24	2.796	1.94
A-15-130	575.00	575.72	0.72	2695529	5.71	<5	25	2.633	1.78
A-15-130	575.72	577.09	1.37	2695530	1.89	<5	10	2.609	4.2
A-15-130	577.09	578.10	1.01	2695531	10.23	<5	19	2.832	2.79
A-15-130	578.10	578.65	0.55	2695532	7.99	<5	17	2.755	1.35
A-15-130			0.00	2695533	8.03	<5	15	2.752	
A-15-130	578.65	579.40	0.75	2695534	1.37	<5	5	2.637	1.69
A-15-130	579.40	580.17	0.77	2695535	12.87	<5	17	2.879	2.04
A-15-130	580.17	581.25	1.08	2695536	1.67	<5	12	2.545	1.93
A-15-130	581.25	582.00	0.75	2695537	7.73	<5	12	2.82	1.84
A-15-130	582.00	583.40	1.40	2695538	1.06	<5	4	2.645	3.36
A-15-130	583.40	584.02	0.62	2695539	8.9	<5	13	2.853	1.64
A-15-130	584.02	584.64	0.62	2695540	1.64	<5	5	2.654	1.63
A-15-130	584.64	585.65	1.01	2695541	11.08	<5	12	2.878	2.75
A-15-130	585.65	586.40	0.75	2695542	3.97	<5	5	2.739	1.84
A-15-130			0.00	2695543	<0.05	5	<2	N.A.	0.02
A-15-130	586.40	587.02	0.62	2695544	18.62	<5	15	3.112	1.84
A-15-130	587.02	588.29	1.27	2695545	3.99	<5	7	2.726	2.84
A-15-130	588.29	589.05	0.76	2695546	20.95	<5	17	3.218	2.13
A-15-130	589.05	589.53	0.48	2695547	1.92	<5	3	2.648	1.23
A-15-130	589.53	590.16	0.63	2695548	4.44	<5	8	2.729	1.64
A-15-130	590.16	590.80	0.64	2695549	1.19	<5	3	2.67	1.52
A-15-130	590.80	591.75	0.95	2695550	3.1	<5	19	2.564	2.18
A-15-130	591.75	592.57	0.82	2695551	2.98	<5	14	2.596	2.02
A-15-130	592.57	593.18	0.61	2695552	14.58	<5	18	2.924	1.42
A-15-130			0.00	2695553	14.32	<5	19	2.933	
A-15-130	593.18	594.02	0.84	2695554	6.83	<5	10	2.747	2
A-15-130	594.02	595.00	0.98	2695555	2	<5	4	2.69	2.88
A-15-130	595.00	596.00	1.00	2695556	1.8	<5	5	2.631	2.37
A-15-130	596.00	596.59	0.59	2695557	2.23	<5	6	2.601	1.45
A-15-130	596.59	597.59	1.00	2695558	18.13	<5	18	3.127	2.9
A-15-130	597.59	598.44	0.85	2695559	16.23	<5	15	3.106	2.5

										AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-130	598.44	599.07	0.63	2695560		0.01	99.00		VAN15002577	14.9	11.7	59.8	3334
A-15-130	599.07	599.93	0.86	2695561	minor grey sph	44.00	56.00		VAN15002577	24.6	39	1005.9	10524
A-15-130	599.93	601.00	1.07	2695562	minor grey sph	42.00	58.00		VAN15002577	25.1	32.6	1439.2	11886
A-15-130			0.00	2695563	STANDARD PB 145				VAN15002577	8	1885.2	13336.5	17024
A-15-130	601.00	601.96	0.96	2695564	py and grey sph	48.00	52.00		VAN15002577	29.6	71.7	1715.9	19060
A-15-130	601.96	602.89	0.93	2695565		0.01	99.00		VAN15002577	8.9	14.9	151.1	1845
A-15-130	602.89	603.96	1.07	2695566		0.01	99.00		VAN15002577	11.9	18.8	163.6	3066
A-15-130	603.96	604.92	0.96	2695567	py and grey sph	50.00	50.00		VAN15002577	27.3	60.7	2408.1	33088
A-15-130	604.92	605.92	1.00	2695568	abundant grey sph	51.00	49.00		VAN15002577	24.1	46	2715.7	26164
A-15-130	605.92	606.75	0.83	2695569		0.01	99.00		VAN15002577	9.8	18.3	605.4	2845
A-15-130	606.75	607.76	1.01	2695570	abundant grey sph	62.00	38.00		VAN15002577	25.8	54.4	5063.5	56916
A-15-130	607.76	608.15	0.39	2695571	py and grey sph	5.00	95.00		VAN15002577	21	24.5	2322.9	7574
A-15-130	608.15	608.87	0.72	2695572	abundant grey sph	50.00	50.00		VAN15002577	19.5	49.3	7005.4	56007
A-15-130			0.00	2695573	PULP DUPLICATE				VAN15002577	18.8	49.1	7076.1	55855
A-15-130	608.87	609.45	0.58	2695574	abundant grey sph	60.00	40.00		VAN15002577	21.2	44.1	5058.9	46352
A-15-130	609.45	610.00	0.55	2695575	py and grey sph	95.00	5.00		VAN15002577	29.9	55.8	5020.2	47372
A-15-130	610.00	610.95	0.95	2695576	py and grey sph	53.00	47.00		VAN15002577	23	40.1	6050.2	40753
A-15-130	610.95	611.90	0.95	2695577	dominantly grey sph and minor mottled sph	85.00	15.00		VAN15002577	26.3	44	13201.8	91412
A-15-130	611.90	612.40	0.50	2695578		0.01	99.00		VAN15002577	14.9	26.4	4775.1	2697
A-15-130	612.40	613.24	0.84	2695579	dominantly grey sph and minor mottled sph	60.00	40.00		VAN15002577	20.6	47.7	23692.5	86687
A-15-130	613.24	614.24	1.00	2695580	dominantly grey sph and minor mottled sph	66.00	34.00		VAN15002577	23	44.2	12012.7	79086
A-15-130	614.24	614.63	0.39	2695581	chert bed	0.01	0.00		VAN15002577	3.2	7.4	942.6	1578
A-15-130	614.63	615.16	0.53	2695582		0.01	99.00		VAN15002577	27.4	35.4	2409.4	6750
A-15-130			0.00	2695583	BLANK BL 125				VAN15002577	5	93.3	5.9	43
A-15-130	615.16	616.12	0.96	2695584	py and grey sph	66.00	34.00		VAN15002577	31.6	53	9339.1	41229
A-15-130	616.12	617.00	0.88	2695585	py and grey sph	64.00	36.00		VAN15002577	25.9	38.9	9184	47621
A-15-130	617.00	617.47	0.47	2695586	py and grey sph	50.00	50.00		VAN15002577	23.7	40.7	8112.4	50956
A-15-130	617.47	618.10	0.63	2695587	dominantly grey sph and mottled sph	100.00	0.00		VAN15002577	28.7	45.3	12841.5	83697
A-15-130	618.10	618.62	0.52	2695588	py and grey sph	40.00	60.00		VAN15002577	29.3	43.5	9165	44246
A-15-130	618.62	619.45	0.83	2695589	dominantly grey sph and mottled sph	84.00	16.00		VAN15002577	29.8	44	18288.6	78459
A-15-130	619.45	620.20	0.75	2695590	dominantly grey sph and mottled sph	50.00	50.00		VAN15002577	19.4	37.3	13536.2	68911
A-15-130	620.20	621.21	1.01	2695591	dominantly grey sph and mottled sph	90.00	10.00		VAN15002577	24.2	48.9	29397	128766
A-15-130	621.21	622.00	0.79	2695592	dominantly grey sph and mottled sph	74.00	26.00		VAN15002577	21.4	52.4	27499	149091
A-15-130			0.00	2695593	COARSE DUPLICATE				VAN15002577	21.7	52.9	27458.1	149205
A-15-130	622.00	622.67	0.67	2695594	dominantly grey sph and mottled sph	75.00	25.00		VAN15002577	26.3	51.9	23471.8	110374
A-15-130	622.67	623.12	0.45	2695595		0.01	99.00		VAN15002577	27.7	26	2685.7	7666
A-15-130	623.12	623.93	0.81	2695596	dominantly grey sph and mottled sph	62.00	38.00		VAN15002577	23.3	52.3	18332.6	97026
A-15-130	623.93	624.85	0.92	2695597	dominantly grey sph and mottled sph	66.00	34.00		VAN15002577	26.7	47.4	22931	82133
A-15-130	624.85	625.75	0.90	2695598	dominantly grey sph and mottled sph	78.00	22.00		VAN15002577	26	85.6	31471	121501
A-15-130	625.75	626.38	0.63	2695599	mostly py	27.00	73.00		VAN15002577	26	45.1	1144.8	1494
A-15-130	626.38	627.00	0.62	2695600		0.01	99		VAN15002577	17.6	30.4	844.1	8609
A-15-130	627.00	628.50	1.50	2695601		0.01	99		VAN15002577	19.1	23.5	648.3	2104

					AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-130	598.44	599.07	0.63	2695560	<0.5	20894	61.6	6.7	144	1.49	8	3.8	6.3	1101	17.1	1.1	<0.5	65
A-15-130	599.07	599.93	0.86	2695561	3	30062	84.2	5.5	229	9.16	57	3.2	3.4	565	52.2	10.4	<0.5	67
A-15-130	599.93	601.00	1.07	2695562	4.1	33760	78.1	5	259	11.05	64	2.6	2.4	559	60.1	13.8	<0.5	69
A-15-130			0.00	2695563	60.5	642	14.2	17.4	1404	3.95	56	0.8	2.6	76	126.3	155	5.2	76
A-15-130	601.00	601.96	0.96	2695564	5.2	29584	93.9	5.3	304	12.02	74	3.3	2	652	100.2	27.5	<0.5	69
A-15-130	601.96	602.89	0.93	2695565	<0.5	9014	60.1	7.4	107	1.65	10	2	7.1	246	10.1	2.6	<0.5	54
A-15-130	602.89	603.96	1.07	2695566	<0.5	9951	70.4	7.6	144	1.76	11	2.4	7	494	17.3	3.3	<0.5	60
A-15-130	603.96	604.92	0.96	2695567	5.9	44184	84.5	4.7	377	12.91	64	3	1.8	1670	155	30.7	<0.5	79
A-15-130	604.92	605.92	1.00	2695568	4.8	46527	79	5.5	332	9.62	44	3.8	2.2	756	125	28.3	<0.5	76
A-15-130	605.92	606.75	0.83	2695569	<0.5	31998	60.8	7.5	79	1.41	9	2.6	6.6	524	14.1	3.1	<0.5	65
A-15-130	606.75	607.76	1.01	2695570	7.1	49205	76.7	4	395	12.89	51	3.9	1.4	1240	277.4	40.1	<0.5	86
A-15-130	607.76	608.15	0.39	2695571	1.5	51598	77.8	7.2	143	3.11	15	5.2	5.4	751	36.6	9.9	<0.5	93
A-15-130	608.15	608.87	0.72	2695572	5.7	61456	66.2	4.9	345	9.22	30	3.2	1.8	920	323.3	31.5	<0.5	93
A-15-130			0.00	2695573	5.7	61471	64	4.5	358	9.13	30	3.3	2	892	305.8	31.6	<0.5	94
A-15-130	608.87	609.45	0.58	2695574	5.9	72722	65	4.7	310	9.83	32	3.6	1.6	951	254.1	34.2	<0.5	113
A-15-130	609.45	610.00	0.55	2695575	8.8	66255	74.5	4.1	409	12.27	49	4.4	1	1583	267.6	47.8	<0.5	118
A-15-130	610.00	610.95	0.95	2695576	7.6	64194	69.6	4.5	326	8.68	39	3.4	2.2	1338	227.1	24.8	<0.5	124
A-15-130	610.95	611.90	0.95	2695577	15.2	62513	71	3.2	485	14.68	66	2.5	0.5	996	506.4	30.2	<0.5	119
A-15-130	611.90	612.40	0.50	2695578	1.5	58772	79.6	7.8	94	1.59	13	2.6	4.5	558	16	5.4	<0.5	40
A-15-130	612.40	613.24	0.84	2695579	11.8	70201	70.1	5	407	7.28	33	3.3	1	703	595.2	19.3	<0.5	91
A-15-130	613.24	614.24	1.00	2695580	12.8	51167	62.4	3.8	480	10.34	49	3.6	1.2	624	456.9	23.9	<0.5	95
A-15-130	614.24	614.63	0.39	2695581	<0.5	56563	20.6	1.4	244	1.06	5	0.9	0.8	3291	10.7	1.4	<0.5	33
A-15-130	614.63	615.16	0.53	2695582	3.3	11475	108.4	7.5	125	3.37	41	5.9	4.4	188	45.7	7.1	<0.5	150
A-15-130			0.00	2695583	<0.5	605	13.5	9.5	499	3.31	<5	0.9	2.9	88	<0.5	<0.5	<0.5	95
A-15-130	615.16	616.12	0.96	2695584	12.7	23929	80	4.3	414	15.68	86	3.9	1.5	419	277.3	27.3	<0.5	81
A-15-130	616.12	617.00	0.88	2695585	11.4	32815	71.7	4.4	449	13.52	68	3.4	1.4	472	293.3	16.7	<0.5	76
A-15-130	617.00	617.47	0.47	2695586	9.4	27534	73.3	4.6	442	11.15	53	3.5	1.8	475	322.7	13.7	<0.5	72
A-15-130	617.47	618.10	0.63	2695587	16.7	33040	70.4	3.3	703	18.16	76	3.8	1.4	429	508.6	22.7	<0.5	82
A-15-130	618.10	618.62	0.52	2695588	7.7	29539	84.8	7.1	481	8.08	38	5.2	8.4	535	285.7	12.1	<0.5	84
A-15-130	618.62	619.45	0.83	2695589	19.2	27228	71.3	3	521	17.81	74	4.3	0.8	677	497.4	21.8	<0.5	86
A-15-130	619.45	620.20	0.75	2695590	10.5	47022	66.9	5.1	392	8.21	36	4.1	2.3	347	427	10.3	<0.5	80
A-15-130	620.20	621.21	1.01	2695591	23.9	41028	56.5	2.9	626	16.35	66	3.6	0.9	231	803.5	15.6	<0.5	78
A-15-130	621.21	622.00	0.79	2695592	22.6	38465	57.5	3.2	640	13.21	59	3.4	0.8	259	909.1	14.4	<0.5	69
A-15-130			0.00	2695593	23.4	38447	59.4	3.3	649	13.38	57	3.3	0.8	262	910.8	14.8	<0.5	75
A-15-130	622.00	622.67	0.67	2695594	20.9	30938	64.8	3.4	578	14.24	65	4.1	1.5	355	657.9	20.1	<0.5	81
A-15-130	622.67	623.12	0.45	2695595	1.5	18365	99.3	7.9	151	1.49	12	6.4	6.3	107	50.3	2.9	<0.5	102
A-15-130	623.12	623.93	0.81	2695596	18.2	22903	64.1	3.8	485	13.45	62	3.3	1.5	243	582	20.8	<0.5	76
A-15-130	623.93	624.85	0.92	2695597	19	30100	70.6	4.1	458	13.47	68	3.3	1.3	248	531.1	20	<0.5	71
A-15-130	624.85	625.75	0.90	2695598	25.5	17807	64.1	3.1	651	15.23	81	3.4	1.4	161	794.2	42.6	<0.5	69
A-15-130	625.75	626.38	0.63	2695599	2.5	6585	86.3	6	309	3.8	50	4	4.5	363	10.9	19.9	<0.5	70
A-15-130	626.38	627.00	0.62	2695600	1.2	5889	73	6.7	276	2.45	16	4.1	5.5	177	60.2	9.3	<0.5	69
A-15-130	627.00	628.50	1.50	2695601	0.6	6524	80.6	8.3	173	1.92	15	4	6.9	172	15.2	6.3	<0.5	77

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM
A-15-130	598.44	599.07	0.63	2695560	1.11	0.087	22.4	8.3	0.25	1029	0.005	0.53	<0.01	0.24	<0.5	0.08	3.1	3.6
A-15-130	599.07	599.93	0.86	2695561	1.77	0.067	12.2	8.9	0.16	199	0.004	0.69	<0.01	0.2	<0.5	0.37	2.4	43.4
A-15-130	599.93	601.00	1.07	2695562	0.79	0.047	10.5	8.8	0.17	128	0.004	0.66	<0.01	0.2	<0.5	0.4	2.3	59.1
A-15-130			0.00	2695563	1.94	0.049	6.9	22.9	1.26	240	0.133	1.58	0.19	0.19	1.3	0.52	3	0.9
A-15-130	601.00	601.96	0.96	2695564	1.22	0.046	8.1	7.6	0.16	133	0.004	0.51	<0.01	0.17	<0.5	0.5	1.9	70.1
A-15-130	601.96	602.89	0.93	2695565	1.1	0.072	25.2	8	0.23	1794	0.005	0.56	<0.01	0.27	<0.5	0.06	2.9	3.7
A-15-130	602.89	603.96	1.07	2695566	1.44	0.076	25.4	8.9	0.26	1571	0.005	0.55	<0.01	0.27	<0.5	0.1	2.7	4.6
A-15-130	603.96	604.92	0.96	2695567	1.46	0.042	7	8.5	0.25	158	0.004	0.37	<0.01	0.14	<0.5	0.77	2.2	87
A-15-130	604.92	605.92	1.00	2695568	1.24	0.043	8.9	8.5	0.24	190	0.004	0.56	<0.01	0.15	<0.5	0.51	3.3	75.9
A-15-130	605.92	606.75	0.83	2695569	0.46	0.064	23.5	8.2	0.16	1876	0.005	0.84	<0.01	0.25	<0.5	0.06	3.2	5.7
A-15-130	606.75	607.76	1.01	2695570	1.01	0.036	5.4	8.2	0.22	142	0.003	0.44	<0.01	0.12	0.6	1.08	2.9	118.6
A-15-130	607.76	608.15	0.39	2695571	1.03	0.062	18.9	8.4	0.2	689	0.004	1	<0.01	0.21	<0.5	0.15	4.6	20.5
A-15-130	608.15	608.87	0.72	2695572	1.27	0.044	7.8	8.7	0.29	167	0.004	0.64	<0.01	0.14	0.5	1.06	4.3	102.5
A-15-130			0.00	2695573	1.27	0.043	8.3	8.4	0.3	185	0.004	0.63	<0.01	0.14	<0.5	1.05	4.3	96.5
A-15-130	608.87	609.45	0.58	2695574	1.05	0.04	7.5	9.9	0.26	193	0.003	0.84	<0.01	0.11	0.5	0.83	5	99.2
A-15-130	609.45	610.00	0.55	2695575	1.39	0.036	4.7	8.7	0.24	139	0.003	0.59	<0.01	0.1	0.6	0.94	4.1	127.8
A-15-130	610.00	610.95	0.95	2695576	0.61	0.043	8.8	12.4	0.25	210	0.004	0.92	<0.01	0.14	<0.5	0.84	5.5	108.1
A-15-130	610.95	611.90	0.95	2695577	0.81	0.028	3.2	12.4	0.21	125	0.002	0.35	<0.01	0.07	<0.5	2.16	3.6	203.8
A-15-130	611.90	612.40	0.50	2695578	0.28	0.065	16.4	5.7	0.27	3284	0.002	0.6	<0.01	0.12	<0.5	0.13	7.1	14
A-15-130	612.40	613.24	0.84	2695579	1.2	0.04	5.7	9.7	0.21	183	0.003	0.92	<0.01	0.1	<0.5	2.36	4.4	127.8
A-15-130	613.24	614.24	1.00	2695580	1.38	0.043	5.3	10.6	0.19	149	0.004	0.72	<0.01	0.12	<0.5	2.13	3.8	167.4
A-15-130	614.24	614.63	0.39	2695581	2.58	0.033	3.8	5.8	0.15	18828	0.002	0.16	<0.01	0.06	<0.5	0.05	1.3	4.6
A-15-130	614.63	615.16	0.53	2695582	1.3	0.2	12.8	19.1	0.08	424	0.007	0.57	<0.01	0.26	<0.5	0.18	1.8	23
A-15-130			0.00	2695583	1.1	0.059	6.9	17.9	0.79	142	0.175	1.9	0.24	0.23	0.8	<0.05	3.4	<0.5
A-15-130	615.16	616.12	0.96	2695584	0.69	0.044	5.4	9.8	0.14	100	0.005	0.47	<0.01	0.19	0.6	1.2	1.6	191.1
A-15-130	616.12	617.00	0.88	2695585	0.98	0.044	5.3	10.3	0.19	113	0.004	0.41	<0.01	0.19	<0.5	1.5	2.3	170.3
A-15-130	617.00	617.47	0.47	2695586	0.98	0.055	6.1	9.8	0.22	145	0.004	0.4	<0.01	0.19	<0.5	1.54	2.5	144.1
A-15-130	617.47	618.10	0.63	2695587	1.11	0.04	5.4	5.7	0.17	123	0.004	0.26	<0.01	0.11	<0.5	2.5	1.5	242.7
A-15-130	618.10	618.62	0.52	2695588	1.91	0.098	16.4	9.7	0.21	172	0.006	0.44	<0.01	0.2	0.5	1.51	2.6	113.2
A-15-130	618.62	619.45	0.83	2695589	0.57	0.028	3.7	9.3	0.13	74	0.004	0.32	<0.01	0.14	<0.5	2.58	1.9	241.9
A-15-130	619.45	620.20	0.75	2695590	0.86	0.065	8.2	9.5	0.27	162	0.004	0.49	<0.01	0.19	<0.5	2.05	3.3	146.6
A-15-130	620.20	621.21	1.01	2695591	0.67	0.031	3.4	9.3	0.23	90	0.002	0.33	0.03	0.07	<0.5	4.45	2.7	258.7
A-15-130	621.21	622.00	0.79	2695592	0.89	0.037	3	8.1	0.19	85	0.003	0.39	<0.01	0.11	<0.5	4.91	2.1	239.1
A-15-130			0.00	2695593	0.91	0.04	3	8.6	0.19	83	0.003	0.41	<0.01	0.12	<0.5	5.1	2.1	237.7
A-15-130	622.00	622.67	0.67	2695594	1.06	0.034	4.3	8.7	0.22	108	0.004	0.33	<0.01	0.14	<0.5	3.69	2.1	224.7
A-15-130	622.67	623.12	0.45	2695595	0.52	0.098	17.4	11.5	0.17	1737	0.006	0.59	<0.01	0.29	<0.5	0.32	2.3	8.8
A-15-130	623.12	623.93	0.81	2695596	0.76	0.039	4.9	8.5	0.25	76	0.004	0.39	<0.01	0.17	<0.5	3.04	2	186.9
A-15-130	623.93	624.85	0.92	2695597	0.72	0.041	4.7	7.7	0.16	85	0.004	0.67	<0.01	0.17	<0.5	3.08	1.7	198
A-15-130	624.85	625.75	0.90	2695598	1.32	0.035	4.1	7.7	0.14	77	0.003	0.55	<0.01	0.14	<0.5	5.48	1.9	247.8
A-15-130	625.75	626.38	0.63	2695599	1.89	0.069	11.5	7.9	0.16	604	0.005	0.46	<0.01	0.24	<0.5	0.17	2.1	25.1
A-15-130	626.38	627.00	0.62	2695600	1.14	0.069	13	7.5	0.3	957	0.005	0.48	<0.01	0.26	<0.5	0.28	2.3	19.8
A-15-130	627.00	628.50	1.50	2695601	0.99	0.077	15.2	8.5	0.31	1021	0.005	0.58	<0.01	0.32	<0.5	0.09	3	8.2

					AQ270	AQ270	AQ270	SPG01	WGHT
					S	Ga	Se	SG	Wgt
HOLE ID	FROM	TO	LENGTH	SAMPLE #	%	PPM	PPM	NONE	KG
A-15-130	598.44	599.07	0.63	2695560	1.77	<5	6	2.602	1.36
A-15-130	599.07	599.93	0.86	2695561	10.49	<5	13	2.875	2.34
A-15-130	599.93	601.00	1.07	2695562	12.73	<5	15	2.931	2.96
A-15-130			0.00	2695563	1.68	<5	4	N.A.	0.02
A-15-130	601.00	601.96	0.96	2695564	14	<5	23	2.972	2.71
A-15-130	601.96	602.89	0.93	2695565	1.98	<5	7	2.596	2.4
A-15-130	602.89	603.96	1.07	2695566	2.07	<5	9	2.621	2.71
A-15-130	603.96	604.92	0.96	2695567	15.5	<5	23	3.079	2.64
A-15-130	604.92	605.92	1.00	2695568	11.4	<5	23	2.976	3.04
A-15-130	605.92	606.75	0.83	2695569	1.31	<5	9	2.656	1.97
A-15-130	606.75	607.76	1.01	2695570	16.54	<5	30	3.123	2.63
A-15-130	607.76	608.15	0.39	2695571	3.19	<5	14	2.72	1.06
A-15-130	608.15	608.87	0.72	2695572	12.15	<5	36	3.078	2.02
A-15-130			0.00	2695573	12.04	<5	34	3.083	
A-15-130	608.87	609.45	0.58	2695574	12.17	<5	37	3.09	1.63
A-15-130	609.45	610.00	0.55	2695575	15.19	<5	46	3.172	1.45
A-15-130	610.00	610.95	0.95	2695576	10.93	<5	28	3.032	2.56
A-15-130	610.95	611.90	0.95	2695577	19.66	<5	22	3.423	2.65
A-15-130	611.90	612.40	0.50	2695578	1.47	<5	11	2.728	1.23
A-15-130	612.40	613.24	0.84	2695579	11.63	<5	19	3.144	2.6
A-15-130	613.24	614.24	1.00	2695580	14.74	<5	20	3.134	3.02
A-15-130	614.24	614.63	0.39	2695581	0.22	<5	3	2.735	0.91
A-15-130	614.63	615.16	0.53	2695582	4.12	<5	17	2.61	1.51
A-15-130			0.00	2695583	<0.05	6	<2	N.A.	0.02
A-15-130	615.16	616.12	0.96	2695584	19.47	<5	23	3.179	2.87
A-15-130	616.12	617.00	0.88	2695585	17.5	<5	18	3.173	2.65
A-15-130	617.00	617.47	0.47	2695586	14.93	<5	16	3.041	1.42
A-15-130	617.47	618.10	0.63	2695587	24.17	<5	19	3.465	1.95
A-15-130	618.10	618.62	0.52	2695588	11.23	<5	15	2.925	1.62
A-15-130	618.62	619.45	0.83	2695589	23.76	<5	18	3.403	2.74
A-15-130	619.45	620.20	0.75	2695590	12.32	<5	14	3.042	2.13
A-15-130	620.20	621.21	1.01	2695591	24.33	<5	17	3.54	3.4
A-15-130	621.21	622.00	0.79	2695592	21.91	<5	17	3.459	2.46
A-15-130			0.00	2695593	22.14	<5	15	3.456	
A-15-130	622.00	622.67	0.67	2695594	21.42	<5	18	3.369	2
A-15-130	622.67	623.12	0.45	2695595	1.99	<5	11	2.601	1.12
A-15-130	623.12	623.93	0.81	2695596	20.03	<5	19	3.163	2.37
A-15-130	623.93	624.85	0.92	2695597	19.24	<5	18	3.182	2.93
A-15-130	624.85	625.75	0.90	2695598	23.31	<5	28	3.383	2.75
A-15-130	625.75	626.38	0.63	2695599	4.47	<5	16	2.649	1.33
A-15-130	626.38	627.00	0.62	2695600	3.18	<5	12	2.603	1.59
A-15-130	627.00	628.50	1.50	2695601	2.23	<5	9	2.605	3.52

HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	AQ270 Mo PPM	AQ270 Cu PPM	AQ270 Pb PPM	AQ270 Zn PPM
A-15-130	628.50	630.00	1.50	2695602		0.01	99		VAN15002577	19.8	37.3	226.1	2057
A-15-130			0.00	2695603	STANDARD PB 145				VAN15002577	8	1931.4	13684.5	17618
A-15-130	630.00	631.50	1.50	2695604		0.01	99		VAN15002577	19.1	41.8	290.1	2515
A-15-130	631.50	633.00	1.50	2695605		0.01	99		VAN15002577	19.9	38.8	746.6	4234
A-15-130	633.00	634.50	1.50	2695606		0.01	99		VAN15002577	20.1	34.6	473.9	4996
A-15-130	634.50	636.00	1.50	2695607		0.01	99		VAN15002577	21	24.4	602.8	4476
A-15-130	636.00	637.43	1.43	2695608		0.01	99.00		VAN15002577	16.1	18.1	1553	3581
A-15-130	637.43	638.26	0.83	2695609	dominantly grey sph and mottled sulphide	99.00	1.00		VAN15002577	14.5	125.2	28559.3	121866
A-15-130	638.26	638.82	0.56	2695610	dominantly grey sph and mottled sulphide	60.00	40.00		VAN15002577	18.5	48.8	13995.5	89799
A-15-130	638.82	639.45	0.63	2695611	minor grey sph and dominantly laminar py	50.00	50.00		VAN15002577	23.6	49.6	9755.9	45878
A-15-130	639.45	639.75	0.30	2695612	dominantly grey sph and mottled sulphide	90.00	10.00		VAN15002577	24.1	84.6	22658.4	133649
A-15-130			0.00	2695613	PULP DUPLICATE				VAN15002577	23.5	81.3	22503.2	133391
A-15-130	639.75	640.22	0.47	2695614	minor grey sph and dominantly laminar py	90.00	10.00		VAN15002577	27.7	82.2	7868.5	50585
A-15-130	640.22	641.20	0.98	2695615	laminar py	10.00	90.00		VAN15002577	15.8	24.8	978	7049
A-15-130	641.20	641.60	0.40	2695616	py matrix bx and laminar py	50.00	50.00		VAN15002577	27.9	58.7	3388.3	13145
A-15-130	641.60	642.21	0.61	2695617	laminar py	20.00	80.00		VAN15002577	15.6	33.9	1807.9	10943
A-15-130	642.21	642.80	0.59	2695618	laminar py	18.00	82.00		VAN15002577	22.7	45.2	1361.6	6594
A-15-130	642.80	643.48	0.68	2695619		0.01	99.00		VAN15002577	15.3	9.8	597.3	5631
A-15-130	643.48	644.50	1.02	2695620	laminar py	50.00	50.00		VAN15002577	24.3	58	1371	13018
A-15-130	644.50	645.40	0.90	2695621	laminar py	50.00	50.00		VAN15002577	25.5	53.4	1655.5	26514
A-15-130	645.40	646.20	0.80	2695622	laminar py	90.00	10.00		VAN15002577	30.1	55	1060.6	22386
A-15-130			0.00	2695623	BLANK BL 125				VAN15002577	5.5	90.6	5.7	43
A-15-130	646.20	647.00	0.80	2695624		3.00	98.00		VAN15002577	13.7	17	290	2391
A-15-130	647.00	647.30	0.30	2695625	flame-like grey sphal	70.00	30.00		VAN15002577	18.5	40.9	329.3	34816
A-15-130	647.30	648.31	1.01	2695626	laminar py	60.00	40.00		VAN15002577	15.3	55.6	941.5	4419
A-15-130	648.31	649.35	1.04	2695627	laminar py and minor bedded barite	95.00	0.00		VAN15002577	12.4	35.2	1672.9	998
A-15-130	649.35	649.72	0.37	2695628	massive sulphide	95.00	5.00		VAN15002577	4.9	14.2	2637.6	11165
A-15-130	649.72	650.14	0.42	2695629	debris flow with massive sulphide cement	30.00	0.00		VAN15002577	6.8	18.9	442.3	132
A-15-130	650.14	650.38	0.24	2695630	laminar pyrite	80.00	20.00		VAN15002577	20.1	41.9	414	218
A-15-130	650.38	650.67	0.29	2695631	massive sulphide	95.00	5.00		VAN15002577	3.3	39.9	306.7	524
A-15-130	650.67	651.60	0.93	2695632	debris flow with partial massive sulphide (pyrite) cemen	10.00	90.00		VAN15002577	13.2	17.2	94.2	184
A-15-130			0.00	2695633	COARSE DUPLICATE				VAN15002577	12.2	17.9	108.5	201
A-15-130	651.60	652.60	1.00	2695634	debris flow with partial massive sulphide (pyrite) cemen	10.00	90.00		VAN15002577	13.6	16.8	29.1	58
A-15-130	652.60	653.60	1.00	2695635	debris flow with partial massive sulphide (pyrite) cemen	10.00	90.00		VAN15002577	6.8	19.6	33.5	69
A-15-130	653.60	654.52	0.92	2695636	debris flow with partial massive sulphide (pyrite) cemen	10.00	90.00		VAN15002577	15.8	59.4	87.5	131
A-15-130	654.52	656.00	1.48	2695637	debris flow	3.00	97.00		VAN15002577	21.1	30.8	43.2	14
A-15-130	656.00	657.50	1.50	2695638	debris flow	3.00	97.00		VAN15002577	20.7	33	41.4	11
A-15-130	657.50	659.00	1.50	2695639	debris flow	3.00	97.00		VAN15002577	19.2	33.8	56.9	9
A-15-130	659.00	660.50	1.50	2695640	debris flow	3.00	97.00		VAN15002577	24.2	35.3	63.7	25
A-15-130	660.50	662.00	1.50	2695641	debris flow	3.00	97.00		VAN15002577	25.5	45	93.2	15
A-15-130	662.00	663.50	1.50	2695642	debris flow	3.00	97.00		VAN15002577	22.5	38.4	47.7	12
A-15-130			0.00	2695643	STANDARD PB 145				VAN15002577	7.8	1911.5	13654.9	16257

					AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-130	628.50	630.00	1.50	2695602	0.7	10820	83.2	8.2	186	2.04	18	4.2	6.4	257	14.5	7.7	<0.5	71
A-15-130			0.00	2695603	63	655	15.3	18	1527	4.1	59	1	2.4	81	125.4	163.8	5.1	77
A-15-130	630.00	631.50	1.50	2695604	0.8	7855	79.8	8.1	223	1.98	17	4.7	7.3	254	14.8	7.6	<0.5	75
A-15-130	631.50	633.00	1.50	2695605	0.9	6783	75.5	8.5	212	1.86	12	4.8	7.3	231	21.5	7	<0.5	79
A-15-130	633.00	634.50	1.50	2695606	0.8	8797	77	8	210	1.83	15	5	7.2	277	25.2	7.2	<0.5	73
A-15-130	634.50	636.00	1.50	2695607	0.7	7313	81.3	8.3	212	1.75	12	5	7.1	333	26.4	6	<0.5	78
A-15-130	636.00	637.43	1.43	2695608	0.8	7883	66.8	7.5	294	1.76	10	4.7	6.2	346	23.8	4.8	<0.5	68
A-15-130	637.43	638.26	0.83	2695609	20.4	11432	63.1	3.2	984	15.43	58	2.4	1.3	178	811.1	60.8	<0.5	62
A-15-130	638.26	638.82	0.56	2695610	16.2	19560	62.8	4.2	784	12.16	42	3	1.6	130	556.8	32	<0.5	68
A-15-130	638.82	639.45	0.63	2695611	11.2	22798	67.2	4.8	591	9.28	39	3.1	2.6	163	294	35.8	<0.5	77
A-15-130	639.45	639.75	0.30	2695612	17.4	18253	60.6	3.6	995	12.97	37	3.7	1.3	184	824.7	73.1	<0.5	84
A-15-130			0.00	2695613	17.3	17803	59.9	3.3	985	12.81	36	3.7	1.4	187	805.9	72.2	<0.5	81
A-15-130	639.75	640.22	0.47	2695614	10	17897	76.3	5.3	409	10.7	50	4.6	2.5	148	319	64.5	<0.5	83
A-15-130	640.22	641.20	0.98	2695615	1.6	20204	68.3	7.1	232	2.88	19	4	5.8	138	37.3	14	<0.5	78
A-15-130	641.20	641.60	0.40	2695616	3	14592	101.7	8.3	511	5.9	33	6.8	4.3	380	72.6	36.5	<0.5	84
A-15-130	641.60	642.21	0.61	2695617	1.9	19293	62.6	6.1	288	3.44	22	4.7	5.2	225	62.3	21.5	<0.5	77
A-15-130	642.21	642.80	0.59	2695618	2.2	15417	92.6	7	481	4.76	34	3.9	5	230	34.5	28.1	<0.5	89
A-15-130	642.80	643.48	0.68	2695619	0.5	16922	61.9	6.9	127	1.58	9	4.2	6	114	30.4	6	<0.5	91
A-15-130	643.48	644.50	1.02	2695620	3.6	25163	81.6	6.3	324	6.88	35	3.8	3.8	174	70.3	45.3	<0.5	98
A-15-130	644.50	645.40	0.90	2695621	4.3	23505	73.7	5.3	239	8.73	42	4.2	3.3	78	160.1	51.8	<0.5	100
A-15-130	645.40	646.20	0.80	2695622	3.8	24245	84.2	5.6	350	7.74	58	3.8	2.8	130	140.6	50.4	<0.5	93
A-15-130			0.00	2695623	<0.5	612	14.8	8.9	568	3.54	<5	0.9	2.5	97	<0.5	<0.5	<0.5	99
A-15-130	646.20	647.00	0.80	2695624	0.7	27290	64.5	5.4	333	2.6	10	2.8	3.9	345	18.4	9.1	<0.5	85
A-15-130	647.00	647.30	0.30	2695625	3.4	32483	85.7	6.2	546	6.07	33	2.9	2.8	342	290.5	36.7	<0.5	74
A-15-130	647.30	648.31	1.01	2695626	5.2	36696	67.4	4.7	325	11.78	31	2.8	1.2	163	39.8	54.8	<0.5	80
A-15-130	648.31	649.35	1.04	2695627	9.2	82463	51.5	3.3	1145	14.99	30	1.9	<0.5	303	9.2	41.3	<0.5	65
A-15-130	649.35	649.72	0.37	2695628	20.5	28218	20.8	0.9	2325	25.83	39	0.9	<0.5	311	89.1	17.9	<0.5	33
A-15-130	649.72	650.14	0.42	2695629	5.2	34826	46	3	3602	11.11	49	3.2	1.6	725	0.9	2.8	<0.5	65
A-15-130	650.14	650.38	0.24	2695630	8.2	14202	106.9	5.3	626	16.34	65	5.9	2.5	174	1.6	6.6	<0.5	65
A-15-130	650.38	650.67	0.29	2695631	7.5	92023	33.9	1.7	609	29.21	13	1.5	<0.5	106	3	5.4	<0.5	10
A-15-130	650.67	651.60	0.93	2695632	1.5	47358	42.5	3.2	1445	6.26	11	4.5	0.6	713	0.8	3	<0.5	31
A-15-130			0.00	2695633	1.3	50577	42.2	3.5	1414	6.92	10	4.4	0.6	652	0.7	2.8	<0.5	29
A-15-130	651.60	652.60	1.00	2695634	0.8	6034	42.9	3	785	1.95	8	3.7	1.3	627	<0.5	2.6	<0.5	38
A-15-130	652.60	653.60	1.00	2695635	1	15442	22.4	1.5	836	4.14	6	2.3	0.8	749	<0.5	3.3	<0.5	27
A-15-130	653.60	654.52	0.92	2695636	2.9	14261	56	2.7	785	9.91	24	6.2	0.9	656	0.7	8.7	<0.5	46
A-15-130	654.52	656.00	1.48	2695637	1.1	9746	59.5	5.2	577	1.75	13	5.8	1.8	577	<0.5	4	<0.5	35
A-15-130	656.00	657.50	1.50	2695638	0.8	13600	69	5.1	373	1.8	10	6.5	2.6	469	<0.5	4.1	<0.5	52
A-15-130	657.50	659.00	1.50	2695639	1.4	15241	69.4	4.9	336	2.36	11	6.3	3.3	357	<0.5	5.1	<0.5	58
A-15-130	659.00	660.50	1.50	2695640	1	13412	84.2	5.9	472	3.11	14	7.2	2.8	503	<0.5	5	<0.5	55
A-15-130	660.50	662.00	1.50	2695641	1.5	13889	88.4	8.5	225	3.71	19	6.3	2.7	284	<0.5	7.2	<0.5	43
A-15-130	662.00	663.50	1.50	2695642	1	16317	82.5	6	315	2.63	13	6.1	3.3	345	<0.5	5.6	<0.5	56
A-15-130			0.00	2695643	60.2	607	14.7	18.5	1629	4.22	55	0.8	2.2	84	109.5	170.5	4.3	78

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	TI
HOLE ID	FROM	TO	LENGTH	SAMPLE #	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM
A-15-130	628.50	630.00	1.50	2695602	1.43	0.083	14.2	7.6	0.35	940	0.005	0.55	<0.01	0.3	<0.5	0.08	3.4	10
A-15-130			0.00	2695603	1.99	0.055	7	24.1	1.3	258	0.136	1.64	0.2	0.19	1.1	0.52	2.9	1.2
A-15-130	630.00	631.50	1.50	2695604	1.57	0.081	16	8.1	0.41	1600	0.005	0.57	<0.01	0.34	<0.5	0.1	3.9	9.9
A-15-130	631.50	633.00	1.50	2695605	1.43	0.087	18	9.2	0.43	1198	0.005	0.61	<0.01	0.35	<0.5	0.13	4.2	10.3
A-15-130	633.00	634.50	1.50	2695606	1.45	0.087	18.2	8.4	0.44	1864	0.005	0.56	<0.01	0.35	<0.5	0.11	4.2	10.4
A-15-130	634.50	636.00	1.50	2695607	1.83	0.088	19.8	9	0.43	1342	0.005	0.6	<0.01	0.35	<0.5	0.13	3.8	7.7
A-15-130	636.00	637.43	1.43	2695608	2.06	0.086	17.1	8.6	0.5	1385	0.005	0.53	<0.01	0.29	<0.5	0.09	3.2	7.4
A-15-130	637.43	638.26	0.83	2695609	1.57	0.03	4.1	4.4	0.29	71	0.003	0.26	<0.01	0.13	<0.5	4.21	1.1	175
A-15-130	638.26	638.82	0.56	2695610	1.09	0.04	5.9	5.4	0.14	93	0.003	0.36	<0.01	0.16	<0.5	3.59	1.4	125.5
A-15-130	638.82	639.45	0.63	2695611	1.29	0.051	9.3	6.9	0.27	168	0.004	0.73	<0.01	0.2	<0.5	1.82	2.4	100.2
A-15-130	639.45	639.75	0.30	2695612	1.9	0.038	4.4	5.6	0.29	75	0.004	0.3	<0.01	0.15	<0.5	4.34	1.5	180.9
A-15-130			0.00	2695613	1.89	0.035	4.6	5.5	0.3	86	0.004	0.3	<0.01	0.14	<0.5	4.2	1.3	178
A-15-130	639.75	640.22	0.47	2695614	0.93	0.053	7.9	6	0.13	137	0.004	0.49	<0.01	0.19	<0.5	1.61	1.4	115
A-15-130	640.22	641.20	0.98	2695615	0.78	0.066	19.7	9	0.3	645	0.006	0.7	<0.01	0.31	<0.5	0.25	2.8	15
A-15-130	641.20	641.60	0.40	2695616	1.89	0.092	12.8	7.6	0.47	285	0.006	0.5	<0.01	0.26	<0.5	0.42	3.2	37
A-15-130	641.60	642.21	0.61	2695617	1.09	0.066	16.2	7.5	0.31	417	0.005	0.55	<0.01	0.27	<0.5	0.4	2.7	25.2
A-15-130	642.21	642.80	0.59	2695618	1.49	0.062	16	8.6	0.45	369	0.005	0.52	<0.01	0.29	<0.5	0.28	3.5	27.6
A-15-130	642.80	643.48	0.68	2695619	0.54	0.075	21.7	9.6	0.2	1861	0.005	0.61	<0.01	0.32	<0.5	0.19	2.6	6.8
A-15-130	643.48	644.50	1.02	2695620	0.78	0.053	14.3	7.8	0.27	231	0.005	0.51	<0.01	0.27	<0.5	0.57	2.5	52.2
A-15-130	644.50	645.40	0.90	2695621	0.45	0.048	12.5	7.7	0.18	175	0.004	0.66	<0.01	0.24	<0.5	1.19	2	69.1
A-15-130	645.40	646.20	0.80	2695622	0.7	0.037	11.5	7	0.18	200	0.004	0.54	<0.01	0.24	<0.5	1.48	2.6	67.5
A-15-130			0.00	2695623	1.15	0.056	6.6	18.4	0.78	138	0.172	1.93	0.25	0.25	0.6	<0.05	3.9	<0.5
A-15-130	646.20	647.00	0.80	2695624	1.4	0.069	16.1	8.9	0.42	879	0.004	0.51	<0.01	0.26	<0.5	0.26	2.4	12.7
A-15-130	647.00	647.30	0.30	2695625	2.5	0.066	16.1	6.9	0.57	227	0.003	0.45	<0.01	0.22	<0.5	2.14	3.8	41.4
A-15-130	647.30	648.31	1.01	2695626	0.88	0.027	7.4	6.5	0.18	120	0.002	0.7	<0.01	0.2	<0.5	0.56	2.3	66.2
A-15-130	648.31	649.35	1.04	2695627	3.79	0.024	4.6	6.8	0.19	169	0.002	0.91	<0.01	0.13	<0.5	0.22	3.1	75.6
A-15-130	649.35	649.72	0.37	2695628	8.03	0.07	7.7	5.2	0.12	97	0.002	0.16	<0.01	0.09	<0.5	1.39	1.7	128.2
A-15-130	649.72	650.14	0.42	2695629	16.27	0.78	25.9	10.7	0.38	116	0.006	0.48	<0.01	0.2	<0.5	0.19	3.3	30.8
A-15-130	650.14	650.38	0.24	2695630	1.95	0.328	13.1	14.3	0.13	87	0.005	0.55	<0.01	0.23	<0.5	0.23	1.9	116.8
A-15-130	650.38	650.67	0.29	2695631	3.81	0.05	0.6	2.9	0.07	62	<0.001	0.09	<0.01	0.03	<0.5	0.27	0.7	145.8
A-15-130	650.67	651.60	0.93	2695632	21.74	0.052	13.3	3.4	0.23	256	0.001	0.16	<0.01	0.06	<0.5	0.11	2.3	24.9
A-15-130			0.00	2695633	21.47	0.048	13.5	3.2	0.22	206	0.001	0.15	<0.01	0.06	<0.5	<0.05	2.3	30.6
A-15-130	651.60	652.60	1.00	2695634	20.99	0.014	10.3	3.7	0.46	1283	0.002	0.2	<0.01	0.12	<0.5	0.05	1.9	7.1
A-15-130	652.60	653.60	1.00	2695635	23.96	0.01	8.1	2.5	0.33	295	<0.001	0.11	<0.01	0.06	<0.5	0.15	1.4	6.1
A-15-130	653.60	654.52	0.92	2695636	16.1	0.026	10.2	4.3	0.17	115	0.002	0.2	<0.01	0.12	<0.5	0.2	2.4	13.8
A-15-130	654.52	656.00	1.48	2695637	12.4	0.035	9.3	5.9	0.36	1826	0.002	0.26	<0.01	0.15	<0.5	0.08	2	5.1
A-15-130	656.00	657.50	1.50	2695638	7.66	0.04	12.8	7.1	0.78	1470	0.003	0.29	<0.01	0.17	<0.5	0.11	2.6	3.9
A-15-130	657.50	659.00	1.50	2695639	4.99	0.06	11.7	7.3	0.8	811	0.004	0.33	<0.01	0.2	<0.5	0.13	2.9	7.7
A-15-130	659.00	660.50	1.50	2695640	6.45	0.052	13.1	7.4	0.88	563	0.003	0.31	<0.01	0.18	<0.5	0.11	3.2	7.2
A-15-130	660.50	662.00	1.50	2695641	3.23	0.05	12.7	6.8	0.32	387	0.004	0.36	<0.01	0.21	<0.5	0.14	2.5	7.7
A-15-130	662.00	663.50	1.50	2695642	4.52	0.047	13.3	7.3	0.71	702	0.003	0.34	<0.01	0.2	<0.5	0.14	3.1	5.4
A-15-130			0.00	2695643	1.95	0.051	7	25.3	1.25	239	0.135	1.6	0.19	0.22	1.2	0.42	2.9	1.1

					AQ270	AQ270	AQ270	SPG01	WGHT
					S	Ga	Se	SG	Wgt
HOLE ID	FROM	TO	LENGTH	SAMPLE #	%	PPM	PPM	NONE	KG
A-15-130	628.50	630.00	1.50	2695602	2.34	<5	9	2.598	3.69
A-15-130			0.00	2695603	1.74	5	4	N.A.	0.02
A-15-130	630.00	631.50	1.50	2695604	2.24	<5	11	2.561	3.47
A-15-130	631.50	633.00	1.50	2695605	2.09	<5	12	2.562	3.61
A-15-130	633.00	634.50	1.50	2695606	2.12	<5	9	2.622	3.3
A-15-130	634.50	636.00	1.50	2695607	2.09	<5	8	2.578	3.53
A-15-130	636.00	637.43	1.43	2695608	2.02	<5	10	2.581	3.35
A-15-130	637.43	638.26	0.83	2695609	23.84	<5	28	3.315	2.56
A-15-130	638.26	638.82	0.56	2695610	18.37	<5	24	3.106	1.74
A-15-130	638.82	639.45	0.63	2695611	12.83	<5	34	2.919	1.8
A-15-130	639.45	639.75	0.30	2695612	21.39	<5	70	3.252	0.86
A-15-130			0.00	2695613	21.22	<5	68	3.253	
A-15-130	639.75	640.22	0.47	2695614	14.77	<5	59	2.943	1.36
A-15-130	640.22	641.20	0.98	2695615	3.44	<5	18	2.719	2.61
A-15-130	641.20	641.60	0.40	2695616	7.61	<5	49	2.708	1.17
A-15-130	641.60	642.21	0.61	2695617	4.33	<5	32	2.708	1.56
A-15-130	642.21	642.80	0.59	2695618	6	<5	34	2.71	1.49
A-15-130	642.80	643.48	0.68	2695619	1.97	<5	13	2.606	1.79
A-15-130	643.48	644.50	1.02	2695620	8.47	<5	39	2.747	2.29
A-15-130	644.50	645.40	0.90	2695621	11.03	<5	33	2.841	1.89
A-15-130	645.40	646.20	0.80	2695622	9.91	<5	23	2.821	2.92
A-15-130			0.00	2695623	<0.05	5	<2	N.A.	0.02
A-15-130	646.20	647.00	0.80	2695624	2.64	<5	16	2.628	2
A-15-130	647.00	647.30	0.30	2695625	8.26	<5	28	2.817	0.83
A-15-130	647.30	648.31	1.01	2695626	13.1	<5	43	2.899	2.74
A-15-130	648.31	649.35	1.04	2695627	15.65	<5	29	3.211	2.86
A-15-130	649.35	649.72	0.37	2695628	30.35	<5	13	3.75	1.45
A-15-130	649.72	650.14	0.42	2695629	12.86	<5	4	3.018	1.16
A-15-130	650.14	650.38	0.24	2695630	18.48	<5	4	3.145	0.84
A-15-130	650.38	650.67	0.29	2695631	30.5	<5	<2	4.11	1.06
A-15-130	650.67	651.60	0.93	2695632	6.28	<5	2	2.925	2.68
A-15-130			0.00	2695633	7.26	<5	2	2.896	
A-15-130	651.60	652.60	1.00	2695634	2.12	<5	5	2.687	2.19
A-15-130	652.60	653.60	1.00	2695635	4.55	<5	<2	2.8	1.99
A-15-130	653.60	654.52	0.92	2695636	11.84	<5	8	2.972	2.44
A-15-130	654.52	656.00	1.48	2695637	1.81	<5	8	2.649	3.18
A-15-130	656.00	657.50	1.50	2695638	1.76	<5	5	2.646	3.59
A-15-130	657.50	659.00	1.50	2695639	2.51	<5	2	2.63	3.41
A-15-130	659.00	660.50	1.50	2695640	3.35	<5	3	2.654	3.89
A-15-130	660.50	662.00	1.50	2695641	4.16	<5	3	2.607	3.49
A-15-130	662.00	663.50	1.50	2695642	2.83	<5	7	2.602	3.59
A-15-130			0.00	2695643	1.75	6	4	N.A.	0.02

HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	AQ270 Mo PPM	AQ270 Cu PPM	AQ270 Pb PPM	AQ270 Zn PPM
A-15-130	663.50	665.00	1.50	2695644	debris flow	3.00	97.00		VAN15002577	23.6	56.2	76.2	23
A-15-130	665.00	666.50	1.50	2695645	debris flow	3.00	97.00		VAN15002577	20.5	38.4	47.2	19
A-15-130	666.50	668.00	1.50	2695646	debris flow	3.00	97.00		VAN15002577	22.5	40.9	51.4	13
A-15-130	668.00	669.50	1.50	2695647	debris flow	3.00	97.00		VAN15002577	22.9	39	35.9	12
A-15-130	669.50	671.00	1.50	2695648	debris flow	3.00	97.00		VAN15002577	25.6	54.3	40.4	49
A-15-130	671.00	672.50	1.50	2695649	debris flow	3.00	97.00		VAN15002577	28.9	38.8	34.7	13
A-15-130	672.50	674.00	1.50	2695650	debris flow	3.00	97.00		VAN15002577	31.3	54.9	37.9	13
A-15-130	674.00	675.50	1.50	2695651	debris flow	3.00	97.00		VAN15002577	26.1	46.4	33.3	10
A-15-130	675.50	677.00	1.50	2695652	debris flow	3.00	97.00		VAN15002577	26.1	47.4	43.1	18
A-15-130			0.00	2695653	PULP DUPLICATE				VAN15002577	24.7	47.5	42	18
A-15-130	677.00	678.45	1.45	2695654	debris flow	3.00	97.00		VAN15002577	25.8	35.7	36.9	68
A-15-130	678.45	678.66	0.21	2695655	carbonate breccia vein within debris flow	3.00	97.00		VAN15002577	28.5	46.1	56.5	35
A-15-130	678.66	679.60	0.94	2695656	debris flow	3.00	97.00		VAN15002577	37.2	66.3	48.6	13
A-15-130	679.60	680.00	0.40	2695657	debris flow at contact with RR	3.00	97.00		VAN15002577	23	48.1	45.5	93
A-15-130	680.00	681.00	1.00	2695658	RR	3.00	97.00		VAN15002577	12.3	15.6	16.9	19
A-15-130	681.00	682.00	1.00	2695659	RR	3.00	97.00		VAN15002577	11.5	15.9	16.9	7
A-15-130	682.00	683.00	1.00	2695660	RR	3.00	97.00		VAN15002577	8	9.6	16.2	8
A-15-130	683.00	684.50	1.50	2695661	RR	3.00	97.00		VAN15002577	8.5	8	16.3	<5
A-15-130	684.50	686.00	1.50	2695662	RR	3.00	97.00		VAN15002577	12.7	9.6	17.8	7
A-15-130			0.00	2695663	BLANK BL 125				VAN15002577	4	100.1	4.3	51
A-15-130	686.00	687.50	1.50	2695664	RR	3.00	97.00		VAN15002577	17.7	14.1	18.9	<5
A-15-130	687.50	690.08	2.58	2695665	RR	3.00	97.00		VAN15002577	8.9	18.3	19	<5

					AQ270	LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ag	Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
A-15-130	663.50	665.00	1.50	2695644	1.6	14551	69.9	5.2	404	3.28	13	8.4	2.6	497	<0.5	5.8	<0.5	58
A-15-130	665.00	666.50	1.50	2695645	1	14827	73.5	6.1	389	2.56	14	5.6	2.7	434	<0.5	5.1	<0.5	45
A-15-130	666.50	668.00	1.50	2695646	1.1	21677	93	10.1	160	2.84	17	6.2	4	143	<0.5	6.3	<0.5	52
A-15-130	668.00	669.50	1.50	2695647	0.8	14259	89.6	6.3	332	2.08	13	7.2	2.6	440	<0.5	5	<0.5	44
A-15-130	669.50	671.00	1.50	2695648	0.9	15177	109.1	7	138	2.71	14	7.4	2.5	185	<0.5	5	<0.5	48
A-15-130	671.00	672.50	1.50	2695649	0.9	9914	114.5	6	71	1.57	15	7.5	2	124	<0.5	5.1	<0.5	44
A-15-130	672.50	674.00	1.50	2695650	0.9	9569	146.1	6.5	118	1.79	27	8	2	201	<0.5	5	<0.5	51
A-15-130	674.00	675.50	1.50	2695651	0.9	7621	125.5	5.8	66	1.46	15	8.4	1.6	122	<0.5	4.8	<0.5	43
A-15-130	675.50	677.00	1.50	2695652	1.1	10740	123.8	6.5	142	1.97	18	8.3	2.4	192	<0.5	5	<0.5	43
A-15-130			0.00	2695653	1	10638	120.4	5.7	137	1.96	16	8.1	2.4	192	<0.5	5.9	<0.5	45
A-15-130	677.00	678.45	1.45	2695654	0.9	12705	175.9	7.7	201	1.76	28	6.7	3.1	319	0.6	4.7	<0.5	41
A-15-130	678.45	678.66	0.21	2695655	1	11265	158.4	7.4	268	3.29	35	7.2	2.4	269	<0.5	5.6	<0.5	48
A-15-130	678.66	679.60	0.94	2695656	1.1	11791	158	9.8	134	2.28	21	8.9	3	141	<0.5	6.9	<0.5	43
A-15-130	679.60	680.00	0.40	2695657	0.8	10876	122.4	7.6	323	2.97	20	6.5	2.6	582	<0.5	4.5	<0.5	33
A-15-130	680.00	681.00	1.00	2695658	<0.5	10586	26.8	3.6	653	1.21	6	4	3.8	627	<0.5	1.7	<0.5	15
A-15-130	681.00	682.00	1.00	2695659	<0.5	7224	28	2.5	627	1.16	<5	4.4	3.9	468	<0.5	1.4	<0.5	14
A-15-130	682.00	683.00	1.00	2695660	<0.5	8233	14	2.5	491	1	<5	2.3	3.2	392	<0.5	1.8	<0.5	<10
A-15-130	683.00	684.50	1.50	2695661	<0.5	6785	19.3	3.8	563	1.01	7	1.7	3	395	<0.5	1.5	<0.5	<10
A-15-130	684.50	686.00	1.50	2695662	<0.5	7568	22.2	3.9	555	1.11	<5	4.5	3.5	411	<0.5	0.7	<0.5	<10
A-15-130			0.00	2695663	<0.5	566	14.4	9.1	524	3.52	<5	0.9	2.8	87	<0.5	<0.5	<0.5	99
A-15-130	686.00	687.50	1.50	2695664	<0.5	7020	33.7	3.6	602	1.16	6	5.4	3.7	350	<0.5	0.8	<0.5	15
A-15-130	687.50	690.08	2.58	2695665	<0.5	10981	31.9	4.7	492	1.26	5	2.3	4.4	334	<0.5	1.2	<0.5	15

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM
A-15-130	663.50	665.00	1.50	2695644	7.69	0.032	13	6.6	0.7	431	0.003	0.31	<0.01	0.17	<0.5	0.11	2.5	6.5
A-15-130	665.00	666.50	1.50	2695645	5.72	0.05	15.9	7.1	0.73	735	0.003	0.33	<0.01	0.19	<0.5	0.16	3	3.7
A-15-130	666.50	668.00	1.50	2695646	1.33	0.063	16.2	10.3	0.48	559	0.004	0.46	<0.01	0.28	<0.5	0.26	3.3	5.5
A-15-130	668.00	669.50	1.50	2695647	5.1	0.049	15.5	5.5	0.66	1026	0.003	0.27	<0.01	0.14	<0.5	0.06	3.5	3.4
A-15-130	669.50	671.00	1.50	2695648	1.55	0.051	10.2	6.4	0.45	643	0.003	0.35	<0.01	0.16	<0.5	0.1	1.5	3.9
A-15-130	671.00	672.50	1.50	2695649	0.85	0.043	9.4	5.6	0.11	2249	0.003	0.29	<0.01	0.14	<0.5	0.07	1.5	3.5
A-15-130	672.50	674.00	1.50	2695650	1.78	0.044	8.2	6.3	0.2	1921	0.003	0.26	<0.01	0.14	<0.5	0.07	1.7	4.3
A-15-130	674.00	675.50	1.50	2695651	0.91	0.046	8	7.4	0.12	1210	0.003	0.22	<0.01	0.13	<0.5	0.12	1.2	3.4
A-15-130	675.50	677.00	1.50	2695652	1.98	0.041	9.4	6.7	0.43	1400	0.003	0.26	<0.01	0.16	<0.5	0.07	2	3.7
A-15-130			0.00	2695653	2	0.04	9.7	5.9	0.43	1404	0.002	0.25	<0.01	0.16	<0.5	0.16	1.9	4
A-15-130	677.00	678.45	1.45	2695654	3.63	0.06	12	6.4	0.76	1313	0.003	0.26	<0.01	0.16	<0.5	0.16	2.5	4.3
A-15-130	678.45	678.66	0.21	2695655	5.73	0.096	16.8	6.2	0.47	879	0.004	0.31	<0.01	0.19	<0.5	0.16	2.8	4.5
A-15-130	678.66	679.60	0.94	2695656	3.24	0.058	13.6	5.4	0.42	1225	0.003	0.31	<0.01	0.19	<0.5	0.12	2.4	4.7
A-15-130	679.60	680.00	0.40	2695657	9.71	0.077	10.1	6.1	0.88	967	0.003	0.24	<0.01	0.13	<0.5	0.27	3.7	3.1
A-15-130	680.00	681.00	1.00	2695658	14.12	0.036	9.7	4.8	3.74	530	0.002	0.15	<0.01	0.11	<0.5	0.14	3.4	1.3
A-15-130	681.00	682.00	1.00	2695659	13.7	0.024	11.8	6	3.94	502	0.003	0.19	<0.01	0.11	<0.5	0.05	3.3	1.2
A-15-130	682.00	683.00	1.00	2695660	11.5	0.032	9	3.9	2.64	774	0.002	0.18	<0.01	0.11	<0.5	0.09	3.6	1
A-15-130	683.00	684.50	1.50	2695661	12.29	0.034	9.9	3.8	2.76	783	0.003	0.21	<0.01	0.14	<0.5	<0.05	3.5	0.8
A-15-130	684.50	686.00	1.50	2695662	13.61	0.043	11.2	5.2	2.54	808	0.002	0.18	<0.01	0.12	<0.5	<0.05	2.9	0.7
A-15-130			0.00	2695663	1.12	0.055	6.2	17.8	0.79	126	0.172	1.85	0.22	0.23	0.6	<0.05	4.1	<0.5
A-15-130	686.00	687.50	1.50	2695664	12.26	0.037	12	5.3	2.6	406	0.003	0.19	<0.01	0.12	<0.5	0.14	3.2	1
A-15-130	687.50	690.08	2.58	2695665	10.29	0.047	13	5.6	2.06	615	0.002	0.23	<0.01	0.15	<0.5	<0.05	4.6	0.7

					AQ270	AQ270	AQ270	SPG01	WGHT
					S	Ga	Se	SG	Wgt
HOLE ID	FROM	TO	LENGTH	SAMPLE #	%	PPM	PPM	NONE	KG
A-15-130	663.50	665.00	1.50	2695644	3.64	<5	4	2.613	3.19
A-15-130	665.00	666.50	1.50	2695645	2.7	<5	6	2.654	3.4
A-15-130	666.50	668.00	1.50	2695646	3.02	<5	7	2.623	3.62
A-15-130	668.00	669.50	1.50	2695647	2.15	<5	7	2.614	3.44
A-15-130	669.50	671.00	1.50	2695648	2.88	<5	6	2.673	3.58
A-15-130	671.00	672.50	1.50	2695649	1.68	<5	5	2.607	2.8
A-15-130	672.50	674.00	1.50	2695650	1.96	<5	10	2.593	3.16
A-15-130	674.00	675.50	1.50	2695651	1.53	<5	4	2.578	2.75
A-15-130	675.50	677.00	1.50	2695652	2.15	<5	11	2.614	4.31
A-15-130			0.00	2695653	2.11	<5	7	2.61	
A-15-130	677.00	678.45	1.45	2695654	1.85	<5	14	2.606	3.53
A-15-130	678.45	678.66	0.21	2695655	3.78	<5	18	2.624	0.94
A-15-130	678.66	679.60	0.94	2695656	2.57	<5	11	2.616	2.17
A-15-130	679.60	680.00	0.40	2695657	3.32	<5	12	2.612	1.11
A-15-130	680.00	681.00	1.00	2695658	1.1	<5	3	2.721	2.56
A-15-130	681.00	682.00	1.00	2695659	1	<5	<2	2.719	2.27
A-15-130	682.00	683.00	1.00	2695660	0.95	<5	3	2.672	2.45
A-15-130	683.00	684.50	1.50	2695661	0.97	<5	3	2.673	3.37
A-15-130	684.50	686.00	1.50	2695662	1.07	<5	3	2.739	3.73
A-15-130			0.00	2695663	<0.05	5	2	N.A.	0.02
A-15-130	686.00	687.50	1.50	2695664	1.08	<5	2	2.662	3.63
A-15-130	687.50	690.08	2.58	2695665	1.22	<5	<2	2.675	4.06

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-130	0		35	-86			Yes	Collar
A-15-130	17.37	49.7	69	-86.4	6004	Reflex EZ Shot	No	
A-15-130	47.85	35.9	55.2	-85.9	5740	Reflex EZ Shot	Yes	
A-15-130	66.14	25.4	44.7	-84.9	5742	Reflex EZ Shot	Yes	
A-15-130	81.38	24.4	43.7	-84.6	5732	Reflex EZ Shot	Yes	
A-15-130	108.8	21.7	41	-83.8	5733	Reflex EZ Shot	Yes	
A-15-130	154.54	19.6	38.9	-82.6	5744	Reflex EZ Shot	Yes	
A-15-130	200.26	17	36.3	-81.7	5750	Reflex EZ Shot	Yes	
A-15-130	245.98	15.7	35	-82.1	5756	Reflex EZ Shot	Yes	
A-15-130	291.7	19.3	38.6	-82	5732	Reflex EZ Shot	Yes	
A-15-130	337.42	20.4	39.7	-81.8	5742	Reflex EZ Shot	Yes	
A-15-130	383.14	18.7	38	-81.3	5744	Reflex EZ Shot	Yes	
A-15-130	422.76	19.2	38.5	-81.1	5741	Reflex EZ Shot	Yes	
A-15-130	462.39	23.3	42.6	-75.6	5724	Reflex EZ Shot	Yes	
A-15-130	508.11	24.6	43.9	-73.8	5726	Reflex EZ Shot	Yes	
A-15-130	553.83	22	41.3	-71.3	5736	Reflex EZ Shot	Yes	
A-15-130	599.55	21.8	41.1	-70.4	5732	Reflex EZ Shot	Yes	
A-15-130	648.32	21.9	41.2	-69.9	5739	Reflex EZ Shot	Yes	
A-15-130	687.03	22.2	41.5	-69.2	5730	Reflex EZ Shot	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-130	4.57	9.14	4.57	2.47	54.05%	0	0.00%												
A-15-130	9.14	14.33	5.19	0.8	15.41%	0.22	4.24%												
A-15-130	14.33	17.37	3.04	2.95	97.04%	0.91	29.93%												
A-15-130	17.37	20.42	3.05	2.8	91.80%	2.36	77.38%												
A-15-130	20.42	23.47	3.05	3.11	101.97%	1.52	49.84%												
A-15-130	23.47	26.52	3.05	2.77	90.82%	0.51	16.72%												
A-15-130	26.52	29.57	3.05	2.72	89.18%	0.88	28.85%												
A-15-130	29.57	32.61	3.04	2.97	97.70%	1.62	53.29%	1					1						
A-15-130	32.61	35.66	3.05	3.05	100.00%	0.81	26.56%												
A-15-130	35.66	38.71	3.05	2.61	85.57%	0.95	31.15%												
A-15-130	38.71	41.76	3.05	2.9	95.08%	0.97	31.80%												
A-15-130	41.76	44.81	3.05	3.07	100.66%	1.66	54.43%												
A-15-130	44.81	47.85	3.04	3.04	100.00%	1.42	46.71%												
A-15-130	47.85	50.90	3.05	2.9	95.08%	0.8	26.23%												
A-15-130	50.90	53.95	3.05	2.69	88.20%	1.01	33.11%												
A-15-130	53.95	57.00	3.05	2.66	87.21%	0.82	26.89%												
A-15-130	57.00	60.05	3.05	2.98	97.70%	1.64	53.77%												
A-15-130	60.05	63.09	3.04	2.96	97.37%	0.6	19.74%												
A-15-130	63.09	66.14	3.05	2.82	92.46%	2.35	77.05%												
A-15-130	66.14	69.19	3.05	3.15	103.28%	2.26	74.10%												
A-15-130	69.19	72.24	3.05	3.09	101.31%	2.21	72.46%												
A-15-130	72.24	75.29	3.05	2.98	97.70%	2.56	83.93%												
A-15-130	75.29	78.33	3.04	3.14	103.29%	2.46	80.92%												
A-15-130	78.33	81.38	3.05	2.77	90.82%	2.27	74.43%												
A-15-130	81.38	84.43	3.05	3	98.36%	2.22	72.79%												
A-15-130	84.43	87.48	3.05	3.09	101.31%	2.57	84.26%												
A-15-130	87.48	90.52	3.04	2.67	87.83%	1.42	46.71%	1				1							
A-15-130	90.52	93.57	3.05	2.65	86.89%	1.08	35.41%	1					1						
A-15-130	93.57	96.62	3.05	2.7	88.52%	0.62	20.33%	1					1						
A-15-130	96.62	99.67	3.05	2.61	85.57%	0.63	20.66%												
A-15-130	99.67	102.72	3.05	3.05	100.00%	0.2	6.56%												
A-15-130	102.72	105.77	3.05	3	98.36%	0.42	13.77%												
A-15-130	105.77	108.81	3.04	3.03	99.67%	1.14	37.50%												
A-15-130	108.81	111.86	3.05	2.99	98.03%	0.14	4.59%												
A-15-130	111.86	114.91	3.05	2.9	95.08%	0.98	32.13%												
A-15-130	114.91	117.96	3.05	3	98.36%	0.4	13.11%												
A-15-130	117.96	121.01	3.05	2.71	88.85%	0.48	15.74%												
A-15-130	121.01	124.06	3.05	2.97	97.38%	1.57	51.48%												
A-15-130	124.06	127.10	3.04	3.06	100.66%	0.57	18.75%												
A-15-130	127.10	130.15	3.05	2.89	94.75%	1.51	49.51%												
A-15-130	130.15	133.20	3.05	3.2	104.92%	1.62	53.11%												
A-15-130	133.20	136.25	3.05	2.8	91.80%	1.98	64.92%												
A-15-130	136.25	139.30	3.05	2.88	94.43%	0.96	31.48%												
A-15-130	139.30	142.34	3.04	3.15	103.62%	0.95	31.25%												
A-15-130	142.34	145.39	3.05	2.72	89.18%	0.77	25.25%												
A-15-130	145.39	148.44	3.05	2.7	88.52%	0.22	7.21%												
A-15-130	148.44	151.49	3.05	2.92	95.74%	0.21	6.89%												
A-15-130	151.49	154.54	3.05	3.06	100.33%	1.02	33.44%												
A-15-130	154.54	157.58	3.04	2.81	92.43%	0.61	20.07%												
A-15-130	157.58	160.63	3.05	2.95	96.72%	1.21	39.67%												
A-15-130	160.63	163.68	3.05	2.72	89.18%	0.9	29.51%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-130	163.68	166.73	3.05	2.97	97.38%	1.86	60.98%												
A-15-130	166.73	169.77	3.04	2.91	95.72%	1.92	63.16%												
A-15-130	169.77	172.82	3.05	2.85	93.44%	1.19	39.02%												
A-15-130	172.82	175.87	3.05	3.01	98.69%	1.78	58.36%												
A-15-130	175.87	178.92	3.05	2.72	89.18%	1.13	37.05%												
A-15-130	178.92	181.97	3.05	3.01	98.69%	2.08	68.20%												
A-15-130	181.97	185.01	3.04	2.88	94.74%	2.54	83.55%												
A-15-130	185.01	188.06	3.05	3.14	102.95%	1.78	58.36%												
A-15-130	188.06	191.11	3.05	2.83	92.79%	0.74	24.26%												
A-15-130	191.11	194.16	3.05	3.07	100.66%	1.93	63.28%												
A-15-130	194.16	197.21	3.05	2.3	75.41%	1.01	33.11%												
A-15-130	197.21	200.25	3.04	2.75	90.46%	0.42	13.82%												
A-15-130	200.25	203.30	3.05	2.99	98.03%	1.66	54.43%												
A-15-130	203.30	206.35	3.05	2.87	94.10%	1.06	34.75%												
A-15-130	206.35	209.40	3.05	2.63	86.23%	0.33	10.82%												
A-15-130	209.40	212.45	3.05	2.69	88.20%	0.45	14.75%												
A-15-130	212.45	215.49	3.04	3.05	100.33%	1.34	44.08%												
A-15-130	215.49	218.54	3.05	2.82	92.46%	1.77	58.03%												
A-15-130	218.54	221.59	3.05	2.62	85.90%	1.09	35.74%												
A-15-130	221.59	224.64	3.05	2.9	95.08%	1.99	65.25%												
A-15-130	224.64	227.69	3.05	2.96	97.05%	1.85	60.66%												
A-15-130	227.69	230.73	3.04	2.72	89.47%	1.34	44.08%												
A-15-130	230.73	233.78	3.05	3.01	98.69%	1.97	64.59%												
A-15-130	233.78	236.83	3.05	2.96	97.05%	2.08	68.20%												
A-15-130	236.83	239.88	3.05	3	98.36%	2.46	80.66%												
A-15-130	239.88	242.93	3.05	2.95	96.72%	1.52	49.84%	1					1						
A-15-130	242.93	245.97	3.04	3.05	100.33%	1.28	42.11%												
A-15-130	245.97	249.02	3.05	2.84	93.11%	1.95	63.93%												
A-15-130	249.02	252.07	3.05	2.53	82.95%	0.48	15.74%	1					1						
A-15-130	252.07	255.12	3.05	3.11	101.97%	0.99	32.46%												
A-15-130	255.12	258.17	3.05	2.9	95.08%	0.44	14.43%												
A-15-130	258.17	261.21	3.04	2.26	74.34%	0.69	22.70%												
A-15-130	261.21	264.26	3.05	3.02	99.02%	0.37	12.13%												
A-15-130	264.26	267.31	3.05	2.8	91.80%	1.35	44.26%												
A-15-130	267.31	270.36	3.05	3.15	103.28%	2.28	74.75%												
A-15-130	270.36	273.41	3.05	3.12	102.30%	2.49	81.64%												
A-15-130	273.41	276.45	3.04	2.98	98.03%	2.39	78.62%	1					1						
A-15-130	276.45	279.50	3.05	3	98.36%	2.85	93.44%												
A-15-130	279.50	282.55	3.05	2.76	90.49%	1.51	49.51%												
A-15-130	282.55	285.60	3.05	3.06	100.33%	2.42	79.34%												
A-15-130	285.60	288.65	3.05	3.02	99.02%	3.02	99.02%												
A-15-130	288.65	291.69	3.04	2.97	97.70%	2.65	87.17%												
A-15-130	291.69	294.74	3.05	2.92	95.74%	1.35	44.26%												
A-15-130	294.74	297.79	3.05	3.05	100.00%	2.14	70.16%												
A-15-130	297.79	300.84	3.05	3.11	101.97%	2.39	78.36%												
A-15-130	300.84	303.89	3.05	3.02	99.02%	2.49	81.64%												
A-15-130	303.89	306.93	3.04	2.96	97.37%	2.59	85.20%												
A-15-130	306.93	309.98	3.05	3.05	100.00%	2.82	92.46%												
A-15-130	309.98	313.03	3.05	2.92	95.74%	2.92	95.74%												
A-15-130	313.03	316.08	3.05	3.05	100.00%	2.98	97.70%												
A-15-130	316.08	319.13	3.05	2.8	91.80%	1.72	56.39%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-130	319.13	322.17	3.04	2.91	95.72%	0.33	10.86%												
A-15-130	322.17	325.22	3.05	2.84	93.11%	1.14	37.38%	>25	>25										
A-15-130	325.22	328.27	3.05	3.05	100.00%	0.83	27.21%												
A-15-130	328.27	331.32	3.05	3	98.36%	0.59	19.34%												
A-15-130	331.32	334.37	3.05	2.82	92.46%	1.62	53.11%												
A-15-130	334.37	337.41	3.04	3.07	100.99%	1.55	50.99%												
A-15-130	337.41	340.46	3.05	2.98	97.70%	1.34	43.93%												
A-15-130	340.46	343.51	3.05	3	98.36%	1.58	51.80%												
A-15-130	343.51	346.56	3.05	2.68	87.87%	0.95	31.15%	2				1	1						
A-15-130	346.56	349.61	3.05	2.71	88.85%	1.55	50.82%												
A-15-130	349.61	352.65	3.04	3.15	103.62%	1.51	49.67%												
A-15-130	352.65	355.70	3.05	2.95	96.72%	2	65.57%												
A-15-130	355.70	358.75	3.05	2.92	95.74%	2.79	91.48%												
A-15-130	358.75	361.80	3.05	2.93	96.07%	0.8	26.23%												
A-15-130	361.80	364.85	3.05	3.07	100.66%	1.22	40.00%	3	2	1									
A-15-130	364.85	367.89	3.04	2.84	93.42%	2.06	67.76%	2	2										
A-15-130	367.89	370.94	3.05	2.5	81.97%	1.94	63.61%	1			1								
A-15-130	370.94	373.99	3.05	3.25	106.56%	2.52	82.62%	1		1									
A-15-130	373.99	377.04	3.05	2.88	94.43%	1.16	38.03%												
A-15-130	377.04	380.09	3.05	3.18	104.26%	0.87	28.52%												
A-15-130	380.09	383.13	3.04	2.84	93.42%	0.68	22.37%												
A-15-130	383.13	386.18	3.05	3.05	100.00%	0.75	24.59%												
A-15-130	386.18	389.23	3.05	2.99	98.03%	2.05	67.21%	4	4										
A-15-130	389.23	392.28	3.05	2.91	95.41%	2	65.57%												
A-15-130	392.28	395.33	3.05	3.02	99.02%	1.91	62.62%												
A-15-130	395.33	398.37	3.04	3.03	99.67%	2.03	66.78%												
A-15-130	398.37	401.42	3.05	2.98	97.70%	0.96	31.48%												
A-15-130	401.42	404.47	3.05	2.62	85.90%	1.42	46.56%												
A-15-130	404.47	407.52	3.05	2.92	95.74%	1.12	36.72%	4	3		1								
A-15-130	407.52	410.57	3.05	3.04	99.67%	1.02	33.44%	6	5	1									
A-15-130	410.57	413.61	3.04	2.86	94.08%	1.11	36.51%	2	1	1									
A-15-130	413.61	416.66	3.05	2.23	73.11%	1.12	36.72%												
A-15-130	416.66	419.71	3.05	3.06	100.33%	1.73	56.72%	2	1		1								
A-15-130	419.71	422.76	3.05	3.04	99.67%	2.68	87.87%	5	4			1							
A-15-130	422.76	425.81	3.05	3	98.36%	1.93	63.28%	2	1		1								
A-15-130	425.81	428.85	3.04	2.78	91.45%	1.7	55.92%	5		1	4								
A-15-130	428.85	431.90	3.05	3.02	99.02%	2.01	65.90%												
A-15-130	431.90	434.95	3.05	3.12	102.30%	2.1	68.85%												
A-15-130	434.95	438.00	3.05	2.82	92.46%	2.14	70.16%												
A-15-130	438.00	441.05	3.05	2.7	88.52%	1.54	50.49%												
A-15-130	441.05	444.09	3.04	2.52	82.89%	1.32	43.42%												
A-15-130	444.09	450.19	6.10	0.9	14.75%	0.32	5.25%												
A-15-130	450.19	453.24	3.05	1.98	64.92%	0	0.00%												
A-15-130	453.24	456.29	3.05	3	98.36%	0.45	14.75%												
A-15-130	456.29	459.33	3.04	2.52	82.89%	0	0.00%												
A-15-130	459.33	462.38	3.05	3.04	99.67%	0.3	9.84%												
A-15-130	462.38	465.43	3.05	2.76	90.49%	0	0.00%												
A-15-130	465.43	468.48	3.05	3.11	101.97%	0	0.00%												
A-15-130	468.48	471.53	3.05	3.01	98.69%	0.47	15.41%	1					1						
A-15-130	471.53	474.57	3.04	3.14	103.29%	0.2	6.58%	1					1						
A-15-130	474.57	477.62	3.05	2.96	97.05%	0.57	18.69%												

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-130	477.62	480.67	3.05	3.05	100.00%	0.52	17.05%												
A-15-130	480.67	483.72	3.05	3.2	104.92%	0.37	12.13%												
A-15-130	483.72	486.77	3.05	3.06	100.33%	1.57	51.48%												
A-15-130	486.77	489.81	3.04	2.99	98.36%	2.1	69.08%												
A-15-130	489.81	492.86	3.05	3	98.36%	1.58	51.80%												
A-15-130	492.86	495.91	3.05	3.01	98.69%	1.99	65.25%												
A-15-130	495.91	498.96	3.05	3.07	100.66%	2.59	84.92%	3	3										
A-15-130	498.96	502.01	3.05	3	98.36%	2.65	86.89%	5	4		1								
A-15-130	502.01	505.05	3.04	3.02	99.34%	2.04	67.11%	13	11		1		1						
A-15-130	505.05	508.10	3.05	3.09	101.31%	2.1	68.85%	2			1		1						
A-15-130	508.10	511.15	3.05	3.08	100.98%	2.17	71.15%	1					1						
A-15-130	511.15	514.20	3.05	3.02	99.02%	2.4	78.69%	1					1						
A-15-130	514.20	517.25	3.05	3.07	100.66%	2.38	78.03%	1					1						
A-15-130	517.25	520.29	3.04	2.95	97.04%	2.7	88.82%												
A-15-130	520.29	523.34	3.05	3.1	101.64%	2.38	78.03%												
A-15-130	523.34	526.39	3.05	3.14	102.95%	1.96	64.26%												
A-15-130	526.39	529.44	3.05	2.83	92.79%	1.77	58.03%	>50	>50										
A-15-130	529.44	532.49	3.05	3.08	100.98%	0.86	28.20%	>50	>50										
A-15-130	532.49	535.53	3.04	2.92	96.05%	1.56	51.32%	>100	>100										
A-15-130	535.53	538.58	3.05	3.06	100.33%	2.26	74.10%	10	8		1		1						
A-15-130	538.58	541.63	3.05	3.07	100.66%	2.18	71.48%	8	7				1						
A-15-130	541.63	544.68	3.05	3.08	100.98%	2.41	79.02%	22	19	1			2						
A-15-130	544.68	547.73	3.05	3	98.36%	1.61	52.79%	9	9										
A-15-130	547.73	550.77	3.04	2.97	97.70%	2.25	74.01%	8	6		2								
A-15-130	550.77	553.82	3.05	3.02	99.02%	2.22	72.79%												
A-15-130	553.82	556.87	3.05	3.01	98.69%	2.64	86.56%	2		1	1								
A-15-130	556.87	559.92	3.05	3.06	100.33%	2.44	80.00%	3				1	2						
A-15-130	559.92	562.97	3.05	3.05	100.00%	2.65	86.89%												
A-15-130	562.97	566.01	3.04	3.12	102.63%	2.41	79.28%												
A-15-130	566.01	569.06	3.05	2.94	96.39%	1.56	51.15%												
A-15-130	569.06	572.11	3.05	2.96	97.05%	1.8	59.02%	2		1		1							
A-15-130	572.11	575.16	3.05	3	98.36%	2.23	73.11%												
A-15-130	575.16	578.21	3.05	3.18	104.26%	2.26	74.10%												
A-15-130	578.21	581.25	3.04	2.85	93.75%	2.56	84.21%												
A-15-130	581.25	584.30	3.05	3	98.36%	2.81	92.13%												
A-15-130	584.30	587.35	3.05	2.96	97.05%	2.69	88.20%	3	3										
A-15-130	587.35	590.40	3.05	3.09	101.31%	2.65	86.89%	9	9										
A-15-130	590.40	593.45	3.05	3.04	99.67%	2.5	81.97%	10	8	1	1								
A-15-130	593.45	596.49	3.04	2.94	96.71%	2.68	88.16%	2		1	1								
A-15-130	596.49	599.54	3.05	2.98	97.70%	2.89	94.75%	9	9										
A-15-130	599.54	602.59	3.05	3.05	100.00%	2.89	94.75%	5	5					8	1	6	1		
A-15-130	602.59	605.64	3.05	3.07	100.66%	2.82	92.46%							15	9	5	1		
A-15-130	605.64	608.69	3.05	2.91	95.41%	2.82	92.46%	1	1					11	10	1			
A-15-130	608.69	611.73	3.04	3	98.68%	2.77	91.12%	3	3					9	7	1	1		
A-15-130	611.73	614.78	3.05	3.14	102.95%	3.08	100.98%							14	9	2	2		
A-15-130	614.78	617.83	3.05	3.11	101.97%	2.49	81.64%	9	7		2			5	3	2			
A-15-130	617.83	620.88	3.05	3.02	99.02%	2.65	86.89%	2	1		1			6	2	4			
A-15-130	620.88	623.93	3.05	3.01	98.69%	3.01	98.69%	3	2	1				10	6	4			
A-15-130	623.93	626.97	3.04	2.97	97.70%	2.84	93.42%	5	2	2	1			10	7	1	2		
A-15-130	626.97	630.02	3.05	3.02	99.02%	2.73	89.51%	3	3										
A-15-130	630.02	633.07	3.05	3.01	98.69%	2.59	84.92%	5	4	1									

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-130	633.07	636.12	3.05	2.91	95.41%	2.74	89.84%	2	2										
A-15-130	636.12	639.17	3.05	3.06	100.33%	2.33	76.39%	19	19					18	16	2			
A-15-130	639.17	642.21	3.04	3.02	99.34%	2.62	86.18%	>50	>50					9	9				
A-15-130	642.21	645.26	3.05	2.97	97.38%	1.97	64.59%	>50	>50										
A-15-130	645.26	648.31	3.05	3.24	106.23%	2.5	81.97%	>50	>50										
A-15-130	648.31	651.36	3.05	3.16	103.61%	2.85	93.44%	>50	>50										
A-15-130	651.36	654.41	3.05	2.94	96.39%	2.24	73.44%												
A-15-130	654.41	657.45	3.04	2.92	96.05%	2.12	69.74%												
A-15-130	657.45	660.50	3.05	3.12	102.30%	1.96	64.26%												
A-15-130	660.50	663.55	3.05	3	98.36%	1.85	60.66%												
A-15-130	663.55	666.60	3.05	2.99	98.03%	2.05	67.21%												
A-15-130	666.60	669.65	3.05	3.08	100.98%	2.85	93.44%												
A-15-130	669.65	672.69	3.04	2.8	92.11%	2.3	75.66%												
A-15-130	672.69	675.74	3.05	3.11	101.97%	2.29	75.08%												
A-15-130	675.74	678.79	3.05	2.97	97.38%	1.57	51.48%												
A-15-130	678.79	681.84	3.05	3	98.36%	2.04	66.89%												
A-15-130	681.84	684.89	3.05	2.93	96.07%	2.06	67.54%												
A-15-130	684.89	687.94	3.05	3.09	101.31%	2.64	86.56%												
A-15-130	687.94	690.08	2.14	1.16	54.21%	0.74	34.58%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

TSX-V:CZX
CANADA ZINC METALS CORP.

Akie Property

Drill Hole # A-15-131

Date	21-Sep-15	Logger	Scott Dowler

Collar Orientation

Proposed		Actual	
Azimuth	40	Azimuth	40
Dip	-57	Dip	-57
Length (m)	320	Length (m)	322.17

Collar Location

Datum	NAD 83 Zone 10
Northing (m)	6360311
Easting (m)	388522
Elevation (m)	1438
Grid Section	31505

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	20-Sep-15
Date Completed	28-Sep-15
Capped	YES
Casing	YES
Drilled Units	imperial (converted to metric)

Hole Objective: To test the up dip extension of the high grade zone by infilling between holes 114, 58, 54, 11 and 57.

Comments: The magnetic declination for 2015 is 19.3 deg East.

Survey

Type	Reflex EZ Shot	
Dist (m)	Azi	Dip
0	40	-57
17.37	40.1	-56.7
63.09	37.8	-55.7
108.81	39.4	-54.7
154.54	38.9	-52.2
200.26	39.2	-49.4
245.98	39.3	-47.3
291.7	39.9	-45.2
322.18	40.6	-44.3

Hole Summary: Drill hole A-15-131, the final hole of the 2015 program was drilled to test the up dip extension of the high grade zone. It collared into black, siliceous mudstone of the Gunsteel Formation. Weak distal mineralisation in the form of bedded nodular barite was intersected from 15.17-31.44m and again from 81.25-111.80m.

Distal pyrite mineralisation was intersected from 140.74m and continued to 179.13m with a small 28cm wide chert bed in the middle. The mineralisation consists of somewhat regularly occurring thin beds of very fine grained, dull brown laminar pyrite and off white, pyritic nodular barite interbedded with Gunsteel mudstone. Beds were oriented at 90 degrees to core axis in the upper portion of this interval and switched to a dominantly 50 degree to core axis orientation over the final portion, which is interpreted to be a drill section scale z-fold.

Including the aforementioned distal pyrite sequence the hole intersected the following sequence of lithologies: 4PYSH-4SH-4PYSH (v. Small)-4CSH-4SH-4PYSH, which based on some distinct features within these units (see litho descriptions) it was interpreted to have been drilled through a drill section scale fold.

Another distal pyrite sequence was intersected from 229.6-261.6m, with a minor shale bed following it before getting into the Cardiac Creek zone. Proximal pyrite mineralisation was not present in this hole and the large healed fault zone that precedes the Cardiac Creek zone was also absent. In place of the healed fault was a small 16cm wide rubbly fault zone.

Cardiac Creek mineralization was intersected from 266.16-288.36m with shale interbeds at 267.26-270.13m and 275.77-277.73m. The mineralisation was composed of thick beds of laminar-bedded sulphide mineralisation, with the highest grade grey, very fine grained sphalerite and mottled, cream coloured sphalerite-quartz-carbonate-galena mineralisation increasing in abundance compared to the pyrite downhole.

Footwall Cardiac Creek zone was intermixed with thick beds of massive barite from 288.36-297m. A small interval of weak debris flow occurred just above the Road River contact. The hole finished at 322.17m in Road River siltstone.

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-131	0.00	7.62	7.62	Casing	Casing	CS		CS
A-15-131	7.62	15.17	7.55	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing approximately 1% brassy, very fine grained, disseminated pyrite throughout. Pyritic silt beds occur scattered within the interval. There is abundant orange-yellow limonite on cleavage and fracture planes to a depth of approximately 22m. At 15.8m there is a small white quartz (40%)-carbonate (40%)-pyrobitumen (20%) vein. Core is rubbly to blocky. The lower contact is marked by the first occurrence of baritic shale.	4SH		GSF
A-15-131	15.17	31.44	16.27	Nodular barite with interbedded mudstone	Generally 1-7cm thick beds of fine grained, 1-3mm sized, off-white nodular barite with brassy pyrite cores interbedded with .1-1m thick black, very fine grained mudstone beds. There are occassional pyritic silt laminations throughout the interval. From 29.2-34m the nodular barite(?) is in a continuous mud supported bed that fines downhole--> possibly a weak fragmental interval similar to hole 121?? Limonite on fractures continues to 22m. Core is poker chip to blocky.	4BSH		GSF
A-15-131	31.44	81.25	49.81	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing approximately 1% brassy, very fine grained, disseminated pyrite throughout. Pyritic silt beds and silty laminations occur sporadically within the interval, increasing in frequency downhole. Large 20-40cm wide, round, grey, granular concretions occur scattered over the interval. There are a few fracture zones where core is disc-like and has polished fracture planes but there is no gouge. Core is generally blocky and well cleaved at 55-65 deg TCA.	4SH		GSF
A-15-131	81.25	111.80	30.55	Nodular barite with interbedded mudstone	This interval is characteriserd by 1-10cm thick beds of fine grained, 1-3mm sized, off-white, pyritic nodular barite in discontinuous laminations, with weak, very faint, very fine grained, disseminated, brassy-dull brown pyrite laminations interbedded with siliceous black mudstone. Nodular barite beds are generally planar, though some beds are weakly convoluted to folded. They increase in thickness and frequency downhole. There are a few large >50cm wdie grey, granular concretions towards the bottom of the interval. Pyritic silt beds and laminations are sporadic throughout the interval. Chert beds <20cm thick occur rarely (87.5m). Structurally the bedding goes from 40 deg TCA to 105 deg TCA and back to 90 deg TCA. INTERP: could be fault affected bedding. Core is generally blocky - competent outside of fault/fracture zones and cleavage is oriented at 55-70 deg TCA.	4BSH		GSF
A-15-131	111.80	112.50	0.70	Chert	Light grey, very hard, microcrystalline chert that has been pitted by drilling. The core fractures conchoidally and has abundant grey quartz stringers/ veinlets throughout. There is a minor amount of fine grained, brassy, cubis pyrite disseminated near the lower contact. Both contacts have a small fracture zone associated with them.	4CSH		GSF
A-15-131	112.50	140.74	28.24	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing approximately 1% very fine grained, brassy pyrite, disseminated throughout. Concretions are rare in this interval. There are also rare, very fine grained, off-white, pyritic, nodular barite laminations scattered throughout the interval. Pyritic silt laminations and 10-20cm thick beds occur sporadically throughout. From 121.09-121.45m there is a monolithic, siltstone/sandstone debris flow that fines uphole from pebble to silt sized fragments. From 135-140.74m the core is highly fractured and possibly associated with a weak fault zone. The lower contact is a large vein/shear. Core is generally competent and well cleaved.	4SH	4BSH	GSF
A-15-131	140.74	146.84	6.10	Laminar pyrite and nodular barite in thin beds	Dull brown, very fine grained, laminar pyrite interlaminated with off-white, fine to medium grained, 2-6mm wide, pyritic, nodular-discontinuous barite in 5-15cm wide beds. The mineralisation is interbedded with theick beds of black, siliceous, very fine grained, Gunsteel mudstone. Laminar pyrite and nodular barite beds are generally oriented at 80-120 deg TCA and make up 9% of the interval, increasing in frequency and thickness downhole. There are a few concretions in the interval, verying in size from 2-20cm. Core is competent and cleaved at 25-35 deg TCA.	4PYSH		GSF
A-15-131	146.84	147.12	0.28	Chert	Light grey, very hard, microcrystalline chert that has chatter marks from drilling. There is abundant quartz-carbonate veining throughout. The lower 15cm is calcareous and grey, very fine grained and granular--> possibly a silicified concretion??	4CSH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-131	147.12	179.13	32.01	Laminar pyrite and nodular barite in thin beds	Dull brown, very fine grained, laminar pyrite interlaminated with off-white, fine to medium grained, 2-6mm wide, pyritic, nodular-discontinuous barite in 5-15cm wide beds. The mineralisation is interbedded with, on average, 20-60cm thick beds of black, siliceous, very fine grained, Gunsteel mudstone. Laminar pyrite and nodular barite beds are generally oriented at 90 deg TCA in the upper portion of this interval and are generally oriented at 50 deg TCA by the bottom of the interval (170-180m). INTERP: Drilled through a drill section scale z-fold? Mineralisation makes up 7-9% of the interval, with beds thinning downhole. Pyrite to Barite is a 1:1 ratio. Concretions occur regularly throughout the interval and are 10-40cm in size, septarian, grey, granular and round. They can sometimes be distorted along bedding planes. Core is competent and cleaved at 20-50 deg TCA; it steepens downhole.	4PYSH		GSF
A-15-131	179.13	183.50	4.37	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing 1% very fine grained, brassy, disseminated pyrite. One light grey siltsone bed from 179.9-180.1m. This siltstone bed has an irregular upper contact and the lower portion is interlaminated with mudstone. There are rare sub-cm to 2cm sized concretions throughout. Core is competent and well-cleaved. Lower contact is gradational.	4SH		GSF
A-15-131	183.50	184.13	0.63	Chert	Light grey, very hard, very fine grained chert with abundant cm wide white quartz-carbonate veining cross cutting it. The upper contact is gradational over 10cm with alternating laminations of shale and cherty shale. The lower contact is sharp with a small fault	4CSH		GSF
A-15-131	184.13	186.53	2.40	Black, siliceous mudstone	Small bed of black, siliceous, very fine grained mudstone containing 1% very fine grained, brassy, disseminated pyrite. Small fault at the upper contact. Sharp lower contact with mineralised bed.	4SH		GSF
A-15-131	186.53	187.95	1.42	Laminar pyrite and nodular barite in thin beds	Small zone with a few thin beds of dull brown, very fine grained, laminar pyrite interlaminated with 1-4mm sized, off-white, pyritic nodular barite hosted in black mudstone. Mineralised beds are interbedded with Gunsteel mudstone.	4PYSH		GSF
A-15-131	187.95	188.26	0.31	Chert	Light grey, very hard, very fine grained chert with chatter marks from drilling and a conchoidal fracture. White quartz-carbonate fracture infill veinlets occur frequently throughout. The chert contains minor fine grained, disseminated, brassy pyrite. The upper contact is faulted and the lower contact is gradational over 20-30cm with interlaminated cherty shale and shale. INTERP: We drilled through a large, drill section scale fold based on the mirror image chert beds in this section of core.	4CSH		GSF
A-15-131	188.26	195.28	7.02	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing 1% very fine grained, brassy, disseminated pyrite. Concretions are rare in this interval and vary in size from sub-cm to 10cm. There is a siltstone bed of similar character to that mentioned in a 4SH interval from 179.13-183.5m, but this one is the mirror image. INTERP: More evidence of drilling through a large, drill section scale fold based on the mirror image siltstone in this section of core. There is no bedding evidence suggesting which way is up. Core is competent and well cleaved	4SH		GSF
A-15-131	195.28	223.55	28.27	Laminar pyrite and nodular barite in thin beds	Dull brown, very fine grained, laminar pyrite interlaminated with off-white, fine to medium grained, 2-6mm wide, pyritic, nodular-discontinuous barite in 2-20cm wide beds. The mineralisation is interbedded with, on average, 50-90cm thick beds of black, siliceous, very fine grained, Gunsteel mudstone. Laminar pyrite and nodular barite beds are generally oriented at 65-85 deg TCA throughout the interval. Mineralisation makes up approximately 5% of the interval. Round concretions are scattered throughout the interval and are highly variable in size. They often have pyritic rims and the larger ones are septarian. One concretion at 205m has a sulphide lamination within. A few mineralised beds have small sub-cm thick pyritic silt beds associated with them. From 216.1-219m there is a large zone of randomly oriented veining and mineralisation continues sparsely throughout it. The upper 20cm is unique in that it is a grey quartz cemented breccia containing silt to small pebble sized, sub-angular to sub-rounded clasts of black mudstone. The last pulse of mineralisation in the interval is also the thickest bed.	4PYSH		GSF
A-15-131	223.55	229.60	6.05	Black, siliceous mudstone	Large interbed of black, siliceous, very fine grained mudstone that contains 1% very fine grained, disseminated, brassy pyrite. This dead, terribly boring shale bed seperates two distal pyrite intervals. Can we go home yet? There is a small 20 cm wide chert bed at the upper contact. Core is competent and cleaved at 35-45 deg TCA.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-131	229.60	261.60	32.00	Laminar pyrite and nodular barite in thin beds	Dull brown, very fine grained, laminar pyrite interlaminated with off-white, fine to medium grained, 2-6mm wide, pyritic, nodular-discontinuous barite in 2-20cm wide beds. The mineralisation is interbedded with, on average, 50-90cm thick beds of black, siliceous, very fine grained, Gunsteel mudstone. Laminar pyrite and nodular barite beds are generally oriented at 55-75 deg TCA in the upper portion of the interval and at 75-90 deg TCA throughout the bottom portion of the interval. Mineralisation makes up approximately 5% of the interval. Round concretions are scattered throughout the interval and are highly variable in size. They often have pyritic rims and the larger ones are septarian. The first pulse of mineralisation in the interval is also the thickest bed. INTERP: more evidence of lithology repetition due to folding. There are a few quartz-carbonate veins throughout. Pyrite laminations decrease to non-existant downhole with just cm scale nodular barite beds remaining by the end.	4PYSH		GSF
A-15-131	261.60	261.96	0.36	Chert	Light grey, very fine grained, very hard chert with abundant white quartz-carbonate stringers and veinlets throughout. The core fractures conchoidally and has chatter marks from drilling. Fine grained, cubic, brassy pyrite is disseminated within the chert. The upper contact is sharp, irregular and has a small quartz veinlet along the margin. The lower contact is gradational over 10cm, composed of cherty/ intensely siliceous mudstone.	4CSH		GSF
A-15-131	261.96	266.16	4.2	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone containing 1% very fine grained, brassy, disseminated pyrite. Cleavage parallel, white, quartz-carbonate stringer veinlets are common from 264.7-266.16m. The typical healed fault zone above the cardiac creek zone is absent, but there is a small 30cm wide fault composed of gouge and rubbly core, followed by THE ZONE.	4SH		GSF
A-15-131	266.16	267.26	1.1	Cardiac Creek zone	Small bed of cardiac creek mineralisation, indicating the start of the zone. This small interval is dominated by dull brown, very fine grained, laminar pyrite with less frequent bands of grey, very fine grained sphalerite and cream coloured, mottle textured quartz-carbonate-sphalerite-galena. MIneralised beds are 15-30cm thick in this small interval and account for 90% of it. Grey, granular fragments are common in the mineralised beds. Pyrite makes up 60-70% of the interval, sphalerite accounts for 20-25% and mudstone interbeds make up 10-20%.	4CC		GSF
A-15-131	267.26	270.13	2.87	Black, siliceous mudstone	Black, siliceuos, very fine grained mudstone interbed separating sections of cardiac creek mineralisation. There are numerous sub-cm to 3cm wide round, grey, granular concretions within the interbed.	4SH		GSF
A-15-131	270.13	275.77	5.64	Cardiac Creek zone	This interval of Cardiac Creek mineralisation is characterised by thick beds of dull brown, very fine grained, laminar pyrite interlaminated/ interbedded with grey, very fine grained, laminar sphalerite and mottle textured cream-off white coloured, very fine grained sphalerite-quartz-carbonate-galena. The mottling is mm to sub-mm scale, but distinct when viewed with a hand lens; it is grey quartz-carbonate with rims of white sphalerite and minor disseminated, metallic, blue-grey galena associated with it. Mineralised beds vary in thickness from 6-30cm, are variably oriented at 50-130 deg TCA throughout and are separated by 10-40cm wide mudstone beds on average. Sulphide laminations are weakly to strongly crenulated throughout. Fragments within the sulphide mineralisation are sub-cm to 10+cm in size, sub-rounded, grey-brown coloured, granular, and occassionally bedded. Fragments appear to cause sulphide laminations to thin and bend around them. Pressure shadows that are formed are composed of carbonate+/-pyrite+/-galena. Mineralisation makes up 53% of the interval; pyrite 25-30%, sphalerite 15-20%, galena 2-5%, tr barite	4CC		GSF
A-15-131	275.77	277.73	1.96	Black, siliceous mudstone	Black, siliceous, very fine grained mudstone interbed between two large intervals of Cardiac Creek mineralisation. There are numerous sub-cm to 3cm wide round, grey, granular concretions within the interbed. There is a series of cleavage parallel white quartz-carbonate veinlets that contain abundant medium grained pyrobitumen and pyrite. There is one 10cm wide white-brassy pyrite vein with faulted contacts.	4SH		GSF

HOLE ID	FROM	TO	LENGTH	LITHOLOGY	DESCRIPTION	PRIM LITHO CODE	SEC LITHO CODE	GRP/FORM
A-15-131	277.73	288.36	10.63	Cardiac Creek zone	This interval of cardiac creek mineralisation is similar to the previous interval, but the main difference is an increase in the frequency of sphalerite-galena mineralisation. Mineralisation is characterised by thick beds of dull brown, very fine grained, laminar pyrite interlaminated/ interbedded with grey, very fine grained, laminar sphalerite and mottle textured cream-off white coloured, very fine grained sphalerite-quartz-carbonate-galena. The mottling is generally coarser in this interval, with a 1-2mm sized texture. It is grey quartz-carbonate with rims of white sphalerite and disseminated, metallic, blue-grey galena associated with it. Mineralised beds vary in thickness from 20-80cm, are generally oriented at 60-70 deg TCA throughout and are separated by 10-40cm wide mudstone beds on average. Sulphide laminations are weakly to strongly crenulated throughout and there are rare core scale folds present with FA at 40-50 deg TCA. Fragments occur very frequently within the sulphide mineralisation are sub-cm to 10+cm in size, sub-rounded, grey-brown coloured, granular, and occassionally bedded.	4CC		GSF
				continued	Fragments appear to cause sulphide laminations to thin and bend around them. Pressure shadows that are formed are composed of carbonate+/-pyrite+/-galena.There are also sub-rounded granular, grey concretions/ fragments in the mudstone interbeds. Mineralisation makes up 60% of the interval; pyrite 10-15%, sphalerite 30-40%, galena 5-8%. As you go downhole mottled sphalerite is present in slightly greater proportions than grey sphalerite and pyrite mineralisation is minor.			
A-15-131	288.36	292.95	4.59	Massive barite interbedded with cardiac creek mineralisation	Massive to granular, light grey, soft, bedded barite interbedded with dull brown, very fine grained, laminar pyrite and minor amounts of grey, very fine grained sphalerite bands. These beds are separated by 10-50cm wide beds of siliceous, black mudstone. Within darker grey coloured barite, there are seams of fine - coarse grained, mettalic, blue-grey galena. A particularly galena rich interval is 288.95 - 289.3m. Beds are planar to weakly convoluted. At 290m is a very convoluted bed forming a W-fold in the core. Mineralised beds vary in thickness from 2-110cm. Barite accounts for 50% of the interval, pyrite 5%, sphalerite 5% and galena 5%. The lower contact is gradational/ subjective. It was chosen as where barite beds become thinner and pyrite mineralisation begins to dominate. At 290.45 is small boudinage that contains coarse grained, recrystallized(?) barite. Fragments are very rare within this entire interval.	4MBSH	4CC	GSF
A-15-131	292.95	297.00	4.05	Massive barite inter bedded with thick laminar pyrite beds	Mineralised beds in this interval are 1-30cm thick and oriented at 60 deg TCA. They are composed of 1-5cm thick beds of massive to granular, light grey, soft, barite interbedded with thick intervals of dull brown, very fine grained, laminar pyrite and very fine grained, 1mm sized, off-white, pyritic nodular barite, as well as minor amounts grey, very fine grained, laminar sphalerite. Mineralisation frequency generally decreases downhole. Barite mineralisation dies out quicker than laminar pyrite. Fragments are sub-cm to 4cm in size, grey, granular to bedded and generally sub-rounded. There is one fragment at 293.2m that could be bedded barite and sulphide- it`s difficult to say for sure. At 294.3-294.35m there is nodular barite that has honey brown sphalerite replacement of its core. There is a minor amount of veining at the lower contact- possibly a weak shear. Pyrite mineralisation makes up 25% of the interval, barite (including nodular barite) 5%, sphalerite 1-2%.	4MBSH	4MPSH	GSF
A-15-131	297.00	299.90	2.9	Odd interval of Gunsteel?	Black, siliceous, very fine grained mudstone that contains fragments of black mudstone with abundant fine grained brassy, disseminated pyrite. Possibly a very weak representation of the debris flow- monolithic? Paul river? Odd	4SH		GSF
A-15-131	299.90	301.20	1.30	Weak debris flow	Weak matrix dominated debris flow composed of widely spaced, sub-rounded, coarse pebble sized clasts of mudstone, siltstone and limestone supported within a black, very fine grained mudstone matrix. The lower contact is faulted with road river group rocks.	5BXLS		PRF
A-15-131	301.20	322.17	20.97	Road River siltstone.	Light to medium grey, fine grained, wavy bedded, calcareous siltstone containing lighter grey, coarse pebble to cobble sized, sub-rounded clasts of calcareous siltstone. Very minor fine grained, brassy, disseminated pyrite occurs throughout. Core is generall competent until 311.56-318m where there is a large fault zone. The whole ends in competent, calcareous road river siltstone.	6CSS		RRG

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	ALT	INTENSITY

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-131	15.17	31.44	16.27	Generally 1-7cm thick beds of fine grained, 1-3mm sized, off-white nodular barite with brassy pyrite cores interbedded with .1-1m thick black, very fine grained mudstone beds	0.5			1		
A-15-131	81.25	111.8	30.55	This interval is characteriserd by 1-10cm thick beds of fine grained, 1-3mm sized, off-white, pyritic nodular barite in discontinuous laminations, with weak, very faint, very fine grained, disseminated, brassy-dull brown pyrite laminations interbedded with siliceous black mudstone.	5			1		
A-15-131	140.74	179.13	38.39	2-15cm thick beds of dull brown, very fine grained, laminar pyrite interlaminated with off-white, 2-6mm sized, pyritic nodular barite. Pyrite is present in a 1:1 ratio with barite. Concretions increase in frequency downhole.	4			4		
A-15-131	186.53	187.95	1.42	2-6cm thick beds of dull brown, very fine grained, laminar pyrite interlaminated with off-white, 2-6mm sized, pyritic nodular barite. Pyrite is present in a 1:1 ratio with barite.	4			4		
A-15-131	195.28	223.55	28.27	2-20cm thick beds of dull brown, very fine grained, laminar pyrite interlaminated with off-white, 2-6mm sized, pyritic nodular barite. Pyrite is present in a 1:1 ratio with barite.	2.5			2.5		
A-15-131	229.6	261.6	32	2-20cm thick beds of dull brown, very fine grained, laminar pyrite interlaminated with off-white, 2-6mm sized, pyritic nodular barite. Pyrite is present in a 1:1 ratio with barite.	2.5			2.5		
A-15-131	266.16	267.26	1.1	Small bed of cardiac creek mineralisation, indicating the start of the zone. This small interval is dominated by dull brown, very fine grained, laminar pyrite with less frequent bands of grey, very fine grained sphalerite and cream coloured, mottle textured quartz-carbonate-sphalerite-galena. MIneralised beds are 15-30cm thick in this small interval and account for 90% of it. Grey, granular fragments are common in the mineralised beds.	60	20	1	1		
A-15-131	270.13	275.77	5.64	This interval of Cardiac Creek mineralisation is characterised by thick beds of dull brown, very fine grained, laminar pyrite interlaminated/ interbedded with grey, very fine grained, laminar sphalerite and mottle textured cream-off white coloured, very fine grained sphalerite-quartz-carbonate-galena. Fine grained, metallic, blue grey galena is observed in pressure shadows and on margins of fragments. Mineralisation occurs in 6-30cm thick beds, making up approximately 53% of the interval.	30	20	3			

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	PY %	SP %	GA %	BA %	CP %	PO %
A-15-131	277.73	288.36	10.63	This interval of Cardiac Creek mineralisation is characterised by thick beds of dull brown, very fine grained, laminar pyrite interlaminated/ interbedded with grey, very fine grained, laminar sphalerite and mottle textured cream-off white coloured, very fine grained sphalerite-quartz-carbonate-galena. Fine grained, metallic, blue grey galena is observed in pressure shadows and on margins of fragments. Mineralisation occurs in 20-80cm thick beds, making up approximately 60% of the interval. Mottled sphalerite mineralization is the dominant style downhole, with grey sphalerite second, and minor pyrite.	15	35	8			
A-15-131	288.36	292.95	4.59	Massive to granular, light grey, soft, bedded barite interbedded with dull brown, very fine grained, laminar pyrite and minor amounts of grey, very fine grained sphalerite bands. These beds are separated by 10-50cm wide beds of siliceous, black mudstone. Within darker grey coloured barite, there are seams of fine - coarse grained, mettalic, blue-grey galena.	5	5	5	50		
A-15-131	292.95	297	4.05	Mineralised beds in this interval are 1-30cm thick and oriented at 60 deg TCA. They are composed of 1-5cm thick beds of massive to granular, light grey, soft, barite interbedded with thick intervals of dull brown, very fine grained, laminar pyrite and very fine grained, 1mm sized, off-white, pyritic nodular barite, as well as minor amounts grey, very fine grained, laminar sphalerite. Mineralisation frequency generally decreases downhole. Barite mineralisation dies out quicker than laminar pyrite.	25	2		5		

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	% OF VEINING IN INTERVAL	CORE ANGLE
A-15-131	37.2	37.5	0.3	White-grey quartz(80%) - carbonate(20%) +/- pyrite veinlet breccia containing abundant pebble sized angular mudstone fragments	35	85
A-15-131	83.23	84.31	1.08	Generally cleavage parallel, .5-6cm wide, white, quartz-carbonate veining. Occasional fracture infill veining associated with veins in upper 30cm (v. Weak shear?)	20	50
A-15-131	140.15	140.74	0.59	Distinct vein zone composed of 25cm of white quartz-carb veining, angular mudstone clasts and trace honey brown sphalerite. This is followed by a 15cm wide weak shear zone composed of thin sheeted quartz-carb vein interfingered with ductile deformed mudstone. The lowest 15cm is dominantly grey quartz containing abundant, sand to fine pebble sized, angular mudstone fragments.	90	60
A-15-131	184.23	184.39	0.16	White-grey quartz-carbonate vein book ended by gouge seams	80	40
A-15-131	216.17	219.02	2.85	In general the vein zone is composed of wormy, randomly oriented veins, veinlets and stringers. There is brecciation of host rock throughout. The upper 25cm of the interval is a grey quartz cemented breccia of sub-angular to sub-rounded mudstone clasts.	50	
A-15-131	237.67	237.88	0.21	8cm thick, white quartz-carbonate vein with a few ductile deformed, wormy, sheets of mudstone within. Minor brecciation.	70	35
A-15-131	240.4	240.55	0.15	This vein is dominantly a pyrite cement, with intergranular grey quartz and it contains a number of sub-rounded, grey clasts	100	50
A-15-131	241	241.12	0.12	White quartz-cvarb vein with minor pyrite. Gouge on lower contact. S-folds formed by veining proximal to lower contact.	80	30
A-15-131	276.81	276.9	0.09	Vein composed of blotchy, brassy pyrite with intergranular white quartz-carbonate. Weakly faulted, broken-up contacts	100	25

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	13.46	13.47	0.01	cleavage	CLV	73
A-15-131	15.21	15.22	0.01	cleavage	CLV	70
A-15-131	15.23	15.24	0.01	nodular barite	BDG	70
A-15-131	15.46	15.47	0.01	silty lamination	BDG	72
A-15-131	16.85	16.86	0.01	cleavage	CLV	75
A-15-131	17.09	17.1	0.01	pyritic silt lamination	BDG	75
A-15-131	17.74	17.75	0.01	cleavage	CLV	73
A-15-131	18.16	18.17	0.01	nodular barite	BDG	76
A-15-131	18.72	18.73	0.01	cleavage	CLV	70
A-15-131	21.5	21.51	0.01	nodular barite	BDG	75
A-15-131	22.1	22.11	0.01	cleavage	CLV	75
A-15-131	23.09	23.1	0.01	nodular barite	BDG	78
A-15-131	23.77	23.78	0.01	nodular barite	BDG	70
A-15-131	23.97	23.98	0.01	nodular barite	BDG	70
A-15-131	23.92	23.93	0.01	cleavage	CLV	63
A-15-131	25.4	25.41	0.01	nodular barite	BDG	76
A-15-131	26.03	26.04	0.01	cleavage	CLV	80
A-15-131	28.61	28.62	0.01	cleavage	CLV	70
A-15-131	30.63	30.64	0.01	cleavage	CLV	59
A-15-131	32.14	32.15	0.01	cleavage	CLV	66
A-15-131	33.99	34	0.01	cleavage	CLV	66
A-15-131	35.61	35.62	0.01	cleavage	CLV	60
A-15-131	37.76	37.77	0.01	cleavage	CLV	72
A-15-131	39.18	39.19	0.01	cleavage	CLV	71
A-15-131	40.34	40.35	0.01	cleavage	CLV	66
A-15-131	42.31	42.32	0.01	cleavage	CLV	71
A-15-131	43.76	43.77	0.01	cleavage	CLV	54
A-15-131	44.4	44.41	0.01	cleavage	CLV	64
A-15-131	45.54	45.55	0.01	cleavage	CLV	66
A-15-131	47.36	47.37	0.01	cleavage	CLV	68
A-15-131	49.11	49.12	0.01	cleavage	CLV	68
A-15-131	49.38	51.33	1.95	weak fault zone characterised by rubbly core with polished, graphitic fracture planes and minor gouge	FLT	
A-15-131	52.52	52.53	0.01	cleavage	CLV	62
A-15-131	53.49	53.5	0.01	cleavage	CLV	62
A-15-131	55.25	55.26	0.01	cleavage	CLV	64
A-15-131	56.36	56.37	0.01	cleavage	CLV	56
A-15-131	57.36	57.37	0.01	silty lamination	BDG	50
A-15-131	57.56	57.57	0.01	cleavage	CLV	66
A-15-131	58.29	58.77	0.48	weak fault zone characterised by rubbly core with polished, graphitic fracture planes and minor gouge	FLT	
A-15-131	59.55	59.56	0.01	cleavage	CLV	74
A-15-131	59.63	59.64	0.01	silty lamination	BDG	58
A-15-131	61.61	61.62	0.01	cleavage	CLV	74
A-15-131	61.79	61.8	0.01	silty lamination	BDG	60

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	62.28	62.29	0.01	silty lamination	BDG	58
A-15-131	62.8	62.81	0.01	cleavage	CLV	66
A-15-131	63.69	63.7	0.01	silty lamination	BDG	54
A-15-131	63.81	63.82	0.01	cleavage	CLV	62
A-15-131	65.86	65.87	0.01	cleavage	CLV	58
A-15-131	65.9	65.91	0.01	silty lamination	BDG	56
A-15-131	66.14	66.15	0.01	cleavage	CLV	56
A-15-131	66.15	66.16	0.01	pyritic silt lamination	BDG	50
A-15-131	66.58	74.55	7.97	Fault zone characterised by dominantly consolidated gouge zones intermixed with rubbly core. Lower contact is distinct with consolidated gouge in contact with fault plane	FLT	25
A-15-131	74.95	74.96	0.01	silt bed	BDG	55
A-15-131	75.29	75.3	0.01	cleavage	CLV	55
A-15-131	76.81	76.82	0.01	silt bed	BDG	54
A-15-131	76.96	76.97	0.01	cleavage	CLV	56
A-15-131	78.22	78.23	0.01	cleavage	CLV	55
A-15-131	79.85	79.96	0.11	cleavage	CLV	57
A-15-131	81.3	81.31	0.01	nodular barite	BDG	55
A-15-131	81.38	81.39	0.01	cleavage	CLV	60
A-15-131	82.94	82.95	0.01	silt bed	BDG	60
A-15-131	83.17	83.18	0.01	cleavage	CLV	55
A-15-131	84.15	84.16	0.01	silt bed	BDG	54
A-15-131	84.34	84.35	0.01	cleavage	CLV	56
A-15-131	85.68	85.69	0.01	nodular barite	BDG	50
A-15-131	85.78	85.79	0.01	cleavage	CLV	55
A-15-131	86.65	86.66	0.01	cleavage	CLV	54
A-15-131	87	87.01	0.01	pyritic silt bed	BDG	50
A-15-131	87.98	87.99	0.01	cleavage	CLV	63
A-15-131	87.59	87.6	0.01	pyritic silt bed	BDG	64
A-15-131	88.02	88.03	0.01	cleavage	CLV	60
A-15-131	88.04	91.56	3.52	Fault zone characterised by rubbly, broken core and minor gouge on few fracture planes.	FLT	
A-15-131	92.05	92.06	0.01	cleavage	CLV	50
A-15-131	92.19	92.2	0.01	nodular barite	BDG	50
A-15-131	93.16	93.17	0.01	nodular barite	BDG	40
A-15-131	93.57	93.58	0.01	cleavage	CLV	49
A-15-131	94.05	94.06	0.01	nodular barite	BDG	40
A-15-131	95.17	95.18	0.01	cleavage	CLV	61
A-15-131	95.8	95.81	0.01	nodular barite	BDG	150
A-15-131	96.27	96.28	0.01	nodular barite	BDG	145
A-15-131	96.31	96.32	0.01	cleavage	CLV	66
A-15-131	96.41	96.42	0.01	nodular barite	BDG	100
A-15-131	96.85	96.86	0.01	nodular barite	BDG	105
A-15-131	97.71	97.72	0.01	nodular barite	BDG	100

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	98.23	98.24	0.01	cleavage	CLV	63
A-15-131	98.25	98.26	0.01	nodular barite	BDG	95
A-15-131	98.49	98.5	0.01	pyritic silt bed	BDG	120
A-15-131	99.67	99.68	0.01	cleavage	CLV	50
A-15-131	99.99	100	0.01	nodular barite	BDG	85
A-15-131	100.4	100.41	0.01	nodular barite	BDG	80
A-15-131	101.91	101.92	0.01	nodular barite	BDG	85
A-15-131	102	102.01	0.01	cleavage	CLV	64
A-15-131	102.3	102.31	0.01	nodular barite	BDG	90
A-15-131	102.92	102.93	0.01	nodular barite	BDG	70
A-15-131	103.11	103.12	0.01	cleavage	CLV	62
A-15-131	103.92	103.93	0.01	nodular barite	BDG	90
A-15-131	105.6	105.61	0.01	cleavage	CLV	55
A-15-131	106	107.11	1.11	weak fault zone(??) characterised by rubbly core and no gouge	FLT	
A-15-131	107.5	107.51	0.01	cleavage	CLV	48
A-15-131	107.9	107.91	0.01	cleavage	CLV	60
A-15-131	108.65	108.66	0.01	nodular barite	BDG	90
A-15-131	108.48	108.49	0.01	cleavage	CLV	58
A-15-131	108.83	108.84	0.01	silty lamination	BDG	80
A-15-131	111.43	111.44	0.01	nodular barite	BDG	86
A-15-131	111.58	111.59	0.01	cleavage	CLV	60
A-15-131	113.3	113.31	0.01	silty lamination	BDG	82
A-15-131	113.4	113.41	0.01	cleavage	CLV	56
A-15-131	114.91	114.92	0.01	cleavage	CLV	56
A-15-131	115.31	115.32	0.01	pyritic silt bed	BDG	84
A-15-131	115.71	115.72	0.01	cleavage	CLV	68
A-15-131	115.87	115.88	0.01	pyritic silt bed	BDG	75
A-15-131	116.18	116.19	0.01	pyritic silt bed	BDG	84
A-15-131	118.02	118.03	0.01	cleavage	CLV	45
A-15-131	118.97	118.98	0.01	pyritic silt bed	BDG	50
A-15-131	120.21	120.22	0.01	cleavage	CLV	60
A-15-131	122.04	122.05	0.01	cleavage	CLV	61
A-15-131	122.23	122.24	0.01	pyritic silt bed	BDG	89
A-15-131	123.86	123.87	0.01	cleavage	CLV	64
A-15-131	124.08	124.09	0.01	nodular barite	BDG	90
A-15-131	124.87	124.88	0.01	cleavage	CLV	45
A-15-131	125.87	125.88	0.01	nodular barite	BDG	98
A-15-131	127.1	127.11	0.01	cleavage	CLV	55
A-15-131	127.8	127.81	0.01	nodular barite	BDG	86
A-15-131	128.16	128.17	0.01	cleavage	CLV	51
A-15-131	129.9	129.91	0.01	cleavage	CLV	53
A-15-131	131.09	131.1	0.01	cleavage	CLV	56
A-15-131	132.81	132.82	0.01	nodular barite	BDG	95
A-15-131	133.33	133.34	0.01	cleavage	CLV	58

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	134.61	134.62	0.01	cleavage	CLV	58
A-15-131	134.95	138.9	3.95	Weak fault zone, mostly poker chip core, but also minor gouge and ground up core	FLT	20
A-15-131	135.95	135.96	0.01	cleavage	CLV	50
A-15-131	137.21	137.22	0.01	cleavage	CLV	82
A-15-131	139.93	139.94	0.01	cleavage	CLV	66
A-15-131	140.53	140.64	0.11	shear characterized by sheeted quartz carb veining interfingered with ductile deformed mudstone		
A-15-131	140.78	1140.79	1000.01	laminar pyrite	BDG	95
A-15-131	141.11	141.12	0.01	cleavage	CLV	28
A-15-131	142.07	142.08	0.01	cleavage	CLV	25
A-15-131	142.88	142.89	0.01	laminar pyrite	BDG	84
A-15-131	143.51	143.52	0.01	cleavage	CLV	35
A-15-131	144.26	144.27	0.01	silty lamination	BDG	87
A-15-131	145.37	145.38	0.01	laminar pyrite	BDG	78
A-15-131	146.09	146.1	0.01	cleavage	CLV	34
A-15-131	146.52	146.53	0.01	laminar pyrite	BDG	100
A-15-131	146.69	146.7	0.01	nodular barite	BDG	75
A-15-131	148.44	148.45	0.01	cleavage	CLV	44
A-15-131	148.37	148.38	0.01	cleavage	CLV	42
A-15-131	150.01	150.02	0.01	laminar pyrite	BDG	82
A-15-131	150.7	150.71	0.01	cleavage	CLV	26
A-15-131	151.77	151.78	0.01	cleavage	CLV	25
A-15-131	152.67	152.68	0.01	cleavage	CLV	32
A-15-131	152.97	152.98	0.01	silt bed	BDG	85
A-15-131	153.85	153.86	0.01	laminar pyrite	BDG	76
A-15-131	154.53	154.54	0.01	cleavage	CLV	50
A-15-131	154.78	154.79	0.01	nodular barite	BDG	87
A-15-131	155.78	155.79	0.01	nodular barite	BDG	85
A-15-131	156.24	156.25	0.01	cleavage	CLV	32
A-15-131	157.1	157.11	0.01	nodular barite	BDG	93
A-15-131	157.4	157.41	0.01	cleavage	CLV	48
A-15-131	158.04	158.05	0.01	laminar pyrite	BDG	83
A-15-131	158.56	158.57	0.01	laminar pyrite	BDG	94
A-15-131	158.66	158.67	0.01	cleavage	CLV	30
A-15-131	160.14	160.15	0.01	cleavage	CLV	30
A-15-131	161.05	161.06	0.01	laminar pyrite	BDG	90
A-15-131	162.3	162.31	0.01	cleavage	CLV	40
A-15-131	162.64	162.65	0.01	nodular barite	BDG	82
A-15-131	163.72	163.73	0.01	laminar pyrite	BDG	75
A-15-131	163.91	163.92	0.01	cleavage	CLV	54
A-15-131	164.26	164.27	0.01	nodular barite	BDG	70
A-15-131	164.88	164.89	0.01	nodular barite	BDG	70
A-15-131	164.94	164.95	0.01	cleavage	CLV	45
A-15-131	165.03	165.04	0.01	nodular barite	BDG	68

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	166.28	166.29	0.01	laminar pyrite	BDG	60
A-15-131	166.45	166.46	0.01	cleavage	CLV	53
A-15-131	166.95	166.96	0.01	nodular barite	BDG	74
A-15-131	162.27	162.28	0.01	laminar pyrite	BDG	113
A-15-131	164.35	164.36	0.01	cleavage	CLV	55
A-15-131	169.22	169.23	0.01	laminar pyrite	BDG	43
A-15-131	169.65	169.66	0.01	cleavage	CLV	51
A-15-131	170.32	170.33	0.01	nodular barite	BDG	48
A-15-131	171.29	171.3	0.01	nodular barite	BDG	44
A-15-131	171.54	171.55	0.01	cleavage	CLV	34
A-15-131	172.16	172.17	0.01	laminar pyrite	BDG	44
A-15-131	172.53	172.54	0.01	cleavage	CLV	42
A-15-131	173.51	173.52	0.01	cleavage	CLV	45
A-15-131	174.12	174.13	0.01	nodular barite	BDG	48
A-15-131	174.59	174.6	0.01	laminar pyrite	BDG	42
A-15-131	175.04	175.05	0.01	cleavage	CLV	49
A-15-131	176.08	176.09	0.01	cleavage	CLV	45
A-15-131	177.12	177.13	0.01	nodular barite	BDG	48
A-15-131	178.38	178.39	0.01	cleavage	CLV	45
A-15-131	178.72	178.73	0.01	nodular barite	BDG	46
A-15-131	178.92	178.93	0.01	cleavage	CLV	50
A-15-131	180.22	180.23	0.01	cleavage	CLV	45
A-15-131	182.71	182.72	0.01	cleavage	CLV	45
A-15-131	184.21	184.39	0.18	small fault zone that has a 5cm wide gouge seam on either side of a white quartz-carbonate vein	FLT	40
A-15-131	184.56	184.57	0.01	cleavage	CLV	55
A-15-131	186.05	186.06	0.01	cleavage	CLV	27
A-15-131	186.56	186.57	0.01	nodular barite	BDG	54
A-15-131	187.37	187.38	0.01	cleavage	CLV	44
A-15-131	187.63	187.64	0.01	nodular barite	BDG	84
A-15-131	187.65	187.95	0.3	small fault that is gouge and rubbly core. There is consolidated gouge on the lower contact	FLT	40
A-15-131	188.64	188.65	0.01	cleavage	CLV	36
A-15-131	190.81	190.82	0.01	cleavage	CLV	40
A-15-131	191.11	191.12	0.01	cleavage	CLV	45
A-15-131	192.24	192.25	0.01	cleavage	CLV	38
A-15-131	193.6	193.61	0.01	cleavage	CLV	45
A-15-131	195.28	195.29	0.01	nodular barite	BDG	57
A-15-131	195.8	195.81	0.01	cleavage	CLV	52
A-15-131	195.99	196	0.01	nodular barite	BDG	62
A-15-131	196.17	196.31	0.14	gouge and rubble	FLT	
A-15-131	197.33	197.34	0.01	cleavage	CLV	53
A-15-131	197.43	197.44	0.01	laminar pyrite	BDG	66
A-15-131	198.78	198.79	0.01	nodular barite	BDG	60
A-15-131	199.41	199.42	0.01	nodular barite	BDG	75

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	199.91	199.92	0.01	cleavage	CLV	58
A-15-131	201.11	201.12	0.01	laminar pyrite	BDG	75
A-15-131	202.2	202.21	0.01	cleavage	CLV	45
A-15-131	203.3	203.31	0.01	cleavage	CLV	51
A-15-131	203.49	203.5	0.01	laminar pyrite	BDG	63
A-15-131	204.23	204.24	0.01	nodular barite	BDG	62
A-15-131	204.92	204.93	0.01	cleavage	CLV	53
A-15-131	206.13	206.14	0.01	laminar pyrite	BDG	75
A-15-131	206.21	206.22	0.01	cleavage	CLV	59
A-15-131	206.65	206.66	0.01	nodular barite	BDG	70
A-15-131	207.09	207.1	0.01	laminar pyrite	BDG	78
A-15-131	207.68	207.69	0.01	cleavage	CLV	51
A-15-131	208.7	208.71	0.01	nodular barite	BDG	95
A-15-131	208.88	208.89	0.01	cleavage	CLV	28
A-15-131	210.02	210.03	0.01	nodular barite	BDG	80
A-15-131	210.2	210.21	0.01	cleavage	CLV	56
A-15-131	212.28	212.29	0.01	laminar pyrite	BDG	78
A-15-131	212.53	212.54	0.01	cleavage	CLV	60
A-15-131	212.78	212.9	0.12	gouge and rubble	FLT	40
A-15-131	213	213.01	0.01	laminar pyrite	BDG	95
A-15-131	215.61	215.62	0.01	cleavage	CLV	58
A-15-131	215.94	215.95	0.01	laminar pyrite	BDG	115
A-15-131	217.09	217.1	0.01	cleavage	CLV	47
A-15-131	218.77	218.78	0.01	cleavage	CLV	48
A-15-131	219.19	219.2	0.01	silt bed	BDG	30
A-15-131	220.05	220.06	0.01	cleavage	CLV	39
A-15-131	220.89	220.9	0.01	cleavage	CLV	43
A-15-131	222.03	222.04	0.01	cleavage	CLV	40
A-15-131	223.25	223.26	0.01	nodular barite	BDG	80
A-15-131	223.69	223.7	0.01	cleavage	CLV	45
A-15-131	224.64	224.65	0.01	cleavage	CLV	50
A-15-131	225.7	225.71	0.01	cleavage	CLV	35
A-15-131	227.88	227.89	0.01	cleavage	CLV	45
A-15-131	229.47	229.48	0.01	cleavage	CLV	44
A-15-131	229.98	229.99	0.01	laminar pyrite	BDG	48
A-15-131	230.96	230.97	0.01	cleavage	CLV	48
A-15-131	231.74	231.75	0.01	laminar pyrite	BDG	62
A-15-131	233.78	233.79	0.01	cleavage	CLV	48
A-15-131	233.97	233.98	0.01	laminar pyrite	BDG	65
A-15-131	234.98	234.99	0.01	cleavage	CLV	43
A-15-131	236.67	236.68	0.01	cleavage	CLV	40
A-15-131	237.49	237.5	0.01	laminar pyrite	BDG	56
A-15-131	238.42	238.43	0.01	cleavage	CLV	47
A-15-131	238.82	238.83	0.01	laminar pyrite	BDG	53

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	241.31	241.32	0.01	shear zone with s-shaped veins. Possibly seeing sinistral movement		
A-15-131	241.93	241.94	0.01	cleavage	CLV	40
A-15-131	242.93	242.94	0.01	cleavage	CLV	43
A-15-131	243.02	243.03	0.01	laminar pyrite	BDG	50
A-15-131	244.1	244.11	0.01	cleavage	CLV	30
A-15-131	244.39	244.4	0.01	nodular barite	BDG	49
A-15-131	245.83	245.84	0.01	nodular barite	BDG	60
A-15-131	245.97	245.98	0.01	cleavage	CLV	50
A-15-131	246.39	246.4	0.01	laminar pyrite	BDG	60
A-15-131	247.37	247.38	0.01	nodular barite	BDG	62
A-15-131	247.74	247.75	0.01	cleavage	CLV	52
A-15-131	248.48	248.49	0.01	cleavage	CLV	56
A-15-131	249.06	249.07	0.01	silty lamination	BDG	70
A-15-131	249.79	249.8	0.01	cleavage	CLV	50
A-15-131	250.3	250.31	0.01	laminar pyrite	BDG	71
A-15-131	251.54	251.55	0.01	laminar pyrite	BDG	57
A-15-131	252.07	252.08	0.01	cleavage	CLV	42
A-15-131	252.13	252.14	0.01	nodular barite	BDG	90
A-15-131	252.61	252.62	0.01	cleavage	CLV	50
A-15-131	253.28	253.29	0.01	nodular barite	BDG	80
A-15-131	253.86	253.87	0.01	cleavage	CLV	58
A-15-131	254.19	254.2	0.01	laminar pyrite	BDG	90
A-15-131	254.8	254.95	0.15	weak shear zone composed of sheeted quartz vein intermixed with ductile deformed mudstone		60
A-15-131	255.56	255.57	0.01	cleavage	CLV	48
A-15-131	255.88	255.89	0.01	silty lamination	BDG	88
A-15-131	256.97	256.98	0.01	cleavage	CLV	48
A-15-131	258.47	258.48	0.01	cleavage	CLV	50
A-15-131	259.25	259.26	0.01	nodular barite	BDG	80
A-15-131	259.93	259.94	0.01	cleavage	CLV	50
A-15-131	260.92	260.93	0.01	silty lamination	BDG	84
A-15-131	261.41	261.42	0.01	cleavage	CLV	44
A-15-131	262.84	262.85	0.01	cleavage	CLV	65
A-15-131	264.26	264.27	0.01	cleavage	CLV	55
A-15-131	265.17	265.18	0.01	cleavage	CLV	55
A-15-131	266.4	266.41	0.01	sulphide bed	BDG	75
A-15-131	266.56	266.57	0.01	cleavage	CLV	74
A-15-131	266.88	266.89	0.01	sulphide bed	BDG	80
A-15-131	267.71	267.72	0.01	cleavage	CLV	30
A-15-131	268.76	268.77	0.01	cleavage	CLV	22
A-15-131	270.28	270.29	0.01	sulphide bed	BDG	95
A-15-131	270.57	270.58	0.01	sulphide bed	BDG	90
A-15-131	269.91	269.92	0.01	sulphide bed	BDG	130
A-15-131	271.48	271.49	0.01	sulphide bed	BDG	130

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	271.94	271.95	0.01	sulphide bed	BDG	82
A-15-131	272.09	272.1	0.01	cleavage	CLV	28
A-15-131	272.54	272.55	0.01	sulphide bed	BDG	58
A-15-131	272.88	272.89	0.01	sulphide bed	BDG	85
A-15-131	273.63	273.64	0.01	cleavage	CLV	38
A-15-131	274.16	274.17	0.01	sulphide bed	BDG	70
A-15-131	274.7	274.71	0.01	cleavage	CLV	26
A-15-131	275.35	275.36	0.01	sulphide bed	BDG	56
A-15-131	275.77	275.78	0.01	cleavage	CLV	32
A-15-131	277.02	277.03	0.01	cleavage	CLV	42
A-15-131	277.82	277.83	0.01	sulphide bed	BDG	78
A-15-131	278.25	278.26	0.01	sulphide bed	BDG	50
A-15-131	278.6	278.61	0.01	cleavage	CLV	20
A-15-131	278.74	278.75	0.01	convoluted fold axis pointing uphole	FA	40
A-15-131	278.88	278.89	0.01	convoluted fold axis pointing downhole	FA	40
A-15-131	279.93	279.94	0.01	fold axis in conoluted sulphide bed	FA	54
A-15-131	279.74	279.75	0.01	cleavage	CLV	50
A-15-131	279.77	279.78	0.01	sulphide bed	BDG	60
A-15-131	280.57	280.58	0.01	cleavage	CLV	38
A-15-131	281.59	281.6	0.01	sulphide bed	BDG	72
A-15-131	282.19	282.2	0.01	sulphide bed	BDG	62
A-15-131	283.17	283.18	0.01	cleavage	CLV	32
A-15-131	283.24	283.25	0.01	sulphide bed	BDG	71
A-15-131	283.79	283.8	0.01	sulphide bed	BDG	60
A-15-131	284.05	284.06	0.01	z-fold in convoluted sulphide bed	FA-Z	
A-15-131	284.12	284.13	0.01	sulphide bed	BDG	71
A-15-131	284.42	284.43	0.01	cleavage	CLV	34
A-15-131	285.04	285.05	0.01	sulphide bed	BDG	70
A-15-131	285.64	285.65	0.01	cleavage	CLV	35
A-15-131	285.96	285.97	0.01	cleavage	CLV	30
A-15-131	287.15	287.16	0.01	sulphide bed	BDG	68
A-15-131	287.87	287.88	0.01	sulphide bed	BDG	70
A-15-131	288.02	288.03	0.01	sulphide bed	BDG	60
A-15-131	288.12	288.13	0.01	sulphide bed	BDG	70
A-15-131	289.1	289.11	0.01	galena seam in barite	BDG	50
A-15-131	290.07	290.08	0.01	convoluted fold axis pointing downhole	FA	45
A-15-131	290.34	290.35	0.01	cleavage	CLV	50
A-15-131	290.69	290.7	0.01	barite bed	BDG	70
A-15-131	291.42	291.43	0.01	barite bed	BDG	50
A-15-131	291.91	291.92	0.01	barite bed	BDG	45
A-15-131	292.52	292.53	0.01	cleavage	CLV	58
A-15-131	293.35	293.36	0.01	laminar pyrite	BDG	60
A-15-131	294.05	294.06	0.01	laminar pyrite	BDG	59
A-15-131	294.61	294.62	0.01	laminar pyrite	BDG	60
A-15-131	295.63	295.64	0.01	cleavage	CLV	50

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	STRUCTURE	CORE ANGLE
A-15-131	296.43	296.44	0.01	cleavage	CLV	65
A-15-131	297.23	297.24	0.01	cleavage	CLV	65
A-15-131	297.46	298.58	1.12	Small fault zone characterised by poker chip core with polished, graphitic fracture planes and small sections of rubble core/ minor gouge	FLT	
A-15-131	298.97	298.98	0.01	cleavage	CLV	60
A-15-131	300.3	301.2	0.9	Small fault zone directly above road river rocks that is characterised by poker chip core with polished, graphitic fracture planes and small sections of rubble core/ minor gouge	FLT	
A-15-131	302.71	302.72	0.01	silt bed	BDG	40
A-15-131	305.58	305.59	0.01	silt bed	BDG	65
A-15-131	306.93	306.94	0.01	cleavage	CLV	60
A-15-131	310.93	310.94	0.01	cleavage	CLV	65
A-15-131	311.56	318	6.44	Large fault zone characterised by zones of gouge and zones of poker chip core.	FLT	
A-15-131	318.42	318.43	0.01	silt bed	BDG	90
A-15-131	321.94	321.95	0.01	silt bed	BDG	85

										AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag
HOLE ID	FROM	TO	LENGTH	SAMPLE #	COMMENTS	% SULPHIDES	% SHALE	STANDARDS	CERTIFICATE	PPM	PPM	PPM	PPM	PPM
A-15-131	264.00	265.00	1.00	2695666		0.01	99.00		VAN15002621	37.8	41.9	32.8	817	0.6
A-15-131	265.00	266.00	1.00	2695667		0.01	99.00		VAN15002621	33.7	39.4	42.3	978	0.7
A-15-131	266.00	266.16	0.16	2695668	small fault	0.01	99.00		VAN15002621	30.6	77.7	3900.2	34604	3.9
A-15-131	266.16	267.10	0.94	2695669	dominantly py	82.00	18.00		VAN15002621	33.5	84.4	5348.9	37965	8.1
A-15-131	267.10	268.00	0.90	2695670		0.01	99.00		VAN15002621	10.6	18.9	927.1	4682	0.8
A-15-131	268.00	269.00	1.00	2695671		0.01	99.00		VAN15002621	13.6	14.1	1430.4	2468	0.6
A-15-131	269.00	270.13	1.13	2695672		0.01	99.00		VAN15002621	13.8	21.7	1872.7	2925	1
A-15-131			0.00	2695673	COARSE DUPLICATE				VAN15002621	13.8	21.3	1880.4	2914	1
A-15-131	270.13	271.10	0.97	2695674	py and grey sph	75.00	25.00		VAN15002621	32.1	74.5	6716.6	50272	10.4
A-15-131	271.10	272.00	0.90	2695675	py and grey sph	55.00	45.00		VAN15002621	22.4	37.9	8961.9	62926	8.8
A-15-131	272.00	273.05	1.05	2695676	grey sph and mottled sphal	50.00	50.00		VAN15002621	18.7	33.5	7355.8	43059	7.3
A-15-131	273.05	273.83	0.78	2695677	grey sph and mottled sphal	25.00	75.00		VAN15002621	27.1	37.1	10308.3	51669	7.1
A-15-131	273.83	274.40	0.57	2695678	grey sph and mottled sphal	88.00	12.00		VAN15002621	29.3	57	11128.5	84973	13.3
A-15-131	274.40	275.28	0.88	2695679		0.01	99.00		VAN15002621	19.4	24.6	3334.1	5617	1.7
A-15-131	275.28	275.77	0.49	2695680	grey sph and mottled sphal	85.00	15.00		VAN15002621	27.8	59.7	11570.4	86793	14.4
A-15-131	275.77	276.50	0.73	2695681		0.01	99.00		VAN15002621	9.5	18.6	1161.1	2174	1.1
A-15-131	276.50	277.00	0.50	2695682	quartz vein with abundant pyrite	30.00	70.00		VAN15002621	24.2	30	8415.9	16604	4.8
A-15-131			0.00	2695683	STANDARD PB 145				VAN15002621	7.9	1896.4	13101.5	15680	60.7
A-15-131	277.00	277.73	0.73	2695684		0.01	99.00		VAN15002621	21.5	24.2	5006.8	6387	2.5
A-15-131	277.73	278.50	0.77	2695685	grey sph and mottled sphal	70.00	30.00		VAN15002621	27.8	50.7	11522.8	87858	16.8
A-15-131	278.50	279.10	0.60	2695686	grey sph and mottled sphal	70.00	30.00		VAN15002621	30.8	44.1	26314.6	89452	15.2
A-15-131	279.10	280.00	0.90	2695687	grey sph and mottled sphal	80.00	20.00		VAN15002621	27	59.1	29648.1	107699	19.6
A-15-131	280.00	281.05	1.05	2695688		0.01	99.00		VAN15002621	9.2	18.8	1477.4	2208	1.6
A-15-131	281.05	281.50	0.45	2695689		0.01	99.00		VAN15002621	13.1	23	1214.9	3009	2.7
A-15-131	281.50	282.55	1.05	2695690	grey sph and mottled sphal	97.00	3.00		VAN15002621	21.9	52.7	25019.4	142358	22.1
A-15-131	282.55	283.24	0.69	2695691		0.01	99.00		VAN15002621	31.7	19.1	2946.6	7156	2.2
A-15-131	283.24	284.08	0.84	2695692	mottled sphal dominates	82.00	18.00		VAN15002621	15.5	57	27761.4	152384	21.3
A-15-131			0.00	2695693	PULP DUPLICATE				VAN15002621	15.3	55.2	26933.1	155366	21.4
A-15-131	284.08	284.73	0.65	2695694	mottled sphal dominates	48.00	52.00		VAN15002621	13	44.2	20787.8	121919	18.3
A-15-131	284.73	285.40	0.67	2695695	mottled sphal dominates	99.00	1.00		VAN15002621	17.8	70.2	28953.4	157780	32
A-15-131	285.40	286.10	0.70	2695696		0.01	99.00		VAN15002621	9.1	23.5	13863.6	64037	9.5
A-15-131	286.10	286.76	0.66	2695697		0.01	99.00		VAN15002621	8.3	11.5	417	196	1.2
A-15-131	286.76	287.50	0.74	2695698	mottled sphal dominates	66.00	34.00		VAN15002621	17.2	49.1	17708.9	98639	29.6
A-15-131	287.50	288.53	1.03	2695699	mottled sphal dominates	60.00	40.00		VAN15002621	16.3	55.5	22403	121301	31.4
A-15-131	288.53	289.53	1.00	2695700	bedded barite and sulphide	15.00	85.00		VAN15002621	8.1	68.3	>40000.0	42799	20.4
A-15-131	289.53	290.34	0.81	2695701	bedded barite and sulphide	10.00	75.00		VAN15002621	9.6	85.7	404.2	4568	9.7
A-15-131	290.34	291.30	0.96	2695702	bedded barite and sulphide	10.00	5.00		VAN15002621	7.8	146.2	6134.9	8151	10.8
A-15-131			0.00	2695703	BLANK BL 125				VAN15002621	5.4	95.9	6	46	<0.5
A-15-131	291.30	292.20	0.90	2695704	almost completely bedded barite	5.00	0.00		VAN15002621	2.5	126.2	762.5	1776	2.4
A-15-131	292.20	292.95	0.75	2695705		5.00	95.00		VAN15002621	11.2	42.2	410.2	56	2.7
A-15-131	292.95	293.80	0.85	2695706	massive pyrite, bedded barite, minor sph	25.00	40.00		VAN15002621	16.6	93.4	1829.6	1703	12.9
A-15-131	293.80	294.40	0.60	2695707	massive pyrite, bedded barite, minor sph	40.00	40.00		VAN15002621	17.8	51.6	1572.1	15113	20.5
A-15-131	294.40	295.20	0.80	2695708	dominantly py	25.00	70.00		VAN15002621	14.7	47.8	753.4	428	11.1

					LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%
A-15-131	264.00	265.00	1.00	2695666	5887	81	11.8	100	2.79	27	10.9	5.4	197	9.1	7.9	<0.5	30	1.37
A-15-131	265.00	266.00	1.00	2695667	5596	81.1	11.2	95	2.62	28	10.1	5.5	144	9.9	7.9	<0.5	33	1
A-15-131	266.00	266.16	0.16	2695668	24114	77.5	6.4	272	8.06	53	5.1	2.2	266	194.6	32	<0.5	41	0.94
A-15-131	266.16	267.10	0.94	2695669	32694	88.3	3.9	422	11.86	84	2.8	1.2	699	224.6	49.4	<0.5	41	1.81
A-15-131	267.10	268.00	0.90	2695670	22850	64.3	7.6	271	2.11	14	2.1	5.1	502	27.1	4.8	<0.5	37	1.51
A-15-131	268.00	269.00	1.00	2695671	12054	72.1	8.5	117	1.69	12	2.6	6.2	188	16.6	3.7	<0.5	49	0.73
A-15-131	269.00	270.13	1.13	2695672	18862	74.8	7.4	116	1.74	14	3	5.5	325	18.6	4.4	<0.5	47	0.68
A-15-131			0.00	2695673	18862	73	7.7	118	1.73	15	3.1	5.6	318	19.2	4.6	<0.5	53	0.69
A-15-131	270.13	271.10	0.97	2695674	56003	82.3	4.1	453	13.23	83	2.1	0.6	648	283.4	39.9	<0.5	42	1.8
A-15-131	271.10	272.00	0.90	2695675	47946	69.1	4.4	432	10.75	57	2.1	0.8	661	366.1	20	<0.5	46	1.67
A-15-131	272.00	273.05	1.05	2695676	59165	66.5	4.7	360	9.8	52	2.3	1.1	960	243.7	14.5	<0.5	48	1.61
A-15-131	273.05	273.83	0.78	2695677	54757	87.6	5.8	385	8.69	43	5.4	1.4	766	293.4	13.4	<0.5	81	1.21
A-15-131	273.83	274.40	0.57	2695678	71857	69.4	3.1	801	14.53	83	2.7	<0.5	464	476	23.5	<0.5	37	1.61
A-15-131	274.40	275.28	0.88	2695679	35292	92.4	7.6	179	1.82	15	4	3.2	446	31.8	3.3	<0.5	74	0.65
A-15-131	275.28	275.77	0.49	2695680	59057	71.8	3.5	728	14.53	73	2.5	<0.5	438	493.4	21.9	<0.5	45	1.8
A-15-131	275.77	276.50	0.73	2695681	36836	63.2	7.2	212	1.86	12	1.6	2.5	468	12.8	2.1	<0.5	51	0.65
A-15-131	276.50	277.00	0.50	2695682	60774	91.9	6.2	287	4.33	28	4.6	1.2	1155	101.5	6.8	<0.5	64	2.27
A-15-131			0.00	2695683	647	15	17.6	1498	4.29	62	0.9	2.3	74	125.4	160.6	5	74	1.99
A-15-131	277.00	277.73	0.73	2695684	35924	101.9	8	195	2.14	22	3.6	2	448	40.7	3.5	<0.5	78	0.75
A-15-131	277.73	278.50	0.77	2695685	64151	69.5	3.3	618	14.47	70	2.6	<0.5	123	542.6	16.3	<0.5	44	1.45
A-15-131	278.50	279.10	0.60	2695686	32549	88.7	4.4	387	10.25	65	2.6	0.8	397	642.4	14.6	<0.5	53	0.61
A-15-131	279.10	280.00	0.90	2695687	44333	67.4	2.9	542	14.01	74	3.2	<0.5	311	776.4	17	<0.5	49	1.38
A-15-131	280.00	281.05	1.05	2695688	19882	66.4	6.8	67	1.81	16	3	3.9	152	14.2	1.7	<0.5	59	0.3
A-15-131	281.05	281.50	0.45	2695689	26714	76.6	7.2	77	2.34	24	3	4	173	20.5	2.6	<0.5	63	0.36
A-15-131	281.50	282.55	1.05	2695690	81867	51.4	2.1	652	13.24	63	2.5	<0.5	291	786.4	12.4	<0.5	45	1.59
A-15-131	282.55	283.24	0.69	2695691	50430	103.8	7.8	222	2.06	14	6.6	3.6	871	40.1	2.1	<0.5	93	1.5
A-15-131	283.24	284.08	0.84	2695692	92364	43.9	2.3	417	11.45	45	1.9	<0.5	470	809.5	9.6	<0.5	26	1.1
A-15-131			0.00	2695693	93481	42.6	2.5	421	11.67	46	1.9	<0.5	463	806.1	9.6	<0.5	26	1.12
A-15-131	284.08	284.73	0.65	2695694	68722	48.4	3.8	273	8.79	36	1.9	0.8	449	650.4	5.5	<0.5	38	0.97
A-15-131	284.73	285.40	0.67	2695695	96340	43.7	2.4	526	12.3	51	2.1	<0.5	462	935.9	12.5	<0.5	33	1.84
A-15-131	285.40	286.10	0.70	2695696	54367	47.4	4.9	221	4.75	16	2.2	2.9	492	344.4	3.3	<0.5	38	0.77
A-15-131	286.10	286.76	0.66	2695697	28271	61.4	7.4	220	2.14	7	2.1	5.5	401	1	0.9	<0.5	44	0.85
A-15-131	286.76	287.50	0.74	2695698	81507	52.7	3.6	378	9.89	47	2.3	0.6	430	650.4	9.7	<0.5	35	1.86
A-15-131	287.50	288.53	1.03	2695699	67092	53.3	3.5	240	9.78	42	2.7	0.7	435	813	7.7	<0.5	45	1.15
A-15-131	288.53	289.53	1.00	2695700	345318	25.5	1.4	55	4.11	17	1.1	<0.5	1648	596.2	4.8	<0.5	18	0.35
A-15-131	289.53	290.34	0.81	2695701	100375	62.9	6.4	58	3.65	22	2.7	2.9	687	39.3	3.5	<0.5	46	0.62
A-15-131	290.34	291.30	0.96	2695702	295685	34.1	1	25	2.59	18	0.8	0.9	2179	127.1	9.3	<0.5	26	0.22
A-15-131			0.00	2695703	658	15.5	9.2	577	3.45	<5	1.1	3.1	91	<0.5	<0.5	<0.5	97	1.06
A-15-131	291.30	292.20	0.90	2695704	301161	13.4	0.8	34	1.51	9	<0.5	<0.5	3274	30.1	3.4	<0.5	<10	0.34
A-15-131	292.20	292.95	0.75	2695705	62738	75.1	8	231	2.55	21	2.5	6	1049	0.7	3	<0.5	57	1.72
A-15-131	292.95	293.80	0.85	2695706	174724	73.8	4.9	384	9.03	36	2	1.5	389	17.5	9.3	<0.5	62	2.25
A-15-131	293.80	294.40	0.60	2695707	86340	63.2	4.3	538	10.86	48	2.5	1.3	482	105.2	18.7	<0.5	46	2.67
A-15-131	294.40	295.20	0.80	2695708	34487	67.5	5.2	379	6.87	36	2.6	3.9	272	3	17.3	<0.5	56	1.78

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S
HOLE ID	FROM	TO	LENGTH	SAMPLE #	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%
A-15-131	264.00	265.00	1.00	2695666	0.056	18.2	5.1	0.25	1074	0.003	0.39	<0.01	0.2	<0.5	0.19	2.8	8.5	3.19
A-15-131	265.00	266.00	1.00	2695667	0.053	15.9	4.8	0.19	1060	0.003	0.37	<0.01	0.2	<0.5	0.2	2.1	9.9	3.06
A-15-131	266.00	266.16	0.16	2695668	0.016	5.4	5.6	0.18	95	0.001	0.26	<0.01	0.12	0.7	1.97	1.9	75.9	10.91
A-15-131	266.16	267.10	0.94	2695669	0.028	3.3	4.6	0.16	88	0.002	0.24	<0.01	0.11	0.7	1.09	1.3	130	15.16
A-15-131	267.10	268.00	0.90	2695670	0.056	7	5.3	0.22	699	0.003	0.39	<0.01	0.22	<0.5	0.15	1.9	9.9	2.5
A-15-131	268.00	269.00	1.00	2695671	0.082	8.1	6.4	0.19	1693	0.004	0.46	<0.01	0.24	<0.5	0.07	2.4	6.6	2.05
A-15-131	269.00	270.13	1.13	2695672	0.063	7.8	6.4	0.18	901	0.003	0.41	<0.01	0.2	<0.5	0.07	2.1	7.9	2.09
A-15-131			0.00	2695673	0.065	8.2	6.9	0.18	1009	0.004	0.48	<0.01	0.24	<0.5	0.08	2	8.1	2.08
A-15-131	270.13	271.10	0.97	2695674	0.017	2.4	5.9	0.21	92	0.001	0.23	<0.01	0.07	0.5	1.05	3.5	163.6	16.74
A-15-131	271.10	272.00	0.90	2695675	0.015	2.1	6.9	0.16	90	0.003	0.3	<0.01	0.11	<0.5	1.52	3	165.6	15
A-15-131	272.00	273.05	1.05	2695676	0.03	2	8.2	0.22	129	0.002	0.38	<0.01	0.11	<0.5	1.14	3.8	143.6	12.77
A-15-131	273.05	273.83	0.78	2695677	0.074	1.7	8.5	0.22	147	0.003	0.57	<0.01	0.14	<0.5	1.26	2.8	135.2	11.49
A-15-131	273.83	274.40	0.57	2695678	0.028	1	7	0.33	131	0.001	0.34	<0.01	0.05	<0.5	2.12	2.9	281.3	19.41
A-15-131	274.40	275.28	0.88	2695679	0.068	2	9.1	0.17	1002	0.004	0.47	<0.01	0.23	<0.5	0.24	3.3	17.8	1.99
A-15-131	275.28	275.77	0.49	2695680	0.013	0.9	9	0.15	62	0.002	0.19	<0.01	0.07	<0.5	2.07	2.5	272.1	20.12
A-15-131	275.77	276.50	0.73	2695681	0.016	1.9	7.7	0.16	923	0.004	0.48	<0.01	0.26	<0.5	<0.05	4.5	18.9	1.97
A-15-131	276.50	277.00	0.50	2695682	0.023	0.9	7.8	0.19	210	0.002	0.33	<0.01	0.17	<0.5	0.4	3.8	58.6	5.63
A-15-131			0.00	2695683	0.051	7	23.7	1.33	242	0.132	1.6	0.19	0.19	1.2	0.52	2.8	0.9	1.77
A-15-131	277.00	277.73	0.73	2695684	0.023	1	8.7	0.16	764	0.003	0.45	<0.01	0.22	<0.5	0.18	4.3	24.2	2.49
A-15-131	277.73	278.50	0.77	2695685	0.021	0.6	8.5	0.24	81	0.002	0.22	<0.01	0.07	<0.5	2.35	2.7	267	19.83
A-15-131	278.50	279.10	0.60	2695686	0.039	1.1	8.2	0.18	92	0.003	0.27	<0.01	0.14	<0.5	2.29	2.7	189	15.79
A-15-131	279.10	280.00	0.90	2695687	0.041	0.7	7.3	0.21	74	0.003	0.18	<0.01	0.08	<0.5	2.49	1.5	259.6	20.51
A-15-131	280.00	281.05	1.05	2695688	0.083	2.3	10.1	0.16	1157	0.004	0.53	<0.01	0.26	<0.5	0.13	3.6	15.6	2
A-15-131	281.05	281.50	0.45	2695689	0.084	2.1	10.9	0.19	849	0.004	0.5	<0.01	0.25	<0.5	0.14	4.6	28.8	2.5
A-15-131	281.50	282.55	1.05	2695690	0.033	0.6	8.9	0.18	52	0.001	0.13	<0.01	0.06	<0.5	3.65	2.3	301.9	21.36
A-15-131	282.55	283.24	0.69	2695691	0.162	3.4	11.3	0.2	1203	0.005	0.5	<0.01	0.24	<0.5	0.21	4	20.4	1.71
A-15-131	283.24	284.08	0.84	2695692	0.03	0.8	5.7	0.21	55	0.001	0.12	<0.01	0.06	<0.5	4.22	2.2	252.8	19.82
A-15-131			0.00	2695693	0.029	0.8	6.3	0.21	58	0.001	0.11	<0.01	0.05	<0.5	4.22	1.8	247.4	20.23
A-15-131	284.08	284.73	0.65	2695694	0.045	1.1	7.8	0.15	79	0.002	0.23	<0.01	0.12	<0.5	3.41	2.6	187.6	15.19
A-15-131	284.73	285.40	0.67	2695695	0.04	0.9	4.4	0.17	55	0.001	0.13	<0.01	0.06	<0.5	4.38	1.5	283.7	20.85
A-15-131	285.40	286.10	0.70	2695696	0.054	2.4	6.7	0.21	150	0.003	0.41	<0.01	0.22	<0.5	1.81	3	78.7	8.25
A-15-131	286.10	286.76	0.66	2695697	0.074	3.8	6.9	0.4	1162	0.004	0.49	<0.01	0.28	<0.5	0.06	5.1	11.7	1.98
A-15-131	286.76	287.50	0.74	2695698	0.041	1.4	6.8	0.17	79	0.002	0.21	<0.01	0.11	<0.5	2.62	2.6	236.3	15.11
A-15-131	287.50	288.53	1.03	2695699	0.044	1	8.4	0.1	80	0.003	0.26	<0.01	0.13	<0.5	4.48	2.2	209.1	16.79
A-15-131	288.53	289.53	1.00	2695700	0.008	0.8	3	0.02	271	0.003	0.06	<0.01	0.02	<0.5	3.37	1	55.1	7.24
A-15-131	289.53	290.34	0.81	2695701	0.021	2.4	9.6	0.12	352	0.003	0.41	<0.01	0.19	<0.5	1.06	5.2	22.3	4.27
A-15-131	290.34	291.30	0.96	2695702	0.012	3.4	<0.5	0.02	328	0.004	0.09	<0.01	0.04	<0.5	1.61	1.6	17.6	3.46
A-15-131			0.00	2695703	0.059	7.4	19.6	0.78	137	0.168	1.82	0.23	0.21	0.8	<0.05	3.3	<0.5	<0.05
A-15-131	291.30	292.20	0.90	2695704	0.001	0.9	1.4	0.02	709	0.002	0.01	<0.01	<0.01	<0.5	0.32	0.8	11	1.8
A-15-131	292.20	292.95	0.75	2695705	0.089	26.3	11.7	0.29	1174	0.007	0.4	<0.01	0.21	<0.5	0.1	5.2	10.1	2.14
A-15-131	292.95	293.80	0.85	2695706	0.043	9.5	9.6	0.14	166	0.005	0.44	<0.01	0.1	<0.5	0.53	3.6	54.5	9.65
A-15-131	293.80	294.40	0.60	2695707	0.04	8.1	9	0.16	140	0.002	0.54	<0.01	0.09	<0.5	1.98	3.5	75.2	12.09
A-15-131	294.40	295.20	0.80	2695708	0.051	14.2	7.1	0.19	200	0.003	0.27	<0.01	0.16	<0.5	0.24	2.8	32.3	7.94

					AQ270	AQ270	SPG01	WGHT	AQ371
					Ga	Se	SG	Wgt	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	NONE	KG	%
A-15-131	264.00	265.00	1.00	2695666	<5	6	2.465	3.43	
A-15-131	265.00	266.00	1.00	2695667	<5	6	2.493	3.47	
A-15-131	266.00	266.16	0.16	2695668	<5	32	2.816	1.2	
A-15-131	266.16	267.10	0.94	2695669	<5	32	2.994	4.5	
A-15-131	267.10	268.00	0.90	2695670	<5	8	2.701	3.41	
A-15-131	268.00	269.00	1.00	2695671	<5	10	2.622	4.1	
A-15-131	269.00	270.13	1.13	2695672	<5	13	2.714	4.3	
A-15-131			0.00	2695673	<5	13	2.699		
A-15-131	270.13	271.10	0.97	2695674	<5	25	3.179	4.65	
A-15-131	271.10	272.00	0.90	2695675	<5	17	3.112	4.25	
A-15-131	272.00	273.05	1.05	2695676	<5	12	3.043	4.87	
A-15-131	273.05	273.83	0.78	2695677	<5	18	2.936	3.25	
A-15-131	273.83	274.40	0.57	2695678	<5	21	3.381	2.86	
A-15-131	274.40	275.28	0.88	2695679	<5	11	2.648	3.26	
A-15-131	275.28	275.77	0.49	2695680	5	20	3.368	2.39	
A-15-131	275.77	276.50	0.73	2695681	<5	5	2.691	2.77	
A-15-131	276.50	277.00	0.50	2695682	<5	18	2.822	1.65	
A-15-131			0.00	2695683	<5	4	I.S.	0.02	
A-15-131	277.00	277.73	0.73	2695684	<5	15	2.623	3.28	
A-15-131	277.73	278.50	0.77	2695685	<5	15	3.37	3.67	
A-15-131	278.50	279.10	0.60	2695686	<5	18	3.182	3.01	
A-15-131	279.10	280.00	0.90	2695687	5	17	3.399	4.46	
A-15-131	280.00	281.05	1.05	2695688	<5	5	2.699	3.58	
A-15-131	281.05	281.50	0.45	2695689	<5	6	2.749	1.73	
A-15-131	281.50	282.55	1.05	2695690	<5	14	3.613	5.43	
A-15-131	282.55	283.24	0.69	2695691	<5	8	2.676	2.88	
A-15-131	283.24	284.08	0.84	2695692	<5	9	3.58	4.52	
A-15-131			0.00	2695693	<5	11	3.577		
A-15-131	284.08	284.73	0.65	2695694	<5	7	3.27	3.41	
A-15-131	284.73	285.40	0.67	2695695	<5	11	3.654	3.85	
A-15-131	285.40	286.10	0.70	2695696	<5	5	3.031	2.53	
A-15-131	286.10	286.76	0.66	2695697	<5	4	2.748	2.7	
A-15-131	286.76	287.50	0.74	2695698	<5	11	3.324	4.66	
A-15-131	287.50	288.53	1.03	2695699	<5	8	3.363	4.7	
A-15-131	288.53	289.53	1.00	2695700	<5	4	4.132	5.64	4.14
A-15-131	289.53	290.34	0.81	2695701	<5	5	2.937	3.71	
A-15-131	290.34	291.30	0.96	2695702	<5	3	3.978	5.45	
A-15-131			0.00	2695703	6	<2	I.S.	0.02	
A-15-131	291.30	292.20	0.90	2695704	<5	<2	4.314	5.46	
A-15-131	292.20	292.95	0.75	2695705	<5	7	2.79	2.84	
A-15-131	292.95	293.80	0.85	2695706	<5	9	3.271	4.02	
A-15-131	293.80	294.40	0.60	2695707	<5	12	3.107	2.8	
A-15-131	294.40	295.20	0.80	2695708	<5	9	2.839	2.73	

										AQ270	AQ270	AQ270	AQ270	AQ270
										Mo	Cu	Pb	Zn	Ag
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**COMMENTS**	**% SULPHIDES**	**% SHALE**	**STANDARDS**	**CERTIFICATE**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
A-15-131	295.20	296.20	1.00	2695709		0.01	99.00		VAN15002621	10.9	31.5	260	143	1.9
A-15-131	296.20	297.00	0.80	2695710	dominantly py	25.00	75.00		VAN15002621	16.5	67.3	536	139	6.6
A-15-131	297.00	298.00	1.00	2695711	part of a fault	0.01	99.00		VAN15002621	41	65.1	144.5	718	1.6
A-15-131	298.00	299.00	1.00	2695712	part of a fault	0.01	99.00		VAN15002621	52.3	92.8	172.8	2143	1.5
A-15-131			0.00	2695713	COARSE DUPLICATE				VAN15002621	54	93.9	177.6	2121	1.5
A-15-131	299.00	299.90	0.90	2695714		0.01	99.00		VAN15002621	25.7	27.9	64.2	67	0.9
A-15-131	299.90	300.60	0.70	2695715	debris flow	0.01	99.00		VAN15002621	66.4	19.8	74.4	2654	0.7
A-15-131	300.60	301.20	0.60	2695716	debris flow	0.01	99.00		VAN15002621	19.7	123	1372.2	9113	1.9
A-15-131	301.20	302.00	0.80	2695717	RR	0.01	99.00		VAN15002621	10.6	21.1	41.5	118	0.6
A-15-131	302.00	303.00	1.00	2695718	RR	0.01	99.00		VAN15002621	7.2	17.3	48.4	489	<0.5
A-15-131	303.00	304.00	1.00	2695719	RR	0.01	99.00		VAN15002621	19.5	43.4	121.2	1565	<0.5

					LF301	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					Ba	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%
A-15-131	295.20	296.20	1.00	2695709	25917	76.1	8.1	162	1.89	17	2.2	6.8	177	0.9	6.7	<0.5	69	0.88
A-15-131	296.20	297.00	0.80	2695710	52601	71.5	5.4	343	5.51	38	2.2	3.5	406	1	20.2	<0.5	54	2.18
A-15-131	297.00	298.00	1.00	2695711	8508	106.7	11.9	148	2.87	23	11.3	4	96	5.4	8.6	<0.5	39	0.82
A-15-131	298.00	299.00	1.00	2695712	3079	120.4	12.7	99	2.81	27	13.2	4.4	40	12.3	8.1	<0.5	47	0.36
A-15-131			0.00	2695713	3127	122.4	12.7	98	2.81	29	13.5	4.5	40	13.3	8.6	<0.5	52	0.36
A-15-131	299.00	299.90	0.90	2695714	5389	72	6.4	185	1.89	19	5.1	5.9	158	<0.5	5.1	<0.5	25	3.17
A-15-131	299.90	300.60	0.70	2695715	1873	114.2	4.1	273	1.39	15	8.8	3.8	442	14	4	<0.5	41	14.69
A-15-131	300.60	301.20	0.60	2695716	3684	225.7	5.9	307	1.36	17	19	4.4	567	36.6	6.3	<0.5	95	19.82
A-15-131	301.20	302.00	0.80	2695717	2312	37.6	3.7	393	1.4	17	4.1	4.4	163	<0.5	3.2	<0.5	31	10.21
A-15-131	302.00	303.00	1.00	2695718	1616	28.2	2.8	431	1.14	11	3.1	3.5	197	2	3.3	<0.5	23	11.8
A-15-131	303.00	304.00	1.00	2695719	1210	40.1	3.1	367	0.93	10	7.4	3.5	187	7.8	3.4	<0.5	50	11.46

					AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
					P	**La**	**Cr**	**Mg**	**Ba**	**Ti**	**Al**	**Na**	**K**	**W**	**Hg**	**Sc**	**Tl**	**S**
HOLE ID	**FROM**	**TO**	**LENGTH**	**SAMPLE #**	**%**	**PPM**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**%**
A-15-131	295.20	296.20	1.00	2695709	0.071	29.8	12.9	0.28	2007	0.005	0.42	<0.01	0.28	<0.5	0.1	3.3	6.4	2.06
A-15-131	296.20	297.00	0.80	2695710	0.043	14.2	8.7	0.31	302	0.003	0.21	<0.01	0.14	<0.5	0.17	3.1	21.8	5.73
A-15-131	297.00	298.00	1.00	2695711	0.059	16.1	7.7	0.19	908	0.003	0.32	<0.01	0.2	<0.5	0.19	2.1	5.3	3.19
A-15-131	298.00	299.00	1.00	2695712	0.037	20.1	8	0.12	541	0.004	0.38	<0.01	0.25	<0.5	0.34	2.4	4.5	3.19
A-15-131			0.00	2695713	0.038	20.8	9	0.12	553	0.004	0.43	<0.01	0.27	<0.5	0.31	2.2	4.1	3.2
A-15-131	299.00	299.90	0.90	2695714	0.028	17.7	8	0.65	1990	0.003	0.34	<0.01	0.24	<0.5	0.07	3.3	3.5	1.96
A-15-131	299.90	300.60	0.70	2695715	0.048	19.3	5.9	0.55	268	0.004	0.23	<0.01	0.17	<0.5	0.28	3.5	3.8	1.51
A-15-131	300.60	301.20	0.60	2695716	1.176	30.8	81.8	3.32	2013	0.01	0.46	<0.01	0.24	<0.5	0.98	4.5	2.9	1.8
A-15-131	301.20	302.00	0.80	2695717	0.048	10.4	5	5.4	338	0.003	0.24	<0.01	0.16	<0.5	<0.05	3.6	1.5	1.18
A-15-131	302.00	303.00	1.00	2695718	0.154	12.1	4.6	4.52	162	0.003	0.22	<0.01	0.15	<0.5	0.09	2.7	1.1	0.93
A-15-131	303.00	304.00	1.00	2695719	0.038	12.6	5.1	4.19	134	0.003	0.2	<0.01	0.15	<0.5	0.19	3.1	1	0.75

					AQ270	AQ270	SPG01	WGHT	AQ371
					Ga	Se	SG	Wgt	Pb
HOLE ID	FROM	TO	LENGTH	SAMPLE #	PPM	PPM	NONE	KG	%
A-15-131	295.20	296.20	1.00	2695709	<5	9	2.615	3.92	
A-15-131	296.20	297.00	0.80	2695710	<5	13	2.822	3.19	
A-15-131	297.00	298.00	1.00	2695711	<5	14	2.532	3.38	
A-15-131	298.00	299.00	1.00	2695712	<5	13	2.467	3.49	
A-15-131			0.00	2695713	<5	12	2.474		
A-15-131	299.00	299.90	0.90	2695714	<5	4	2.598	2.98	
A-15-131	299.90	300.60	0.70	2695715	<5	8	2.527	1.8	
A-15-131	300.60	301.20	0.60	2695716	<5	53	2.481	2.56	
A-15-131	301.20	302.00	0.80	2695717	<5	3	2.672	3.45	
A-15-131	302.00	303.00	1.00	2695718	<5	3	2.643	3.62	
A-15-131	303.00	304.00	1.00	2695719	<5	2	2.671	4.19	

Hole ID	Depth (m)	Azimuth (Mag)	Azimuth (True)	Dip	Magn	Survey Type	Accepted	Comments
A-15-131	0		40	-57			Yes	Collar
A-15-131	17.37	20.8	40.1	-56.7	5796	Reflex EZ Shot	Yes	
A-15-131	63.09	18.5	37.8	-55.7	5726	Reflex EZ Shot	Yes	
A-15-131	108.81	20.1	39.4	-54.7	5726	Reflex EZ Shot	Yes	
A-15-131	154.54	19.6	38.9	-52.2	5730	Reflex EZ Shot	Yes	
A-15-131	200.26	19.9	39.2	-49.4	5732	Reflex EZ Shot	Yes	
A-15-131	245.98	20	39.3	-47.3	5732	Reflex EZ Shot	Yes	
A-15-131	291.7	20.6	39.9	-45.2	5736	Reflex EZ Shot	Yes	
A-15-131	322.18	21.3	40.6	-44.3	5721	Reflex EZ Shot	Yes	

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-131	7.62	11.28	3.66	1.56	42.62%	0	0.00%												
A-15-131	11.28	14.33	3.05	1.95	63.93%	0.3	9.84%												
A-15-131	14.33	17.37	3.04	2.41	79.28%	0.1	3.29%												
A-15-131	17.37	20.42	3.05	2.76	90.49%	0.11	3.61%												
A-15-131	20.42	23.47	3.05	2.22	72.79%	0.15	4.92%												
A-15-131	23.47	26.52	3.05	2.48	81.31%	0.11	3.61%												
A-15-131	26.52	29.57	3.05	2.08	68.20%	0.25	8.20%	1					1						
A-15-131	29.57	32.61	3.04	2.82	92.76%	1.45	47.70%												
A-15-131	32.61	35.66	3.05	3.01	98.69%	1.08	35.41%												
A-15-131	35.66	38.71	3.05	2	65.57%	0.32	10.49%												
A-15-131	38.71	41.76	3.05	2.9	95.08%	0.2	6.56%												
A-15-131	41.76	44.80	3.04	2.61	85.86%	1	32.89%	1					1						
A-15-131	44.80	47.85	3.05	2.73	89.51%	0.69	22.62%												
A-15-131	47.85	50.90	3.05	2.87	94.10%	0.78	25.57%												
A-15-131	50.90	53.95	3.05	2.97	97.38%	0.32	10.49%												
A-15-131	53.95	57.00	3.05	2.91	95.41%	0.3	9.84%												
A-15-131	57.00	60.05	3.05	2.88	94.43%	0.54	17.70%	1					1						
A-15-131	60.05	63.09	3.04	3.02	99.34%	1.24	40.79%	1			1								
A-15-131	63.09	66.14	3.05	2.87	94.10%	0.36	11.80%	1			1								
A-15-131	66.14	69.19	3.05	2.74	89.84%	0.39	12.79%	1					1						
A-15-131	69.19	72.24	3.05	1.97	64.59%	0	0.00%												
A-15-131	72.24	75.29	3.05	2.63	86.23%	0	0.00%												
A-15-131	75.29	78.33	3.04	2.98	98.03%	1.16	38.16%												
A-15-131	78.33	81.38	3.05	2.65	86.89%	0.98	32.13%												
A-15-131	81.38	84.43	3.05	2.76	90.49%	1.32	43.28%												
A-15-131	84.43	87.48	3.05	3.05	100.00%	0.93	30.49%												
A-15-131	87.48	90.52	3.04	2.85	93.75%	0.37	12.17%												
A-15-131	90.52	93.57	3.05	2.61	85.57%	0.89	29.18%												
A-15-131	93.57	96.62	3.05	3.25	106.56%	2.47	80.98%												
A-15-131	96.62	99.67	3.05	2.96	97.05%	1.94	63.61%												
A-15-131	99.67	102.72	3.05	2.95	96.72%	2.04	66.89%												
A-15-131	102.72	105.77	3.05	2.5	81.97%	0.89	29.18%												
A-15-131	105.77	108.81	3.04	2.9	95.39%	1.14	37.50%	1	1										
A-15-131	108.81	111.86	3.05	3	98.36%	2.35	77.05%	1					1						
A-15-131	111.86	114.91	3.05	3.05	100.00%	2.26	74.10%												
A-15-131	114.91	117.96	3.05	3.01	98.69%	2.05	67.21%												
A-15-131	117.96	121.01	3.05	3.06	100.33%	2.03	66.56%												
A-15-131	121.01	124.06	3.05	3.05	100.00%	1.2	39.34%												
A-15-131	124.06	127.10	3.04	2.96	97.37%	1.63	53.62%												
A-15-131	127.10	130.15	3.05	3.02	99.02%	2.28	74.75%												
A-15-131	130.15	133.20	3.05	2.86	93.77%	1.86	60.98%	2	1				1						
A-15-131	133.20	136.25	3.05	2.95	96.72%	0.88	28.85%												
A-15-131	136.25	139.30	3.05	2.94	96.39%	0	0.00%												
A-15-131	139.30	142.34	3.04	3.09	101.64%	2.78	91.45%	1		1									
A-15-131	142.34	145.39	3.05	3.04	99.67%	2.68	87.87%												
A-15-131	145.39	148.44	3.05	3.03	99.34%	2.32	76.07%	1				1							
A-15-131	148.44	151.49	3.05	3.11	101.97%	2.64	86.56%												
A-15-131	151.49	154.53	3.04	3.07	100.99%	2.34	76.97%												
A-15-131	154.53	157.58	3.05	3.03	99.34%	2.67	87.54%	1				1							
A-15-131	157.58	160.63	3.05	2.84	93.11%	2	65.57%												
A-15-131	160.63	163.68	3.05	2.98	97.70%	1.92	62.95%	1					1						
A-15-131	163.68	166.73	3.05	2.88	94.43%	1.59	52.13%	1				1							

HOLE ID	FROM	TO	LENGTH	RECOVERY (m)	RECOVERY %	RQD (m)	RQD	CONCRETIONS	0-1	1-2	2-5	5-10	10+	CLASTS	0-1	1-2	2-5	5-10	10+
A-15-131	166.73	169.77	3.04	2.89	95.07%	2.33	76.64%												
A-15-131	169.77	172.82	3.05	3.07	100.66%	1.9	62.30%												
A-15-131	172.82	175.87	3.05	2.97	97.38%	1.45	47.54%	21	21										
A-15-131	175.87	178.92	3.05	3.15	103.28%	2.42	79.34%	4			2	2							
A-15-131	178.92	181.97	3.05	2.9	95.08%	2.72	89.18%	3	2	1									
A-15-131	181.97	185.01	3.04	3	98.68%	2.04	67.11%												
A-15-131	185.01	188.06	3.05	2.98	97.70%	1.03	33.77%												
A-15-131	188.06	191.11	3.05	3.17	103.93%	2.28	74.75%	1				1							
A-15-131	191.11	194.16	3.05	2.99	98.03%	2.59	84.92%	3	3										
A-15-131	194.16	197.21	3.05	2.72	89.18%	2.06	67.54%	2	1	1									
A-15-131	197.21	200.26	3.05	3.03	99.34%	1.85	60.66%	1				1							
A-15-131	200.26	203.30	3.04	2.97	97.70%	2.61	85.86%	1			1								
A-15-131	203.30	206.35	3.05	3.02	99.02%	2.48	81.31%	3		1		1							
A-15-131	206.35	209.40	3.05	3	98.36%	2.63	86.23%	1	1										
A-15-131	209.40	212.45	3.05	3.06	100.33%	1.52	49.84%												
A-15-131	212.45	215.49	3.04	2.85	93.75%	1.12	36.84%	1					1						
A-15-131	215.49	218.54	3.05	3.06	100.33%	2.76	90.49%												
A-15-131	218.54	221.59	3.05	3	98.36%	1.41	46.23%	2		1	1								
A-15-131	221.59	224.64	3.05	3.07	100.66%	2.31	75.74%	3	1	1			1						
A-15-131	224.64	227.69	3.05	2.87	94.10%	2.24	73.44%												
A-15-131	227.69	230.73	3.04	2.97	97.70%	1.9	62.50%	1					1						
A-15-131	230.73	233.78	3.05	3.05	100.00%	2.26	74.10%	2		1	1								
A-15-131	233.78	236.83	3.05	3.07	100.66%	2.77	90.82%												
A-15-131	236.83	239.88	3.05	3	98.36%	1.22	40.00%												
A-15-131	239.88	242.93	3.05	3.01	98.69%	1.37	44.92%	1	1										
A-15-131	242.93	245.97	3.04	2.88	94.74%	2.33	76.64%	2			1	1							
A-15-131	245.97	249.02	3.05	3.08	100.98%	2.04	66.89%	2		1		1							
A-15-131	249.02	252.07	3.05	2.97	97.38%	1.97	64.59%	1	1										
A-15-131	252.07	255.12	3.05	2.9	95.08%	2.25	73.77%	6	5		1								
A-15-131	255.12	258.17	3.05	3.05	100.00%	2.36	77.38%	2			1		1						
A-15-131	258.17	261.21	3.04	2.91	95.72%	1.76	57.89%	2	1	1									
A-15-131	261.21	264.26	3.05	2.87	94.10%	1	32.79%												
A-15-131	264.26	267.31	3.05	3.09	101.31%	0.96	31.48%	2			2			6	5		1		
A-15-131	267.31	270.36	3.05	3.03	99.34%	2.02	66.23%	19	18	1				4	4				
A-15-131	270.36	273.41	3.05	3.11	101.97%	2.97	97.38%	1	1					8	7		1		
A-15-131	273.41	276.45	3.04	3	98.68%	2.05	67.43%	3	2	1				9	6	2	1		
A-15-131	276.45	279.50	3.05	3	98.36%	2.28	74.75%	10	10					10	1	9			
A-15-131	279.50	282.55	3.05	2.85	93.44%	1.63	53.44%	21	20	1				28	24	4			
A-15-131	282.55	285.60	3.05	3.05	100.00%	2.6	85.25%	13	13					46	43	3			
A-15-131	285.60	288.65	3.05	3.19	104.59%	2.44	80.00%	1	1					21	20	1			
A-15-131	288.65	291.69	3.04	2.99	98.36%	2.5	82.24%												
A-15-131	291.69	294.74	3.05	2.83	92.79%	1.9	62.30%							21	18	3			
A-15-131	294.74	297.79	3.05	2.94	96.39%	1.39	45.57%												
A-15-131	297.79	300.84	3.05	2.75	90.16%	0.6	19.67%												
A-15-131	300.84	303.89	3.05	3.14	102.95%	1.76	57.70%												
A-15-131	303.89	306.93	3.04	3.12	102.63%	3.12	102.63%												
A-15-131	306.93	309.98	3.05	3	98.36%	1.63	53.44%												
A-15-131	309.98	313.03	3.05	2.65	86.89%	0.62	20.33%												
A-15-131	313.03	316.08	3.05	2.93	96.07%	0	0.00%												
A-15-131	316.08	319.13	3.05	2.98	97.70%	1.04	34.10%												
A-15-131	319.13	322.17	3.04	3.02	99.34%	0	0.00%												

AKIE LITHOLOGY LEGEND

LITHO CODE	GROUP/FORMATION	DESCRIPTION
CS		CASING
911		Missing core
3SH	AKIE FORMATION	Shale
3RB	AKIE FORMATION	Ribbon Bedded Cherts?
3BX	AKIE FORMATION	Breccia
3SS	AKIE FORMATION	Sandstone
3SH	AKIE FORMATION	Light to medium grey soft very grained mudstone/shale. Waxy/soft to touch along fracture surfaces.
3TS	AKIE TRANSITION CONTACT	Transitional between AKIE and Gunsteel light to medium grey soft shale
2SST	WARNEFORD FORMATION	Dark grey siltstone grading to progressively lighter grey sandstone and increasing amounts of chert pebbles towards the base of the unit.
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
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

AKIE LITHOLOGY LEGEND

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

STRUCTURES

FOL	Foliation plane
BDG	Bedding plane
FLT	Fault
BRX	Breccia
FA	Fold Axis-general
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**

APPENDIX 3
Analytical Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

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

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By:	Nicholas Johnson
Receiving Lab:	Canada-Vancouver
Received:	July 15, 2015
Report Date:	November 13, 2015
Page:	1 of 4

CERTIFICATE OF ANALYSIS VAN15001716.2

CLIENT JOB INFORMATION

Project:	AKIE
Shipment ID:	Akie 122
P.O. Number	
Number of Samples:	83

SAMPLE DISPOSAL

RTRN-PLP	Return
DISP-RJT	Dispose of Reject After 90 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	75	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	2	Pulverize to 85% passing 200 mesh			VAN
SPTRF	2	Split samples by riffle splitter			VAN
AQ270	83	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF300	83	LiBO2/LiB4O7 fusion ICP-ES analysis	0.2	Completed	VAN
SPG01	79	Specific Gravity on Pulp		Completed	VAN

ADDITIONAL COMMENTS

Version 2 : Overlimit Ba values reported from LF300 for qualitative purposes.

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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Client: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: November 13, 2015

CERTIFICATE OF ANALYSIS VAN15001716.2

Method		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2694856	Drill Core	4.51	14.7	44.6	23.5	189	1.1	79.5	8.5	81	3.01	41	3.2	5.6	131	2.5	12.9	<0.5	36	0.64	0.055
2694857	Drill Core	4.16	14.8	36.7	26.2	1153	1.0	79.1	8.2	177	2.89	30	3.3	5.7	270	14.3	12.1	<0.5	43	1.27	0.060
2694858	Drill Core	4.24	27.2	68.1	270.4	1275	2.6	85.7	5.7	196	6.09	56	2.7	3.0	342	11.8	35.6	<0.5	54	1.82	0.048
2694859	Drill Core	3.41	12.2	17.8	22.7	2107	0.6	64.1	8.0	62	1.67	12	2.3	7.0	212	17.7	6.6	<0.5	57	1.00	0.077
2694860	Drill Core	3.81	12.7	17.0	15.8	2000	0.5	64.0	8.3	89	1.68	11	2.2	6.1	365	14.8	5.7	<0.5	50	1.80	0.072
2694861	Drill Core	2.66	8.7	13.8	16.3	1319	<0.5	52.8	7.7	93	1.56	10	1.7	6.6	257	10.3	4.7	<0.5	48	1.52	0.072
2694862	Drill Core	2.73	13.5	16.4	22.7	2581	<0.5	64.1	7.1	103	1.61	9	2.4	5.9	335	20.1	5.1	<0.5	60	1.87	0.082
2694863	Rock Pulp	0.02	5.3	91.4	4.2	44	<0.5	14.5	8.6	525	3.42	<5	0.9	2.6	93	<0.5	<0.5	<0.5	90	1.08	0.057
2694864	Drill Core	2.42	32.3	110.5	885.5	5042	5.2	103.0	5.7	297	12.72	93	3.1	2.7	344	34.1	56.9	<0.5	52	1.04	0.049
2694865	Drill Core	4.06	26.2	37.8	974.1	5382	4.8	75.2	4.9	242	11.37	69	2.4	2.6	1523	32.4	29.8	<0.5	46	0.94	0.049
2694866	Drill Core	4.51	32.4	43.2	866.8	8628	3.3	97.5	5.8	226	9.49	53	4.5	2.7	718	53.1	19.8	<0.5	60	0.84	0.068
2694867	Drill Core	3.12	13.8	12.6	52.2	2034	0.7	63.3	7.4	103	1.66	8	2.6	6.1	392	13.3	2.1	<0.5	60	1.16	0.076
2694868	Drill Core	2.29	30.9	54.8	1351.3	10350	4.7	96.3	5.6	238	13.36	82	2.7	1.7	660	58.7	24.5	<0.5	45	0.66	0.048
2694869	Drill Core	3.40	35.2	38.4	1756.4	14523	4.8	93.0	4.9	293	15.41	86	3.2	1.3	702	77.5	20.6	<0.5	48	0.87	0.048
2694870	Drill Core	2.21	9.8	16.9	173.0	1596	0.8	52.6	6.2	130	1.91	12	2.0	5.4	520	8.7	1.9	<0.5	52	0.68	0.076
2694871	Drill Core	3.56	31.3	45.4	2289.3	23545	5.8	88.4	3.6	414	18.30	94	2.0	0.9	820	113.6	20.4	<0.5	41	1.26	0.037
2694872	Drill Core	2.50	36.4	16.5	153.4	5827	0.6	99.9	7.8	110	1.66	11	7.8	4.9	1009	29.4	1.3	<0.5	91	1.55	0.163
2694873 DUP 2694872	Drill Core		36.9	14.9	171.8	5898	0.8	104.9	8.3	117	1.74	8	7.8	4.9	1036	30.0	1.5	<0.5	88	1.70	0.166
2694874	Drill Core	3.98	25.3	52.5	1656.2	10368	4.2	83.1	4.9	294	13.53	81	1.7	2.1	916	50.4	19.3	<0.5	37	1.40	0.046
2694875	Drill Core	4.18	8.4	11.3	121.5	1946	0.5	59.1	6.9	264	2.61	8	1.5	6.6	373	10.1	2.1	<0.5	47	1.38	0.056
2694876	Drill Core	4.73	23.8	40.7	1721.7	16875	3.8	77.3	4.7	264	11.11	56	1.4	1.4	772	73.9	13.3	<0.5	35	0.83	0.015
2694877	Drill Core	4.35	18.7	30.4	1500.0	14965	3.2	68.5	5.3	256	8.55	43	1.6	2.0	999	62.0	8.3	<0.5	38	1.13	0.015
2694878	Drill Core	3.58	24.3	33.6	2071.9	28861	4.7	79.6	4.1	253	12.92	62	1.5	1.3	662	115.3	12.9	<0.5	39	0.73	0.025
2694879	Drill Core	2.65	21.5	31.1	1011.3	16593	2.6	82.9	6.6	139	6.19	35	2.7	3.7	535	74.0	7.0	<0.5	45	0.95	0.068
2694880	Drill Core	3.90	33.6	40.1	3368.3	37894	9.4	90.0	3.1	358	18.58	98	1.5	0.6	651	187.9	23.5	<0.5	35	0.99	0.011
2694881	Drill Core	2.98	8.4	13.3	250.3	2615	0.8	60.0	7.6	102	2.00	13	1.5	5.3	172	12.3	2.2	<0.5	44	0.55	0.065
2694882	Drill Core	2.40	16.2	33.1	1043.2	15250	3.8	54.2	3.3	131	5.81	33	2.0	0.8	1389	74.1	13.8	<0.5	43	1.18	0.028
2694883	Rock Pulp	0.02	11.7	5389.4	23004.3	25231	83.4	12.6	14.7	2387	3.20	39	<0.5	1.0	77	172.2	237.2	3.1	23	2.92	0.044
2694884	Drill Core	3.39	32.5	30.3	1383.1	7576	3.4	119.4	8.5	248	2.83	26	7.0	3.8	790	37.4	5.9	<0.5	101	1.45	0.120
2694885	Drill Core	1.96	11.0	44.6	1981.0	16791	4.6	63.0	5.0	611	5.69	31	1.7	1.9	1037	80.2	10.0	<0.5	44	3.60	0.066

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Project: AKIE
Report Date: November 13, 2015

CERTIFICATE OF ANALYSIS VAN15001716.2

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF300	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	5	0.01
2694856	Drill Core	22.2	7.0	0.15	724	0.004	1.17	<0.01	0.23	<0.5	0.06	2.2	3.3	2.93	<5	8	25820	2.649
2694857	Drill Core	21.1	7.3	0.33	682	0.003	0.66	<0.01	0.21	<0.5	0.17	2.6	3.2	2.97	<5	9	18079	2.618
2694858	Drill Core	8.6	6.6	0.12	323	0.003	0.45	<0.01	0.21	<0.5	0.27	2.5	10.8	6.20	<5	24	35792	2.798
2694859	Drill Core	15.3	7.7	0.16	913	0.004	0.56	<0.01	0.29	<0.5	0.14	2.2	2.7	1.92	<5	9	6408	2.637
2694860	Drill Core	14.5	7.4	0.21	767	0.003	0.52	<0.01	0.28	<0.5	0.17	3.1	2.9	1.93	<5	10	6337	2.628
2694861	Drill Core	15.3	8.3	0.22	1072	0.003	0.55	<0.01	0.30	<0.5	0.14	3.0	2.1	1.72	<5	10	7022	2.638
2694862	Drill Core	14.3	8.9	0.18	1298	0.004	0.58	<0.01	0.26	<0.5	0.22	3.3	2.6	1.85	<5	11	9408	2.682
2694863	Rock Pulp	6.8	17.9	0.75	138	0.164	1.89	0.24	0.24	0.7	<0.05	3.9	<0.5	<0.05	5	<2	588	I.S.
2694864	Drill Core	7.7	7.6	0.25	185	0.003	0.88	<0.01	0.17	<0.5	0.56	2.8	28.0	14.55	<5	28	19304	2.970
2694865	Drill Core	7.8	1.5	0.18	180	0.003	0.95	<0.01	0.17	<0.5	0.58	2.4	27.1	12.79	<5	21	22674	2.937
2694866	Drill Core	8.7	7.5	0.17	184	0.003	0.84	<0.01	0.17	<0.5	0.54	2.4	27.4	11.16	<5	20	20596	2.854
2694867	Drill Core	16.1	8.5	0.22	1573	0.004	1.06	<0.01	0.26	<0.5	0.22	2.3	2.8	1.57	<5	7	20470	2.654
2694868	Drill Core	6.3	7.7	0.14	108	0.003	0.89	<0.01	0.16	<0.5	0.56	2.2	43.6	15.25	<5	22	27601	3.052
2694869	Drill Core	5.4	6.5	0.12	139	0.002	0.66	<0.01	0.12	<0.5	0.61	2.0	53.1	17.50	<5	21	32973	3.098
2694870	Drill Core	16.9	8.5	0.19	1572	0.004	1.44	<0.01	0.22	<0.5	0.14	3.0	4.4	1.47	<5	6	35537	2.712
2694871	Drill Core	3.7	7.4	0.26	113	0.002	0.47	<0.01	0.10	<0.5	0.71	2.4	80.7	21.63	<5	24	31430	3.275
2694872	Drill Core	12.1	8.8	0.16	1081	0.005	0.65	<0.01	0.24	<0.5	<0.05	2.5	3.8	1.97	<5	9	11831	2.581
2694873 DUP 2694872	Drill Core	12.1	9.8	0.16	1080	0.005	0.63	<0.01	0.24	<0.5	0.14	2.5	3.7	2.02	<5	10	11772	2.594
2694874	Drill Core	5.8	8.1	0.17	171	0.003	0.42	<0.01	0.15	<0.5	0.33	2.5	54.0	15.35	<5	12	25386	3.047
2694875	Drill Core	14.6	7.6	0.50	729	0.004	0.55	<0.01	0.27	<0.5	<0.05	4.2	3.2	2.77	<5	4	12244	2.712
2694876	Drill Core	4.9	7.0	0.19	119	0.002	0.36	<0.01	0.15	<0.5	0.36	2.0	61.0	13.06	<5	10	27247	2.947
2694877	Drill Core	6.0	8.2	0.27	194	0.003	0.44	<0.01	0.20	<0.5	0.30	2.5	52.2	9.99	<5	7	30449	2.920
2694878	Drill Core	3.8	7.7	0.18	112	0.003	0.35	<0.01	0.15	<0.5	0.43	1.7	94.3	15.78	<5	10	20981	3.035
2694879	Drill Core	6.5	8.5	0.17	194	0.003	0.46	<0.01	0.21	0.7	0.26	1.7	42.5	8.02	<5	9	13443	2.837
2694880	Drill Core	2.4	7.8	0.14	65	0.002	0.26	<0.01	0.11	<0.5	0.66	1.1	142.8	22.88	<5	18	29312	3.296
2694881	Drill Core	9.0	7.3	0.21	958	0.003	0.52	<0.01	0.25	<0.5	0.05	2.1	5.4	2.30	<5	4	9326	2.676
2694882	Drill Core	1.8	6.0	0.10	195	0.002	0.24	<0.01	0.10	<0.5	0.27	0.7	60.5	6.94	<5	5	30563	2.847
2694883	Rock Pulp	3.1	23.5	0.59	83	0.055	0.83	0.04	0.19	4.3	0.37	1.2	1.1	2.80	<5	4	406	I.S.
2694884	Drill Core	2.1	11.6	0.13	579	0.004	0.47	<0.01	0.24	<0.5	0.13	1.9	21.9	3.23	<5	15	21005	2.626
2694885	Drill Core	2.8	8.2	0.16	314	0.003	0.40	<0.01	0.21	<0.5	0.35	2.5	71.4	6.28	<5	9	42391	2.854

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Project: AKIE
Report Date: November 13, 2015

CERTIFICATE OF ANALYSIS VAN15001716.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2694886	Drill Core	4.32	21.0	65.7	4495.1	34592	11.1	74.3	3.9	400	12.84	57	2.2	1.0	590	188.7	18.4	<0.5	41	1.27	0.045
2694887	Drill Core	3.16	10.2	17.3	645.9	1553	1.0	71.6	7.5	116	2.11	9	1.6	4.0	364	9.1	2.2	<0.5	45	0.64	0.070
2694888	Drill Core	3.56	10.3	17.4	1678.0	3045	1.2	70.9	7.1	107	2.02	12	1.9	4.0	728	20.3	2.6	<0.5	43	0.74	0.074
2694889	Drill Core	4.71	23.8	60.8	18060.7	107723	16.5	64.2	3.0	449	14.93	57	2.5	<0.5	786	641.6	15.4	<0.5	74	0.98	0.025
2694890	Drill Core	3.80	26.0	60.1	28145.1	111447	21.2	68.4	2.4	494	15.63	69	2.2	<0.5	736	795.9	12.8	<0.5	86	1.37	0.025
2694891	Drill Core	2.02	14.9	47.7	17376.4	102913	13.9	51.8	3.2	576	11.10	43	1.9	<0.5	601	643.6	9.7	<0.5	57	3.55	0.034
2694892	Drill Core	2.09	24.6	33.7	7740.3	18346	5.6	104.8	7.4	206	5.53	34	4.9	2.6	371	101.0	5.3	<0.5	177	0.46	0.072
2694893 DUP 2694892	Drill Core		25.0	32.1	7784.5	18637	6.3	101.0	6.4	203	5.55	34	5.2	2.6	384	103.2	4.8	<0.5	182	0.48	0.075
2694894	Drill Core	3.55	20.8	46.1	10511.8	62308	13.3	67.3	4.4	481	11.02	51	2.3	<0.5	604	387.9	9.6	<0.5	68	1.75	0.036
2694895	Drill Core	2.45	22.4	46.4	14652.8	92004	16.7	70.1	4.1	459	12.20	56	3.3	0.5	566	558.0	9.4	<0.5	62	0.70	0.037
2694896	Drill Core	3.59	19.9	49.6	24044.5	139047	19.9	54.6	1.9	480	15.04	56	2.1	<0.5	659	792.9	13.2	<0.5	55	1.24	0.023
2694897	Drill Core	4.09	19.5	40.7	13085.4	64518	10.9	76.2	5.9	298	7.47	39	3.7	1.1	550	389.6	8.9	<0.5	124	0.76	0.051
2694898	Drill Core	4.73	25.2	77.7	16936.1	91773	19.4	72.3	3.3	498	13.04	60	3.5	<0.5	488	576.6	24.0	<0.5	91	1.49	0.032
2694899	Drill Core	3.21	12.5	24.5	1340.7	2428	1.5	76.0	7.8	121	2.08	12	3.1	4.5	327	17.1	2.9	<0.5	135	0.59	0.065
2694900	Drill Core	3.75	11.7	15.8	657.6	2394	0.9	71.6	8.1	173	2.08	9	3.1	4.1	662	17.0	2.5	<0.5	116	1.13	0.066
2694901	Drill Core	4.43	13.3	37.3	3487.4	14804	4.2	72.7	7.0	199	3.69	20	3.1	3.5	691	89.4	6.4	<0.5	110	0.93	0.056
2694902	Drill Core	5.04	19.5	76.0	19831.8	102601	18.7	60.8	3.3	394	12.31	45	2.6	<0.5	512	720.5	22.8	<0.5	73	1.12	0.031
2694903	Rock Pulp	0.02	6.0	100.1	5.3	51	<0.5	16.0	10.7	519	3.54	<5	1.0	3.1	104	<0.5	<0.5	<0.5	94	1.12	0.056
2694904	Drill Core	3.69	8.2	45.9	28510.3	146118	15.4	25.5	1.5	412	7.57	19	1.1	<0.5	681	1124.6	12.4	<0.5	33	1.45	0.015
2694905	Drill Core	3.38	15.1	41.0	7497.3	84436	10.0	63.5	5.5	206	5.78	23	3.8	1.3	313	551.9	8.2	<0.5	74	0.54	0.039
2694906	Drill Core	3.79	14.3	64.9	26706.1	191318	26.2	40.6	2.0	421	13.58	32	2.0	<0.5	338	1143.3	21.8	<0.5	42	1.16	0.015
2694907	Drill Core	2.46	17.2	71.9	34575.2	161016	22.4	56.2	3.7	504	9.85	25	3.4	<0.5	944	1028.6	30.3	<0.5	78	1.17	0.025
2694908	Drill Core	2.97	9.8	25.8	2690.5	3351	1.9	65.5	7.2	92	1.75	10	3.8	4.1	180	24.3	3.4	<0.5	83	0.23	0.061
2694909	Drill Core	5.12	24.3	65.7	24130.4	117556	24.7	66.3	3.2	532	12.35	39	3.9	<0.5	278	732.5	28.4	<0.5	69	1.27	0.030
2694910	Drill Core	5.68	11.3	61.4	31469.8	182999	21.2	37.6	2.7	535	9.19	21	2.1	<0.5	304	1175.8	20.9	<0.5	44	1.69	0.028
2694911	Drill Core	4.15	17.4	54.9	19877.3	72921	14.2	66.7	5.8	274	6.61	18	4.2	1.7	250	521.9	21.2	<0.5	86	0.56	0.048
2694912	Drill Core	5.69	17.5	53.9	14435.5	74744	14.8	60.0	5.1	407	7.19	23	3.8	1.0	410	500.1	21.1	<0.5	83	0.96	0.039
2694913 DUP 2694912	Drill Core		18.4	54.2	14410.8	74460	15.1	59.9	4.9	402	7.31	22	3.8	1.0	391	479.4	21.6	<0.5	86	0.94	0.042
2694914	Drill Core	3.41	21.8	59.1	19581.7	102047	21.4	54.1	3.3	516	10.58	29	4.4	<0.5	461	623.6	33.2	<0.5	80	1.91	0.031
2694915	Drill Core	4.22	14.0	48.0	22003.8	134751	17.8	42.3	3.2	460	8.15	20	2.5	<0.5	489	850.4	28.8	<0.5	60	1.30	0.018

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Project: AKIE
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CERTIFICATE OF ANALYSIS VAN15001716.2

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF300	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	5	0.01
2694886	Drill Core	1.5	7.8	0.26	175	0.004	0.36	<0.01	0.17	<0.5	0.65	2.8	167.2	15.41	<5	13	38735	3.105
2694887	Drill Core	1.8	8.2	0.23	873	0.004	0.53	<0.01	0.27	<0.5	<0.05	2.6	10.2	2.28	<5	4	11192	2.676
2694888	Drill Core	2.5	7.4	0.20	1056	0.004	0.50	<0.01	0.26	<0.5	0.12	2.7	14.5	2.15	<5	6	16279	2.723
2694889	Drill Core	0.9	16.9	0.20	87	0.005	0.35	<0.01	0.13	<0.5	2.48	2.6	237.8	20.93	5	11	44463	3.400
2694890	Drill Core	0.7	17.0	0.22	76	0.005	0.36	<0.01	0.13	<0.5	2.89	2.4	266.7	21.97	6	11	22233	3.453
2694891	Drill Core	1.1	11.7	0.19	129	0.004	0.34	<0.01	0.13	<0.5	2.73	2.9	221.6	15.92	<5	9	39002	3.309
2694892	Drill Core	1.7	24.0	0.22	306	0.012	1.20	<0.01	0.47	0.7	0.47	4.6	82.0	6.57	<5	8	23453	2.816
2694893 DUP 2694892	Drill Core	1.7	20.8	0.22	281	0.013	1.24	<0.01	0.49	0.6	0.48	4.8	87.5	6.53	<5	9	23737	2.818
2694894	Drill Core	1.0	14.5	0.21	140	0.006	0.48	<0.01	0.20	<0.5	1.70	3.3	204.8	14.09	<5	10	53813	3.176
2694895	Drill Core	0.8	12.2	0.16	88	0.004	0.34	<0.01	0.15	<0.5	2.71	2.5	255.4	17.64	<5	9	45838	3.245
2694896	Drill Core	<0.5	10.7	0.20	83	0.003	0.20	<0.01	0.07	<0.5	3.88	1.4	311.8	22.85	5	10	85671	3.675
2694897	Drill Core	1.3	16.5	0.20	171	0.009	0.94	<0.01	0.37	<0.5	1.65	3.2	170.9	11.47	<5	11	29464	2.981
2694898	Drill Core	0.8	13.9	0.21	109	0.007	0.49	<0.01	0.21	<0.5	2.73	2.2	274.0	18.27	5	18	44282	3.299
2694899	Drill Core	3.1	20.4	0.26	1032	0.011	1.36	<0.01	0.59	<0.5	0.10	3.5	23.5	2.16	<5	6	12756	2.623
2694900	Drill Core	3.8	18.1	0.30	1275	0.009	1.15	<0.01	0.50	<0.5	0.11	3.6	16.6	1.77	<5	5	25470	2.670
2694901	Drill Core	2.3	17.2	0.30	502	0.009	1.09	<0.01	0.46	<0.5	0.41	3.6	62.3	4.19	<5	9	27201	2.749
2694902	Drill Core	0.9	11.9	0.23	86	0.005	0.37	<0.01	0.16	<0.5	2.88	2.7	232.6	17.88	<5	16	62525	3.366
2694903	Rock Pulp	7.9	19.3	0.77	153	0.169	1.94	0.25	0.22	0.7	<0.05	3.2	<0.5	<0.05	5	<2	586	I.S.
2694904	Drill Core	0.6	4.7	0.12	83	0.002	0.15	<0.01	0.06	<0.5	3.40	0.9	168.0	16.00	<5	9	167195	3.806
2694905	Drill Core	1.3	9.1	0.18	145	0.006	0.54	<0.01	0.25	<0.5	1.87	3.3	135.2	10.72	<5	9	48828	3.014
2694906	Drill Core	<0.5	5.4	0.13	65	0.002	0.13	<0.01	0.05	<0.5	5.40	1.1	297.3	24.27	<5	14	101595	3.823
2694907	Drill Core	0.9	6.3	0.16	87	0.004	0.36	<0.01	0.16	<0.5	4.77	2.0	245.3	18.95	5	26	45729	3.387
2694908	Drill Core	2.2	11.2	0.17	1209	0.007	0.70	<0.01	0.34	<0.5	0.17	4.4	21.7	1.88	<5	7	15196	2.655
2694909	Drill Core	0.6	7.3	0.13	85	0.004	0.26	<0.01	0.13	<0.5	3.18	1.8	260.4	19.23	<5	25	80151	3.374
2694910	Drill Core	0.7	6.0	0.19	79	0.003	0.26	<0.01	0.12	<0.5	5.85	1.7	241.0	19.03	6	10	67159	3.503
2694911	Drill Core	1.5	9.0	0.16	160	0.006	0.58	<0.01	0.28	<0.5	2.12	3.0	145.7	11.38	<5	20	23218	2.945
2694912	Drill Core	1.2	8.8	0.19	132	0.006	0.48	<0.01	0.23	<0.5	2.27	2.9	171.2	11.59	<5	26	50106	3.062
2694913 DUP 2694912	Drill Core	1.3	9.2	0.20	124	0.006	0.51	<0.01	0.24	<0.5	2.26	2.8	172.1	11.55	<5	18	55157	3.061
2694914	Drill Core	0.8	5.5	0.11	77	0.004	0.25	<0.01	0.12	<0.5	2.75	1.8	258.0	16.18	<5	33	103247	3.375
2694915	Drill Core	0.9	5.8	0.15	94	0.003	0.34	<0.01	0.15	<0.5	4.02	1.9	217.5	15.79	<5	22	82331	3.318

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	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2694916	Drill Core	5.16	19.6	54.7	24120.8	113593	19.5	50.3	3.1	548	8.63	29	2.7	<0.5	495	790.3	28.1	<0.5	61	1.67	0.020
2694917	Drill Core	5.60	12.8	44.7	25576.4	124641	16.9	40.8	2.5	443	7.28	25	2.4	<0.5	679	962.1	18.0	<0.5	54	1.46	0.023
2694918	Drill Core	5.35	16.9	57.1	23218.7	115341	17.0	47.6	3.1	487	7.54	24	2.5	<0.5	429	827.9	23.9	<0.5	54	1.55	0.023
2694919	Drill Core	4.22	20.7	64.4	23105.5	66155	16.9	73.1	5.4	335	7.73	26	4.5	1.0	226	472.9	19.8	<0.5	88	0.83	0.039
2694920	Drill Core	4.27	14.5	84.7	30546.3	167613	25.5	42.9	2.1	599	12.36	39	1.7	<0.5	269	1134.2	26.2	<0.5	37	1.82	0.021
2694921	Drill Core	3.41	10.0	20.8	550.5	418	1.0	69.7	7.6	139	2.23	11	2.5	4.3	222	2.7	2.6	<0.5	80	0.67	0.057
2694922	Drill Core	2.72	11.2	23.1	605.2	2769	1.4	72.9	8.4	176	2.13	14	2.6	4.4	403	19.5	3.1	<0.5	72	0.90	0.062
2694923	Rock Pulp	0.02	8.8	1909.4	13463.9	16460	63.2	16.9	19.0	1447	4.21	61	1.0	2.5	87	121.9	171.9	5.0	73	1.97	0.047
2694924	Drill Core	3.36	17.4	66.0	12075.9	63642	14.8	70.2	4.1	560	8.82	35	2.6	0.8	411	518.6	19.9	0.5	72	2.07	0.028
2694925	Drill Core	4.93	24.9	56.7	11483.0	50818	18.4	71.8	5.0	621	9.60	38	3.1	0.7	378	474.0	26.6	<0.5	74	1.97	0.030
2694926	Drill Core	3.42	24.8	55.1	5543.7	19249	13.5	80.4	5.6	521	7.12	40	3.1	1.2	345	180.1	27.6	<0.5	75	1.67	0.032
2694927	Drill Core	4.66	18.7	56.5	10560.0	23224	13.4	61.7	4.7	412	6.17	22	2.7	1.8	694	236.6	26.8	<0.5	59	1.66	0.036
2694928	Drill Core	5.52	12.6	67.3	15832.7	14807	18.7	43.4	2.6	529	7.52	21	1.7	<0.5	897	187.2	26.5	<0.5	46	2.22	0.018
2694929	Drill Core	3.47	21.1	61.6	2012.0	23797	13.5	68.6	5.2	602	7.00	25	3.1	1.8	765	238.2	25.8	<0.5	123	2.10	0.042
2694930	Drill Core	4.15	22.6	55.8	1393.5	7831	12.5	71.6	5.5	267	5.87	34	3.1	2.2	589	75.0	24.0	<0.5	105	1.59	0.022
2694931	Drill Core	4.02	12.3	15.6	332.6	329	1.0	38.8	5.0	547	2.02	<5	3.0	4.8	329	3.3	3.1	<0.5	28	7.72	0.043
2694932	Drill Core	3.45	8.2	14.0	192.4	220	0.8	30.3	4.4	671	2.10	<5	2.3	4.5	284	2.1	3.2	<0.5	32	6.64	0.017
2694933 DUP 2694932	Drill Core		8.4	13.3	197.0	212	0.7	27.8	4.3	654	2.06	<5	2.4	4.5	263	2.0	3.4	<0.5	31	6.59	0.015
2694934	Drill Core	3.70	10.3	17.5	222.1	355	0.7	40.5	4.7	471	1.85	<5	2.1	5.5	187	4.4	2.9	<0.5	38	5.26	0.053
2694935	Drill Core	4.25	1.6	9.5	155.3	485	0.6	13.8	3.9	1022	2.57	5	0.8	3.3	296	3.5	1.3	<0.5	<10	8.47	0.041
2694936	Drill Core	3.85	5.0	16.1	115.0	251	0.6	28.3	4.2	619	1.87	<5	3.1	4.6	217	2.8	2.8	<0.5	26	7.26	0.067
2694937	Drill Core	3.82	6.8	20.9	185.0	316	0.8	36.7	5.2	389	1.61	<5	1.8	5.4	138	3.9	2.7	<0.5	34	5.19	0.083
2694938	Drill Core	3.95	1.8	9.0	127.9	264	0.5	17.1	4.2	348	1.39	<5	0.8	4.3	138	2.5	1.3	<0.5	<10	4.83	0.061

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Project: AKIE
Report Date: November 13, 2015

CERTIFICATE OF ANALYSIS VAN15001716.2

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF300	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	5	0.01
2694916	Drill Core	0.8	6.0	0.12	89	0.003	0.28	<0.01	0.12	<0.5	3.73	1.8	221.4	15.14	<5	25	103701	3.392
2694917	Drill Core	1.0	6.0	0.14	89	0.004	0.29	<0.01	0.12	<0.5	3.92	1.4	190.9	14.45	<5	13	89451	3.526
2694918	Drill Core	0.8	6.4	0.15	90	0.003	0.24	<0.01	0.11	<0.5	3.81	1.8	158.7	14.28	<5	20	90895	3.498
2694919	Drill Core	1.2	9.2	0.19	106	0.005	0.42	<0.01	0.22	<0.5	2.34	2.9	135.7	12.11	<5	29	49242	3.041
2694920	Drill Core	0.5	7.1	0.22	64	0.002	0.16	<0.01	0.07	<0.5	8.15	1.5	204.3	21.48	6	14	92493	3.668
2694921	Drill Core	2.2	13.1	0.19	780	0.006	0.79	<0.01	0.36	<0.5	0.06	2.7	12.0	2.02	<5	6	18745	2.681
2694922	Drill Core	2.5	12.1	0.25	1037	0.006	0.63	<0.01	0.33	<0.5	0.15	3.1	14.2	2.05	<5	6	21269	2.693
2694923	Rock Pulp	7.6	24.4	1.31	257	0.130	1.61	0.19	0.18	1.3	0.52	3.1	1.0	1.71	5	3	629	I.S.
2694924	Drill Core	1.6	11.2	0.25	146	0.005	0.49	<0.01	0.23	0.6	3.05	4.0	126.1	12.13	<5	16	69356	3.059
2694925	Drill Core	1.7	9.0	0.20	137	0.004	0.39	<0.01	0.20	<0.5	2.38	3.4	142.2	11.99	<5	19	52154	3.154
2694926	Drill Core	2.7	8.3	0.21	227	0.004	0.46	<0.01	0.24	<0.5	0.96	3.1	88.2	8.13	<5	26	49177	2.956
2694927	Drill Core	4.1	4.7	0.17	188	0.003	0.32	<0.01	0.17	<0.5	1.84	2.7	75.1	7.53	<5	24	72910	3.093
2694928	Drill Core	3.9	4.5	0.13	171	0.002	0.14	<0.01	0.08	<0.5	2.20	2.8	71.8	8.80	<5	19	256970	3.622
2694929	Drill Core	10.8	12.3	0.26	307	0.004	0.30	<0.01	0.15	<0.5	2.90	5.1	71.9	6.37	<5	20	122569	3.135
2694930	Drill Core	11.6	12.6	0.25	325	0.003	0.27	<0.01	0.16	<0.5	1.33	5.6	47.2	4.85	<5	18	110605	3.067
2694931	Drill Core	14.2	6.9	1.86	1450	0.003	0.25	<0.01	0.17	<0.5	0.06	4.4	3.2	1.66	<5	2	29402	2.723
2694932	Drill Core	10.3	6.4	1.99	1706	0.003	0.33	<0.01	0.21	<0.5	<0.05	4.0	2.9	2.02	<5	<2	9110	2.672
2694933 DUP 2694932	Drill Core	9.8	6.3	1.98	1599	0.003	0.32	<0.01	0.22	<0.5	0.12	3.7	2.7	2.03	<5	<2	8959	2.657
2694934	Drill Core	12.6	7.1	1.97	607	0.004	0.34	<0.01	0.22	<0.5	0.09	3.3	2.4	1.71	<5	<2	5458	2.629
2694935	Drill Core	10.4	5.0	3.46	935	0.003	0.33	<0.01	0.22	<0.5	0.08	3.7	2.2	2.51	<5	<2	3479	2.732
2694936	Drill Core	11.7	2.2	2.41	514	0.003	0.34	<0.01	0.22	<0.5	0.12	3.7	1.7	1.61	<5	<2	3117	2.638
2694937	Drill Core	12.6	7.3	2.19	327	0.004	0.36	<0.01	0.24	<0.5	0.10	3.5	1.8	1.32	<5	<2	3233	2.632
2694938	Drill Core	11.7	6.1	2.03	406	0.003	0.34	<0.01	0.25	<0.5	0.15	4.1	1.4	1.07	<5	<2	2867	2.638

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Project: AKIE
Report Date: November 13, 2015

QUALITY CONTROL REPORT VAN15001716.2

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Pulp Duplicates																					
2694864	Drill Core	2.42	32.3	110.5	885.5	5042	5.2	103.0	5.7	297	12.72	93	3.1	2.7	344	34.1	56.9	<0.5	52	1.04	0.049
REP 2694864	QC																				
2694869	Drill Core	3.40	35.2	38.4	1756.4	14523	4.8	93.0	4.9	293	15.41	86	3.2	1.3	702	77.5	20.6	<0.5	48	0.87	0.048
REP 2694869	QC		34.6	39.3	1748.9	14497	5.2	92.2	4.4	282	15.35	81	3.3	1.2	712	78.2	19.6	<0.5	48	0.87	0.048
2694899	Drill Core	3.21	12.5	24.5	1340.7	2428	1.5	76.0	7.8	121	2.08	12	3.1	4.5	327	17.1	2.9	<0.5	135	0.59	0.065
REP 2694899	QC																				
2694904	Drill Core	3.69	8.2	45.9	28510.3	146118	15.4	25.5	1.5	412	7.57	19	1.1	<0.5	681	1124.6	12.4	<0.5	33	1.45	0.015
REP 2694904	QC		8.5	44.0	28446.1	147082	15.4	23.9	1.4	418	7.62	21	1.1	<0.5	651	1113.5	12.2	<0.5	32	1.46	0.013
2694934	Drill Core	3.70	10.3	17.5	222.1	355	0.7	40.5	4.7	471	1.85	<5	2.1	5.5	187	4.4	2.9	<0.5	38	5.26	0.053
REP 2694934	QC																				
2694938	Drill Core	3.95	1.8	9.0	127.9	264	0.5	17.1	4.2	348	1.39	<5	0.8	4.3	138	2.5	1.3	<0.5	<10	4.83	0.061
REP 2694938	QC		1.9	9.3	128.5	257	0.5	16.3	4.1	374	1.39	<5	0.8	4.5	143	2.1	1.1	<0.5	<10	4.79	0.058
Core Reject Duplicates																					
2694872	Drill Core	2.50	36.4	16.5	153.4	5827	0.6	99.9	7.8	110	1.66	11	7.8	4.9	1009	29.4	1.3	<0.5	91	1.55	0.163
DUP 2694872	QC		36.8	14.4	155.3	5937	<0.5	100.0	8.3	108	1.67	8	7.9	4.9	1048	30.0	1.3	<0.5	86	1.56	0.164
2694906	Drill Core	3.79	14.3	64.9	26706.1	191318	26.2	40.6	2.0	421	13.58	32	2.0	<0.5	338	1143.3	21.8	<0.5	42	1.16	0.015
DUP 2694906	QC		13.1	62.8	27066.7	198080	26.3	39.5	2.0	427	13.65	29	2.0	<0.5	327	1151.5	21.3	<0.5	35	1.16	0.015
Reference Materials																					
STD GBM398-4-AR	Standard		905.2	3866.9	11562.6	5335	49.0	4183.1	1936.0	5213	3.75	5	0.6	0.8	10	8.6	7.0	11.6	21	0.33	0.017
STD GBM398-4-AR	Standard		939.6	3977.9	11944.0	5440	50.8	4360.0	1973.4	5318	3.95	<5	0.6	0.8	12	8.7	7.7	12.1	21	0.34	0.018
STD GBM398-4-AR	Standard		932.4	3958.6	11791.2	5456	49.8	4309.5	2050.9	5310	3.91	5	0.8	0.9	10	9.0	7.1	12.9	21	0.33	0.018
STD OREAS927-AR	Standard		1.2	10730.4	233.3	706	4.7	29.2	28.8	1075	7.85	10	1.7	12.7	7	1.1	1.4	68.0	32	0.27	0.052
STD OREAS927-AR	Standard		1.3	11100.7	251.9	753	4.4	30.9	31.4	1187	8.21	11	1.6	12.9	8	1.2	1.3	68.6	33	0.31	0.055
STD OREAS927-AR	Standard		1.1	10725.4	252.8	695	5.3	31.1	31.0	1039	8.01	12	1.9	13.6	13	1.2	1.2	66.5	33	0.29	0.051
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-19	Standard																				

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Project: AKIE
Report Date: November 13, 2015

QUALITY CONTROL REPORT VAN15001716.2

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF300	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	5	0.01
Pulp Duplicates																		
2694864	Drill Core	7.7	7.6	0.25	185	0.003	0.88	<0.01	0.17	<0.5	0.56	2.8	28.0	14.55	<5	28	19304	2.970
REP 2694864	QC																19022	
2694869	Drill Core	5.4	6.5	0.12	139	0.002	0.66	<0.01	0.12	<0.5	0.61	2.0	53.1	17.50	<5	21	32973	3.098
REP 2694869	QC	5.7	7.5	0.12	172	0.002	0.66	<0.01	0.12	<0.5	0.61	2.1	54.9	17.65	<5	19		
2694899	Drill Core	3.1	20.4	0.26	1032	0.011	1.36	<0.01	0.59	<0.5	0.10	3.5	23.5	2.16	<5	6	12756	2.623
REP 2694899	QC																12936	
2694904	Drill Core	0.6	4.7	0.12	83	0.002	0.15	<0.01	0.06	<0.5	3.40	0.9	168.0	16.00	<5	9	167195	3.806
REP 2694904	QC	0.6	4.0	0.12	92	0.002	0.14	<0.01	0.06	<0.5	3.55	1.0	170.6	16.09	<5	6		
2694934	Drill Core	12.6	7.1	1.97	607	0.004	0.34	<0.01	0.22	<0.5	0.09	3.3	2.4	1.71	<5	<2	5458	2.629
REP 2694934	QC																5496	
2694938	Drill Core	11.7	6.1	2.03	406	0.003	0.34	<0.01	0.25	<0.5	0.15	4.1	1.4	1.07	<5	<2	2867	2.638
REP 2694938	QC	13.0	6.2	2.02	416	0.003	0.37	<0.01	0.26	<0.5	0.11	4.2	1.3	1.08	<5	<2		
Core Reject Duplicates																		
2694872	Drill Core	12.1	8.8	0.16	1081	0.005	0.65	<0.01	0.24	<0.5	<0.05	2.5	3.8	1.97	<5	9	11831	2.581
DUP 2694872	QC	12.6	9.1	0.15	1353	0.004	0.62	<0.01	0.23	<0.5	0.06	3.2	3.2	2.00	<5	8	11622	2.579
2694906	Drill Core	<0.5	5.4	0.13	65	0.002	0.13	<0.01	0.05	<0.5	5.40	1.1	297.3	24.27	<5	14	101595	3.823
DUP 2694906	QC	<0.5	4.6	0.14	49	0.002	0.11	<0.01	0.04	<0.5	5.48	0.9	296.1	24.33	<5	15	100860	3.820
Reference Materials																		
STD GBM398-4-AR	Standard	2.6	1915.4	0.12	20	0.106	0.46	0.25	0.10	3.1	3.22	1.2	<0.5	0.91	<5	3		
STD GBM398-4-AR	Standard	2.4	1947.0	0.12	21	0.109	0.50	0.25	0.11	2.7	3.34	1.8	<0.5	0.92	<5	<2		
STD GBM398-4-AR	Standard	2.7	1965.9	0.12	24	0.110	0.47	0.26	0.10	3.1	3.29	1.6	<0.5	0.92	<5	<2		
STD OREAS927-AR	Standard	26.4	38.9	1.94	52	0.080	3.25	<0.01	0.27	5.2	0.12	4.2	<0.5	1.73	9	15		
STD OREAS927-AR	Standard	27.1	41.9	2.01	55	0.074	3.35	<0.01	0.28	5.7	0.15	4.4	0.9	1.75	10	18		
STD OREAS927-AR	Standard	29.4	41.9	1.96	54	0.079	3.30	<0.01	0.25	5.2	0.16	4.0	<0.5	1.72	9	15		
STD SO-18	Standard																478	
STD SO-18	Standard																493	
STD SO-18	Standard																481	
STD SO-19	Standard																452	

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		WGHT	AQ270	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 SO-19	Standard																				
STD SO-19	Standard																				
STD SO-18 Expected																					
STD SO-19 Expected																					
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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	1.5	2.5	14	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
Prep Wash																					
ROCK-VAN	Prep Blank		4.6	2.5	2.2	29	<0.5	1.3	3.6	466	1.71	<5	<0.5	2.2	33	<0.5	<0.5	<0.5	21	0.64	0.043
ROCK-VAN	Prep Blank		0.9	1.8	1.2	28	<0.5	0.9	3.8	457	1.71	<5	<0.5	2.2	31	<0.5	<0.5	<0.5	20	0.61	0.039

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE

Report Date: November 13, 2015

QUALITY CONTROL REPORT VAN15001716.2

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF300	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	5	0.01
STD SO-19	Standard																496	
STD SO-19	Standard																463	
STD SO-18 Expected																	515	
STD SO-19 Expected																	486	
STD GBM398-4-AR		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		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																<5	
BLK	Blank																11	
BLK	Blank																<5	
BLK	Blank	<0.5	0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.06	<0.5	<0.5	<0.05	<5	<2		
BLK	Blank	<0.5	0.9	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2		
Prep Wash																		
ROCK-VAN	Prep Blank	6.4	3.0	0.43	69	0.091	1.03	0.13	0.11	<0.5	<0.05	3.9	<0.5	<0.05	<5	<2	789	2.619
ROCK-VAN	Prep Blank	6.0	3.0	0.43	68	0.090	0.99	0.12	0.12	<0.5	<0.05	3.5	<0.5	<0.05	<5	<2	785	2.622

MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By:	Nicholas Johnson
Receiving Lab:	Canada-Vancouver
Received:	July 21, 2015
Report Date:	August 13, 2015
Page:	1 of 10

CERTIFICATE OF ANALYSIS VAN15001763.1

CLIENT JOB INFORMATION

Project:	AKIE
Shipment ID:	AKIE 121
P.O. Number	
Number of Samples:	255

SAMPLE DISPOSAL

RTRN-PLP	Return
DISP-RJT	Dispose of Reject After 90 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	229	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	6	Pulverize to 85% passing 200 mesh			VAN
SPTRF	6	Split samples by riffle splitter			VAN
AQ270	255	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	255	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	242	Specific Gravity on Pulp		Completed	VAN
AQ371	16	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

	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
2694501	Drill Core	3.38	24.6	38.8	23.5	28	<0.5	71.2	9.9	72	2.20	20	7.6	4.7	149	<0.5	5.4	<0.5	36	0.73	0.050
2694502	Drill Core	4.24	33.1	32.5	20.7	351	<0.5	58.3	8.1	52	2.21	21	8.7	4.5	92	2.6	5.6	<0.5	35	0.35	0.043
2694503	Rock Pulp	0.02	7.6	1875.9	13310.2	16294	64.4	15.7	19.0	1526	4.06	57	1.0	2.6	90	122.1	188.6	5.7	71	1.97	0.049
2694504	Drill Core	4.17	14.0	19.2	9.4	240	<0.5	40.2	6.3	184	1.42	10	4.1	3.1	550	2.4	2.1	<0.5	29	2.25	0.035
2694505	Drill Core	2.72	15.0	57.7	29.4	18	0.6	47.2	8.1	177	5.36	30	5.7	3.8	141	<0.5	8.0	<0.5	24	0.70	0.054
2694506	Drill Core	4.08	17.8	27.3	12.1	56	<0.5	57.1	9.2	225	2.08	16	5.6	5.4	599	<0.5	2.8	<0.5	38	3.32	0.054
2694507	Drill Core	3.95	15.8	49.6	24.2	22	0.5	52.4	8.9	184	4.15	27	5.2	5.2	183	<0.5	7.4	<0.5	27	0.82	0.058
2694508	Drill Core	4.04	19.2	39.6	19.3	34	<0.5	66.6	10.0	133	3.24	21	6.3	5.0	257	<0.5	6.1	<0.5	32	1.12	0.057
2694509	Drill Core	3.81	23.4	42.0	21.9	71	0.5	69.5	11.4	162	3.08	22	6.6	4.8	314	0.6	6.7	<0.5	28	1.70	0.053
2694510	Drill Core	3.60	19.1	47.0	25.3	220	0.5	66.7	9.4	163	3.49	23	5.7	4.5	339	1.6	9.8	<0.5	32	1.63	0.047
2694511	Drill Core	3.96	18.0	29.4	14.5	219	<0.5	62.0	10.4	200	2.25	17	6.0	5.1	370	1.7	6.8	<0.5	27	2.95	0.060
2694512	Drill Core	4.50	14.4	66.3	29.6	80	1.1	54.7	9.2	189	4.76	28	4.5	4.4	245	1.0	19.6	<0.5	31	1.09	0.049
2694513 DUP 2694512	Drill Core		14.8	64.9	29.8	74	1.1	56.6	9.2	182	4.79	28	4.6	4.2	240	0.5	19.8	<0.5	30	1.09	0.051
2694514	Drill Core	3.06	18.9	50.7	31.1	20	1.0	52.5	9.5	214	3.49	26	5.2	4.5	633	0.7	17.8	<0.5	28	3.08	0.050
2694515	Drill Core	4.07	33.2	21.0	11.3	348	<0.5	62.1	6.8	71	1.64	20	9.3	3.4	172	3.8	8.6	<0.5	67	0.91	0.047
2694516	Drill Core	1.87	35.3	24.3	12.6	785	<0.5	61.8	7.2	67	1.64	20	9.4	3.3	169	8.5	8.9	<0.5	63	0.91	0.044
2694517	Drill Core	2.38	40.1	28.4	14.6	425	0.6	69.6	7.0	45	1.72	22	9.7	3.3	57	4.7	11.6	<0.5	80	0.38	0.041
2694518	Drill Core	3.20	38.2	33.4	15.7	745	0.5	71.3	8.1	64	1.85	24	10.9	3.6	99	7.9	13.8	<0.5	85	0.83	0.044
2694519	Drill Core	2.91	40.7	38.9	15.6	948	<0.5	69.4	8.0	39	1.85	22	10.3	3.2	62	9.1	15.1	<0.5	94	0.23	0.041
2694520	Drill Core	2.74	41.4	41.8	16.4	788	0.6	73.4	8.2	43	1.94	23	10.8	3.3	80	8.3	20.4	<0.5	85	0.32	0.041
2694521	Drill Core	3.60	42.2	36.7	15.9	1066	<0.5	74.5	7.8	31	1.80	26	11.4	3.3	45	11.1	17.6	<0.5	83	0.23	0.041
2694522	Drill Core	3.68	41.4	40.8	16.7	656	0.7	71.2	8.0	39	1.92	27	12.1	3.4	79	8.1	19.7	<0.5	84	0.30	0.042
2694523	Rock Pulp	0.04	5.7	91.5	4.7	44	<0.5	13.9	9.7	552	3.36	<5	0.9	3.1	98	<0.5	<0.5	<0.5	94	1.11	0.053
2694524	Drill Core	4.63	42.8	41.8	15.9	2254	0.6	74.4	8.2	54	1.80	25	11.8	3.7	128	21.9	20.0	<0.5	94	0.54	0.043
2694525	Drill Core	3.71	43.7	41.9	15.7	578	0.6	71.8	8.1	38	1.93	27	10.2	3.3	68	6.0	20.5	<0.5	81	0.25	0.041
2694526	Drill Core	4.46	38.3	43.9	14.9	719	0.8	65.3	7.4	106	1.76	22	10.7	3.1	522	7.8	23.7	<0.5	77	2.60	0.041
2694527	Drill Core	2.47	44.8	40.1	17.1	1348	0.9	84.2	8.9	36	1.91	25	12.2	3.7	85	15.0	19.3	<0.5	79	0.34	0.044
2694528	Drill Core	3.70	40.3	43.9	15.5	1392	0.7	76.8	8.1	53	2.02	24	10.9	3.3	116	14.5	20.9	<0.5	92	0.45	0.041
2694529	Drill Core	3.82	47.6	38.8	15.2	1763	0.8	76.7	8.4	26	1.73	25	12.2	3.5	54	19.6	17.3	<0.5	76	0.39	0.044
2694530	Drill Core	4.44	44.3	43.0	16.6	1483	0.8	79.6	8.8	61	2.05	29	12.7	3.7	239	16.2	22.5	<0.5	88	0.84	0.042

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2694501	Drill Core	19.2	6.5	0.04	1329	0.005	0.82	<0.01	0.19	<0.5	0.12	2.1	1.6	2.25	<5	3	18953	2.549		
2694502	Drill Core	18.0	6.2	0.03	1441	0.004	1.01	<0.01	0.16	<0.5	0.17	2.1	1.7	2.05	<5	2	23427	2.562		
2694503	Rock Pulp	7.5	24.4	1.30	250	0.132	1.59	0.18	0.20	1.2	0.47	3.2	1.0	1.72	<5	5	636	I.S.		
2694504	Drill Core	13.5	5.5	0.18	3415	0.004	0.72	<0.01	0.15	<0.5	0.09	2.0	1.3	1.28	<5	3	17286	2.608		
2694505	Drill Core	17.1	9.5	0.04	379	0.004	1.32	<0.01	0.16	<0.5	0.23	2.8	6.3	5.63	<5	4	33941	2.615		
2694506	Drill Core	20.8	6.4	0.07	1336	0.005	1.04	<0.01	0.20	<0.5	0.11	3.4	2.1	2.08	<5	<2	31273	2.559		
2694507	Drill Core	20.8	6.3	0.06	533	0.005	1.20	<0.01	0.20	<0.5	0.22	2.9	5.0	4.36	<5	4	28368	2.571		
2694508	Drill Core	20.9	6.6	0.06	772	0.005	1.30	<0.01	0.21	<0.5	0.14	2.8	3.8	3.25	<5	4	30470	2.560		
2694509	Drill Core	19.4	5.7	0.06	821	0.004	1.06	<0.01	0.19	<0.5	0.13	3.1	2.9	3.14	<5	5	26702	2.567		
2694510	Drill Core	19.3	6.2	0.05	659	0.005	1.24	<0.01	0.19	<0.5	0.19	3.0	3.4	3.57	<5	5	31369	2.610		
2694511	Drill Core	21.0	5.4	0.07	1214	0.004	0.96	<0.01	0.18	<0.5	0.13	3.1	2.1	2.30	<5	4	23418	2.573		
2694512	Drill Core	17.6	6.2	0.09	434	0.005	1.33	<0.01	0.20	<0.5	0.20	3.3	5.4	5.02	<5	5	31503	2.637		
2694513 DUP 2694512	Drill Core	18.2	6.3	0.10	409	0.005	1.34	<0.01	0.19	<0.5	0.22	3.1	5.5	5.08	<5	4	31481	2.656		
2694514	Drill Core	19.5	5.7	0.16	684	0.005	1.02	<0.01	0.18	<0.5	0.16	3.0	3.3	3.70	<5	8	25190	2.546		
2694515	Drill Core	14.7	6.1	0.04	2493	0.004	0.97	<0.01	0.13	<0.5	0.12	2.1	1.4	1.48	<5	9	22017	2.548		
2694516	Drill Core	15.8	5.5	0.04	2290	0.003	0.71	<0.01	0.13	<0.5	0.21	2.0	1.2	1.67	<5	8	15286	2.528		
2694517	Drill Core	16.1	5.9	0.03	2056	0.004	0.76	<0.01	0.14	0.5	0.15	2.0	1.3	1.76	<5	10	15845	2.487		
2694518	Drill Core	16.7	6.1	0.04	1966	0.004	0.95	<0.01	0.14	0.6	0.24	2.0	1.4	1.78	<5	11	23537	2.606		
2694519	Drill Core	16.1	7.0	0.04	1823	0.005	0.98	<0.01	0.16	0.6	0.25	2.0	1.4	1.76	<5	10	22960	2.561		
2694520	Drill Core	15.4	6.2	0.03	1662	0.004	0.91	<0.01	0.14	<0.5	0.22	1.8	1.5	1.90	<5	10	22572	2.453		
2694521	Drill Core	15.1	5.3	0.03	1726	0.004	0.87	<0.01	0.15	0.7	0.30	1.8	1.7	1.79	<5	14	21941	2.468		
2694522	Drill Core	15.4	5.8	0.03	1633	0.004	0.87	<0.01	0.14	<0.5	0.28	1.8	1.4	1.90	<5	12	22504	2.449		
2694523	Rock Pulp	7.3	18.0	0.77	131	0.172	1.91	0.24	0.23	0.6	<0.05	3.5	<0.5	<0.05	<5	<2	605	I.S.		
2694524	Drill Core	16.1	6.8	0.04	2143	0.005	0.87	<0.01	0.16	<0.5	0.59	2.1	1.4	1.87	<5	13	21794	2.446		
2694525	Drill Core	16.4	5.8	0.03	1227	0.004	0.82	<0.01	0.14	<0.5	0.26	1.5	1.6	1.95	<5	14	21502	2.443		
2694526	Drill Core	15.9	5.8	0.04	1631	0.004	0.72	<0.01	0.13	<0.5	0.19	2.0	1.4	1.80	<5	13	21217	2.466		
2694527	Drill Core	17.0	5.1	0.03	1661	0.004	0.86	<0.01	0.15	0.5	0.40	1.6	1.9	1.98	<5	14	20528	2.446		
2694528	Drill Core	16.5	6.5	0.04	1453	0.005	0.85	<0.01	0.16	0.5	0.38	2.0	1.6	2.08	<5	10	19327	2.503		
2694529	Drill Core	16.2	5.1	0.03	1687	0.004	0.83	<0.01	0.14	0.6	0.41	1.9	1.8	1.85	<5	12	19923	2.461		
2694530	Drill Core	16.4	5.8	0.04	1337	0.004	0.55	<0.01	0.16	<0.5	0.47	1.5	1.9	2.29	<5	13	17429	2.439		

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

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
2694531	Drill Core	3.60	41.2	45.0	17.0	573	0.8	73.6	8.0	70	2.12	29	11.6	3.3	245	7.5	25.2	<0.5	82	0.73	0.042
2694532	Drill Core	3.70	43.6	39.8	15.1	1836	0.6	73.3	7.6	54	2.00	26	11.2	3.4	163	22.1	20.2	<0.5	84	0.44	0.042
2694533 DUP 2694532	Drill Core	<0.01	38.4	39.5	14.5	1876	0.7	73.8	8.0	51	1.94	28	10.9	3.5	162	21.1	19.7	<0.5	75	0.42	0.040
2694534	Drill Core	3.96	48.8	40.8	17.6	554	0.8	81.0	9.3	66	2.05	29	13.1	4.2	224	6.8	20.3	<0.5	90	0.68	0.045
2694535	Drill Core	4.02	45.7	36.7	16.8	1742	<0.5	82.1	9.1	44	2.05	28	13.0	3.9	91	21.3	16.8	<0.5	86	0.26	0.043
2694536	Drill Core	4.11	47.3	26.4	17.8	33	0.6	79.8	9.0	67	1.99	26	12.6	3.9	142	0.5	14.4	<0.5	101	0.38	0.044
2694537	Drill Core	2.85	19.4	16.8	29.6	356	<0.5	52.8	5.1	138	1.75	17	5.4	3.9	531	3.9	9.1	<0.5	68	1.67	0.043
2694538	Drill Core	3.56	37.6	114.5	278.2	35	4.6	112.9	6.8	196	8.14	93	3.8	4.9	242	0.9	65.3	<0.5	73	0.68	0.053
2694539	Drill Core	3.74	10.4	24.0	23.3	750	0.8	64.1	8.1	59	1.88	16	1.7	7.0	112	7.4	9.5	<0.5	52	0.41	0.075
2694540	Drill Core	3.08	12.9	36.1	13.3	2724	0.6	68.1	8.9	75	1.68	16	2.4	7.7	252	25.4	8.9	<0.5	61	0.91	0.084
2694541	Drill Core	4.20	11.2	38.0	12.2	2234	<0.5	64.0	9.0	71	1.75	15	2.4	8.0	199	20.0	8.8	<0.5	62	0.88	0.076
2694542	Drill Core	4.10	13.0	22.8	11.7	2218	<0.5	61.1	8.9	95	1.71	15	2.7	7.7	381	18.3	6.8	<0.5	60	1.68	0.083
2694543	Rock Pulp	0.03	12.2	5445.7	24547.3	27572	88.1	15.0	16.4	2444	3.41	43	<0.5	1.1	98	175.0	267.1	3.8	25	3.02	0.044
2694544	Drill Core	4.41	14.4	19.2	16.9	2404	<0.5	62.3	7.3	102	1.67	12	3.1	6.8	342	19.3	6.2	<0.5	71	1.48	0.091
2694545	Drill Core	3.91	28.8	82.5	313.4	840	4.3	95.7	5.7	259	9.31	73	2.9	3.8	221	8.0	42.3	<0.5	56	1.11	0.051
2694546	Drill Core	2.59	22.2	36.5	261.8	893	3.0	84.5	6.6	213	7.70	51	3.0	4.5	373	8.7	26.7	<0.5	57	1.00	0.055
2694547	Drill Core	2.64	24.3	54.1	357.5	3892	3.9	87.2	5.5	331	9.47	63	2.9	3.0	3884	27.6	30.4	<0.5	54	1.73	0.052
2694548	Drill Core	1.51	40.8	13.3	27.0	5030	0.6	91.9	8.8	80	1.88	14	9.9	6.0	119	36.7	3.0	<0.5	111	0.59	0.126
2694549	Drill Core	1.82	35.1	82.3	380.6	1389	4.8	128.8	6.5	234	12.48	99	2.7	3.0	292	10.7	34.0	<0.5	48	0.67	0.044
2694550	Drill Core	2.43	9.1	9.0	15.2	669	<0.5	37.6	4.4	2622	2.26	8	2.3	4.3	959	5.4	1.4	<0.5	93	11.42	0.107
2694551	Drill Core	3.20	24.3	12.7	27.6	3369	0.5	73.8	7.5	117	1.75	12	5.1	6.3	271	22.4	2.4	<0.5	69	1.01	0.089
2694552	Drill Core	2.02	38.2	94.7	782.3	3600	7.1	110.7	4.5	371	17.57	118	2.2	2.1	402	24.4	43.1	<0.5	49	1.52	0.038
2694553 DUP 2694552	Drill Core		36.1	98.8	776.3	3646	7.4	111.5	4.3	374	17.89	120	2.3	2.0	422	22.0	42.4	<0.5	51	1.52	0.037
2694554	Drill Core	1.81	11.6	17.8	100.9	1318	1.0	52.7	6.6	136	2.82	20	2.3	6.4	259	9.9	4.8	<0.5	56	1.15	0.064
2694555	Drill Core	3.93	39.4	49.1	740.7	6844	4.9	106.0	5.0	281	15.00	88	4.2	2.5	782	39.5	25.0	<0.5	67	0.84	0.054
2694556	Drill Core	4.18	11.5	14.3	84.9	2446	0.8	57.5	7.5	130	2.13	14	2.1	6.7	179	14.3	2.5	<0.5	55	0.84	0.083
2694557	Drill Core	4.71	33.5	53.7	1058.7	8465	5.6	96.8	4.2	350	17.82	106	2.1	1.9	1494	45.6	24.5	<0.5	53	0.77	0.037
2694558	Drill Core	2.71	38.9	14.1	31.6	7320	0.7	85.7	8.7	108	1.64	10	9.4	5.8	246	40.5	1.2	<0.5	100	0.81	0.164
2694559	Drill Core	2.11	32.9	27.0	88.0	6002	1.1	103.8	8.5	105	2.19	20	7.3	5.8	145	32.5	3.2	<0.5	90	0.76	0.154
2694560	Drill Core	4.04	21.7	44.4	476.5	4554	3.3	75.3	6.1	246	10.47	66	2.1	3.9	1170	23.5	15.1	<0.5	48	0.74	0.056

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694531	Drill Core	15.6	6.7	0.04	1407	0.004	0.46	<0.01	0.14	<0.5	0.23	1.6	1.9	2.25	<5	12	18262	2.507		
2694532	Drill Core	15.3	6.8	0.03	1449	0.004	0.61	<0.01	0.14	0.5	0.54	1.4	1.8	2.14	<5	15	18857	2.540		
2694533 DUP 2694532	Drill Core	15.3	5.5	0.03	1477	0.004	0.58	<0.01	0.13	0.6	0.53	1.4	1.8	2.13	<5	14	19406	2.543		
2694534	Drill Core	18.0	7.1	0.04	1901	0.005	0.50	<0.01	0.16	0.6	0.25	1.9	2.3	2.26	<5	10	17711	2.507		
2694535	Drill Core	17.3	6.4	0.03	1584	0.004	0.62	<0.01	0.15	<0.5	0.47	1.5	2.1	2.07	<5	13	17187	2.481		
2694536	Drill Core	16.0	9.1	0.04	2413	0.005	0.44	<0.01	0.16	<0.5	0.12	1.3	2.3	1.91	<5	9	15871	2.477		
2694537	Drill Core	14.8	9.6	0.13	3205	0.004	0.30	<0.01	0.13	<0.5	0.14	2.3	1.8	1.23	<5	13	34221	2.621		
2694538	Drill Core	15.3	9.8	0.07	272	0.006	0.51	<0.01	0.26	<0.5	0.21	1.8	12.1	8.99	<5	34	8100	2.722		
2694539	Drill Core	26.9	8.5	0.13	1351	0.005	0.59	<0.01	0.31	<0.5	0.08	2.3	2.6	2.07	<5	9	7585	2.617		
2694540	Drill Core	28.9	8.9	0.16	1106	0.005	0.64	<0.01	0.32	<0.5	0.18	2.4	2.7	1.92	<5	12	7358	2.601		
2694541	Drill Core	30.2	8.7	0.19	1065	0.005	0.63	<0.01	0.33	<0.5	0.24	2.8	2.4	1.91	<5	14	7016	2.625		
2694542	Drill Core	28.2	8.3	0.23	1266	0.005	0.59	<0.01	0.31	<0.5	0.17	2.8	2.6	1.89	<5	11	7202	2.619		
2694543	Rock Pulp	3.3	27.0	0.63	83	0.062	0.87	0.04	0.20	4.4	0.42	1.6	0.9	3.06	<5	2	400	I.S.		
2694544	Drill Core	27.0	9.6	0.20	2042	0.006	0.62	<0.01	0.30	<0.5	0.20	2.6	2.3	1.86	<5	14	7671	2.609		
2694545	Drill Core	15.1	7.9	0.24	339	0.004	0.80	<0.01	0.23	<0.5	0.17	2.6	13.6	10.06	<5	25	14224	2.800		
2694546	Drill Core	17.2	8.1	0.22	314	0.004	0.82	<0.01	0.24	<0.5	0.16	2.4	12.3	8.38	<5	17	15362	2.803		
2694547	Drill Core	12.4	7.2	0.17	246	0.004	0.65	<0.01	0.19	<0.5	0.34	2.2	16.7	10.46	<5	16	15956	2.848		
2694548	Drill Core	24.2	11.3	0.15	2072	0.006	0.72	<0.01	0.28	<0.5	0.23	2.8	3.3	2.15	<5	11	10167	2.518		
2694549	Drill Core	12.3	7.3	0.11	149	0.004	0.57	<0.01	0.19	<0.5	0.24	1.8	21.6	13.78	<5	26	10693	2.908		
2694550	Drill Core	16.2	8.4	1.01	2468	0.005	0.63	0.01	0.19	<0.5	<0.05	2.6	1.7	1.59	<5	8	11828	2.648		
2694551	Drill Core	24.2	9.0	0.15	1828	0.004	0.79	<0.01	0.23	<0.5	0.17	2.4	2.8	1.83	<5	12	17717	2.557		
2694552	Drill Core	8.3	8.3	0.10	114	0.004	0.54	<0.01	0.17	<0.5	0.32	2.0	27.2	19.73	<5	29	11210	3.064		
2694553 DUP 2694552	Drill Core	8.0	8.0	0.10	127	0.004	0.55	<0.01	0.17	<0.5	0.35	2.1	27.3	19.66	<5	28	10901	3.048		
2694554	Drill Core	26.7	8.1	0.15	1019	0.005	1.11	<0.01	0.24	<0.5	0.09	2.6	4.0	2.78	<5	8	21041	2.644		
2694555	Drill Core	10.6	9.5	0.08	158	0.005	0.69	<0.01	0.18	<0.5	0.51	2.1	24.5	16.49	<5	24	13394	2.984		
2694556	Drill Core	30.7	9.5	0.17	1703	0.005	1.24	<0.01	0.25	<0.5	0.13	2.9	3.5	1.93	<5	6	25254	2.639		
2694557	Drill Core	8.9	9.9	0.16	158	0.004	0.62	<0.01	0.16	<0.5	0.57	2.0	34.6	19.71	<5	20	13739	3.038		
2694558	Drill Core	24.2	10.2	0.17	1955	0.007	0.71	<0.01	0.26	<0.5	0.38	2.4	2.4	2.00	<5	9	10678	2.515		
2694559	Drill Core	23.5	10.5	0.17	1270	0.006	0.83	<0.01	0.25	<0.5	0.34	2.4	3.9	2.45	<5	14	13852	2.570		
2694560	Drill Core	14.6	9.1	0.14	263	0.004	0.64	<0.01	0.21	<0.5	0.32	2.1	17.6	11.51	<5	10	13006	2.876		

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

	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
2694561	Drill Core	2.07	35.6	74.8	838.5	3778	4.6	116.5	5.1	592	17.76	99	2.3	2.2	2114	19.6	26.1	<0.5	55	3.55	0.050
2694562	Drill Core	3.83	8.5	9.5	28.5	1638	<0.5	48.3	6.7	247	2.22	6	1.9	8.8	514	9.6	1.9	<0.5	52	1.38	0.070
2694563	Rock Pulp	0.02	5.1	92.0	4.7	47	<0.5	14.3	10.0	560	3.65	<5	1.0	3.0	97	<0.5	<0.5	<0.5	104	1.15	0.057
2694564	Drill Core	2.93	8.3	10.9	36.6	1519	<0.5	52.9	7.2	366	2.99	7	2.0	8.0	556	8.8	1.7	<0.5	56	2.01	0.071
2694565	Drill Core	2.32	30.2	81.0	1423.8	11877	4.1	108.4	6.5	318	15.56	93	2.1	2.8	450	57.9	25.0	<0.5	41	0.72	0.042
2694566	Drill Core	2.21	11.2	10.2	42.8	2357	0.6	52.3	6.8	91	1.78	10	2.3	6.6	60	12.5	1.4	<0.5	62	0.36	0.082
2694567	Drill Core	4.78	29.4	46.3	895.1	8548	4.5	94.0	4.6	366	15.51	77	2.6	2.5	666	41.2	18.3	<0.5	50	1.54	0.050
2694568	Drill Core	2.97	7.4	13.6	64.0	1244	0.6	50.9	6.7	187	2.49	10	1.6	6.8	243	6.7	1.5	<0.5	49	1.01	0.072
2694569	Drill Core	2.23	18.0	37.9	345.3	5507	1.9	71.7	6.4	214	7.26	35	1.8	4.6	670	24.8	6.8	<0.5	53	0.74	0.056
2694570	Drill Core	3.74	30.3	42.1	718.9	10412	5.9	87.7	3.8	374	18.03	82	2.0	1.4	503	47.6	19.0	<0.5	49	0.93	0.035
2694571	Drill Core	2.90	22.7	12.3	45.4	4401	0.6	82.4	6.9	133	2.12	10	5.4	6.2	656	20.5	1.5	<0.5	79	0.79	0.126
2694572	Drill Core	2.92	16.6	36.2	333.1	5182	2.1	71.9	5.4	195	6.79	32	1.8	4.2	658	23.3	8.1	<0.5	51	0.73	0.057
2694573 DUP 2694572	Drill Core		16.5	33.2	333.1	5082	2.3	68.8	5.7	181	6.68	31	1.8	4.3	646	22.8	8.3	<0.5	56	0.71	0.056
2694574	Drill Core	3.60	36.6	31.6	1452.3	20813	8.2	86.2	3.4	439	19.40	99	2.7	1.2	618	96.2	23.7	<0.5	56	0.87	0.034
2694575	Drill Core	3.35	35.2	47.4	1716.5	10806	8.1	94.3	3.5	383	18.24	107	2.2	1.5	1083	52.7	28.5	<0.5	54	0.88	0.036
2694576	Drill Core	3.86	9.1	13.6	73.1	2648	0.6	54.7	6.5	104	1.92	10	2.0	7.3	243	13.3	3.0	<0.5	53	0.65	0.075
2694577	Drill Core	1.60	22.1	83.8	832.6	12127	6.3	88.5	5.2	185	11.62	84	2.3	2.9	928	68.3	36.3	<0.5	61	0.79	0.039
2694578	Drill Core	3.19	5.4	8.4	54.6	2387	0.6	23.4	1.7	130	1.30	5	1.5	0.9	4556	12.7	1.4	<0.5	37	1.19	0.029
2694579	Drill Core	3.88	36.8	32.4	223.2	7226	2.2	119.5	8.4	50	2.66	25	9.0	5.4	74	34.8	5.7	<0.5	127	0.33	0.133
2694580	Drill Core	4.52	24.3	39.3	486.8	6127	2.2	94.3	7.3	108	3.81	28	5.4	5.2	476	31.8	7.9	<0.5	75	0.71	0.100
2694581	Drill Core	3.72	17.1	54.1	955.9	8293	2.9	73.1	5.5	280	7.32	39	2.3	4.0	996	39.1	14.2	<0.5	59	1.42	0.060
2694582	Drill Core	1.89	29.8	109.7	1754.2	13264	8.0	106.6	5.2	296	13.91	89	2.4	1.6	739	72.1	32.9	<0.5	40	0.98	0.037
2694583	Rock Pulp	0.03	7.5	1867.4	13129.7	15411	60.6	14.7	18.4	1508	4.26	57	1.0	2.5	88	120.9	180.3	5.7	80	1.94	0.048
2694584	Drill Core	3.17	11.1	11.4	181.9	1621	0.8	66.5	7.2	126	1.91	10	1.9	5.8	434	8.5	2.0	<0.5	49	1.37	0.083
2694585	Drill Core	4.17	6.9	10.8	114.2	1380	<0.5	55.3	7.9	125	1.64	8	1.4	5.7	222	7.3	2.1	<0.5	41	0.85	0.072
2694586	Drill Core	4.54	8.1	15.9	261.4	1657	0.6	56.2	6.5	130	1.79	11	1.7	4.8	2538	10.0	2.2	<0.5	46	1.87	0.075
2694587	Drill Core	2.36	25.3	60.3	2964.1	38850	7.6	74.4	3.7	449	12.51	64	2.3	0.9	779	188.6	19.5	<0.5	47	1.43	0.043
2694588	Drill Core	4.29	31.2	43.4	5311.5	64058	9.8	74.3	2.6	532	15.84	75	3.0	<0.5	1444	314.0	20.6	<0.5	76	0.93	0.034
2694589	Drill Core	3.69	25.4	29.5	5141.6	46807	10.4	69.5	3.1	480	15.57	75	2.4	0.6	1547	228.5	16.8	<0.5	61	0.82	0.033
2694590	Drill Core	4.87	23.5	33.8	4323.6	36982	7.8	75.3	3.9	472	12.66	64	2.8	0.9	1881	189.5	13.1	<0.5	68	2.32	0.049

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694561	Drill Core	7.7	8.7	0.14	140	0.004	0.37	<0.01	0.17	<0.5	0.34	1.6	29.2	19.77	<5	19	8207	3.081		
2694562	Drill Core	32.3	7.9	0.45	2212	0.005	0.63	<0.01	0.29	<0.5	0.08	4.1	2.4	2.11	<5	4	9982	2.637		
2694563	Rock Pulp	7.5	19.1	0.80	130	0.177	1.92	0.24	0.25	0.6	<0.05	4.1	<0.5	<0.05	5	<2	608	I.S.		
2694564	Drill Core	28.4	8.6	0.67	1106	0.005	0.67	<0.01	0.28	<0.5	0.10	4.1	2.1	3.04	<5	6	11940	2.645		
2694565	Drill Core	11.3	8.3	0.16	143	0.004	0.68	<0.01	0.17	<0.5	0.86	2.5	39.4	17.53	<5	18	17453	3.131		
2694566	Drill Core	27.0	9.9	0.14	2700	0.006	1.54	<0.01	0.25	<0.5	0.17	3.1	2.2	1.37	<5	4	31445	2.631		
2694567	Drill Core	10.5	9.6	0.16	165	0.004	0.69	<0.01	0.15	<0.5	0.61	2.4	41.0	17.22	<5	16	27249	3.050		
2694568	Drill Core	25.4	9.0	0.38	1205	0.005	1.07	<0.01	0.23	<0.5	<0.05	3.8	4.3	2.42	<5	3	25463	2.676		
2694569	Drill Core	17.0	10.4	0.21	516	0.006	1.27	<0.01	0.21	<0.5	0.31	3.2	23.1	7.73	<5	7	39536	2.751		
2694570	Drill Core	5.6	10.6	0.15	133	0.003	0.59	<0.01	0.11	0.6	0.70	2.8	84.8	21.54	<5	12	40302	3.222		
2694571	Drill Core	25.5	10.5	0.20	1493	0.005	0.98	<0.01	0.22	<0.5	0.18	3.0	5.1	2.17	<5	8	31212	2.567		
2694572	Drill Core	16.8	9.7	0.21	410	0.005	1.46	<0.01	0.18	<0.5	0.33	4.5	27.4	7.47	<5	8	48321	2.871		
2694573 DUP 2694572	Drill Core	16.5	10.1	0.21	428	0.005	1.49	<0.01	0.19	<0.5	0.29	4.3	28.3	7.28	<5	7	47008	2.832		
2694574	Drill Core	5.1	10.9	0.13	234	0.002	0.68	<0.01	0.07	0.5	1.11	3.4	90.6	23.05	<5	17	45230	3.286		
2694575	Drill Core	7.0	10.5	0.10	138	0.004	0.60	<0.01	0.13	0.6	0.64	2.6	77.6	21.56	<5	21	26327	3.235		
2694576	Drill Core	25.5	8.2	0.22	1307	0.005	0.55	<0.01	0.26	<0.5	0.14	2.7	3.7	2.31	<5	4	8302	2.645		
2694577	Drill Core	10.1	9.9	0.17	149	0.004	0.36	<0.01	0.17	0.5	0.49	1.6	52.3	14.36	<5	16	8552	2.907		
2694578	Drill Core	1.7	6.2	0.20	4480	0.002	0.15	<0.01	0.06	<0.5	0.07	1.0	3.2	1.09	<5	5	17735	2.687		
2694579	Drill Core	4.0	13.2	0.06	934	0.006	0.58	<0.01	0.26	0.6	0.20	1.8	10.4	3.59	<5	17	5755	2.549		
2694580	Drill Core	4.3	9.9	0.14	596	0.004	0.48	<0.01	0.23	<0.5	0.15	2.3	18.8	4.73	<5	14	10634	2.665		
2694581	Drill Core	4.2	9.6	0.36	324	0.005	0.51	<0.01	0.23	<0.5	0.15	3.2	45.6	8.65	<5	9	24482	2.795		
2694582	Drill Core	3.1	7.6	0.16	143	0.003	0.32	<0.01	0.16	0.8	0.26	2.2	107.9	16.67	<5	14	28509	3.066		
2694583	Rock Pulp	7.7	22.4	1.25	249	0.135	1.56	0.18	0.19	1.1	0.50	2.8	0.7	1.86	5	6	634	I.S.		
2694584	Drill Core	4.7	7.8	0.23	2344	0.005	0.51	<0.01	0.26	<0.5	0.07	2.9	5.2	2.28	<5	4	9355	2.595		
2694585	Drill Core	3.9	7.5	0.24	1309	0.005	0.52	<0.01	0.26	<0.5	<0.05	2.8	4.3	1.97	<5	4	7457	2.678		
2694586	Drill Core	6.6	7.7	0.23	2943	0.005	0.48	<0.01	0.22	<0.5	0.10	2.6	5.3	1.14	<5	8	47606	2.586		
2694587	Drill Core	1.5	10.6	0.28	201	0.003	0.81	<0.01	0.09	<0.5	0.84	4.7	130.9	15.08	<5	13	71986	3.215		
2694588	Drill Core	1.1	14.9	0.20	300	0.003	0.48	0.01	0.06	<0.5	1.29	4.1	179.8	20.23	<5	14	73241	3.367		
2694589	Drill Core	1.2	12.7	0.21	267	0.002	0.94	<0.01	0.05	<0.5	1.14	5.6	159.4	18.98	<5	12	77600	3.335		
2694590	Drill Core	1.7	11.0	0.19	230	0.004	0.46	<0.01	0.12	0.5	0.87	4.0	152.5	15.37	<5	13	66897	3.144		

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

	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
2694591	Drill Core	2.35	12.6	14.0	1198.5	2707	0.7	68.0	6.5	89	1.54	9	2.9	4.0	1204	13.5	1.5	<0.5	58	0.78	0.076
2694592	Drill Core	3.13	18.9	33.6	2397.5	16888	3.5	83.9	6.5	222	7.09	41	2.5	2.4	794	90.5	8.1	<0.5	58	0.64	0.060
2694593 DUP 2694592	Drill Core		19.2	34.0	2400.1	17645	3.8	84.8	6.7	222	7.31	45	2.8	2.4	809	90.5	8.0	<0.5	57	0.66	0.057
2694594	Drill Core	2.96	23.7	34.6	4283.1	32421	9.2	69.5	3.9	409	12.74	72	2.7	0.8	636	175.5	15.0	<0.5	51	1.06	0.048
2694595	Drill Core	2.29	29.3	33.9	4425.0	33150	9.9	83.1	4.6	545	12.85	76	2.9	1.1	890	186.5	16.9	<0.5	62	2.24	0.052
2694596	Drill Core	3.80	25.4	42.7	7578.1	69593	12.8	74.7	3.3	535	15.89	84	2.2	0.6	1248	387.7	24.4	<0.5	51	1.25	0.033
2694597	Drill Core	2.99	16.5	24.4	3583.2	23127	4.5	67.9	4.9	611	5.87	33	2.7	2.2	1397	130.9	9.6	<0.5	60	4.33	0.069
2694598	Drill Core	2.20	22.5	36.9	5449.7	25167	6.4	87.2	5.8	282	7.98	44	3.9	2.5	860	147.0	13.9	<0.5	58	0.87	0.054
2694599	Drill Core	5.11	26.2	66.3	7197.2	46219	11.1	83.8	4.1	450	12.82	71	3.2	1.2	937	272.7	25.4	<0.5	61	1.43	0.037
2694600	Drill Core	3.20	8.1	17.8	398.3	2326	0.8	69.2	8.1	82	1.67	10	1.8	5.2	330	13.5	2.9	<0.5	44	0.47	0.063
2694701	Drill Core	4.26	7.2	12.4	419.0	1540	<0.5	62.8	7.9	160	1.64	8	1.6	5.0	803	9.2	2.0	<0.5	49	1.62	0.063
2694702	Drill Core	4.42	9.4	13.7	491.3	2120	0.6	65.0	7.8	129	1.63	11	1.9	5.0	517	12.3	2.6	<0.5	57	0.93	0.066
2694703	Rock Pulp	0.02	4.6	89.1	5.0	44	<0.5	15.0	8.7	546	3.48	<5	0.9	2.9	92	<0.5	<0.5	<0.5	99	1.11	0.056
2694704	Drill Core	3.93	20.4	71.8	3791.7	27158	9.9	77.2	4.4	393	10.77	57	2.2	1.5	1149	158.6	22.2	<0.5	49	1.65	0.041
2694705	Drill Core	4.15	20.2	47.3	19037.8	101784	13.1	58.6	3.4	473	10.00	33	3.1	0.6	1245	624.3	20.3	<0.5	57	3.53	0.051
2694706	Drill Core	4.78	15.2	43.6	19034.0	99116	11.8	54.1	3.9	324	8.20	28	2.5	0.8	1358	582.7	16.9	0.7	54	1.25	0.039
2694707	Drill Core	3.64	25.0	70.2	16908.8	94422	20.0	73.9	3.5	525	11.93	48	3.8	0.6	832	575.6	31.8	<0.5	55	1.21	0.039
2694708	Drill Core	3.21	10.4	22.8	1469.3	2198	1.3	66.8	7.1	79	1.64	11	2.4	3.9	582	15.2	3.4	<0.5	59	0.42	0.065
2694709	Drill Core	4.26	23.0	68.4	28385.9	128208	22.2	58.1	2.8	463	11.03	39	3.6	<0.5	876	907.3	33.7	<0.5	53	1.44	0.043
2694710	Drill Core	4.67	17.8	58.9	21241.9	111730	17.6	53.5	3.4	526	9.26	29	2.9	0.5	915	734.7	26.0	<0.5	49	1.45	0.037
2694711	Drill Core	3.89	19.6	46.4	12128.7	45728	11.3	69.9	5.6	301	6.75	25	4.4	1.6	862	292.5	18.7	<0.5	65	0.82	0.055
2694712	Drill Core	1.52	21.4	60.3	17921.5	78562	16.2	61.4	4.0	353	8.50	33	3.4	0.9	1072	494.5	28.9	<0.5	55	1.25	0.045
2694713 DUP 2694712	Drill Core		22.4	60.8	17589.4	75887	16.4	67.1	4.3	338	8.42	37	3.5	1.0	1096	506.1	28.4	<0.5	52	1.26	0.047
2694714	Drill Core	2.94	15.9	50.0	27244.8	127808	17.5	41.2	2.8	356	7.89	20	3.6	<0.5	1373	824.0	29.3	<0.5	58	1.62	0.038
2694715	Drill Core	2.75	18.8	54.0	22291.3	105888	16.1	53.9	4.2	336	7.33	23	3.3	0.9	1077	689.1	25.9	<0.5	67	0.92	0.038
2694716	Drill Core	2.52	24.4	66.1	30811.2	112240	22.4	55.5	3.0	468	10.11	33	4.3	0.5	1687	711.9	36.4	<0.5	62	2.08	0.034
2694717	Drill Core	3.79	16.4	54.4	21766.4	95911	16.3	50.5	4.1	348	7.85	28	2.9	0.7	978	579.8	23.1	<0.5	48	1.17	0.037
2694718	Drill Core	4.59	22.2	63.1	36214.6	158490	27.5	49.4	2.4	532	9.74	33	3.5	<0.5	725	1070.5	30.9	<0.5	43	1.08	0.032
2694719	Drill Core	5.67	19.7	58.7	30015.8	141836	30.1	50.2	2.2	607	11.62	46	2.9	<0.5	516	880.6	19.6	<0.5	41	0.66	0.029
2694720	Drill Core	5.53	11.6	55.0	32236.4	169701	25.0	33.5	1.5	649	10.96	33	1.8	<0.5	729	1067.0	16.0	<0.5	25	2.09	0.024

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Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694591	Drill Core	3.1	7.1	0.19	2693	0.004	0.54	<0.01	0.19	<0.5	0.05	3.7	5.9	1.35	<5	7	39379	2.667		
2694592	Drill Core	2.0	8.7	0.17	476	0.005	0.62	<0.01	0.20	0.6	0.39	3.3	73.0	8.89	<5	14	41200	2.884		
2694593 DUP 2694592	Drill Core	2.1	8.9	0.17	229	0.005	0.64	<0.01	0.20	<0.5	0.40	3.8	73.4	9.05	<5	12	41186	2.880		
2694594	Drill Core	1.2	9.1	0.20	207	0.003	0.61	<0.01	0.12	<0.5	0.77	3.6	145.0	15.80	<5	14	52095	3.094		
2694595	Drill Core	1.2	11.0	0.23	187	0.004	0.80	<0.01	0.11	<0.5	0.79	4.2	160.7	16.01	<5	15	51345	3.164		
2694596	Drill Core	1.3	10.7	0.28	164	0.002	0.33	<0.01	0.07	<0.5	1.44	2.7	220.8	20.99	<5	18	56813	3.341		
2694597	Drill Core	2.7	7.8	0.24	401	0.004	0.46	<0.01	0.16	<0.5	0.46	3.1	72.6	7.12	<5	12	54613	2.869		
2694598	Drill Core	1.9	7.6	0.19	308	0.004	0.56	<0.01	0.17	<0.5	0.66	3.5	98.6	10.20	<5	15	36825	2.909		
2694599	Drill Core	1.6	8.5	0.18	200	0.004	0.36	<0.01	0.17	<0.5	1.06	2.3	184.8	16.54	<5	21	39697	3.119		
2694600	Drill Core	3.2	6.3	0.17	2147	0.004	0.47	<0.01	0.25	<0.5	0.09	2.0	7.8	2.07	<5	7	9800	2.648		
2694701	Drill Core	4.1	7.3	0.27	2097	0.005	0.56	<0.01	0.27	<0.5	0.07	3.1	6.4	1.70	<5	6	18950	2.674		
2694702	Drill Core	3.3	7.8	0.22	1680	0.004	0.54	<0.01	0.27	<0.5	<0.05	3.0	7.9	1.85	<5	7	12252	2.641		
2694703	Rock Pulp	7.5	18.0	0.77	131	0.168	1.83	0.22	0.22	0.7	<0.05	3.4	<0.5	<0.05	5	<2	587	I.S.		
2694704	Drill Core	2.2	7.7	0.28	220	0.004	0.34	<0.01	0.17	0.5	0.63	2.3	127.0	13.42	<5	15	43027	3.031		
2694705	Drill Core	1.0	8.8	0.18	122	0.003	0.30	<0.01	0.09	<0.5	2.45	2.8	184.7	15.86	<5	19	63145	3.261		
2694706	Drill Core	1.3	8.0	0.26	127	0.003	0.42	<0.01	0.12	<0.5	2.35	3.4	162.4	14.04	<5	13	83599	3.259		
2694707	Drill Core	1.0	6.9	0.17	107	0.004	0.28	<0.01	0.11	0.5	2.61	2.7	235.8	18.40	6	25	45897	3.238		
2694708	Drill Core	1.9	7.8	0.26	1761	0.006	0.62	<0.01	0.26	<0.5	0.09	5.0	13.6	1.45	<5	8	32870	2.652		
2694709	Drill Core	1.1	7.4	0.21	89	0.004	0.22	<0.01	0.10	0.5	3.85	2.1	246.6	19.28	6	23	70417	3.363		
2694710	Drill Core	1.1	7.5	0.15	107	0.004	0.25	<0.01	0.12	<0.5	2.80	2.3	211.6	16.14	5	20	70747	3.234		
2694711	Drill Core	1.4	7.2	0.18	167	0.005	0.36	<0.01	0.17	<0.5	1.26	2.9	137.0	10.09	<5	20	57546	2.810		
2694712	Drill Core	1.6	6.1	0.17	150	0.005	0.27	<0.01	0.13	<0.5	2.14	2.7	188.9	13.64	<5	30	55366	3.110		
2694713 DUP 2694712	Drill Core	1.5	6.2	0.19	138	0.004	0.28	<0.01	0.12	<0.5	2.06	2.6	190.7	13.57	<5	32	55683	3.102		
2694714	Drill Core	1.9	5.6	0.18	113	0.003	0.20	<0.01	0.09	<0.5	3.43	2.1	210.4	15.01	<5	24	97859	3.383		
2694715	Drill Core	1.4	7.8	0.16	134	0.004	0.32	<0.01	0.16	<0.5	2.96	2.6	200.6	13.86	<5	27	69810	3.190		
2694716	Drill Core	0.7	5.5	0.13	89	0.002	0.16	<0.01	0.09	<0.5	3.02	1.8	264.3	17.21	5	33	86951	3.333		
2694717	Drill Core	1.0	5.9	0.16	121	0.002	0.25	<0.01	0.13	<0.5	2.81	2.2	197.4	13.98	<5	23	73826	3.215		
2694718	Drill Core	0.7	5.8	0.12	83	0.002	0.15	<0.01	0.07	0.5	5.07	1.6	310.7	19.62	5	23	78996	3.509		
2694719	Drill Core	0.6	6.6	0.12	68	0.002	0.14	<0.01	0.08	<0.5	4.90	1.6	337.6	20.81	<5	13	80087	3.570		
2694720	Drill Core	0.6	4.9	0.21	69	0.001	0.11	<0.01	0.06	<0.5	5.09	1.3	287.1	20.98	<5	11	104695	3.758		

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2694721	Drill Core	3.74	17.0	52.2	17121.4	58002	13.9	72.3	6.1	246	6.24	29	3.3	1.9	458	430.2	12.2	<0.5	50	0.57	0.059
2694722	Drill Core	2.77	24.0	53.9	19680.5	78552	16.3	71.1	4.9	425	7.06	32	4.5	1.1	595	554.2	15.2	<0.5	62	1.56	0.052
2694723	Rock Pulp	0.02	10.9	5499.0	22904.3	26105	85.4	12.0	13.6	2290	3.20	37	<0.5	0.9	95	173.7	240.4	3.1	24	2.92	0.046
2694724	Drill Core	5.31	17.3	64.8	>40000	182065	23.8	44.3	2.6	399	9.23	33	2.7	<0.5	561	1182.9	20.8	<0.5	36	1.14	0.033
2694725	Drill Core	2.94	14.3	64.7	>40000	193763	23.6	39.3	2.3	708	9.68	32	2.3	<0.5	619	1239.1	20.7	<0.5	30	1.98	0.028
2694726	Drill Core	2.70	17.5	58.2	18144.0	100380	18.2	57.7	3.9	529	8.95	42	2.5	1.0	383	606.9	14.0	<0.5	47	0.96	0.044
2694727	Drill Core	1.59	5.0	5.5	2988.1	3054	1.3	24.9	1.8	117	1.18	6	1.3	0.9	1020	19.5	1.7	<0.5	35	1.08	0.056
2694728	Drill Core	2.85	32.0	34.6	3453.1	11685	5.8	129.3	8.3	148	4.12	46	7.1	4.3	256	74.5	7.6	<0.5	159	0.66	0.218
2694729	Drill Core	3.44	23.2	59.7	20663.1	81440	29.9	62.0	3.3	579	14.59	70	3.8	1.2	621	528.5	20.4	<0.5	48	1.04	0.042
2694730	Drill Core	4.80	23.2	49.2	16381.8	62571	29.4	70.2	4.2	491	14.43	69	3.7	1.1	259	400.3	16.9	<0.5	51	0.69	0.042
2694731	Drill Core	4.36	21.2	44.7	15562.5	61054	24.5	65.4	4.1	477	11.82	55	3.6	1.1	398	428.3	13.5	<0.5	46	1.02	0.053
2694732	Drill Core	2.94	20.2	49.9	17898.2	92609	21.2	66.7	4.0	575	10.26	47	3.4	1.2	340	632.6	13.4	<0.5	50	0.91	0.053
2694733 DUP 2694732	Drill Core		19.1	50.5	17582.5	91708	21.0	61.1	4.1	566	10.13	45	3.3	1.2	329	612.4	13.0	<0.5	50	0.90	0.049
2694734	Drill Core	5.14	18.6	59.9	37158.7	166472	31.1	44.4	1.7	947	13.91	54	2.9	<0.5	408	1065.1	18.4	<0.5	33	1.71	0.026
2694735	Drill Core	3.25	29.9	48.7	12841.4	60297	16.8	87.6	7.0	724	8.77	44	4.6	6.5	366	376.0	9.4	<0.5	73	1.50	0.115
2694736	Drill Core	3.58	23.4	55.1	31297.5	111940	30.8	54.6	2.6	711	14.82	55	4.5	0.5	378	768.6	17.3	<0.5	46	0.88	0.034
2694737	Drill Core	4.17	22.6	59.3	33684.1	155184	34.4	45.5	2.5	850	14.43	54	4.0	<0.5	411	1143.2	16.7	<0.5	35	1.13	0.031
2694738	Drill Core	4.14	21.4	46.6	22055.6	81640	25.3	62.1	4.4	630	11.84	50	3.4	1.0	619	529.4	10.2	<0.5	51	1.31	0.050
2694739	Drill Core	2.96	22.2	54.8	35027.2	152876	36.6	53.0	2.8	808	15.65	61	3.3	<0.5	432	1040.3	15.7	<0.5	34	1.04	0.033
2694740	Drill Core	3.58	23.7	60.0	30166.6	101790	38.0	64.3	3.2	571	17.96	83	3.0	0.9	353	680.7	15.0	<0.5	41	0.76	0.038
2694741	Drill Core	5.90	9.7	38.1	>40000	>200000	23.7	19.6	0.9	494	9.64	32	1.8	<0.5	621	1831.5	9.6	<0.5	15	1.06	0.021
2694742	Drill Core	5.31	13.7	57.0	>40000	194128	26.2	37.2	2.2	551	9.88	32	2.2	<0.5	889	1169.2	9.4	<0.5	30	1.23	0.032
2694743	Rock Pulp	0.03	5.7	99.8	9.7	59	<0.5	15.4	9.9	569	3.51	<5	0.8	2.6	102	<0.5	<0.5	<0.5	95	1.13	0.053
2694744	Drill Core	6.18	12.8	48.9	33342.1	187342	27.5	33.9	2.0	562	9.22	28	2.0	<0.5	924	1039.5	7.3	<0.5	32	1.44	0.028
2694745	Drill Core	2.74	19.0	56.4	>40000	161464	35.6	50.5	2.5	595	10.08	36	3.5	0.6	584	1010.8	11.4	<0.5	37	0.77	0.039
2694746	Drill Core	5.81	12.8	63.1	>40000	>200000	38.0	40.3	2.2	745	10.02	34	2.5	<0.5	588	1324.6	14.1	<0.5	31	1.23	0.030
2694747	Drill Core	1.80	22.8	20.8	7398.8	18103	5.5	89.5	7.9	140	2.37	12	5.9	5.1	295	113.8	3.0	<0.5	83	0.50	0.094
2694748	Drill Core	3.21	18.3	71.0	>40000	175032	51.5	44.6	1.9	928	13.91	58	2.4	<0.5	430	1185.2	22.1	<0.5	26	1.33	0.028
2694749	Drill Core	1.37	23.2	50.3	13431.7	35926	25.1	75.9	5.5	442	9.29	51	3.4	2.6	404	227.9	7.5	<0.5	55	0.88	0.063
2694750	Drill Core	6.26	16.3	53.5	>40000	>200000	40.2	32.7	1.3	631	10.81	40	2.9	<0.5	524	1334.5	12.1	<0.5	28	1.19	0.033

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694721	Drill Core	1.4	6.7	0.14	163	0.004	0.40	<0.01	0.20	<0.5	1.70	2.1	151.4	10.47	<5	14	26532	2.976		
2694722	Drill Core	1.2	7.4	0.13	149	0.004	0.30	<0.01	0.16	<0.5	2.30	2.0	196.2	12.34	<5	17	39161	3.022		
2694723	Rock Pulp	2.9	26.1	0.62	87	0.059	0.84	0.03	0.19	3.9	0.32	1.3	<0.5	2.87	<5	3	405	I.S.		
2694724	Drill Core	0.8	6.8	0.13	96	0.003	0.15	<0.01	0.07	<0.5	5.83	1.7	301.0	20.51	5	16	74636	3.589	4.93	18.59
2694725	Drill Core	0.8	5.7	0.30	78	0.002	0.12	<0.01	0.06	<0.5	6.03	1.8	319.7	20.82	7	12	81545	3.635	4.56	20.40
2694726	Drill Core	0.9	6.7	0.14	134	0.004	0.38	<0.01	0.19	<0.5	2.93	1.4	250.1	15.35	<5	15	28556	3.156		
2694727	Drill Core	1.2	5.6	0.07	3961	0.003	0.17	<0.01	0.08	<0.5	0.08	0.7	8.2	0.71	<5	3	29478	2.721		
2694728	Drill Core	1.5	20.5	0.12	455	0.008	0.57	<0.01	0.31	<0.5	0.41	2.6	57.1	5.36	<5	18	8856	2.665		
2694729	Drill Core	1.0	7.0	0.10	100	0.004	0.29	<0.01	0.16	<0.5	3.05	1.4	369.2	21.87	<5	20	21825	3.336		
2694730	Drill Core	1.0	8.3	0.13	98	0.005	0.36	<0.01	0.19	0.5	2.41	1.6	342.0	20.66	<5	14	22254	3.253		
2694731	Drill Core	1.2	8.3	0.17	131	0.004	0.35	<0.01	0.19	<0.5	2.39	2.3	296.2	17.21	<5	13	34036	3.162		
2694732	Drill Core	1.0	8.8	0.14	134	0.005	0.33	<0.01	0.17	<0.5	3.58	2.1	285.5	16.68	<5	10	28764	3.174		
2694733 DUP 2694732	Drill Core	1.0	7.7	0.13	135	0.004	0.32	<0.01	0.18	<0.5	3.48	1.4	283.4	16.83	<5	11	28722	3.157		
2694734	Drill Core	0.8	6.7	0.20	70	0.001	0.12	<0.01	0.06	<0.5	6.17	1.2	397.9	24.60	6	13	58324	3.751		
2694735	Drill Core	5.0	11.5	0.24	149	0.006	0.43	<0.01	0.22	0.5	2.13	2.2	221.0	13.55	<5	11	27339	3.000		
2694736	Drill Core	0.6	6.9	0.12	77	0.004	0.25	<0.01	0.14	<0.5	4.32	1.5	360.3	23.65	<5	14	30864	3.522		
2694737	Drill Core	0.7	6.4	0.15	63	0.003	0.17	<0.01	0.10	<0.5	6.30	1.6	403.7	25.20	<5	11	46011	3.580		
2694738	Drill Core	1.1	9.4	0.16	107	0.005	0.37	<0.01	0.20	<0.5	3.14	1.5	309.9	18.21	<5	11	36492	3.178		
2694739	Drill Core	0.6	7.0	0.10	66	0.003	0.18	<0.01	0.09	<0.5	5.50	1.4	430.4	26.63	5	15	30378	3.585		
2694740	Drill Core	0.8	7.1	0.09	69	0.004	0.25	<0.01	0.14	<0.5	3.26	1.2	457.9	27.64	<5	15	13949	3.510		
2694741	Drill Core	0.8	3.6	0.11	63	0.001	0.05	<0.01	0.02	<0.5	8.36	<0.5	323.7	25.54	6	6	114659	3.998	4.49	25.96
2694742	Drill Core	0.9	5.9	0.21	75	0.002	0.18	<0.01	0.08	<0.5	7.05	0.9	309.7	22.12	<5	8	101262	3.736	5.24	19.77
2694743	Rock Pulp	7.2	19.0	0.80	140	0.173	1.93	0.23	0.22	0.5	<0.05	3.8	<0.5	<0.05	6	<2	626	I.S.		
2694744	Drill Core	0.7	5.3	0.15	73	0.003	0.18	<0.01	0.09	<0.5	7.00	1.1	316.4	20.51	<5	9	98116	3.669		
2694745	Drill Core	0.7	7.0	0.14	76	0.004	0.20	<0.01	0.11	<0.5	7.30	1.5	342.7	20.76	<5	12	76069	3.610	4.58	16.55
2694746	Drill Core	0.7	6.3	0.14	76	0.003	0.15	<0.01	0.09	<0.5	9.35	1.4	403.4	22.46	6	11	70027	3.642	4.75	21.49
2694747	Drill Core	2.1	9.9	0.11	576	0.006	0.53	<0.01	0.30	<0.5	0.73	2.2	47.5	3.64	<5	5	15814	2.704		
2694748	Drill Core	0.6	6.1	0.14	72	0.003	0.14	<0.01	0.07	0.5	6.22	0.9	480.7	25.82	<5	15	41696	3.765	5.97	17.76
2694749	Drill Core	1.8	8.3	0.19	133	0.005	0.39	<0.01	0.22	<0.5	1.23	2.3	232.7	13.05	<5	10	25238	3.020		
2694750	Drill Core	0.7	4.3	0.17	59	0.002	0.11	<0.01	0.06	<0.5	8.55	0.8	431.5	26.12	<5	11	78330	3.943	5.86	25.92

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2694751	Drill Core	2.01	21.9	76.5	29527.1	164947	43.2	58.0	3.0	425	14.26	59	3.8	0.8	462	1009.5	11.6	<0.5	39	0.72	0.048
2694752	Drill Core	1.73	13.9	38.6	6151.6	84045	15.5	63.7	5.9	192	5.30	25	3.3	2.7	766	480.2	3.6	<0.5	53	0.66	0.059
2694753 DUP 2694752	Drill Core		14.2	36.1	6400.1	84633	14.5	59.6	5.9	199	5.33	24	2.9	2.6	720	447.3	3.5	<0.5	47	0.66	0.055
2694754	Drill Core	4.77	7.6	47.9	>40000	>200000	39.0	21.1	0.6	491	9.85	23	1.6	<0.5	499	1560.7	9.9	<0.5	14	1.25	0.025
2694755	Drill Core	2.93	11.8	37.3	31372.5	162383	33.8	38.8	2.1	316	9.82	24	2.0	0.5	881	917.9	7.2	<0.5	24	0.58	0.026
2694756	Drill Core	5.69	6.1	39.6	35983.2	190505	32.7	20.3	0.7	563	9.15	20	1.4	<0.5	1114	1228.8	4.6	<0.5	17	2.02	0.020
2694757	Drill Core	5.57	6.3	47.8	>40000	188245	40.6	20.9	0.9	308	8.30	24	0.9	<0.5	500	1339.2	9.7	<0.5	14	1.18	0.015
2694758	Drill Core	2.41	28.2	51.9	2079.1	1103	21.5	103.2	6.2	127	7.30	69	2.8	3.2	282	7.5	8.3	<0.5	85	0.35	0.060
2694759	Drill Core	2.82	9.8	63.5	>40000	>200000	48.3	32.9	2.2	216	8.23	34	2.2	<0.5	641	1563.2	21.3	0.7	21	0.69	0.024
2694760	Drill Core	1.86	4.6	51.0	>40000	86377	23.6	22.5	2.0	79	5.02	20	0.9	<0.5	1388	726.0	7.0	<0.5	25	0.24	0.013
2694761	Drill Core	5.48	2.4	52.7	>40000	67869	24.8	9.5	<0.5	155	3.79	12	<0.5	<0.5	2334	588.9	11.1	<0.5	<10	0.48	0.004
2694762	Drill Core	3.37	15.7	23.6	658.2	3508	3.0	71.1	6.3	267	1.96	13	3.5	4.7	250	29.6	6.4	<0.5	75	1.14	0.061
2694763	Rock Pulp	0.02	7.9	1902.7	13101.3	15762	60.8	15.8	18.4	1460	4.08	58	0.9	2.6	87	117.6	164.0	4.5	74	2.01	0.056
2694764	Drill Core	3.75	20.2	23.3	403.4	3964	2.6	90.6	8.5	184	1.83	11	4.0	6.7	199	31.1	5.9	<0.5	72	0.95	0.075
2694765	Drill Core	3.75	17.8	29.5	160.1	1773	2.2	84.5	7.6	277	2.08	11	3.7	6.3	240	15.6	5.5	<0.5	78	1.57	0.079
2694766	Drill Core	3.71	15.7	24.8	101.3	85	2.7	180.1	8.1	289	1.68	11	3.1	5.2	682	0.5	4.7	<0.5	191	2.76	0.071
2694767	Drill Core	3.49	10.3	15.6	106.8	87	1.7	222.4	6.5	303	1.30	6	2.2	3.4	700	0.5	2.9	<0.5	266	2.89	0.050
2694768	Drill Core	1.73	15.8	12.9	149.4	274	1.8	146.1	7.9	409	1.78	8	3.1	5.7	694	1.7	2.8	<0.5	107	2.69	0.074
2694769	Drill Core	4.40	12.0	17.3	128.8	133	2.0	151.3	6.1	363	1.62	9	2.3	4.1	1157	0.7	3.5	<0.5	185	3.22	0.049
2694770	Drill Core	1.56	6.3	14.1	80.5	136	0.8	210.7	4.5	412	0.83	<5	1.7	1.5	1379	0.8	1.8	<0.5	301	5.96	0.013
2694771	Drill Core	1.54	5.7	8.5	84.3	113	0.8	287.8	5.3	452	0.85	<5	1.7	1.9	1379	0.8	1.6	<0.5	560	6.26	0.025
2694772	Drill Core	3.18	8.0	13.3	122.8	73	1.2	146.8	5.9	589	1.74	8	2.2	3.5	775	<0.5	3.0	<0.5	280	4.56	0.046
2694773 DUP 2694772	Drill Core		9.0	14.9	127.8	75	1.2	158.5	6.2	593	1.72	8	2.3	3.7	832	<0.5	2.9	<0.5	278	4.55	0.049
2694774	Drill Core	2.59	1.9	2.4	143.5	202	0.5	417.7	4.7	331	0.33	<5	0.7	<0.5	1561	1.0	0.7	<0.5	721	6.88	0.003
2694775	Drill Core	2.92	23.1	47.6	541.8	20	8.1	104.5	6.2	498	3.95	29	3.6	3.9	449	<0.5	26.9	<0.5	125	2.57	0.052
2694776	Drill Core	2.88	23.2	96.4	10213.1	81507	30.5	75.0	4.3	823	8.35	40	3.8	1.0	659	510.9	57.7	<0.5	86	2.37	0.041
2694777	Drill Core	2.66	18.5	47.9	815.3	938	9.2	85.6	6.7	361	3.61	26	3.2	4.7	301	5.5	23.9	<0.5	75	1.54	0.061
2694778	Drill Core	5.24	14.3	62.9	23675.5	159997	37.7	47.7	2.9	887	8.46	29	2.4	0.6	602	927.4	59.8	<0.5	46	2.83	0.034
2694779	Drill Core	3.92	22.0	50.7	1679.0	13766	13.7	81.5	5.5	578	4.81	35	3.8	2.8	805	93.6	30.7	<0.5	67	4.32	0.044
2694780	Drill Core	2.22	8.2	59.4	32375.5	>200000	45.5	34.9	2.3	670	7.83	21	2.1	<0.5	341	1187.9	51.8	<0.5	46	2.43	0.013

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694751	Drill Core	0.9	6.6	0.09	62	0.004	0.22	<0.01	0.11	0.5	5.00	0.8	496.3	25.76	<5	13	42280	3.608		
2694752	Drill Core	2.8	9.3	0.12	174	0.005	0.45	<0.01	0.25	<0.5	2.46	1.9	178.2	10.57	<5	7	29791	2.967		
2694753 DUP 2694752	Drill Core	2.5	7.4	0.12	168	0.004	0.38	<0.01	0.22	<0.5	2.50	1.3	179.9	10.62	<5	5	29912	2.973		
2694754	Drill Core	0.7	3.4	0.07	58	0.002	0.04	<0.01	0.02	<0.5	8.13	1.0	381.3	26.58	<5	6	123616	4.135	5.74	26.47
2694755	Drill Core	1.1	5.7	0.05	79	0.003	0.16	<0.01	0.09	<0.5	4.99	1.0	295.1	20.39	<5	9	121327	3.663		
2694756	Drill Core	1.6	3.1	0.06	77	0.001	0.06	<0.01	0.03	<0.5	6.70	<0.5	274.5	20.91	<5	6	172103	4.018		
2694757	Drill Core	0.9	3.3	0.07	71	0.001	0.07	<0.01	0.03	<0.5	7.41	0.7	248.6	20.16	<5	10	188202	4.071	5.63	19.21
2694758	Drill Core	3.8	10.2	0.13	210	0.005	0.46	<0.01	0.23	<0.5	0.16	3.8	142.0	8.82	<5	13	24566	2.841		
2694759	Drill Core	1.2	3.8	0.09	73	0.001	0.13	<0.01	0.08	<0.5	9.17	1.1	269.0	21.17	<5	14	108573	1.887	6.34	20.89
2694760	Drill Core	1.4	3.8	0.05	131	0.001	0.15	<0.01	0.08	<0.5	4.78	0.9	109.7	11.17	<5	5	251948	3.798	4.29	8.75
2694761	Drill Core	0.9	0.8	0.05	175	<0.001	0.02	<0.01	0.01	<0.5	4.53	<0.5	73.5	8.30	<5	2	381980	4.366	4.60	7.37
2694762	Drill Core	8.1	8.5	0.35	1044	0.006	0.49	<0.01	0.29	<0.5	0.20	2.9	16.2	2.18	<5	8	14379	2.672		
2694763	Rock Pulp	7.2	23.8	1.29	237	0.137	1.65	0.19	0.20	1.3	0.50	3.0	1.6	1.77	<5	2	651	I.S.		
2694764	Drill Core	9.6	8.2	0.31	969	0.005	0.54	<0.01	0.31	<0.5	0.24	4.0	13.0	2.22	<5	6	11784	2.585		
2694765	Drill Core	10.2	8.8	0.38	1303	0.005	0.57	<0.01	0.32	<0.5	0.11	4.0	12.5	2.32	<5	10	8621	2.619		
2694766	Drill Core	6.1	6.2	0.37	1902	0.003	0.36	<0.01	0.20	<0.5	0.12	2.2	10.1	1.43	<5	6	25074	2.350		
2694767	Drill Core	4.6	4.6	0.28	2051	0.003	0.27	<0.01	0.16	<0.5	<0.05	2.4	6.5	1.03	<5	6	18382	2.180		
2694768	Drill Core	8.8	5.3	0.46	1549	0.004	0.38	<0.01	0.21	<0.5	0.09	3.7	8.8	1.89	<5	5	9144	2.393		
2694769	Drill Core	9.3	5.6	0.39	2103	0.003	0.35	<0.01	0.20	<0.5	<0.05	3.2	8.6	1.13	<5	7	35714	2.395		
2694770	Drill Core	4.3	3.1	0.38	34585	0.002	0.17	<0.01	0.09	<0.5	0.06	1.8	4.2	0.22	<5	3	86216	2.194		
2694771	Drill Core	4.6	3.4	0.19	24514	0.002	0.19	<0.01	0.10	<0.5	0.08	1.7	3.4	0.19	<5	4	69933	2.034		
2694772	Drill Core	8.0	5.0	0.59	1880	0.003	0.30	<0.01	0.16	<0.5	0.07	2.8	6.2	1.11	<5	5	39067	2.349		
2694773 DUP 2694772	Drill Core	8.1	4.4	0.60	2089	0.003	0.30	<0.01	0.15	<0.5	0.07	2.8	6.3	1.11	<5	4	39010	2.327		
2694774	Drill Core	1.6	1.4	0.08	66584	<0.001	0.10	<0.01	0.06	<0.5	0.06	0.7	1.7	0.19	<5	4	116403	1.997		
2694775	Drill Core	9.8	10.1	0.13	788	0.005	0.51	<0.01	0.29	0.5	0.06	1.7	48.2	4.13	<5	21	30177	2.631		
2694776	Drill Core	3.9	9.1	0.19	248	0.005	0.42	<0.01	0.22	<0.5	3.90	2.2	201.2	14.23	5	39	54150	3.058		
2694777	Drill Core	11.1	7.8	0.23	789	0.004	0.45	<0.01	0.26	<0.5	0.13	2.4	53.2	4.10	<5	20	21825	2.682		
2694778	Drill Core	2.6	4.8	0.20	241	0.003	0.26	<0.01	0.12	<0.5	7.26	2.0	252.9	18.31	7	30	62377	3.309		
2694779	Drill Core	8.7	5.7	0.14	677	0.004	0.35	<0.01	0.20	<0.5	0.78	2.0	104.5	5.35	<5	29	57937	2.834		
2694780	Drill Core	2.1	4.6	0.27	451	0.002	0.21	<0.01	0.09	<0.5	7.97	2.3	246.3	19.37	8	28	71288	3.485	3.56	21.86

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

	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
2694781	Drill Core	3.44	11.5	51.5	28953.4	147035	36.4	30.3	2.0	509	7.13	22	1.7	<0.5	482	965.8	42.7	<0.5	30	2.28	0.013
2694782	Drill Core	2.96	16.3	15.6	351.6	221	1.2	80.2	6.4	83	1.58	9	3.6	4.2	221	0.9	4.5	<0.5	93	0.36	0.059
2694783	Rock Pulp	0.02	5.0	93.5	6.0	49	<0.5	14.0	9.4	531	3.36	<5	1.0	3.0	87	<0.5	<0.5	<0.5	93	1.16	0.053
2694784	Drill Core	5.04	19.9	52.9	9193.3	60748	22.2	85.6	5.7	416	7.04	27	3.7	2.0	276	403.4	32.7	<0.5	87	1.06	0.046
2694785	Drill Core	3.00	11.9	31.0	21457.9	70061	17.7	39.4	3.4	266	4.00	13	2.4	1.8	893	583.3	22.3	<0.5	56	1.61	0.029
2694786	Drill Core	4.19	12.3	81.0	39252.6	>200000	47.9	36.9	2.1	438	9.89	24	2.3	<0.5	167	1564.9	51.7	<0.5	51	1.19	0.033
2694787	Drill Core	4.99	4.4	24.7	28120.4	71274	17.1	17.9	1.1	369	3.57	7	1.0	<0.5	1684	606.0	21.8	<0.5	28	1.52	0.011
2694788	Drill Core	5.13	6.8	52.7	30648.1	124631	33.0	28.0	1.8	411	7.01	14	2.1	<0.5	617	877.4	35.1	<0.5	35	1.42	0.028
2694789	Drill Core	3.05	14.5	18.3	579.7	205	2.2	75.5	7.4	112	1.86	10	3.6	5.0	287	1.4	6.1	<0.5	97	0.59	0.063
2694790	Drill Core	3.18	21.7	83.8	14664.6	145195	37.8	62.0	4.5	367	9.69	35	2.8	1.0	223	926.8	46.2	<0.5	75	0.97	0.033
2694791	Drill Core	2.91	5.4	56.4	32689.8	>200000	40.2	18.0	1.3	834	7.14	12	1.5	<0.5	608	1377.0	46.7	<0.5	34	3.25	0.023
2694792	Drill Core	2.93	21.1	59.8	4056.7	49641	18.4	68.2	5.4	313	6.18	30	4.6	2.6	377	319.5	28.7	<0.5	75	0.97	0.050
2694793 DUP 2694792	Drill Core		20.9	62.3	4081.3	50034	19.9	70.4	5.3	323	6.21	28	4.8	2.7	413	342.1	29.1	<0.5	86	0.98	0.049
2694794	Drill Core	4.26	11.6	11.9	272.0	217	1.1	60.4	7.0	81	1.45	8	3.8	5.0	294	1.3	3.8	<0.5	77	0.40	0.060
2694795	Drill Core	2.80	24.2	77.0	1094.2	42058	13.9	87.1	6.3	333	5.52	31	6.0	2.9	1235	319.8	25.0	<0.5	110	1.14	0.063
2694796	Drill Core	5.22	7.7	91.9	3705.1	156008	23.8	22.4	1.4	721	7.05	20	1.5	<0.5	816	1147.0	26.6	<0.5	30	3.75	0.017
2694797	Drill Core	5.72	2.5	68.3	1373.4	66263	9.5	23.9	2.1	280	3.53	6	0.5	<0.5	1562	580.5	11.2	<0.5	19	1.25	0.004
2694798	Drill Core	2.70	14.6	21.3	1333.3	1362	2.6	59.0	4.8	131	1.59	6	2.5	3.2	1206	12.1	5.8	<0.5	66	1.48	0.041
2694799	Drill Core	4.05	16.2	21.0	155.9	95	1.4	78.5	6.7	139	1.56	9	3.4	5.2	1102	0.8	4.8	<0.5	105	0.89	0.065
2694800	Drill Core	4.11	11.7	46.9	108.4	32	2.3	60.5	5.5	198	2.01	11	2.8	5.3	2051	<0.5	5.6	<0.5	93	1.41	0.063
2694801	Drill Core	3.46	12.9	52.7	113.7	23	1.8	62.0	5.4	176	1.69	10	2.7	5.2	3370	<0.5	5.6	<0.5	113	1.42	0.049
2694802	Drill Core	2.11	13.4	32.6	93.9	15	1.7	71.1	6.4	186	1.73	8	3.0	5.5	1964	<0.5	5.9	<0.5	115	1.30	0.058
2694803	Rock Pulp	0.02	10.6	5389.8	22777.2	25214	83.2	12.2	15.8	2289	3.15	37	<0.5	1.0	79	168.7	244.7	3.6	22	2.93	0.043
2694804	Drill Core	3.69	8.5	116.2	273.3	35	1.0	40.0	2.9	101	1.31	6	1.8	2.7	4794	<0.5	4.7	<0.5	73	1.00	0.028
2694805	Drill Core	3.04	17.0	22.9	66.1	19	1.4	80.0	6.5	208	1.56	11	3.4	6.1	837	<0.5	3.6	<0.5	80	1.69	0.067
2694806	Drill Core	3.71	18.1	23.5	64.2	34	1.1	79.4	6.3	243	1.63	9	4.3	6.1	851	<0.5	4.0	<0.5	80	2.39	0.072
2694807	Drill Core	5.67	17.7	25.7	73.7	32	1.6	86.7	7.6	233	1.78	13	4.3	6.4	456	<0.5	4.6	<0.5	76	1.67	0.071
2694808	Drill Core	4.18	17.2	24.8	74.8	21	1.6	80.9	6.9	239	1.73	13	4.1	6.8	557	<0.5	4.3	<0.5	83	1.85	0.076
2694809	Drill Core	3.83	18.9	23.3	114.1	13	1.4	88.2	8.0	206	1.77	12	4.0	6.6	583	<0.5	4.5	<0.5	78	1.45	0.082
2694810	Drill Core	5.12	11.6	231.7	37541.4	1025	21.7	106.8	7.1	409	5.24	11	1.5	1.7	2569	13.2	43.0	<0.5	44	2.97	0.019

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Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694781	Drill Core	1.5	2.8	0.06	164	0.002	0.13	<0.01	0.07	<0.5	6.14	1.2	190.5	16.54	<5	20	188618	3.739		
2694782	Drill Core	11.2	9.8	0.22	2388	0.006	0.52	<0.01	0.28	<0.5	0.08	4.1	9.2	1.47	<5	10	33264	2.702		
2694783	Rock Pulp	7.2	17.4	0.77	136	0.174	1.99	0.26	0.22	0.8	<0.05	3.6	<0.5	<0.05	5	<2	595	I.S.		
2694784	Drill Core	5.9	7.1	0.23	305	0.004	0.32	<0.01	0.18	<0.5	2.94	3.5	137.7	11.76	<5	24	47646	3.006		
2694785	Drill Core	5.3	7.3	0.31	271	0.003	0.24	<0.01	0.14	<0.5	3.90	3.9	96.7	8.02	<5	13	178669	3.306		
2694786	Drill Core	1.8	5.1	0.15	107	0.002	0.13	<0.01	0.06	<0.5	13.71	2.0	292.5	25.62	8	23	69857	3.824	4.32	26.71
2694787	Drill Core	2.9	3.0	0.36	281	0.001	0.09	<0.01	0.05	<0.5	4.02	1.2	67.9	7.09	<5	9	258128	3.939		
2694788	Drill Core	2.7	4.6	0.18	199	0.002	0.13	<0.01	0.07	<0.5	6.87	2.1	148.7	15.19	5	19	181446	3.664		
2694789	Drill Core	17.1	10.9	0.25	2213	0.006	0.51	<0.01	0.29	<0.5	0.06	4.1	13.1	1.66	<5	14	44262	2.683		
2694790	Drill Core	4.2	7.5	0.23	170	0.003	0.29	<0.01	0.13	<0.5	7.38	3.2	197.4	19.16	6	33	48321	3.243		
2694791	Drill Core	2.6	4.0	0.40	172	0.002	0.12	<0.01	0.06	<0.5	9.66	1.6	190.7	18.51	<5	20	127141	3.687	3.59	22.86
2694792	Drill Core	7.5	8.2	0.28	335	0.005	0.35	<0.01	0.20	<0.5	3.23	4.2	108.4	10.02	<5	22	43179	2.960		
2694793 DUP 2694792	Drill Core	7.7	9.1	0.29	373	0.006	0.40	<0.01	0.21	<0.5	3.21	3.6	116.5	10.01	<5	28	44496	2.937		
2694794	Drill Core	16.4	10.2	0.25	2796	0.005	0.44	<0.01	0.25	<0.5	<0.05	4.2	7.7	1.20	<5	10	42539	2.678		
2694795	Drill Core	9.9	9.7	0.23	250	0.005	0.39	<0.01	0.22	0.6	3.03	3.1	107.1	8.58	<5	40	58411	2.966		
2694796	Drill Core	1.9	3.0	0.46	278	0.001	0.08	<0.01	0.03	<0.5	11.80	1.2	182.4	15.53	10	17	213782	3.797		
2694797	Drill Core	2.0	1.8	0.23	323	<0.001	0.07	<0.01	0.03	<0.5	6.38	0.8	53.8	7.27	7	5	302429	4.033		
2694798	Drill Core	11.9	7.5	0.25	1686	0.004	0.37	<0.01	0.22	<0.5	0.40	4.1	11.0	1.41	<5	9	96238	2.816		
2694799	Drill Core	20.3	11.7	0.43	4109	0.005	0.52	<0.01	0.27	<0.5	0.24	5.2	7.3	0.90	<5	10	77740	2.688		
2694800	Drill Core	19.1	10.7	0.53	4965	0.004	0.45	<0.01	0.22	<0.5	0.36	5.9	9.2	0.77	<5	7	102793	2.778		
2694801	Drill Core	20.2	12.9	0.49	28962	0.004	0.51	<0.01	0.24	<0.5	0.28	6.2	7.6	0.21	<5	7	197998	2.993		
2694802	Drill Core	20.7	12.7	0.55	12473	0.004	0.58	<0.01	0.23	<0.5	0.25	6.7	7.5	0.36	<5	6	143850	2.871		
2694803	Rock Pulp	3.2	24.4	0.60	67	0.059	0.86	0.05	0.20	4.8	0.39	1.3	1.1	2.91	<5	<2	385	I.S.		
2694804	Drill Core	10.7	7.5	0.28	25740	0.002	0.31	<0.01	0.16	<0.5	0.20	3.6	4.2	0.20	<5	5	281571	3.423		
2694805	Drill Core	19.7	9.3	0.42	2916	0.005	0.47	<0.01	0.28	<0.5	0.07	4.4	6.6	1.20	<5	6	53727	2.672		
2694806	Drill Core	19.8	9.1	0.49	3582	0.005	0.48	<0.01	0.28	<0.5	0.09	4.6	6.8	1.06	<5	9	55401	2.679		
2694807	Drill Core	17.0	8.8	0.50	1927	0.005	0.46	<0.01	0.26	<0.5	0.11	4.2	7.4	1.69	<5	8	38535	2.672		
2694808	Drill Core	18.7	9.2	0.49	2166	0.005	0.50	<0.01	0.29	0.6	0.14	3.8	7.5	1.55	<5	9	39975	2.687		
2694809	Drill Core	18.1	9.1	0.47	1979	0.005	0.48	<0.01	0.28	<0.5	0.12	3.8	7.6	1.72	<5	7	36149	2.695		
2694810	Drill Core	9.0	5.1	0.24	760	0.002	0.19	<0.01	0.11	<0.5	0.95	2.4	53.6	5.36	<5	41	268028	3.585		

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Project: AKIE
Report Date: August 13, 2015

CERTIFICATE OF ANALYSIS VAN15001763.1

	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
2694811	Drill Core	2.51	17.8	131.6	825.2	5949	11.5	70.5	5.0	323	6.70	26	3.5	2.4	1097	39.8	31.3	<0.5	99	2.12	0.044
2694812	Drill Core	3.44	22.8	127.6	1035.4	912	12.9	73.7	5.4	267	7.70	29	4.7	3.2	602	5.9	31.1	<0.5	134	1.12	0.043
2694813 DUP 2694812	Drill Core		25.3	126.8	1011.1	913	14.0	81.6	6.2	278	7.63	31	5.1	2.9	598	6.8	31.1	<0.5	137	1.11	0.047
2694814	Drill Core	3.46	15.9	38.3	258.6	21	2.6	74.6	6.2	275	1.90	18	4.0	5.3	2160	<0.5	10.2	<0.5	112	2.68	0.062
2694815	Drill Core	4.37	16.5	72.0	533.3	36	6.2	76.7	6.4	191	5.42	20	5.1	4.4	515	<0.5	19.3	<0.5	155	0.80	0.043
2694816	Drill Core	4.22	20.5	80.2	482.7	81	5.9	101.0	7.3	145	6.55	12	4.7	2.9	1013	0.7	16.3	<0.5	156	2.50	0.031
2694817	Drill Core	4.46	4.1	144.3	2575.3	2696	19.7	144.6	15.1	369	29.91	17	0.6	<0.5	181	19.2	18.7	<0.5	35	3.03	0.005
2694818	Drill Core	6.97	1.9	104.5	2332.5	3018	15.7	125.2	8.0	214	35.27	11	<0.5	<0.5	79	19.1	6.4	<0.5	11	2.29	0.003
2694819	Drill Core	7.51	2.1	82.5	2182.9	2978	11.8	64.4	3.2	125	39.45	9	<0.5	<0.5	56	16.4	4.5	<0.5	12	1.03	0.003
2694820	Drill Core	5.25	3.6	100.1	2694.0	6007	18.5	34.4	1.2	140	39.95	18	<0.5	<0.5	63	30.5	7.6	<0.5	13	1.08	0.003
2694821	Drill Core	6.50	1.9	74.2	2790.3	46234	18.2	22.3	0.8	360	38.98	13	<0.5	<0.5	87	238.9	6.0	<0.5	12	1.23	0.003
2694822	Drill Core	5.93	1.2	46.5	2022.7	85690	18.6	23.6	1.5	654	28.15	8	<0.5	<0.5	186	528.1	1.2	<0.5	<10	4.40	0.002
2694823	Rock Pulp	0.02	5.6	98.8	5.0	58	<0.5	14.9	10.1	576	3.64	<5	1.0	3.1	104	<0.5	<0.5	<0.5	106	1.26	0.059
2694824	Drill Core	6.07	1.5	57.1	1562.0	47603	11.3	51.8	3.8	953	26.04	6	<0.5	<0.5	239	365.4	1.4	<0.5	15	8.09	0.005
2694825	Drill Core	5.49	4.4	48.0	1518.2	48386	8.8	47.9	3.4	1083	27.32	8	<0.5	<0.5	318	365.6	2.1	<0.5	21	9.01	0.007
2694826	Drill Core	4.85	3.3	21.4	970.8	1279	2.6	29.1	2.4	1861	14.55	6	1.3	<0.5	568	7.5	1.4	<0.5	25	20.22	0.016
2694827	Drill Core	5.50	2.0	31.9	695.5	871	4.7	16.5	1.3	1088	26.29	6	<0.5	<0.5	215	4.8	1.8	<0.5	10	12.54	0.007
2694828	Drill Core	5.33	2.0	31.7	756.5	900	4.8	21.9	1.3	985	24.42	5	0.6	<0.5	203	4.6	2.2	<0.5	14	11.15	0.009
2694829	Drill Core	3.24	4.4	37.5	614.1	573	3.5	52.1	5.3	1010	21.74	6	1.7	0.8	400	2.8	2.6	<0.5	13	12.98	0.019
2694830	Drill Core	3.81	6.1	35.1	265.1	491	2.8	36.7	3.6	908	14.14	8	2.3	0.6	394	2.9	3.3	<0.5	19	13.98	0.019
2694831	Drill Core	3.21	20.8	27.5	133.9	43	1.5	99.8	7.5	248	3.66	9	6.8	2.1	121	<0.5	4.0	<0.5	35	3.32	0.038
2694832	Drill Core	2.83	20.7	36.4	87.7	55	1.6	124.2	7.2	245	4.00	13	13.8	1.9	135	<0.5	4.1	<0.5	37	3.50	0.071
2694833 DUP 2694832	Drill Core		21.9	32.3	89.6	56	1.6	116.5	7.4	248	3.99	11	13.8	1.9	135	<0.5	3.8	<0.5	40	3.46	0.072
2694834	Drill Core	3.26	20.9	25.1	43.4	37	1.1	127.7	8.0	187	1.95	11	4.7	2.4	86	<0.5	2.2	<0.5	34	2.00	0.038
2694835	Drill Core	4.14	20.9	38.3	45.5	139	0.8	105.0	9.0	390	1.97	9	4.3	2.8	226	1.4	1.9	<0.5	37	5.95	0.040
2694836	Drill Core	3.95	12.7	22.1	36.7	32	0.8	92.0	8.3	468	1.81	7	4.7	3.7	290	<0.5	2.0	<0.5	36	8.17	0.054
2694837	Drill Core	3.80	17.4	31.1	47.6	28	1.0	134.8	8.0	349	2.02	12	6.4	3.4	193	<0.5	2.1	<0.5	45	4.62	0.141
2694838	Drill Core	3.98	16.7	38.5	60.1	1414	1.0	126.1	8.0	461	2.47	11	5.3	3.6	298	12.5	2.4	<0.5	42	7.62	0.084
2694839	Drill Core	3.09	12.2	26.9	32.1	111	0.6	88.9	6.0	505	1.45	<5	5.3	3.6	375	1.1	1.7	<0.5	29	7.72	0.080
2694840	Drill Core	2.08	1.7	11.6	21.2	70	<0.5	38.7	6.2	591	1.49	<5	1.1	5.2	282	0.6	1.0	<0.5	17	7.23	0.128

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Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694811	Drill Core	14.2	9.2	0.26	237	0.003	0.41	<0.01	0.19	<0.5	1.05	4.8	80.2	6.55	<5	22	154499	3.100		
2694812	Drill Core	14.3	6.2	0.28	208	0.004	0.63	<0.01	0.20	<0.5	0.44	5.0	83.5	8.05	<5	29	101292	3.017		
2694813 DUP 2694812	Drill Core	14.0	11.1	0.28	196	0.004	0.64	<0.01	0.20	<0.5	0.45	5.5	85.6	8.04	<5	28	100795	3.025		
2694814	Drill Core	23.6	10.6	0.45	5541	0.003	0.69	<0.01	0.19	<0.5	0.15	6.8	12.7	0.43	<5	20	136553	2.903		
2694815	Drill Core	21.5	12.6	0.31	331	0.004	0.77	<0.01	0.23	0.7	0.26	5.7	39.3	5.47	<5	32	97599	2.951		
2694816	Drill Core	18.0	11.2	0.17	196	0.003	0.73	<0.01	0.24	<0.5	0.36	8.7	51.5	7.13	<5	28	173726	3.142		
2694817	Drill Core	1.5	3.6	0.09	42	<0.001	0.09	<0.01	0.04	<0.5	0.81	1.0	195.4	32.45	<5	5	132893	4.305		
2694818	Drill Core	0.5	1.4	0.04	40	<0.001	0.02	<0.01	0.01	<0.5	0.86	0.6	174.7	38.59	<5	<2	84414	4.480		
2694819	Drill Core	<0.5	2.2	0.02	36	<0.001	0.02	<0.01	0.02	<0.5	0.81	<0.5	208.9	44.80	<5	<2	35365	4.490		
2694820	Drill Core	<0.5	1.4	0.02	79	<0.001	<0.01	<0.01	<0.01	<0.5	1.46	<0.5	254.7	45.33	<5	<2	34223	4.635		
2694821	Drill Core	<0.5	1.6	0.06	38	<0.001	0.01	<0.01	<0.01	<0.5	8.47	<0.5	223.8	45.64	<5	<2	21566	4.584		
2694822	Drill Core	1.6	0.6	0.05	49	<0.001	<0.01	<0.01	<0.01	<0.5	13.36	<0.5	207.7	34.91	<5	<2	75350	4.344		
2694823	Rock Pulp	7.7	19.7	0.82	141	0.189	2.08	0.26	0.24	0.6	<0.05	4.3	<0.5	<0.05	6	<2	585	I.S.		
2694824	Drill Core	3.3	1.3	0.17	39	<0.001	0.01	<0.01	<0.01	<0.5	8.06	<0.5	136.7	31.15	<5	<2	77656	4.036		
2694825	Drill Core	6.6	2.2	0.20	49	<0.001	0.03	<0.01	0.01	<0.5	8.75	<0.5	66.7	32.88	<5	3	32355	3.944		
2694826	Drill Core	11.8	3.6	0.32	414	<0.001	0.03	<0.01	0.01	<0.5	0.35	0.7	55.8	17.42	<5	<2	31395	3.230		
2694827	Drill Core	8.1	1.5	0.10	186	<0.001	0.02	<0.01	<0.01	<0.5	0.38	<0.5	61.5	32.09	<5	<2	27730	3.777		
2694828	Drill Core	6.7	1.9	0.31	86	<0.001	0.05	<0.01	0.03	<0.5	0.31	0.8	52.1	29.72	<5	<2	27397	3.672		
2694829	Drill Core	12.1	2.3	0.36	98	<0.001	0.10	<0.01	0.06	<0.5	0.31	1.2	40.1	26.38	<5	3	4510	3.454		
2694830	Drill Core	12.4	2.5	0.18	77	0.001	0.12	<0.01	0.07	<0.5	0.27	1.3	18.2	16.52	<5	3	1892	3.070		
2694831	Drill Core	12.1	5.8	0.07	454	0.003	0.22	<0.01	0.15	<0.5	0.12	2.0	8.3	4.06	<5	6	2051	2.673		
2694832	Drill Core	10.6	5.9	0.06	515	0.003	0.22	<0.01	0.12	<0.5	0.14	1.2	9.6	4.46	<5	5	1752	2.689		
2694833 DUP 2694832	Drill Core	10.1	5.4	0.05	553	0.003	0.25	<0.01	0.13	<0.5	0.14	1.9	8.8	4.47	<5	7	1788	2.704		
2694834	Drill Core	9.6	6.7	0.27	394	0.003	0.24	<0.01	0.14	<0.5	0.18	1.6	5.5	1.95	<5	5	2120	2.610		
2694835	Drill Core	10.6	5.9	1.00	382	0.003	0.27	<0.01	0.16	<0.5	0.12	2.3	4.6	1.96	<5	5	2082	2.644		
2694836	Drill Core	13.2	6.1	1.19	412	0.004	0.29	<0.01	0.17	<0.5	0.08	3.0	3.6	1.74	<5	5	2840	2.640		
2694837	Drill Core	15.8	6.9	0.63	490	0.004	0.36	<0.01	0.19	<0.5	0.13	2.4	4.7	2.02	<5	5	2450	2.633		
2694838	Drill Core	18.2	5.9	0.91	456	0.004	0.31	<0.01	0.17	<0.5	0.51	2.9	4.5	2.65	<5	6	2898	2.668		
2694839	Drill Core	14.2	6.4	1.46	768	0.003	0.29	<0.01	0.15	<0.5	0.11	3.2	3.0	1.35	<5	3	4228	2.639		
2694840	Drill Core	18.2	8.3	2.09	930	0.005	0.48	<0.01	0.28	<0.5	0.09	3.6	2.3	1.40	<5	<2	6947	2.679		

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2694841	Drill Core	2.24	<0.5	5.8	9.7	12	<0.5	23.3	4.1	562	1.16	<5	0.7	4.0	309	<0.5	<0.5	<0.5	<10	6.63	0.033
2694842	Drill Core	2.22	<0.5	8.5	14.1	74	<0.5	11.1	1.5	856	0.77	<5	<0.5	2.5	708	<0.5	<0.5	<0.5	<10	16.32	0.021
2694843	Rock Pulp	0.02	5.9	96.4	4.6	50	<0.5	13.8	9.8	585	3.55	<5	1.0	3.1	108	<0.5	<0.5	<0.5	100	1.25	0.060
2694844	Drill Core	2.96	0.8	29.0	12.9	171	<0.5	27.0	4.2	430	1.06	<5	0.9	5.5	266	1.1	0.5	<0.5	13	5.25	0.047
2694845	Drill Core	3.45	<0.5	9.1	12.8	11	<0.5	20.3	5.5	598	1.29	<5	0.6	4.7	321	<0.5	0.5	<0.5	<10	6.82	0.035
2694846	Drill Core	3.99	0.8	27.0	18.9	39	<0.5	31.6	4.4	325	1.09	<5	1.0	5.8	211	<0.5	1.1	<0.5	12	4.06	0.028
2694847	Drill Core	3.93	<0.5	9.5	12.9	12	<0.5	19.1	4.5	441	1.04	<5	0.6	4.9	337	<0.5	0.7	<0.5	<10	6.68	0.027
2694848	Drill Core	3.83	<0.5	14.6	15.8	41	<0.5	23.4	6.0	456	1.14	<5	1.0	6.0	305	<0.5	0.8	<0.5	<10	5.94	0.045
2694849	Drill Core	3.59	<0.5	7.2	10.3	11	<0.5	13.1	4.8	515	1.06	<5	0.6	3.9	477	<0.5	<0.5	<0.5	<10	7.88	0.027
2694850	Drill Core	3.97	<0.5	12.7	24.1	13	<0.5	28.7	6.4	555	1.69	<5	0.7	5.1	414	<0.5	0.8	<0.5	<10	6.68	0.041
2694851	Drill Core	4.00	0.5	17.1	22.2	23	<0.5	27.5	6.4	379	1.46	<5	0.9	6.1	257	<0.5	0.9	<0.5	11	4.19	0.036
2694852	Drill Core	4.07	3.0	28.6	31.7	20	1.4	40.4	6.3	315	1.65	<5	1.5	6.7	399	<0.5	1.7	<0.5	19	4.64	0.106
2694853 DUP 2694852	Drill Core		3.5	26.1	32.1	22	0.8	38.6	5.6	318	1.65	<5	1.3	6.2	403	<0.5	1.5	<0.5	18	4.64	0.107
2694854	Drill Core	4.13	5.5	24.2	27.4	141	<0.5	38.6	6.7	321	1.35	<5	1.6	5.7	390	0.7	1.1	<0.5	18	4.47	0.032
2694855	Drill Core	3.16	2.8	13.1	26.1	10	<0.5	22.6	4.8	418	1.33	<5	0.8	4.0	323	<0.5	1.9	<0.5	11	5.22	0.035

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2694841	Drill Core	12.4	5.0	1.65	509	0.003	0.29	<0.01	0.18	<0.5	<0.05	3.5	1.3	1.03	<5	<2	6994	2.666		
2694842	Drill Core	20.7	4.1	1.23	1277	0.002	0.21	<0.01	0.13	<0.5	<0.05	3.0	0.8	0.60	<5	<2	6012	2.667		
2694843	Rock Pulp	8.1	19.9	0.80	145	0.189	2.08	0.26	0.24	0.6	<0.05	4.2	<0.5	<0.05	6	<2	610	I.S.		
2694844	Drill Core	15.7	8.1	1.43	831	0.004	0.35	<0.01	0.22	<0.5	0.08	4.8	1.6	0.91	<5	<2	10512	2.650		
2694845	Drill Core	14.6	6.5	1.93	792	0.004	0.32	<0.01	0.21	<0.5	0.06	3.6	1.5	1.17	<5	<2	9762	2.668		
2694846	Drill Core	14.2	7.2	1.29	1366	0.003	0.32	<0.01	0.21	<0.5	<0.05	3.5	1.7	0.98	<5	<2	14955	2.677		
2694847	Drill Core	14.8	6.8	1.56	1050	0.003	0.33	<0.01	0.21	<0.5	<0.05	3.4	1.3	0.92	<5	<2	12658	2.646		
2694848	Drill Core	17.7	6.0	1.65	1130	0.004	0.32	<0.01	0.20	<0.5	<0.05	4.3	1.4	1.02	<5	<2	13799	2.666		
2694849	Drill Core	13.2	4.5	1.70	868	0.002	0.24	<0.01	0.16	<0.5	<0.05	3.1	0.9	0.97	<5	<2	11197	2.687		
2694850	Drill Core	17.1	7.0	1.95	689	0.003	0.31	<0.01	0.20	<0.5	0.09	3.9	1.4	1.65	<5	<2	11494	2.681		
2694851	Drill Core	15.9	8.1	1.65	1053	0.004	0.35	<0.01	0.24	<0.5	0.12	4.3	1.5	1.39	<5	<2	14897	2.665		
2694852	Drill Core	19.2	9.1	1.28	1786	0.004	0.37	<0.01	0.24	<0.5	0.10	4.0	2.7	1.66	<5	<2	14156	2.664		
2694853 DUP 2694852	Drill Core	18.6	8.4	1.28	1743	0.004	0.36	<0.01	0.23	<0.5	0.15	3.9	2.6	1.66	<5	2	14120	2.681		
2694854	Drill Core	17.3	8.0	1.44	2151	0.003	0.35	<0.01	0.23	<0.5	0.15	3.9	2.0	1.33	<5	2	13589	2.673		
2694855	Drill Core	11.0	6.0	2.08	814	0.003	0.24	<0.01	0.19	<0.5	0.08	3.4	1.6	1.25	<5	<2	12669	2.677		

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Project: AKIE

Report Date: August 13, 2015

QUALITY CONTROL REPORT VAN15001763.1

	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																					
2694521	Drill Core	3.60	42.2	36.7	15.9	1066	<0.5	74.5	7.8	31	1.80	26	11.4	3.3	45	11.1	17.6	<0.5	83	0.23	0.041
REP 2694521	QC		42.8	36.8	15.8	1065	0.7	78.5	8.6	32	1.78	24	11.0	3.4	47	13.8	17.3	<0.5	86	0.21	0.041
2694528	Drill Core	3.70	40.3	43.9	15.5	1392	0.7	76.8	8.1	53	2.02	24	10.9	3.3	116	14.5	20.9	<0.5	92	0.45	0.041
REP 2694528	QC																				
2694557	Drill Core	4.71	33.5	53.7	1058.7	8465	5.6	96.8	4.2	350	17.82	106	2.1	1.9	1494	45.6	24.5	<0.5	53	0.77	0.037
REP 2694557	QC		33.8	52.5	1068.1	8361	5.6	93.0	4.0	327	17.46	104	2.1	2.0	1461	43.4	25.0	<0.5	51	0.77	0.035
2694564	Drill Core	2.93	8.3	10.9	36.6	1519	<0.5	52.9	7.2	366	2.99	7	2.0	8.0	556	8.8	1.7	<0.5	56	2.01	0.071
REP 2694564	QC																				
2694586	Drill Core	4.54	8.1	15.9	261.4	1657	0.6	56.2	6.5	130	1.79	11	1.7	4.8	2538	10.0	2.2	<0.5	46	1.87	0.075
REP 2694586	QC		9.3	15.4	260.4	1674	0.7	58.6	6.5	132	1.78	10	1.8	5.1	2530	8.2	2.0	<0.5	46	1.88	0.079
2694599	Drill Core	5.11	26.2	66.3	7197.2	46219	11.1	83.8	4.1	450	12.82	71	3.2	1.2	937	272.7	25.4	<0.5	61	1.43	0.037
REP 2694599	QC																				
2694721	Drill Core	3.74	17.0	52.2	17121.4	58002	13.9	72.3	6.1	246	6.24	29	3.3	1.9	458	430.2	12.2	<0.5	50	0.57	0.059
REP 2694721	QC		17.7	48.9	17326.4	58173	13.9	68.1	5.4	246	6.36	30	3.2	1.7	457	417.9	12.6	<0.5	51	0.57	0.056
2694734	Drill Core	5.14	18.6	59.9	37158.7	166472	31.1	44.4	1.7	947	13.91	54	2.9	<0.5	408	1065.1	18.4	<0.5	33	1.71	0.026
REP 2694734	QC																				
2694748	Drill Core	3.21	18.3	71.0	>40000	175032	51.5	44.6	1.9	928	13.91	58	2.4	<0.5	430	1185.2	22.1	<0.5	26	1.33	0.028
REP 2694748	QC																				
2694756	Drill Core	5.69	6.1	39.6	35983.2	190505	32.7	20.3	0.7	563	9.15	20	1.4	<0.5	1114	1228.8	4.6	<0.5	17	2.02	0.020
REP 2694756	QC		7.4	41.8	36680.6	192132	35.5	20.9	1.1	559	9.30	22	1.3	<0.5	1151	1310.2	4.8	<0.5	18	2.05	0.022
REP 2694769	QC																				
2694791	Drill Core	2.91	5.4	56.4	32689.8	>200000	40.2	18.0	1.3	834	7.14	12	1.5	<0.5	608	1377.0	46.7	<0.5	34	3.25	0.023
REP 2694791	QC		5.2	51.4	32210.0	>200000	39.9	18.5	1.3	803	6.99	11	1.4	<0.5	539	1339.5	42.8	<0.5	33	3.19	0.019
2694803	Rock Pulp	0.02	10.6	5389.8	22777.2	25214	83.2	12.2	15.8	2289	3.15	37	<0.5	1.0	79	168.7	244.7	3.6	22	2.93	0.043
REP 2694803	QC																				
2694804	Drill Core	3.69	8.5	116.2	273.3	35	1.0	40.0	2.9	101	1.31	6	1.8	2.7	4794	<0.5	4.7	<0.5	73	1.00	0.028
REP 2694804	QC																				
2694829	Drill Core	3.24	4.4	37.5	614.1	573	3.5	52.1	5.3	1010	21.74	6	1.7	0.8	400	2.8	2.6	<0.5	13	12.98	0.019

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Project: AKIE

Report Date: August 13, 2015

QUALITY CONTROL REPORT VAN15001763.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
Pulp Duplicates																				
2694521	Drill Core	15.1	5.3	0.03	1726	0.004	0.87	<0.01	0.15	0.7	0.30	1.8	1.7	1.79	<5	14	21941	2.468		
REP 2694521	QC	16.2	6.0	0.03	1794	0.004	0.88	<0.01	0.15	0.6	0.27	1.9	1.5	1.79	<5	11				
2694528	Drill Core	16.5	6.5	0.04	1453	0.005	0.85	<0.01	0.16	0.5	0.38	2.0	1.6	2.08	<5	10	19327	2.503		
REP 2694528	QC																19226			
2694557	Drill Core	8.9	9.9	0.16	158	0.004	0.62	<0.01	0.16	<0.5	0.57	2.0	34.6	19.71	<5	20	13739	3.038		
REP 2694557	QC	8.6	9.5	0.16	172	0.004	0.62	<0.01	0.15	<0.5	0.50	2.1	34.2	19.64	<5	17				
2694564	Drill Core	28.4	8.6	0.67	1106	0.005	0.67	<0.01	0.28	<0.5	0.10	4.1	2.1	3.04	<5	6	11940	2.645		
REP 2694564	QC																11917			
2694586	Drill Core	6.6	7.7	0.23	2943	0.005	0.48	<0.01	0.22	<0.5	0.10	2.6	5.3	1.14	<5	8	47606	2.586		
REP 2694586	QC	6.4	8.1	0.25	2823	0.004	0.49	<0.01	0.23	<0.5	0.06	2.6	5.5	1.12	<5	7				
2694599	Drill Core	1.6	8.5	0.18	200	0.004	0.36	<0.01	0.17	<0.5	1.06	2.3	184.8	16.54	<5	21	39697	3.119		
REP 2694599	QC																39950			
2694721	Drill Core	1.4	6.7	0.14	163	0.004	0.40	<0.01	0.20	<0.5	1.70	2.1	151.4	10.47	<5	14	26532	2.976		
REP 2694721	QC	1.2	6.4	0.14	166	0.004	0.37	<0.01	0.19	<0.5	1.83	2.2	150.2	10.47	<5	14				
2694734	Drill Core	0.8	6.7	0.20	70	0.001	0.12	<0.01	0.06	<0.5	6.17	1.2	397.9	24.60	6	13	58324	3.751		
REP 2694734	QC																58600			
2694748	Drill Core	0.6	6.1	0.14	72	0.003	0.14	<0.01	0.07	0.5	6.22	0.9	480.7	25.82	<5	15	41696	3.765	5.97	17.76
REP 2694748	QC																		6.00	18.16
2694756	Drill Core	1.6	3.1	0.06	77	0.001	0.06	<0.01	0.03	<0.5	6.70	<0.5	274.5	20.91	<5	6	172103	4.018		
REP 2694756	QC	1.6	2.9	0.06	74	0.002	0.07	<0.01	0.03	<0.5	6.85	0.8	284.2	21.21	<5	6				
REP 2694769	QC																35225			
2694791	Drill Core	2.6	4.0	0.40	172	0.002	0.12	<0.01	0.06	<0.5	9.66	1.6	190.7	18.51	<5	20	127141	3.687	3.59	22.86
REP 2694791	QC	2.2	4.0	0.38	152	0.002	0.12	<0.01	0.06	<0.5	9.24	1.6	181.8	18.16	5	21				
2694803	Rock Pulp	3.2	24.4	0.60	67	0.059	0.86	0.05	0.20	4.8	0.39	1.3	1.1	2.91	<5	<2	385	I.S.		
REP 2694803	QC																385			
2694804	Drill Core	10.7	7.5	0.28	25740	0.002	0.31	<0.01	0.16	<0.5	0.20	3.6	4.2	0.20	<5	5	281571	3.423		
REP 2694804	QC																284881			
2694829	Drill Core	12.1	2.3	0.36	98	<0.001	0.10	<0.01	0.06	<0.5	0.31	1.2	40.1	26.38	<5	3	4510	3.454		

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Project: AKIE
Report Date: August 13, 2015

QUALITY CONTROL REPORT VAN15001763.1

		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
REP 2694829	QC		4.4	39.2	605.1	574	3.4	51.6	5.0	996	21.67	7	1.6	0.9	390	2.9	2.8	<0.5	13	13.00	0.018
2694839	Drill Core	3.09	12.2	26.9	32.1	111	0.6	88.9	6.0	505	1.45	<5	5.3	3.6	375	1.1	1.7	<0.5	29	7.72	0.080
REP 2694839	QC																				
2694855	Drill Core	3.16	2.8	13.1	26.1	10	<0.5	22.6	4.8	418	1.33	<5	0.8	4.0	323	<0.5	1.9	<0.5	11	5.22	0.035
REP 2694855	QC		2.4	13.2	26.2	11	<0.5	24.7	4.3	416	1.35	<5	0.9	4.1	327	<0.5	2.1	<0.5	11	5.22	0.037
Core Reject Duplicates																					
2694567	Drill Core	4.78	29.4	46.3	895.1	8548	4.5	94.0	4.6	366	15.51	77	2.6	2.5	666	41.2	18.3	<0.5	50	1.54	0.050
DUP 2694567	QC		29.3	47.3	907.3	8600	4.6	95.8	5.3	363	15.67	81	2.5	2.3	657	40.3	18.9	<0.5	52	1.50	0.049
2694701	Drill Core	4.26	7.2	12.4	419.0	1540	<0.5	62.8	7.9	160	1.64	8	1.6	5.0	803	9.2	2.0	<0.5	49	1.62	0.063
DUP 2694701	QC		6.0	13.0	429.7	1538	<0.5	63.0	7.5	164	1.67	11	1.7	4.9	823	8.2	2.4	<0.5	42	1.63	0.063
2694735	Drill Core	3.25	29.9	48.7	12841.4	60297	16.8	87.6	7.0	724	8.77	44	4.6	6.5	366	376.0	9.4	<0.5	73	1.50	0.115
DUP 2694735	QC		27.8	47.1	12716.9	59462	15.6	84.6	7.1	693	8.70	43	4.5	6.6	374	364.6	9.8	<0.5	64	1.48	0.117
2694769	Drill Core	4.40	12.0	17.3	128.8	133	2.0	151.3	6.1	363	1.62	9	2.3	4.1	1157	0.7	3.5	<0.5	185	3.22	0.049
DUP 2694769	QC		12.3	17.9	128.7	121	1.9	147.6	6.9	354	1.63	8	2.2	4.0	1061	0.7	3.8	<0.5	170	3.12	0.049
2694837	Drill Core	3.80	17.4	31.1	47.6	28	1.0	134.8	8.0	349	2.02	12	6.4	3.4	193	<0.5	2.1	<0.5	45	4.62	0.141
DUP 2694837	QC		17.4	31.3	47.3	33	1.1	131.6	8.0	338	1.97	11	6.1	3.2	196	<0.5	2.6	<0.5	41	4.55	0.141
Reference Materials																					
STD CCU-1D	Standard																				
STD CZN-4	Standard																				
STD GBM398-4-AR	Standard		932.7	3939.6	11735.0	5376	51.8	4280.7	1978.1	5325	3.79	6	0.7	0.8	10	8.1	7.2	13.6	21	0.35	0.017
STD GBM398-4-AR	Standard		926.3	3914.1	11784.2	5410	52.3	4213.3	2036.6	5269	3.81	<5	0.7	0.9	14	8.3	7.6	13.8	20	0.36	0.018
STD GBM398-4-AR	Standard		940.9	3982.7	12063.4	5612	51.1	4344.8	2034.0	5428	4.05	7	0.8	0.9	11	8.8	8.0	12.6	23	0.37	0.022
STD GBM398-4-AR	Standard		916.3	3923.0	11610.8	5319	47.2	4228.5	1996.3	5270	3.77	6	0.6	0.9	15	8.1	8.2	12.8	19	0.37	0.020
STD GBM398-4-AR	Standard		951.1	3966.3	11588.1	5445	50.3	4232.6	1991.8	5388	4.00	6	0.8	0.9	15	8.3	7.7	13.7	30	0.36	0.022
STD GBM398-4-AR	Standard		940.7	3944.1	11910.6	5183	49.0	4185.4	2088.3	5262	3.88	7	0.7	0.9	15	8.7	6.8	11.9	22	0.35	0.022
STD GBM398-4-AR	Standard		930.4	3900.2	11746.0	5110	49.1	4115.5	2020.4	5207	3.86	7	0.7	0.9	12	9.6	7.4	12.6	19	0.34	0.022
STD GBM398-4-AR	Standard		976.3	4124.4	12179.5	5523	50.6	4298.3	2133.4	5476	4.02	6	0.7	0.9	14	9.5	6.8	12.0	30	0.35	0.021
STD GBM398-4-AR	Standard		937.1	3890.3	11675.9	5513	50.2	4132.9	1914.7	5246	3.70	6	0.7	0.9	14	7.2	6.8	11.9	38	0.32	0.019
STD GBM997-6	Standard																				

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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
REP 2694829	QC	12.3	2.5	0.33	86	0.001	0.10	<0.01	0.06	<0.5	0.32	1.4	40.4	26.26	<5	<2				
2694839	Drill Core	14.2	6.4	1.46	768	0.003	0.29	<0.01	0.15	<0.5	0.11	3.2	3.0	1.35	<5	3	4228	2.639		
REP 2694839	QC																4197			
2694855	Drill Core	11.0	6.0	2.08	814	0.003	0.24	<0.01	0.19	<0.5	0.08	3.4	1.6	1.25	<5	<2	12669	2.677		
REP 2694855	QC	11.0	6.3	2.09	824	0.004	0.25	<0.01	0.17	<0.5	0.10	3.6	1.6	1.26	<5	<2	12549			
Core Reject Duplicates																				
2694567	Drill Core	10.5	9.6	0.16	165	0.004	0.69	<0.01	0.15	<0.5	0.61	2.4	41.0	17.22	<5	16	27249	3.050		
DUP 2694567	QC	9.4	9.7	0.16	190	0.004	0.69	<0.01	0.16	<0.5	0.64	2.4	39.9	17.65	<5	11	27335	3.033		
2694701	Drill Core	4.1	7.3	0.27	2097	0.005	0.56	<0.01	0.27	<0.5	0.07	3.1	6.4	1.70	<5	6	18950	2.674		
DUP 2694701	QC	4.2	6.0	0.25	2749	0.004	0.48	<0.01	0.25	<0.5	0.06	3.3	6.7	1.72	<5	7	18894	2.628		
2694735	Drill Core	5.0	11.5	0.24	149	0.006	0.43	<0.01	0.22	0.5	2.13	2.2	221.0	13.55	<5	11	27339	3.000		
DUP 2694735	QC	5.3	9.0	0.21	158	0.005	0.36	<0.01	0.20	<0.5	2.21	2.2	227.2	13.34	<5	10	27158	3.021		
2694769	Drill Core	9.3	5.6	0.39	2103	0.003	0.35	<0.01	0.20	<0.5	<0.05	3.2	8.6	1.13	<5	7	35714	2.395		
DUP 2694769	QC	8.5	6.3	0.40	1917	0.003	0.32	<0.01	0.17	<0.5	0.07	3.0	8.6	1.18	<5	6	33102	2.385		
2694837	Drill Core	15.8	6.9	0.63	490	0.004	0.36	<0.01	0.19	<0.5	0.13	2.4	4.7	2.02	<5	5	2450	2.633		
DUP 2694837	QC	15.3	6.7	0.60	425	0.004	0.30	<0.01	0.18	<0.5	0.16	2.9	4.7	1.99	<5	5	2451	2.631		
Reference Materials																				
STD CCU-1D	Standard																		0.28	2.53
STD CZN-4	Standard																		0.19	55.39
STD GBM398-4-AR	Standard	2.7	1944.1	0.13	20	0.110	0.49	0.25	0.11	2.8	3.19	1.7	<0.5	0.92	<5	2				
STD GBM398-4-AR	Standard	2.8	1953.5	0.13	18	0.111	0.50	0.26	0.11	3.0	3.00	1.6	<0.5	0.93	<5	5				
STD GBM398-4-AR	Standard	2.8	2020.9	0.13	22	0.114	0.52	0.25	0.12	3.1	3.18	1.7	<0.5	0.96	<5	2				
STD GBM398-4-AR	Standard	2.6	1947.4	0.13	25	0.110	0.49	0.26	0.12	3.2	3.29	2.0	<0.5	0.96	<5	4				
STD GBM398-4-AR	Standard	2.9	1980.4	0.13	22	0.115	0.49	0.24	0.11	3.1	3.30	1.9	<0.5	0.99	<5	3				
STD GBM398-4-AR	Standard	2.6	1853.0	0.13	17	0.111	0.50	0.25	0.12	2.7	3.23	2.0	<0.5	0.99	<5	<2				
STD GBM398-4-AR	Standard	2.6	1910.8	0.13	22	0.111	0.49	0.25	0.11	3.0	3.26	1.9	<0.5	0.98	<5	3				
STD GBM398-4-AR	Standard	2.9	2054.2	0.13	21	0.120	0.53	0.25	0.12	3.0	3.07	2.1	<0.5	0.98	<5	2				
STD GBM398-4-AR	Standard	2.5	1976.6	0.12	24	0.113	0.49	0.24	0.10	3.0	3.29	1.6	<0.5	0.96	<5	3				
STD GBM997-6	Standard																		22.94	15.64

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Project: AKIE

Report Date: August 13, 2015

QUALITY CONTROL REPORT VAN15001763.1

		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		1.1	10743.4	225.9	718	4.0	29.8	31.4	1104	8.17	11	1.7	13.0	14	1.2	1.4	73.1	31	0.29	0.057
STD OREAS927-AR	Standard		<0.5	10734.5	237.9	733	4.5	26.4	29.8	1122	7.87	11	1.7	13.7	14	1.1	1.4	73.8	32	0.31	0.052
STD OREAS927-AR	Standard		0.8	10762.0	226.3	777	4.2	29.9	29.7	1152	8.31	12	1.6	12.6	11	1.4	1.5	68.3	36	0.29	0.052
STD OREAS927-AR	Standard		1.1	10632.0	228.7	718	4.4	28.6	30.8	1147	7.80	13	1.8	13.7	14	1.0	1.4	74.3	34	0.30	0.053
STD OREAS927-AR	Standard		1.0	10805.3	236.6	725	4.3	29.7	31.0	1116	8.11	10	1.8	13.9	15	1.4	1.5	74.4	36	0.31	0.052
STD OREAS927-AR	Standard		1.0	10833.5	241.2	725	4.7	28.9	30.7	1071	7.84	11	1.7	13.3	11	1.9	1.3	62.1	32	0.26	0.058
STD OREAS927-AR	Standard		1.2	11069.7	263.8	799	4.9	28.7	29.1	1059	8.06	12	1.8	12.7	14	2.5	1.1	61.8	34	0.31	0.056
STD OREAS927-AR	Standard		1.0	10501.2	213.4	733	4.2	30.1	29.4	1058	7.99	11	1.7	12.6	11	1.2	1.2	67.2	36	0.30	0.053
STD OREAS927-AR	Standard		0.9	10662.1	221.1	746	4.3	26.8	29.3	1062	8.06	12	1.5	12.0	14	1.0	1.2	63.6	32	0.27	0.054
STD PTC-1A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
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STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD CZN-4 Expected																					

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QUALITY CONTROL REPORT VAN15001763.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
STD OREAS927-AR	Standard	28.8	42.5	1.95	47	0.085	3.28	<0.01	0.29	5.2	0.09	5.0	<0.5	1.67	9	13				
STD OREAS927-AR	Standard	29.3	39.5	1.99	48	0.090	3.36	<0.01	0.29	4.3	0.11	4.7	<0.5	1.80	8	17				
STD OREAS927-AR	Standard	28.3	44.1	1.87	44	0.094	3.22	<0.01	0.28	4.6	0.11	5.0	<0.5	1.85	8	19				
STD OREAS927-AR	Standard	28.7	41.1	1.93	54	0.092	3.32	<0.01	0.30	5.3	0.12	5.6	<0.5	1.85	9	19				
STD OREAS927-AR	Standard	28.7	41.5	1.87	50	0.089	3.16	<0.01	0.27	5.1	0.12	5.1	<0.5	1.85	8	16				
STD OREAS927-AR	Standard	27.5	41.6	1.98	52	0.091	3.29	<0.01	0.28	4.6	0.17	4.2	<0.5	1.84	9	12				
STD OREAS927-AR	Standard	26.5	44.2	2.02	51	0.087	3.35	<0.01	0.28	5.2	0.08	4.7	<0.5	1.86	9	13				
STD OREAS927-AR	Standard	27.7	42.1	1.87	45	0.096	3.14	<0.01	0.28	5.3	0.12	4.2	<0.5	1.80	9	14				
STD OREAS927-AR	Standard	25.3	38.9	1.92	46	0.084	3.23	<0.01	0.26	4.8	0.09	3.9	<0.5	1.79	10	17				
STD PTC-1A	Standard																		0.07	0.11
STD SO-18	Standard																497			
STD SO-18	Standard																504			
STD SO-18	Standard																493			
STD SO-18	Standard																487			
STD SO-18	Standard																487			
STD SO-18	Standard																489			
STD SO-18	Standard																555			
STD SO-18	Standard																542			
STD SO-18	Standard																498			
STD SO-18	Standard																490			
STD SO-18	Standard																498			
STD SO-18	Standard																500			
STD SO-18	Standard																500			
STD SO-18	Standard																497			
STD SO-18	Standard																491			
STD SO-18	Standard																492			
STD SO-18	Standard																485			
STD SO-18	Standard																485			
STD CZN-4 Expected																			0.1861	55.24

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Project: AKIE
Report Date: August 13, 2015

QUALITY CONTROL REPORT VAN15001763.1

		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 GBM997-6 Expected																					
STD CCU-1D Expected																					
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD SO-18 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.5	0.7	<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	1.0	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<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																				
BLK	Blank																				
BLK	Blank		<0.5	<0.5	1.2	<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	0.7	<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	2.0	7	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank		<0.5	<0.5	0.8	<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		1.0	4.5	6.1	44	<0.5	1.3	4.2	553	1.83	<5	<0.5	2.3	29	<0.5	<0.5	<0.5	22	0.62	0.042
ROCK-VAN	Prep Blank		<0.5	2.9	1.7	31	<0.5	0.8	3.8	500	1.79	<5	<0.5	2.6	32	<0.5	<0.5	<0.5	22	0.75	0.043

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Project: AKIE

Report Date: August 13, 2015

QUALITY CONTROL REPORT VAN15001763.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
STD GBM997-6 Expected																			23.75	15.83
STD CCU-1D Expected																			0.262	2.63
STD GBM398-4-AR		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		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-18 Expected																	515			
BLK	Blank																<10			
BLK	Blank																<10			
BLK	Blank																22			
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																<10			
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																<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	1.0	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2				
BLK	Blank																		0.01	0.03
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2				
BLK	Blank																<10			
Prep Wash																				
ROCK-VAN	Prep Blank	6.0	3.2	0.45	132	0.099	1.03	0.13	0.13	<0.5	<0.05	3.2	<0.5	0.06	<5	<2	831	2.624		
ROCK-VAN	Prep Blank	5.7	2.5	0.43	60	0.099	1.02	0.09	0.10	<0.5	<0.05	4.5	<0.5	<0.05	<5	<2	774	2.616		

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Submitted By:	Nicholas Johnson
Receiving Lab:	Canada-Vancouver
Received:	August 11, 2015
Report Date:	September 02, 2015
Page:	1 of 6

CERTIFICATE OF ANALYSIS VAN15001965.1

CLIENT JOB INFORMATION

Project:	AKIE
Shipment ID:	HOLE 124
P.O. Number	
Number of Samples:	137

SAMPLE DISPOSAL

RTRN-PLP	Return
DISP-RJT	Dispose of Reject After 90 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	123	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	4	Pulverize to 85% passing 200 mesh			VAN
SPTRF	4	Split samples by riffle splitter			VAN
AQ270	137	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	137	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	130	Specific Gravity on Pulp		Completed	VAN
AQ371	7	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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Project: AKIE
Report Date: September 02, 2015

CERTIFICATE OF ANALYSIS VAN15001965.1

	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
2694939	Drill Core	2.40	32.3	52.3	160.0	1508	0.6	97.4	7.5	53	1.78	39	10.2	4.0	136	8.5	11.0	<0.5	92	0.37	0.055
2694940	Drill Core	3.73	30.8	37.3	191.7	1569	0.7	96.0	7.3	34	1.84	47	10.7	4.1	100	7.6	11.3	<0.5	92	0.40	0.063
2694941	Drill Core	6.43	15.3	52.4	37.4	668	0.6	71.4	7.5	118	1.74	18	5.0	4.8	381	4.0	8.3	<0.5	58	1.43	0.072
2694942	Drill Core	1.77	48.3	35.2	20.9	15	<0.5	79.8	8.1	75	2.50	27	8.6	2.5	209	<0.5	6.8	<0.5	60	1.12	0.027
2694943	Rock Pulp	0.02	5.2	84.9	4.6	46	<0.5	14.3	9.5	526	3.57	<5	0.9	2.8	108	<0.5	<0.5	<0.5	94	1.18	0.061
2694944	Drill Core	2.52	26.7	138.4	86.3	53	1.5	46.1	7.4	148	10.08	57	5.2	2.4	68	<0.5	20.5	<0.5	31	0.23	0.033
2694945	Drill Core	4.15	53.8	23.1	8.8	1280	<0.5	82.9	8.7	349	1.76	18	18.6	3.0	595	5.4	3.2	<0.5	66	4.81	0.060
2694946	Drill Core	2.94	46.1	35.1	16.8	2253	<0.5	68.0	8.5	198	1.94	23	10.5	2.5	293	17.7	5.3	<0.5	60	1.99	0.031
2694947	Drill Core	3.59	35.1	32.4	29.7	761	<0.5	67.3	7.6	263	2.11	18	9.8	2.5	499	6.4	6.0	<0.5	69	3.68	0.020
2694948	Drill Core	2.91	37.4	54.0	644.4	5626	4.0	91.9	4.9	283	14.55	99	2.3	2.7	172	41.5	55.3	<0.5	62	0.71	0.026
2694949	Drill Core	2.51	20.8	35.8	277.0	5941	1.9	76.0	6.8	132	5.12	36	2.5	4.8	129	38.3	17.8	<0.5	66	0.71	0.052
2694950	Drill Core	2.33	33.9	41.0	655.4	6185	3.0	87.5	5.9	240	9.21	62	4.2	3.1	170	38.2	30.1	<0.5	73	0.81	0.050
2694951	Drill Core	2.95	24.0	37.7	902.4	9456	3.2	79.3	5.9	261	8.34	57	3.0	3.0	473	52.6	27.1	<0.5	60	2.52	0.042
2694952	Drill Core	1.40	2.9	6.7	43.7	899	<0.5	18.7	1.4	219	1.26	5	0.6	0.6	1603	6.4	2.0	<0.5	31	5.62	0.018
2694953 DUP 2694952	Drill Core		2.8	6.8	40.8	902	<0.5	18.2	1.4	203	1.08	<5	0.5	0.6	1482	5.9	1.9	<0.5	24	6.03	0.018
2694954	Drill Core	3.10	31.2	43.8	406.2	9186	3.1	100.9	8.0	83	3.86	55	4.5	4.1	270	51.0	9.7	<0.5	169	0.69	0.110
2694955	Drill Core	2.96	42.2	61.4	3291.4	21441	10.1	101.5	4.8	347	17.60	128	1.8	2.5	93	124.2	42.5	0.5	48	0.24	0.014
2694956	Drill Core	3.28	31.8	39.9	2271.2	16793	5.2	87.4	5.2	356	12.47	82	1.3	2.7	139	98.7	20.7	<0.5	59	0.52	0.020
2694957	Drill Core	3.02	24.1	34.8	1836.0	14683	3.8	77.9	5.6	463	9.55	60	2.3	5.0	369	81.1	17.7	<0.5	50	1.76	0.036
2694958	Drill Core	2.18	26.3	27.5	964.0	7437	1.5	79.8	7.1	319	4.91	32	3.3	6.6	453	42.8	9.8	<0.5	85	2.18	0.061
2694959	Drill Core	2.97	39.0	46.1	2982.1	25017	6.6	91.4	4.7	428	15.98	102	3.6	2.2	244	144.6	34.0	<0.5	58	1.32	0.029
2694960	Drill Core	2.80	30.2	34.8	1726.4	12025	3.6	82.7	5.4	333	9.40	61	3.5	3.2	593	69.4	16.7	<0.5	76	3.08	0.049
2694961	Drill Core	2.69	36.9	35.3	2617.3	14044	5.3	89.4	4.8	384	14.59	95	3.2	3.0	103	89.8	26.4	<0.5	49	0.59	0.035
2694962	Drill Core	2.48	29.1	35.5	2081.8	17665	4.8	82.1	5.2	379	10.29	70	2.8	2.6	323	106.7	22.9	<0.5	66	1.56	0.037
2694963	Rock Pulp	0.02	10.6	5370.4	23200.5	25486	85.2	12.2	14.2	2196	3.29	38	<0.5	0.8	96	166.8	234.2	4.4	24	2.94	0.049
2694964	Drill Core	2.76	27.6	46.6	1989.1	16815	4.6	90.9	5.8	246	9.84	71	3.7	3.9	97	96.8	25.5	<0.5	61	0.48	0.049
2694965	Drill Core	3.94	30.5	44.8	1370.3	8873	3.7	94.6	6.6	222	7.53	59	3.3	5.0	129	51.8	20.3	<0.5	88	0.53	0.058
2694966	Drill Core	3.30	18.6	29.3	1315.8	9438	2.8	55.5	3.6	353	6.72	37	2.3	2.7	765	54.1	16.5	<0.5	67	1.90	0.073
2694967	Drill Core	3.39	27.4	47.5	2320.1	26218	4.4	82.8	5.0	322	12.38	70	2.6	2.2	624	139.2	37.4	<0.5	57	1.46	0.047
2694968	Drill Core	2.45	27.2	51.5	1036.0	11427	2.6	83.7	5.6	261	9.08	50	3.3	3.1	498	64.3	42.9	<0.5	83	0.72	0.030

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Project: AKIE
Report Date: September 02, 2015

CERTIFICATE OF ANALYSIS VAN15001965.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2694939	Drill Core	17.8	6.0	0.06	2262	0.004	0.53	<0.01	0.22	<0.5	0.22	1.6	1.0	1.82	<5	11	10446	2.533		
2694940	Drill Core	17.0	5.7	0.06	1758	0.004	0.54	<0.01	0.22	<0.5	0.22	1.3	1.3	1.95	<5	15	12557	2.543		
2694941	Drill Core	17.3	7.1	0.06	1691	0.004	0.43	<0.01	0.23	<0.5	0.11	1.8	0.7	1.77	<5	5	7908	2.526		
2694942	Drill Core	13.8	5.4	0.06	857	0.004	0.47	<0.01	0.17	0.7	0.18	1.8	5.0	2.60	<5	4	35647	2.629		
2694943	Rock Pulp	7.7	18.4	0.76	145	0.179	2.00	0.27	0.25	0.6	<0.05	4.9	<0.5	<0.05	6	<2	619	I.S.		
2694944	Drill Core	11.2	4.9	0.04	187	0.004	0.46	<0.01	0.18	<0.5	0.89	1.2	28.3	11.92	<5	6	6928	2.776		
2694945	Drill Core	15.7	5.7	0.09	2169	0.005	0.42	<0.01	0.21	0.5	0.13	2.8	3.7	1.99	<5	5	9847	2.541		
2694946	Drill Core	13.1	5.2	0.20	1352	0.004	0.46	<0.01	0.17	<0.5	0.29	2.6	5.9	2.16	<5	3	40569	2.594		
2694947	Drill Core	13.0	4.9	0.49	1155	0.004	0.44	<0.01	0.17	<0.5	0.13	2.8	2.6	2.20	<5	4	38529	2.629		
2694948	Drill Core	11.6	4.6	0.10	142	0.004	0.49	<0.01	0.21	<0.5	1.03	1.6	25.1	16.82	<5	40	11556	2.975		
2694949	Drill Core	20.4	8.4	0.06	408	0.005	0.56	<0.01	0.27	<0.5	0.45	2.2	11.4	5.69	<5	19	15100	2.678		
2694950	Drill Core	14.4	6.3	0.14	254	0.004	0.66	<0.01	0.22	<0.5	0.67	2.8	19.4	10.68	<5	24	20731	2.837		
2694951	Drill Core	15.5	7.5	0.10	270	0.004	0.56	<0.01	0.20	<0.5	0.81	1.7	24.4	9.43	<5	23	24354	2.842		
2694952	Drill Core	2.7	4.5	0.20	2722	0.002	0.14	<0.01	0.05	<0.5	<0.05	1.8	1.2	1.01	<5	4	5392	2.630		
2694953 DUP 2694952	Drill Core	2.7	3.7	0.20	2471	0.001	0.11	<0.01	0.04	<0.5	0.06	1.0	1.0	1.01	<5	3	5154	2.642		
2694954	Drill Core	23.8	21.9	0.06	835	0.008	0.68	<0.01	0.31	<0.5	0.23	3.3	9.4	4.45	<5	24	11986	2.675		
2694955	Drill Core	7.6	7.8	0.08	91	0.003	0.36	<0.01	0.17	<0.5	0.55	1.8	66.5	21.16	<5	35	8274	2.973		
2694956	Drill Core	7.7	8.8	0.21	104	0.005	0.51	<0.01	0.26	<0.5	0.39	3.0	48.2	15.10	<5	22	15259	2.967		
2694957	Drill Core	18.8	6.9	0.36	115	0.003	0.38	<0.01	0.17	<0.5	0.35	3.8	35.1	11.92	<5	17	43127	2.962		
2694958	Drill Core	35.8	11.5	0.29	475	0.006	0.61	<0.01	0.28	<0.5	0.18	3.5	17.0	5.45	<5	11	17146	2.743		
2694959	Drill Core	10.6	8.3	0.16	109	0.004	0.38	<0.01	0.18	<0.5	0.70	2.7	70.4	19.44	<5	31	15437	3.107		
2694960	Drill Core	15.4	10.5	0.25	232	0.005	0.53	<0.01	0.24	<0.5	0.33	3.7	37.8	11.48	<5	19	14795	2.884		
2694961	Drill Core	13.3	7.2	0.20	207	0.004	0.53	<0.01	0.18	<0.5	0.47	2.6	58.6	17.30	<5	23	17430	3.062		
2694962	Drill Core	12.9	10.0	0.26	172	0.005	0.47	<0.01	0.24	<0.5	0.42	3.3	49.9	12.87	<5	22	27584	2.964		
2694963	Rock Pulp	3.5	24.2	0.59	84	0.062	0.86	0.04	0.20	4.2	0.35	1.7	1.0	2.73	<5	2	410	I.S.		
2694964	Drill Core	16.5	8.3	0.14	204	0.005	0.47	<0.01	0.22	<0.5	0.44	2.9	42.7	12.52	<5	25	10591	2.871		
2694965	Drill Core	21.3	11.9	0.18	280	0.007	0.61	<0.01	0.30	<0.5	0.25	2.5	31.1	8.73	<5	18	10893	2.797		
2694966	Drill Core	13.0	12.8	0.24	344	0.004	0.30	<0.01	0.14	<0.5	0.29	2.9	23.2	6.87	<5	16	48300	2.838		
2694967	Drill Core	9.7	8.3	0.20	129	0.003	0.37	<0.01	0.13	0.5	0.63	3.4	58.9	15.21	<5	38	46995	3.038		
2694968	Drill Core	14.1	9.7	0.13	221	0.005	0.57	<0.01	0.25	<0.5	0.31	2.7	35.0	10.63	<5	49	30298	2.858		

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Project: AKIE
Report Date: September 02, 2015

CERTIFICATE OF ANALYSIS VAN15001965.1

	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
2694969	Drill Core	2.41	24.2	44.5	496.6	7260	2.0	85.6	6.6	176	6.63	42	2.9	4.4	606	40.5	27.8	<0.5	55	0.68	0.031
2694970	Drill Core	2.97	25.9	54.4	489.7	5409	3.0	84.0	5.5	287	9.00	60	2.8	3.5	375	33.8	32.3	<0.5	66	1.40	0.033
2694971	Drill Core	2.70	10.2	18.4	25.6	2118	<0.5	69.6	8.9	98	1.82	11	1.7	7.0	199	14.0	4.5	<0.5	42	0.71	0.064
2694972	Drill Core	2.96	20.7	56.2	698.6	7348	3.3	76.1	6.0	223	8.06	56	1.8	4.2	239	44.2	22.0	<0.5	43	0.97	0.037
2694973 DUP 2694972	Drill Core		18.6	53.4	675.4	7010	3.2	71.7	5.7	218	7.91	55	1.8	4.1	234	42.4	21.1	<0.5	44	0.95	0.038
2694974	Drill Core	2.58	23.4	31.9	1075.5	11667	3.2	78.2	5.4	282	9.78	59	2.2	2.4	466	63.6	13.0	<0.5	59	0.86	0.037
2694975	Drill Core	2.21	21.5	34.8	571.4	4685	2.5	76.4	5.4	227	8.48	58	2.1	2.8	451	28.7	11.4	<0.5	44	1.06	0.040
2694976	Drill Core	2.61	14.1	10.3	36.1	2082	<0.5	58.8	6.9	201	1.79	10	2.5	5.9	327	12.6	1.3	<0.5	59	1.94	0.073
2694977	Drill Core	2.60	8.1	9.4	25.4	1575	<0.5	47.5	6.4	374	1.49	7	1.4	5.2	333	9.8	1.2	<0.5	43	4.04	0.065
2694978	Drill Core	3.22	11.5	20.2	175.1	1857	0.7	58.8	6.4	280	3.25	20	1.8	5.3	345	10.6	3.5	<0.5	58	1.97	0.062
2694979	Drill Core	3.00	27.1	33.7	1331.3	9803	4.8	82.8	4.3	397	13.62	86	2.0	0.9	605	53.7	16.8	<0.5	41	2.28	0.034
2694980	Drill Core	2.53	27.9	34.8	1854.2	25874	4.9	82.0	4.9	429	13.03	76	2.7	1.4	432	135.3	16.1	<0.5	64	2.00	0.041
2694981	Drill Core	2.83	18.8	31.5	969.5	16929	2.8	72.4	5.9	262	6.58	40	2.6	3.2	513	90.9	11.4	<0.5	45	1.11	0.047
2694982	Drill Core	2.69	28.4	63.0	1515.5	17566	4.5	88.9	5.4	330	12.03	68	2.4	2.1	360	98.2	26.9	<0.5	52	1.32	0.035
2694983	Rock Pulp	0.02	5.3	90.0	4.3	47	<0.5	13.7	9.4	520	3.37	<5	0.9	3.0	96	<0.5	<0.5	<0.5	95	1.10	0.058
2694984	Drill Core	2.86	19.5	37.7	837.2	8128	2.8	76.6	5.8	217	7.83	49	2.4	3.2	306	41.8	12.3	<0.5	45	0.82	0.056
2694985	Drill Core	2.09	21.2	27.3	726.1	7526	2.1	75.7	6.5	235	6.08	38	2.7	3.2	515	42.3	8.1	<0.5	60	0.92	0.043
2694986	Drill Core	2.91	28.5	34.9	2479.4	33754	6.9	77.0	3.7	407	14.55	87	1.8	0.7	357	183.6	18.4	<0.5	43	0.88	0.012
2694987	Drill Core	2.46	26.4	59.4	1563.1	15984	4.3	87.0	5.4	258	9.79	61	2.3	1.6	407	86.8	21.9	<0.5	58	0.60	0.017
2694988	Drill Core	2.43	9.3	16.3	229.5	1375	0.6	63.6	7.4	142	2.30	14	1.5	5.8	211	9.5	4.5	<0.5	33	0.80	0.041
2694989	Drill Core	2.46	10.4	14.6	134.7	2215	<0.5	68.4	8.1	125	1.85	8	2.1	6.6	274	14.5	3.2	<0.5	54	0.86	0.072
2694990	Drill Core	2.82	23.5	55.2	2179.0	30973	5.5	68.0	3.8	410	11.94	60	2.4	1.1	2156	162.0	31.9	<0.5	52	2.87	0.038
2694991	Drill Core	3.02	22.3	41.0	3181.2	25795	4.7	78.5	5.4	345	9.35	43	3.0	1.6	666	138.3	29.1	<0.5	73	0.96	0.024
2694992	Drill Core	2.21	13.5	23.6	838.4	7614	1.4	65.7	6.6	114	3.04	14	2.1	4.2	1013	37.9	8.6	<0.5	48	0.79	0.027
2694993 DUP 2694992	Drill Core		13.1	23.7	791.1	7668	1.3	64.7	6.8	133	3.10	15	2.3	4.3	1006	39.4	8.9	<0.5	65	0.75	0.029
2694994	Drill Core	2.79	24.5	50.3	3842.8	39447	6.0	72.7	4.4	388	11.71	48	3.5	1.2	775	216.8	40.5	<0.5	56	1.45	0.025
2694995	Drill Core	2.83	18.6	37.2	4038.0	25629	3.3	67.6	5.3	274	6.15	22	3.8	2.5	1094	155.1	24.7	<0.5	74	1.24	0.031
2694996	Drill Core	2.77	25.7	52.2	5261.2	46055	7.1	70.3	4.6	370	11.37	40	4.4	1.4	594	265.6	45.1	<0.5	89	0.77	0.019
2694997	Drill Core	3.15	23.9	42.5	7105.5	52344	7.5	66.9	4.4	417	10.28	40	3.6	1.2	532	312.8	32.9	<0.5	106	1.17	0.019
2694998	Drill Core	3.20	23.4	43.7	10755.8	76447	11.2	64.5	3.3	595	12.61	56	2.5	<0.5	526	458.6	35.3	<0.5	52	1.59	0.011

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Project: AKIE
Report Date: September 02, 2015

CERTIFICATE OF ANALYSIS VAN15001965.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2694969	Drill Core	17.3	6.9	0.12	335	0.005	0.45	<0.01	0.23	<0.5	0.22	2.6	21.8	7.43	<5	24	27974	2.795		
2694970	Drill Core	14.5	9.6	0.26	231	0.005	0.49	<0.01	0.23	<0.5	0.19	3.0	27.6	10.52	<5	23	20548	2.853		
2694971	Drill Core	25.0	6.7	0.19	1234	0.004	0.48	<0.01	0.27	<0.5	0.07	2.5	3.0	2.17	<5	9	9212	2.676		
2694972	Drill Core	13.5	6.6	0.18	163	0.003	0.42	<0.01	0.20	<0.5	0.22	2.2	24.8	10.15	<5	13	13121	2.847		
2694973 DUP 2694972	Drill Core	13.4	6.7	0.18	155	0.003	0.41	<0.01	0.20	<0.5	0.18	2.0	25.3	9.98	<5	17	13042	2.835		
2694974	Drill Core	9.5	8.2	0.18	134	0.004	0.45	<0.01	0.18	<0.5	0.39	2.0	33.0	12.10	<5	16	25932	2.916		
2694975	Drill Core	10.7	7.4	0.20	168	0.003	0.36	<0.01	0.17	<0.5	0.19	1.9	23.2	10.10	<5	10	23382	2.892		
2694976	Drill Core	18.4	8.9	0.32	1006	0.004	0.54	<0.01	0.27	<0.5	<0.05	2.5	2.7	1.97	<5	5	11562	2.607		
2694977	Drill Core	16.6	6.1	0.28	1058	0.003	0.37	<0.01	0.20	<0.5	<0.05	2.4	2.1	1.73	<5	4	11205	2.597		
2694978	Drill Core	17.6	9.4	0.22	677	0.004	0.64	<0.01	0.27	<0.5	<0.05	2.3	7.5	3.63	<5	6	18507	2.713		
2694979	Drill Core	4.9	4.7	0.18	201	0.002	0.28	<0.01	0.10	<0.5	0.38	1.9	51.0	15.47	<5	14	52380	3.117		
2694980	Drill Core	5.2	9.9	0.23	267	0.003	0.67	<0.01	0.17	<0.5	0.57	2.6	62.2	15.86	<5	18	44588	3.094		
2694981	Drill Core	8.5	5.9	0.21	278	0.003	0.37	<0.01	0.16	<0.5	0.32	2.0	33.4	8.18	<5	13	29156	2.841		
2694982	Drill Core	5.9	7.8	0.18	172	0.004	0.39	<0.01	0.19	0.6	0.35	1.7	52.7	14.93	<5	21	26715	3.003		
2694983	Rock Pulp	7.2	18.4	0.75	136	0.164	1.90	0.25	0.22	0.7	<0.05	3.7	<0.5	<0.05	<5	<2	600	I.S.		
2694984	Drill Core	7.9	7.2	0.18	212	0.003	0.38	<0.01	0.18	<0.5	0.22	1.6	35.7	9.46	<5	11	23094	2.838		
2694985	Drill Core	9.0	9.0	0.24	315	0.004	0.46	<0.01	0.21	<0.5	0.17	2.2	25.2	7.06	<5	8	24933	2.826		
2694986	Drill Core	2.3	6.9	0.18	111	0.002	0.27	<0.01	0.11	<0.5	0.74	1.8	96.6	18.88	<5	19	29702	3.144		
2694987	Drill Core	5.0	8.7	0.13	153	0.003	0.39	<0.01	0.19	<0.5	0.32	1.5	56.1	12.05	<5	17	21147	2.931		
2694988	Drill Core	12.0	5.6	0.27	742	0.002	0.39	<0.01	0.22	<0.5	<0.05	2.6	7.1	2.74	<5	7	8474	2.681		
2694989	Drill Core	12.8	8.6	0.29	965	0.003	0.57	<0.01	0.27	<0.5	<0.05	2.5	3.7	2.04	<5	7	11216	2.631		
2694990	Drill Core	3.4	6.8	0.24	197	0.002	0.26	<0.01	0.12	0.6	0.58	2.4	83.2	14.92	<5	19	47241	3.094		
2694991	Drill Core	4.9	8.3	0.24	184	0.003	0.48	<0.01	0.16	0.5	0.56	3.5	74.1	11.66	<5	23	43006	2.962		
2694992	Drill Core	7.3	5.6	0.17	509	0.002	0.39	<0.01	0.17	<0.5	0.17	3.2	17.3	3.62	<5	12	34957	2.719		
2694993 DUP 2694992	Drill Core	8.4	8.3	0.19	618	0.003	0.54	<0.01	0.23	<0.5	0.13	3.9	17.9	3.51	<5	13	34637	2.715		
2694994	Drill Core	3.7	6.0	0.22	223	0.002	0.33	<0.01	0.12	<0.5	0.80	2.7	100.8	14.51	<5	25	57865	3.111		
2694995	Drill Core	5.6	7.8	0.26	365	0.003	0.56	<0.01	0.16	<0.5	0.58	3.8	58.8	7.29	<5	25	58777	2.906		
2694996	Drill Core	3.8	7.8	0.24	201	0.002	0.45	<0.01	0.09	<0.5	0.98	4.4	117.9	15.06	<5	40	46627	3.102		
2694997	Drill Core	2.4	11.5	0.25	175	0.003	0.40	<0.01	0.11	<0.5	1.27	4.4	120.7	13.79	<5	32	47951	3.094		
2694998	Drill Core	1.1	7.8	0.26	216	0.001	0.20	<0.01	0.08	<0.5	1.83	3.6	166.6	17.59	<5	20	54744	3.307		

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 02, 2015

CERTIFICATE OF ANALYSIS VAN15001965.1

	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
2694999	Drill Core	2.46	17.6	38.5	5136.4	41616	5.4	71.5	5.1	364	7.24	32	2.3	0.9	1135	269.7	19.2	<0.5	50	1.80	0.012
2695000	Drill Core	3.81	24.1	38.7	5479.6	40945	6.3	73.2	4.9	457	8.46	43	2.7	0.7	755	236.1	23.7	<0.5	58	2.21	0.014
2695001	Drill Core	2.25	12.1	23.0	2387.9	17326	2.7	47.9	3.6	270	3.97	24	1.5	1.3	890	106.2	10.2	<0.5	39	1.31	0.015
2695002	Drill Core	2.17	34.3	53.6	4022.7	23699	8.0	106.9	6.1	285	10.50	75	3.8	1.8	232	157.5	22.3	<0.5	98	0.31	0.035
2695003	Rock Pulp	0.02	3.8	2798.7	11527.1	20823	25.5	10.3	10.2	756	3.08	11	<0.5	1.0	70	132.6	37.1	0.7	35	1.00	0.083
2695004	Drill Core	2.33	26.8	40.1	6461.0	32212	9.7	74.2	4.2	353	14.35	72	3.0	1.5	403	221.7	25.8	<0.5	43	0.54	0.028
2695005	Drill Core	2.58	21.2	33.5	5261.5	31001	7.2	68.1	4.7	382	10.39	52	2.5	1.3	446	205.1	15.9	<0.5	49	0.82	0.011
2695006	Drill Core	2.46	20.9	30.8	4316.1	16943	3.4	72.5	5.8	414	5.96	30	3.0	3.5	456	103.8	9.8	<0.5	54	1.21	0.015
2695007	Drill Core	3.27	34.3	43.8	8969.7	53168	12.0	81.9	3.7	549	17.15	76	3.2	<0.5	335	349.9	26.0	<0.5	63	0.95	0.010
2695008	Drill Core	2.45	24.9	37.1	8943.6	51977	11.3	70.1	4.0	483	15.74	70	2.3	0.7	396	334.0	20.1	<0.5	56	0.78	0.008
2695009	Drill Core	3.40	28.8	39.4	10110.5	67081	13.0	74.8	3.7	537	15.54	75	2.4	<0.5	322	426.9	22.3	<0.5	50	1.11	0.007
2695010	Drill Core	3.29	28.3	48.3	10063.0	60770	13.3	78.8	4.5	536	14.07	67	3.3	1.0	385	388.2	25.3	<0.5	72	0.91	0.025
2695011	Drill Core	1.77	25.7	20.1	1682.0	6586	1.2	91.9	7.9	92	1.47	10	5.2	4.6	102	43.8	2.9	<0.5	81	0.41	0.070
2695012	Drill Core	2.89	26.6	44.7	5474.6	27161	10.9	79.6	4.9	376	11.38	62	2.9	1.8	399	173.6	21.1	<0.5	66	0.83	0.046
2695013 DUP 2695012	Drill Core		25.2	47.3	5463.8	26489	10.2	75.1	4.5	366	11.01	58	3.0	1.9	384	163.5	21.7	<0.5	68	0.82	0.044
2695014	Drill Core	3.51	23.7	43.4	19317.5	101359	24.0	59.2	3.0	592	15.18	67	3.0	0.7	320	629.8	21.2	<0.5	49	1.02	0.024
2695015	Drill Core	4.57	19.0	87.0	>40000	186176	30.0	50.3	2.7	674	9.23	59	3.4	0.6	345	997.7	32.2	<0.5	52	1.49	0.027
2695016	Drill Core	3.40	15.5	15.1	1078.0	2083	1.1	68.8	6.6	203	1.61	9	3.6	5.4	235	14.6	4.7	<0.5	55	1.27	0.057
2695017	Drill Core	3.61	19.0	23.1	417.9	2570	0.9	82.5	7.9	222	2.02	14	3.9	6.1	531	18.8	5.8	<0.5	65	1.67	0.066
2695018	Drill Core	4.07	18.8	22.0	325.3	2514	0.9	79.3	8.0	260	1.86	12	4.1	5.8	826	20.2	5.1	<0.5	50	2.18	0.079
2695019	Drill Core	4.07	18.2	16.8	421.2	2949	0.9	77.0	7.9	235	1.81	10	4.5	6.1	342	24.1	4.3	<0.5	72	1.91	0.078
2695020	Drill Core	3.70	10.5	87.9	33805.3	154697	35.3	42.1	2.4	784	13.85	36	2.2	<0.5	447	1155.9	41.5	<0.5	36	1.15	0.025
2695021	Drill Core	3.82	20.6	49.8	24276.8	110152	27.1	53.7	3.5	590	10.19	25	3.6	0.9	513	754.3	22.7	<0.5	90	0.74	0.029
2695022	Drill Core	3.46	18.0	56.9	36122.1	133761	33.9	43.3	2.7	599	10.52	27	3.0	<0.5	612	1000.9	26.2	<0.5	68	1.37	0.019
2695023	Rock Pulp	0.02	4.9	86.8	8.8	61	<0.5	13.3	9.0	506	3.24	<5	0.9	3.0	92	<0.5	<0.5	<0.5	92	1.05	0.055
2695024	Drill Core	2.59	13.9	53.6	>40000	>200000	31.8	34.4	2.0	525	7.98	21	2.3	<0.5	544	1522.7	23.0	<0.5	61	1.63	0.015
2695025	Drill Core	2.48	17.2	45.6	26478.6	93710	21.2	55.6	4.4	322	5.65	20	2.5	1.5	355	638.3	22.4	<0.5	71	0.34	0.027
2695026	Drill Core	1.85	14.9	51.0	34353.9	136342	27.4	45.3	3.2	388	6.08	18	3.3	0.7	1624	930.8	22.2	<0.5	87	2.33	0.011
2695027	Drill Core	2.96	15.2	56.4	39864.8	>200000	36.4	33.5	2.0	524	7.88	22	2.1	<0.5	1024	1263.0	25.7	<0.5	58	2.35	0.006
2695028	Drill Core	1.58	17.4	52.9	29621.8	122663	26.3	49.2	4.1	460	6.51	21	2.6	0.9	585	787.1	33.5	<0.5	60	1.02	0.007

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2694999	Drill Core	1.3	6.7	0.25	204	0.002	0.30	<0.01	0.15	0.5	1.04	3.5	83.7	9.86	<5	16	57405	2.981		
2695000	Drill Core	1.6	7.2	0.17	231	0.002	0.33	<0.01	0.14	0.5	0.98	2.2	106.2	10.52	<5	21	55540	3.029		
2695001	Drill Core	2.0	6.1	0.09	475	0.002	0.22	<0.01	0.11	<0.5	0.45	1.3	44.3	4.85	<5	12	25777	2.803		
2695002	Drill Core	3.6	12.2	0.09	154	0.003	0.37	<0.01	0.18	0.7	0.66	1.3	105.6	13.21	<5	20	9837	2.911		
2695003	Rock Pulp	10.0	22.8	1.36	210	0.103	1.85	0.06	0.21	<0.5	0.13	2.1	<0.5	1.77	5	<2	893	I.S.		
2695004	Drill Core	2.0	7.0	0.08	116	0.003	0.26	<0.01	0.14	<0.5	0.97	1.2	154.8	18.17	<5	21	15591	3.174		
2695005	Drill Core	2.1	7.4	0.17	182	0.003	0.36	<0.01	0.17	<0.5	0.98	1.7	118.1	13.33	<5	15	22771	3.035		
2695006	Drill Core	5.4	7.5	0.39	262	0.003	0.34	<0.01	0.16	<0.5	0.52	2.5	59.2	7.67	<5	12	20401	2.853		
2695007	Drill Core	0.9	8.7	0.13	110	0.003	0.29	<0.01	0.13	0.5	1.69	1.1	198.1	22.13	<5	21	29223	3.288		
2695008	Drill Core	1.2	9.6	0.13	121	0.003	0.37	<0.01	0.17	<0.5	1.84	1.9	189.1	20.43	<5	18	30706	3.256		
2695009	Drill Core	1.1	8.1	0.11	133	0.002	0.27	<0.01	0.12	<0.5	2.26	1.9	218.0	20.45	<5	20	36983	3.288		
2695010	Drill Core	2.1	10.0	0.23	211	0.005	0.42	<0.01	0.19	0.6	2.13	1.9	206.1	18.34	<5	20	22556	3.167		
2695011	Drill Core	5.2	8.2	0.13	1186	0.004	0.47	<0.01	0.24	<0.5	0.21	1.9	11.3	2.04	<5	10	10206	2.590		
2695012	Drill Core	2.6	9.2	0.20	170	0.004	0.43	<0.01	0.20	<0.5	0.99	1.6	144.5	14.15	<5	18	20920	3.033		
2695013 DUP 2695012	Drill Core	2.5	8.9	0.19	166	0.004	0.41	<0.01	0.21	<0.5	0.83	1.6	137.0	13.78	<5	15	20915	3.030		
2695014	Drill Core	1.3	6.6	0.12	104	0.002	0.22	<0.01	0.10	<0.5	3.60	1.3	261.2	21.91	<5	18	32592	3.378		
2695015	Drill Core	1.5	5.5	0.25	131	0.002	0.22	<0.01	0.10	<0.5	7.60	1.4	325.6	20.22	<5	22	36308	3.455	4.79	19.94
2695016	Drill Core	5.2	5.7	0.30	1187	0.003	0.43	<0.01	0.21	<0.5	<0.05	2.2	7.2	1.97	<5	6	6441	2.560		
2695017	Drill Core	4.9	7.2	0.38	868	0.004	0.57	<0.01	0.28	<0.5	0.10	3.0	11.2	2.29	<5	6	9673	2.575		
2695018	Drill Core	4.7	5.2	0.42	944	0.003	0.40	<0.01	0.20	<0.5	0.08	2.9	9.1	2.19	<5	6	9793	2.591		
2695019	Drill Core	5.9	8.4	0.49	1496	0.004	0.57	<0.01	0.28	<0.5	0.13	3.5	10.4	2.12	<5	6	9070	2.580		
2695020	Drill Core	1.4	4.3	0.17	105	0.002	0.18	<0.01	0.09	<0.5	6.60	1.4	272.3	23.44	<5	23	34736	3.546		
2695021	Drill Core	1.9	8.2	0.17	145	0.003	0.32	<0.01	0.13	<0.5	4.10	2.7	240.6	16.67	<5	24	43357	3.292		
2695022	Drill Core	1.1	4.8	0.15	84	0.002	0.18	<0.01	0.07	<0.5	5.34	2.0	279.7	18.54	<5	28	61335	3.434		
2695023	Rock Pulp	7.1	17.5	0.75	136	0.158	1.84	0.24	0.22	0.7	<0.05	3.3	<0.5	<0.05	5	<2	598	I.S.		
2695024	Drill Core	1.0	4.4	0.22	93	0.001	0.12	<0.01	0.04	<0.5	7.72	2.1	267.1	20.36	<5	23	67252	3.689	6.16	23.66
2695025	Drill Core	2.2	6.0	0.15	208	0.002	0.27	<0.01	0.14	<0.5	3.38	3.5	156.3	11.49	<5	22	38257	3.076		
2695026	Drill Core	1.5	7.5	0.10	106	0.002	0.28	<0.01	0.11	<0.5	5.91	2.8	220.0	14.08	6	19	67336	3.305		
2695027	Drill Core	0.9	4.2	0.16	79	<0.001	0.16	<0.01	0.04	<0.5	8.49	1.9	313.8	19.53	5	25	55123	3.569	5.45	22.20
2695028	Drill Core	2.4	5.4	0.18	161	0.002	0.29	<0.01	0.12	<0.5	4.74	2.6	220.5	13.54	6	28	42762	3.160		

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CERTIFICATE OF ANALYSIS VAN15001965.1

	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
2695029	Drill Core	2.06	18.3	18.7	1438.0	3657	2.1	79.1	7.5	68	1.59	10	4.8	4.4	274	21.6	4.6	<0.5	76	0.58	0.053
2695030	Drill Core	2.11	20.3	63.3	24617.8	120592	29.1	49.1	3.2	669	10.06	30	3.7	0.6	510	803.7	37.4	<0.5	70	1.71	0.028
2695031	Drill Core	1.12	9.3	16.9	1514.7	4203	2.1	51.6	6.3	151	2.08	10	2.9	5.5	815	26.8	4.6	<0.5	69	0.95	0.065
2695032	Drill Core	2.13	8.4	49.5	>40000	192496	36.5	22.5	1.5	810	12.40	23	1.7	<0.5	487	1212.9	32.2	<0.5	43	1.99	0.018
2695033 DUP 2695032	Drill Core		8.3	49.4	>40000	196742	37.7	24.5	1.5	812	12.85	21	1.6	<0.5	512	1283.8	34.8	<0.5	40	2.02	0.017
2695034	Drill Core	2.25	22.7	46.0	21037.3	123690	34.1	44.7	2.9	893	14.21	34	3.9	0.7	195	719.5	25.8	<0.5	116	1.09	0.030
2695035	Drill Core	2.80	25.2	42.6	39563.6	189864	34.8	40.0	2.5	850	11.64	32	2.9	0.7	402	1116.9	31.6	<0.5	85	1.44	0.030
2695036	Drill Core	2.11	24.4	35.0	14870.6	80354	16.4	61.0	4.8	383	7.38	29	3.9	2.0	309	480.1	16.0	<0.5	146	0.47	0.041
2695037	Drill Core	2.70	17.6	34.9	>40000	>200000	24.5	30.9	2.2	540	7.47	27	2.8	<0.5	395	1129.5	23.5	<0.5	73	1.69	0.026
2695038	Drill Core	2.23	19.9	41.1	29075.5	168883	22.2	45.5	3.0	498	6.24	32	3.6	0.7	1299	796.3	38.1	<0.5	87	1.36	0.031
2695039	Drill Core	1.97	20.8	16.3	1322.2	7282	2.7	64.1	5.2	81	1.42	15	5.6	3.0	538	42.9	7.0	<0.5	83	0.53	0.075
2695040	Drill Core	4.15	30.5	74.6	>40000	179333	32.8	50.9	3.2	587	8.83	50	3.6	0.8	243	1090.4	85.0	<0.5	75	1.06	0.030
2695041	Drill Core	3.27	18.9	24.9	847.5	14029	3.0	61.7	5.2	353	3.11	22	3.0	4.0	160	88.4	15.4	<0.5	74	1.12	0.086
2695042	Drill Core	2.87	15.8	10.1	307.1	5773	0.7	73.9	6.3	262	1.61	5	3.4	5.7	171	30.0	5.1	<0.5	111	1.28	0.148
2695043	Rock Pulp	0.02	10.7	5544.4	22995.2	26393	84.4	13.8	15.5	2275	3.30	39	<0.5	0.9	98	188.4	240.4	3.6	27	3.03	0.044
2695044	Drill Core	2.64	24.6	58.8	597.0	15151	3.5	94.3	7.1	246	6.75	33	3.9	3.8	85	87.9	30.0	<0.5	83	0.63	0.054
2695045	Drill Core	2.71	22.0	80.1	464.3	9239	5.0	92.1	6.9	325	9.44	43	4.2	3.8	78	55.9	43.2	<0.5	84	0.75	0.052
2695046	Drill Core	2.14	23.2	38.0	352.7	9100	2.7	95.8	6.1	664	6.56	25	4.2	3.8	130	60.4	21.0	<0.5	68	1.70	0.054
2695047	Drill Core	1.47	26.7	54.7	546.0	10244	4.0	106.1	5.7	494	7.64	61	4.5	3.8	152	90.5	34.5	<0.5	69	1.49	0.048
2695048	Drill Core	2.68	22.3	53.4	484.1	1708	4.8	101.1	6.2	582	8.88	69	4.2	3.6	136	15.6	31.3	<0.5	74	1.54	0.066
2695049	Drill Core	1.85	14.3	58.4	633.8	263	7.3	67.3	4.5	737	14.07	56	2.3	2.6	171	2.8	37.2	<0.5	61	2.07	0.059
2695050	Drill Core	2.13	26.9	57.3	447.7	2553	7.2	100.5	5.4	340	11.18	78	4.1	3.4	232	23.4	47.6	<0.5	67	1.27	0.062
2695051	Drill Core	2.62	23.4	41.4	420.2	1577	5.0	102.0	6.0	879	9.40	67	4.5	3.9	199	15.5	25.0	<0.5	72	2.57	0.063
2695052	Drill Core	2.84	14.6	44.7	467.4	131	9.0	76.5	5.3	1027	13.29	61	2.6	3.0	131	1.6	28.3	<0.5	59	2.51	0.075
2695053 DUP 2695052	Drill Core		17.1	45.3	468.3	126	9.4	75.4	5.5	986	13.52	64	2.8	3.2	136	1.3	29.8	<0.5	61	2.57	0.081
2695054	Drill Core	2.72	15.9	49.8	778.1	40	11.3	60.7	4.3	624	17.26	82	1.9	2.4	50	0.7	30.8	<0.5	52	0.71	0.039
2695055	Drill Core	1.51	14.1	52.4	876.1	125	7.3	64.0	4.2	648	15.16	49	2.2	2.6	144	1.2	24.4	<0.5	45	2.08	0.033
2695056	Drill Core	3.51	17.3	39.5	398.3	28	4.8	93.0	6.8	398	4.03	40	2.9	4.8	131	<0.5	11.9	<0.5	58	2.00	0.069
2695057	Drill Core	1.72	9.7	24.4	399.4	396	2.0	57.9	4.0	1641	6.00	19	1.9	1.2	781	2.5	7.4	<0.5	36	21.68	0.036
2695058	Drill Core	3.32	2.5	6.5	240.7	231	<0.5	9.8	0.9	1768	4.86	<5	1.1	<0.5	887	1.7	1.7	<0.5	18	27.88	0.020

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Project: AKIE
Report Date: September 02, 2015

CERTIFICATE OF ANALYSIS VAN15001965.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695029	Drill Core	6.3	7.0	0.12	810	0.003	0.44	<0.01	0.23	<0.5	0.15	2.9	18.3	2.03	<5	9	28253	2.651		
2695030	Drill Core	2.0	5.2	0.17	119	0.003	0.27	<0.01	0.12	0.6	4.44	2.0	230.9	17.33	6	34	50966	3.274		
2695031	Drill Core	9.8	8.0	0.31	1016	0.004	0.46	<0.01	0.24	<0.5	0.15	3.6	23.6	2.09	<5	6	52793	2.760		
2695032	Drill Core	1.0	4.7	0.22	79	0.001	0.08	0.01	0.02	<0.5	6.77	1.7	267.8	23.43	6	25	60804	3.767	4.95	21.34
2695033 DUP 2695032	Drill Core	1.0	4.1	0.22	112	<0.001	0.07	<0.01	0.02	<0.5	6.69	1.9	256.1	23.70	6	27	60932	3.768	4.99	21.57
2695034	Drill Core	3.2	8.3	0.14	104	0.002	0.23	<0.01	0.09	<0.5	4.40	2.6	271.7	22.25	<5	23	43494	3.489		
2695035	Drill Core	3.6	6.0	0.16	87	0.001	0.21	0.01	0.06	<0.5	6.13	2.5	345.8	23.39	7	21	45409	3.589		
2695036	Drill Core	10.0	12.2	0.25	212	0.004	0.47	<0.01	0.17	<0.5	2.37	5.0	218.1	11.95	<5	17	56286	3.082		
2695037	Drill Core	2.8	5.3	0.18	70	0.001	0.17	0.01	0.06	<0.5	6.81	2.2	317.7	19.50	<5	16	83144	3.680	4.87	23.07
2695038	Drill Core	4.3	6.9	0.23	252	0.002	0.63	<0.01	0.09	<0.5	6.24	3.3	275.2	15.04	<5	25	69956	3.311		
2695039	Drill Core	12.5	7.5	0.15	2376	0.002	1.21	<0.01	0.14	<0.5	0.29	3.0	15.7	1.08	<5	6	45884	2.671		
2695040	Drill Core	4.1	5.3	0.14	159	0.003	0.59	<0.01	0.10	<0.5	8.09	2.4	287.2	19.29	5	60	42334	3.400	4.85	19.28
2695041	Drill Core	12.6	6.7	0.28	386	0.004	0.40	<0.01	0.21	<0.5	0.59	2.1	38.6	4.43	<5	18	12345	2.633		
2695042	Drill Core	19.0	12.1	0.41	1683	0.006	0.64	<0.01	0.34	<0.5	0.25	3.2	6.6	1.79	<5	9	14928	2.643		
2695043	Rock Pulp	4.1	25.7	0.63	80	0.056	0.85	0.05	0.17	4.9	0.40	1.1	1.0	2.82	<5	<2	399	I.S.		
2695044	Drill Core	11.5	6.5	0.11	400	0.004	0.41	<0.01	0.24	<0.5	0.58	1.7	53.7	8.68	<5	41	8072	2.755		
2695045	Drill Core	10.9	6.9	0.09	315	0.005	0.45	<0.01	0.25	0.7	0.41	1.7	65.1	11.64	<5	34	6417	2.784		
2695046	Drill Core	10.3	5.8	0.14	507	0.004	0.37	<0.01	0.22	<0.5	0.42	2.0	49.5	8.04	<5	32	6568	2.743		
2695047	Drill Core	9.1	6.6	0.11	203	0.004	0.34	<0.01	0.20	<0.5	0.48	1.6	77.8	8.99	<5	27	5873	2.772		
2695048	Drill Core	9.1	8.7	0.11	182	0.004	0.33	<0.01	0.21	<0.5	0.18	1.5	64.8	9.98	<5	27	5173	2.788		
2695049	Drill Core	8.8	9.6	0.07	145	0.004	0.29	<0.01	0.17	<0.5	0.13	1.9	92.4	15.71	<5	17	3978	2.990		
2695050	Drill Core	8.5	6.4	0.08	157	0.004	0.33	<0.01	0.20	<0.5	0.30	1.3	135.6	12.55	<5	33	5042	2.876		
2695051	Drill Core	10.0	9.2	0.13	204	0.004	0.36	<0.01	0.21	0.5	0.19	2.1	83.5	10.39	<5	27	4724	2.758		
2695052	Drill Core	9.1	10.2	0.08	147	0.003	0.32	<0.01	0.19	<0.5	0.17	1.7	102.4	14.85	<5	15	4127	2.913		
2695053 DUP 2695052	Drill Core	9.7	10.3	0.08	183	0.004	0.32	<0.01	0.20	<0.5	0.14	1.9	111.4	14.84	<5	16	4170	2.944		
2695054	Drill Core	5.8	7.5	0.07	102	0.003	0.26	<0.01	0.15	<0.5	0.19	1.4	119.9	20.14	<5	11	3383	3.120		
2695055	Drill Core	6.8	7.2	0.09	132	0.003	0.24	<0.01	0.16	<0.5	0.12	2.0	87.7	17.20	<5	13	3298	3.063		
2695056	Drill Core	12.2	11.1	0.19	542	0.004	0.36	<0.01	0.23	<0.5	0.10	2.0	41.5	4.57	<5	12	5054	2.684		
2695057	Drill Core	23.7	5.4	0.22	311	0.002	0.16	<0.01	0.09	<0.5	0.11	1.9	18.2	6.71	<5	4	3431	2.807		
2695058	Drill Core	18.8	1.3	0.48	317	<0.001	0.05	<0.01	0.02	<0.5	0.07	0.6	7.6	5.39	<5	<2	2261	2.831		

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2695059	Drill Core	0.96	29.1	29.5	254.3	468	1.6	116.2	5.5	490	4.40	19	9.0	1.9	480	3.9	5.3	<0.5	53	7.98	0.078
2695060	Drill Core	1.05	20.4	41.6	402.8	1304	2.1	90.4	5.3	400	7.57	15	9.7	1.5	437	12.1	8.3	<0.5	38	6.19	0.046
2695061	Drill Core	2.27	1.9	12.2	94.5	137	0.8	23.7	3.8	555	2.82	<5	0.9	3.6	560	1.2	1.3	<0.5	<10	9.62	0.022
2695062	Drill Core	2.88	0.9	8.6	45.8	53	<0.5	20.4	4.6	504	1.88	<5	0.7	6.3	631	<0.5	1.3	<0.5	<10	6.06	0.043
2695063	Rock Pulp	0.02	5.8	95.3	5.4	44	<0.5	14.7	10.2	544	3.41	<5	1.0	3.6	102	<0.5	<0.5	<0.5	96	1.11	0.056
2695064	Drill Core	2.83	1.6	9.8	27.5	13	<0.5	18.1	4.2	511	1.79	<5	0.9	7.3	728	<0.5	1.8	<0.5	11	7.99	0.035
2695065	Drill Core	2.49	6.2	18.8	45.5	23	<0.5	50.5	6.5	435	2.09	6	2.5	8.0	487	<0.5	2.7	<0.5	23	6.15	0.072
2695066	Drill Core	2.77	4.7	18.5	54.5	17	0.8	44.7	4.7	410	2.76	<5	1.8	5.6	392	<0.5	3.0	<0.5	31	5.28	0.089
2695067	Drill Core	2.64	3.3	11.1	29.6	18	<0.5	43.6	3.6	320	1.29	<5	1.7	5.2	353	<0.5	1.7	<0.5	28	4.09	0.115
2695068	Drill Core	2.12	1.4	8.0	15.3	31	<0.5	38.8	3.5	361	1.43	<5	0.9	5.4	264	<0.5	1.2	<0.5	17	3.73	0.041
2695069	Drill Core	1.04	2.2	21.0	57.6	125	0.7	51.7	4.7	431	4.45	<5	1.2	4.0	601	1.0	2.2	<0.5	19	7.88	0.094
2695070	Drill Core	1.84	0.8	8.2	23.8	58	<0.5	43.4	4.2	387	1.89	<5	0.6	4.3	317	<0.5	1.2	<0.5	<10	4.64	0.020
2695071	Drill Core	2.35	0.7	6.9	24.3	47	<0.5	31.6	3.9	374	1.32	<5	0.7	4.6	391	<0.5	1.1	<0.5	<10	5.49	0.036
2695072	Drill Core	2.42	1.3	7.5	14.6	45	<0.5	21.8	3.1	339	0.92	<5	0.7	4.1	417	<0.5	1.0	<0.5	13	5.62	0.028
2695073 DUP 2695072	Drill Core		1.5	8.1	14.9	43	<0.5	23.9	3.1	338	0.94	<5	0.8	4.8	420	<0.5	1.2	<0.5	11	5.69	0.032
2695074	Drill Core	2.87	1.0	7.9	21.8	27	<0.5	20.7	4.4	349	1.24	<5	0.9	5.5	237	<0.5	1.2	<0.5	10	5.20	0.052
2695075	Drill Core	2.18	6.0	14.5	22.9	8	<0.5	36.4	4.3	421	1.41	5	1.6	4.8	410	<0.5	2.2	<0.5	18	7.76	0.058

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695059	Drill Core	12.9	6.0	0.16	349	0.003	0.23	<0.01	0.13	<0.5	0.15	1.5	11.4	4.93	<5	10	6276	2.713		
2695060	Drill Core	13.4	4.5	0.08	247	0.002	0.16	<0.01	0.09	<0.5	0.34	1.4	27.0	8.42	<5	9	3654	2.821		
2695061	Drill Core	17.0	3.8	1.11	690	0.001	0.21	<0.01	0.12	<0.5	0.13	2.6	10.8	2.81	<5	<2	32627	2.724		
2695062	Drill Core	19.4	6.3	1.43	1780	0.002	0.25	<0.01	0.15	<0.5	<0.05	3.4	2.8	1.36	<5	<2	49718	2.727		
2695063	Rock Pulp	8.0	18.1	0.77	145	0.167	1.93	0.25	0.22	0.8	<0.05	3.3	<0.5	<0.05	5	<2	580	I.S.		
2695064	Drill Core	25.3	4.7	1.15	1525	0.002	0.22	<0.01	0.14	<0.5	<0.05	3.4	2.6	1.61	<5	<2	37344	2.718		
2695065	Drill Core	23.7	7.6	1.29	1073	0.003	0.31	<0.01	0.18	<0.5	0.06	4.2	3.2	2.01	<5	<2	25525	2.683		
2695066	Drill Core	17.0	5.5	1.39	767	0.003	0.23	<0.01	0.14	<0.5	0.09	3.0	7.1	2.85	<5	3	21382	2.723		
2695067	Drill Core	16.4	7.1	1.09	2310	0.003	0.29	<0.01	0.17	<0.5	0.07	2.7	4.7	1.19	<5	<2	23051	2.639		
2695068	Drill Core	13.0	5.5	1.63	2285	0.003	0.27	<0.01	0.17	<0.5	<0.05	2.7	2.3	1.32	<5	<2	22543	2.657		
2695069	Drill Core	19.5	6.0	0.94	365	0.004	0.29	<0.01	0.15	<0.5	0.11	3.4	7.0	4.90	<5	<2	22267	2.739		
2695070	Drill Core	12.0	5.3	1.42	1587	0.003	0.27	<0.01	0.18	<0.5	0.07	2.9	3.6	1.82	<5	<2	18757	2.646		
2695071	Drill Core	12.9	5.2	1.51	1209	0.002	0.25	<0.01	0.15	<0.5	<0.05	3.2	2.5	1.22	<5	<2	18448	2.683		
2695072	Drill Core	12.0	4.5	1.19	1273	0.002	0.22	<0.01	0.15	<0.5	<0.05	2.6	1.6	0.80	<5	<2	18397	2.647		
2695073 DUP 2695072	Drill Core	12.5	4.4	1.19	1288	0.002	0.24	<0.01	0.14	<0.5	<0.05	2.8	1.8	0.81	<5	<2	18212	2.655		
2695074	Drill Core	14.5	6.2	1.81	1296	0.003	0.36	<0.01	0.21	<0.5	0.06	2.7	1.5	1.07	<5	<2	15658	2.684		
2695075	Drill Core	16.6	4.8	1.58	998	0.003	0.28	<0.01	0.16	<0.5	0.07	3.1	2.0	1.29	<5	<2	10955	2.645		

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Project: AKIE
Report Date: September 02, 2015

QUALITY CONTROL REPORT VAN15001965.1

	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																					
2694956	Drill Core	3.28	31.8	39.9	2271.2	16793	5.2	87.4	5.2	356	12.47	82	1.3	2.7	139	98.7	20.7	<0.5	59	0.52	0.020
REP 2694956	QC		29.7	39.4	2245.5	16469	5.0	86.0	5.0	363	12.35	78	1.3	2.7	128	88.0	19.8	<0.5	58	0.52	0.022
2694964	Drill Core	2.76	27.6	46.6	1989.1	16815	4.6	90.9	5.8	246	9.84	71	3.7	3.9	97	96.8	25.5	<0.5	61	0.48	0.049
REP 2694964	QC																				
2694991	Drill Core	3.02	22.3	41.0	3181.2	25795	4.7	78.5	5.4	345	9.35	43	3.0	1.6	666	138.3	29.1	<0.5	73	0.96	0.024
REP 2694991	QC		22.3	38.4	3120.9	25480	4.8	73.4	5.1	340	9.03	40	2.9	1.5	619	133.4	27.7	<0.5	74	0.95	0.025
REP 2694999	QC																				
2695026	Drill Core	1.85	14.9	51.0	34353.9	136342	27.4	45.3	3.2	388	6.08	18	3.3	0.7	1624	930.8	22.2	<0.5	87	2.33	0.011
REP 2695026	QC		13.8	49.0	34746.5	137193	27.1	44.3	3.4	390	5.94	17	3.3	0.6	1594	948.6	21.7	<0.5	86	2.38	0.008
2695034	Drill Core	2.25	22.7	46.0	21037.3	123690	34.1	44.7	2.9	893	14.21	34	3.9	0.7	195	719.5	25.8	<0.5	116	1.09	0.030
REP 2695034	QC																				
2695040	Drill Core	4.15	30.5	74.6	>40000	179333	32.8	50.9	3.2	587	8.83	50	3.6	0.8	243	1090.4	85.0	<0.5	75	1.06	0.030
REP 2695040	QC																				
2695046	Drill Core	2.14	23.2	38.0	352.7	9100	2.7	95.8	6.1	664	6.56	25	4.2	3.8	130	60.4	21.0	<0.5	68	1.70	0.054
REP 2695046	QC		22.8	40.8	352.9	9182	2.3	96.8	6.1	661	6.62	24	4.2	3.9	129	63.1	21.6	<0.5	69	1.69	0.059
2695062	Drill Core	2.88	0.9	8.6	45.8	53	<0.5	20.4	4.6	504	1.88	<5	0.7	6.3	631	<0.5	1.3	<0.5	<10	6.06	0.043
REP 2695062	QC		0.6	8.6	43.5	49	<0.5	20.7	4.3	479	1.83	<5	0.7	6.4	605	<0.5	1.1	<0.5	<10	5.73	0.043
2695069	Drill Core	1.04	2.2	21.0	57.6	125	0.7	51.7	4.7	431	4.45	<5	1.2	4.0	601	1.0	2.2	<0.5	19	7.88	0.094
REP 2695069	QC																				
Core Reject Duplicates																					
2694965	Drill Core	3.94	30.5	44.8	1370.3	8873	3.7	94.6	6.6	222	7.53	59	3.3	5.0	129	51.8	20.3	<0.5	88	0.53	0.058
DUP 2694965	QC		30.8	47.6	1373.2	8836	4.1	93.3	6.8	201	7.40	63	3.4	5.2	134	50.2	22.4	<0.5	68	0.52	0.057
2694999	Drill Core	2.46	17.6	38.5	5136.4	41616	5.4	71.5	5.1	364	7.24	32	2.3	0.9	1135	269.7	19.2	<0.5	50	1.80	0.012
DUP 2694999	QC		19.1	39.4	5117.4	41192	5.2	71.4	5.3	351	7.02	33	2.3	1.0	1162	263.7	18.8	<0.5	44	1.79	0.012
2695067	Drill Core	2.64	3.3	11.1	29.6	18	<0.5	43.6	3.6	320	1.29	<5	1.7	5.2	353	<0.5	1.7	<0.5	28	4.09	0.115
DUP 2695067	QC		3.7	12.4	32.4	21	<0.5	46.5	3.8	346	1.44	<5	1.9	6.1	385	<0.5	1.7	<0.5	33	4.36	0.123
Reference Materials																					
STD CCU-1D	Standard																				

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Project: AKIE
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QUALITY CONTROL REPORT VAN15001965.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
Pulp Duplicates																				
2694956	Drill Core	7.7	8.8	0.21	104	0.005	0.51	<0.01	0.26	<0.5	0.39	3.0	48.2	15.10	<5	22	15259	2.967		
REP 2694956	QC	7.4	8.3	0.21	111	0.005	0.49	<0.01	0.24	<0.5	0.37	2.7	47.1	15.00	<5	21				
2694964	Drill Core	16.5	8.3	0.14	204	0.005	0.47	<0.01	0.22	<0.5	0.44	2.9	42.7	12.52	<5	25	10591	2.871		
REP 2694964	QC																10597			
2694991	Drill Core	4.9	8.3	0.24	184	0.003	0.48	<0.01	0.16	0.5	0.56	3.5	74.1	11.66	<5	23	43006	2.962		
REP 2694991	QC	4.5	8.6	0.25	157	0.003	0.51	<0.01	0.16	<0.5	0.54	3.4	74.6	11.13	<5	21				
REP 2694999	QC																56116			
2695026	Drill Core	1.5	7.5	0.10	106	0.002	0.28	<0.01	0.11	<0.5	5.91	2.8	220.0	14.08	6	19	67336	3.305		
REP 2695026	QC	1.3	7.4	0.09	116	0.002	0.27	<0.01	0.10	<0.5	5.88	3.1	219.6	14.47	6	19				
2695034	Drill Core	3.2	8.3	0.14	104	0.002	0.23	<0.01	0.09	<0.5	4.40	2.6	271.7	22.25	<5	23	43494	3.489		
REP 2695034	QC																42468			
2695040	Drill Core	4.1	5.3	0.14	159	0.003	0.59	<0.01	0.10	<0.5	8.09	2.4	287.2	19.29	5	60	42334	3.400	4.85	19.28
REP 2695040	QC																		4.87	19.31
2695046	Drill Core	10.3	5.8	0.14	507	0.004	0.37	<0.01	0.22	<0.5	0.42	2.0	49.5	8.04	<5	32	6568	2.743		
REP 2695046	QC	10.3	6.3	0.14	508	0.003	0.38	<0.01	0.22	<0.5	0.43	2.0	49.6	8.14	<5	31				
2695062	Drill Core	19.4	6.3	1.43	1780	0.002	0.25	<0.01	0.15	<0.5	<0.05	3.4	2.8	1.36	<5	<2	49718	2.727		
REP 2695062	QC	19.1	6.4	1.37	1814	0.002	0.25	<0.01	0.15	<0.5	<0.05	3.3	2.7	1.32	<5	<2				
2695069	Drill Core	19.5	6.0	0.94	365	0.004	0.29	<0.01	0.15	<0.5	0.11	3.4	7.0	4.90	<5	<2	22267	2.739		
REP 2695069	QC																22367			
Core Reject Duplicates																				
2694965	Drill Core	21.3	11.9	0.18	280	0.007	0.61	<0.01	0.30	<0.5	0.25	2.5	31.1	8.73	<5	18	10893	2.797		
DUP 2694965	QC	22.3	8.7	0.18	280	0.005	0.48	<0.01	0.26	<0.5	0.24	3.6	32.8	8.72	<5	22	10965	2.807		
2694999	Drill Core	1.3	6.7	0.25	204	0.002	0.30	<0.01	0.15	0.5	1.04	3.5	83.7	9.86	<5	16	57405	2.981		
DUP 2694999	QC	1.2	5.7	0.25	167	0.002	0.29	<0.01	0.14	0.5	1.01	3.7	84.6	9.62	<5	17	56185	2.979		
2695067	Drill Core	16.4	7.1	1.09	2310	0.003	0.29	<0.01	0.17	<0.5	0.07	2.7	4.7	1.19	<5	<2	23051	2.639		
DUP 2695067	QC	18.4	7.9	1.12	2508	0.003	0.32	<0.01	0.19	<0.5	0.07	2.8	5.3	1.34	<5	<2	23011	2.649		
Reference Materials																				
STD CCU-1D	Standard																		0.30	2.58

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Project: AKIE

Report Date: September 02, 2015

QUALITY CONTROL REPORT VAN15001965.1

		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 CZN-4	Standard																				
STD GBM398-4-AR	Standard		931.4	3855.2	11833.3	5474	50.0	4297.2	2005.2	5270	4.01	6	0.6	0.8	11	10.3	7.6	13.7	22	0.36	0.022
STD GBM398-4-AR	Standard		896.4	3867.3	11057.0	5082	48.3	3878.3	1855.2	5160	3.73	6	0.6	0.8	10	8.9	6.7	11.9	26	0.34	0.017
STD GBM398-4-AR	Standard		933.1	3881.1	11020.7	5273	47.7	3926.0	1866.8	5148	3.75	6	0.7	0.9	<5	8.2	7.3	13.3	27	0.36	0.017
STD GBM398-4-AR	Standard		875.8	3809.4	10922.0	5164	47.4	3928.9	1866.5	5128	3.62	7	0.6	0.8	11	8.6	7.0	12.0	25	0.32	0.020
STD GBM398-4-AR	Standard		912.6	4009.5	12827.3	5410	49.3	4176.8	2092.8	5484	3.94	7	0.6	0.8	13	7.1	7.0	12.9	26	0.32	0.020
STD GBM997-6	Standard																				
STD OREAS927-AR	Standard		1.0	10504.5	221.2	726	3.6	27.8	30.4	1076	7.96	14	1.7	12.4	14	0.8	1.4	70.1	33	0.32	0.054
STD OREAS927-AR	Standard		1.2	10754.5	241.5	710	4.8	28.2	29.6	1004	8.01	12	1.8	13.4	12	1.2	1.2	69.1	36	0.28	0.060
STD OREAS927-AR	Standard		0.9	10438.6	214.1	696	4.3	28.2	29.3	1015	7.94	12	1.6	11.5	12	1.0	1.2	59.5	35	0.28	0.053
STD OREAS927-AR	Standard		1.4	10819.1	239.4	755	4.4	31.5	31.0	1186	8.31	11	1.7	12.7	14	1.3	1.4	68.6	38	0.27	0.053
STD PTC-1A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18 Expected																					
STD CZN-4 Expected																					
STD GBM997-6 Expected																					
STD CCU-1D Expected																					
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
BLK	Blank		<0.5	0.8	<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																				
BLK	Blank																				

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Project: AKIE

Report Date: September 02, 2015

QUALITY CONTROL REPORT VAN15001965.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
STD CZN-4	Standard																		0.18	53.77
STD GBM398-4-AR	Standard	2.8	1966.4	0.12	21	0.114	0.49	0.26	0.11	3.3	3.12	2.9	<0.5	0.91	<5	<2				
STD GBM398-4-AR	Standard	2.7	1864.8	0.12	22	0.110	0.50	0.25	0.11	2.7	3.14	1.4	<0.5	0.93	<5	3				
STD GBM398-4-AR	Standard	2.6	1841.7	0.12	22	0.111	0.44	0.24	0.09	3.1	3.42	1.0	0.8	0.90	<5	2				
STD GBM398-4-AR	Standard	2.5	1859.3	0.13	19	0.108	0.48	0.24	0.10	2.8	2.90	1.6	<0.5	0.92	<5	3				
STD GBM398-4-AR	Standard	3.1	2034.4	0.13	18	0.114	0.49	0.25	0.11	3.0	2.97	1.6	<0.5	0.98	<5	6				
STD GBM997-6	Standard																		23.67	15.13
STD OREAS927-AR	Standard	28.3	40.9	1.93	53	0.094	3.26	<0.01	0.30	4.8	0.11	5.8	<0.5	1.73	10	19				
STD OREAS927-AR	Standard	26.7	42.1	1.88	51	0.078	3.18	<0.01	0.27	5.1	0.12	5.0	1.2	1.79	9	15				
STD OREAS927-AR	Standard	26.0	41.4	1.94	44	0.078	3.08	<0.01	0.27	3.9	0.09	4.2	<0.5	1.86	9	15				
STD OREAS927-AR	Standard	27.9	41.8	1.98	50	0.093	3.36	<0.01	0.28	5.6	0.07	4.9	<0.5	1.88	10	17				
STD PTC-1A	Standard																		0.10	0.12
STD SO-18	Standard																484			
STD SO-18	Standard																490			
STD SO-18	Standard																487			
STD SO-18	Standard																486			
STD SO-18	Standard																503			
STD SO-18	Standard																494			
STD SO-18	Standard																499			
STD SO-18	Standard																498			
STD SO-18 Expected																	515			
STD CZN-4 Expected																			0.1861	55.24
STD GBM997-6 Expected																			23.75	15.83
STD CCU-1D Expected																			0.262	2.63
STD GBM398-4-AR		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		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5				
BLK	Blank	<0.5	0.9	<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																<10			
BLK	Blank																<10			

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		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																				
BLK	Blank		<0.5	0.5	1.3	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	1.4	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001
BLK	Blank																				
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
Prep Wash																					
ROCK-VAN	Prep Blank		0.9	9.4	2.1	43	<0.5	1.1	4.1	547	1.89	<5	<0.5	2.4	45	<0.5	<0.5	<0.5	25	0.90	0.047
ROCK-VAN	Prep Blank		0.8	10.7	1.9	39	<0.5	0.9	3.6	528	1.84	<5	0.5	2.2	46	<0.5	<0.5	<0.5	24	0.85	0.046

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 02, 2015

QUALITY CONTROL REPORT VAN15001965.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
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				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2				
BLK	Blank																		<0.01	0.02
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2				
Prep Wash																				
ROCK-VAN	Prep Blank	7.2	1.9	0.47	95	0.114	1.32	0.15	0.15	<0.5	0.05	6.9	<0.5	<0.05	<5	<2	803	2.597		
ROCK-VAN	Prep Blank	7.4	1.5	0.45	87	0.111	1.27	0.17	0.17	<0.5	<0.05	5.5	<0.5	<0.05	<5	<2	809	2.590		

MINERAL LABORATORIES
Canada

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By:	Nicholas Johnson
Receiving Lab:	Canada-Vancouver
Received:	August 18, 2015
Report Date:	September 14, 2015
Page:	1 of 4

CERTIFICATE OF ANALYSIS VAN15002038.1

CLIENT JOB INFORMATION

Project:	AKIE
Shipment ID:	Akie 125
P.O. Number	
Number of Samples:	88

SAMPLE DISPOSAL

RTRN-PLP	Return
DISP-RJT	Dispose of Reject After 90 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	79	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	2	Pulverize to 85% passing 200 mesh			VAN
SPTRF	2	Split samples by riffle splitter			VAN
AQ270	87	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	87	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	84	Specific Gravity on Pulp		Completed	VAN
AQ371	2	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS VAN15002038.1

	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
2695076	Drill Core	4.20	15.8	55.0	19.5	1522	0.7	70.7	7.5	79	1.59	22	3.4	6.1	172	16.0	12.9	<0.5	69	1.00	0.057
2695077	Drill Core	3.97	25.4	50.5	17.7	613	0.7	79.3	10.0	76	1.99	19	6.2	5.5	200	8.2	13.1	<0.5	70	0.85	0.051
2695078	Drill Core	2.04	16.5	85.5	30.2	86	1.6	68.4	7.4	509	5.40	31	3.3	3.6	428	1.3	33.2	<0.5	66	4.09	0.050
2695079	Drill Core	3.30	20.6	44.1	12.8	555	<0.5	74.7	9.7	89	1.80	21	5.4	5.4	128	5.5	9.2	<0.5	59	0.86	0.051
2695080	Drill Core	3.47	14.0	46.3	14.9	412	<0.5	63.8	8.6	147	1.94	19	2.7	6.8	289	3.6	10.0	<0.5	55	1.95	0.052
2695081	Drill Core	2.51	14.5	42.5	14.2	73	<0.5	55.8	8.7	80	1.70	18	2.5	5.7	278	<0.5	7.7	<0.5	41	1.17	0.050
2695082	Drill Core	1.41	6.8	9.4	2.1	836	<0.5	10.3	1.4	70	0.78	<5	2.1	0.7	287	6.2	1.1	<0.5	11	0.97	0.011
2695083	Rock Pulp	0.02	12.2	5368.4	23225.8	26470	88.3	13.0	15.1	2190	3.21	36	<0.5	0.8	90	169.1	233.9	3.3	25	3.05	0.042
2695084	Drill Core	2.54	25.3	40.6	18.2	323	<0.5	59.8	8.8	179	2.14	19	7.3	4.0	416	2.6	6.6	<0.5	39	2.00	0.042
2695085	Drill Core	3.36	13.8	86.6	28.0	63	1.4	59.1	5.9	828	5.83	36	3.5	2.7	530	1.4	32.5	<0.5	61	8.26	0.040
2695086	Drill Core	1.97	15.6	51.7	14.7	393	0.7	66.6	7.9	249	3.15	26	3.5	4.0	275	4.6	14.4	<0.5	58	3.11	0.028
2695087	Drill Core	2.08	21.6	36.6	13.2	1249	<0.5	77.6	10.8	58	1.71	22	4.8	5.4	81	12.7	7.8	<0.5	57	0.46	0.055
2695088	Drill Core	1.46	17.5	47.5	10.6	1125	<0.5	69.1	8.3	133	1.51	17	3.4	4.9	346	10.1	11.4	<0.5	58	1.78	0.039
2695089	Drill Core	4.41	16.7	41.9	17.0	30	<0.5	69.0	9.9	148	1.82	21	3.2	6.4	417	<0.5	9.2	<0.5	50	2.89	0.052
2695090	Drill Core	3.27	19.6	62.8	15.1	1769	<0.5	74.5	9.4	99	1.99	23	4.4	5.2	228	15.3	12.6	<0.5	57	1.30	0.049
2695091	Drill Core	2.82	13.7	32.2	15.0	9	<0.5	61.0	7.5	159	1.68	15	2.1	7.3	375	<0.5	6.9	<0.5	47	2.85	0.051
2695092	Drill Core	1.59	13.6	36.3	11.4	953	<0.5	50.5	7.0	70	1.37	14	3.2	4.6	193	8.3	6.5	<0.5	36	1.02	0.044
2695093 DUP 2695092	Drill Core		14.8	39.2	11.6	964	<0.5	55.2	7.1	70	1.39	13	3.3	4.8	204	8.7	6.5	<0.5	36	1.03	0.046
2695094	Drill Core	0.89	6.1	26.4	3.7	1224	<0.5	10.3	1.4	450	1.96	<5	2.3	0.7	761	9.3	2.4	<0.5	22	5.26	0.011
2695095	Drill Core	2.05	13.1	36.9	11.3	803	<0.5	50.7	7.2	57	1.16	14	2.8	5.0	252	7.4	4.7	<0.5	37	0.94	0.048
2695096	Drill Core	1.38	7.3	16.7	3.1	1507	<0.5	10.3	1.5	104	0.66	<5	2.1	0.8	610	13.9	1.1	<0.5	11	2.26	0.012
2695097	Drill Core	2.90	33.1	41.1	23.8	187	<0.5	68.1	11.6	84	2.25	24	9.4	4.7	214	1.6	7.2	<0.5	42	1.07	0.045
2695098	Drill Core	1.65	37.0	43.5	27.9	54	<0.5	82.8	12.8	84	2.45	27	11.0	5.4	91	<0.5	7.9	<0.5	44	0.74	0.049
2695099	Drill Core	3.20	35.4	48.2	27.5	53	<0.5	75.6	11.0	98	2.29	27	9.9	4.7	255	<0.5	8.2	<0.5	42	1.84	0.049
2695100	Drill Core	2.50	18.4	31.7	12.8	290	<0.5	59.3	7.4	105	1.73	17	4.7	3.5	241	2.5	6.3	<0.5	42	1.35	0.022
2695101	Drill Core	2.38	15.0	59.0	22.7	758	2.1	76.6	7.3	367	4.17	31	3.4	3.2	770	9.0	17.3	<0.5	46	4.96	0.015
2695102	Drill Core	2.13	17.8	35.7	9.9	802	<0.5	70.8	8.3	108	1.83	18	4.2	4.6	356	8.7	6.9	<0.5	53	1.78	0.023
2695103	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
2695104	Drill Core	2.03	16.9	65.8	24.3	23	1.5	67.0	7.1	575	5.13	27	6.1	3.3	679	0.6	22.0	<0.5	51	6.27	0.035
2695105	Drill Core	2.96	20.1	57.6	20.5	78	1.1	72.7	8.0	314	3.86	27	4.2	4.5	477	1.1	18.6	<0.5	55	2.99	0.034

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS VAN15002038.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2695076	Drill Core	25.1	7.7	0.18	1685	0.005	0.93	<0.01	0.28	<0.5	0.15	2.2	1.3	1.57	<5	9	14710	2.623		
2695077	Drill Core	22.1	7.8	0.08	1376	0.005	0.72	<0.01	0.29	<0.5	0.16	1.9	1.5	2.15	<5	7	10182	2.629		
2695078	Drill Core	15.3	7.6	0.27	364	0.004	1.22	<0.01	0.21	<0.5	0.23	2.8	3.7	5.66	<5	7	29442	2.748		
2695079	Drill Core	22.5	6.4	0.17	1404	0.004	0.93	<0.01	0.24	<0.5	0.14	2.0	1.3	1.80	<5	3	16691	2.614		
2695080	Drill Core	25.5	7.8	0.36	1209	0.005	0.81	<0.01	0.27	<0.5	0.13	2.5	0.9	1.91	<5	4	12304	2.577		
2695081	Drill Core	22.1	6.3	0.15	1762	0.004	0.70	<0.01	0.26	<0.5	0.10	1.7	1.0	1.77	<5	3	11352	2.621		
2695082	Drill Core	2.8	3.1	0.08	2697	0.001	0.18	<0.01	0.06	<0.5	0.13	<0.5	<0.5	0.61	<5	<2	4797	2.617		
2695083	Rock Pulp	3.2	24.1	0.64	78	0.058	0.83	0.04	0.20	4.3	0.40	0.9	0.8	2.73	<5	<2	396	I.S.		
2695084	Drill Core	16.2	5.4	0.45	933	0.003	0.56	<0.01	0.21	<0.5	0.13	2.6	1.3	2.26	<5	4	10518	2.574		
2695085	Drill Core	11.2	6.0	0.29	214	0.003	0.50	<0.01	0.16	<0.5	0.24	2.7	4.6	6.55	<5	7	22230	2.747		
2695086	Drill Core	16.2	6.5	0.26	381	0.005	0.57	<0.01	0.19	<0.5	0.17	2.3	2.4	3.38	<5	7	36251	2.618		
2695087	Drill Core	22.4	6.9	0.08	1290	0.005	0.81	<0.01	0.25	<0.5	0.24	1.9	1.5	1.84	<5	5	13634	2.579		
2695088	Drill Core	21.3	6.1	0.33	1666	0.004	0.75	<0.01	0.21	<0.5	0.21	2.5	1.2	1.48	<5	5	17185	2.554		
2695089	Drill Core	26.6	6.9	0.36	1695	0.004	0.70	<0.01	0.27	<0.5	0.09	3.7	1.5	1.83	<5	3	10562	2.552		
2695090	Drill Core	21.7	6.8	0.19	976	0.004	0.75	<0.01	0.22	<0.5	0.35	2.3	1.6	2.12	<5	4	14558	2.581		
2695091	Drill Core	26.2	7.0	0.41	1745	0.004	0.68	<0.01	0.28	<0.5	0.05	3.7	1.2	1.71	<5	3	9445	2.595		
2695092	Drill Core	19.0	5.9	0.13	1693	0.004	0.53	<0.01	0.23	<0.5	0.15	2.0	1.2	1.51	<5	3	10028	2.599		
2695093 DUP 2695092	Drill Core	20.2	5.6	0.13	1854	0.004	0.53	<0.01	0.23	<0.5	0.14	1.7	1.1	1.52	<5	3	10158	2.600		
2695094	Drill Core	3.3	3.2	1.61	2112	0.001	0.16	<0.01	0.06	<0.5	0.24	1.5	<0.5	1.28	<5	3	8257	2.668		
2695095	Drill Core	19.6	6.5	0.09	2607	0.004	0.57	<0.01	0.23	<0.5	0.15	1.7	1.1	1.28	<5	3	8360	2.600		
2695096	Drill Core	3.3	3.3	0.14	3860	0.001	0.14	<0.01	0.06	<0.5	0.31	1.0	<0.5	0.58	<5	<2	6855	2.603		
2695097	Drill Core	18.1	5.5	0.24	1042	0.004	0.61	<0.01	0.23	<0.5	0.09	2.2	2.5	2.39	<5	7	9913	2.463		
2695098	Drill Core	20.8	6.4	0.29	910	0.004	0.90	<0.01	0.27	<0.5	0.12	2.9	2.9	2.43	<5	4	14843	2.501		
2695099	Drill Core	19.5	6.0	0.32	963	0.004	0.70	<0.01	0.23	<0.5	0.07	2.7	2.7	2.38	<5	7	12258	2.484		
2695100	Drill Core	15.0	5.6	0.24	1107	0.003	0.48	<0.01	0.20	<0.5	0.13	2.4	1.8	1.83	<5	3	16098	2.584		
2695101	Drill Core	13.9	6.2	0.42	294	0.002	0.40	<0.01	0.17	<0.5	0.26	3.1	6.4	4.63	<5	8	25544	2.691		
2695102	Drill Core	20.0	6.9	0.20	772	0.003	0.51	<0.01	0.21	<0.5	0.22	2.2	2.7	1.90	<5	5	36234	2.635		
2695103	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.		
2695104	Drill Core	14.2	5.5	0.37	250	0.003	0.44	<0.01	0.16	<0.5	0.20	2.7	7.0	5.62	<5	5	43085	2.751		
2695105	Drill Core	19.0	6.7	0.16	344	0.003	0.57	<0.01	0.21	<0.5	0.16	2.8	5.6	4.22	<5	9	17782	2.665		

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PO Box 11121, Royal Centre
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Project: AKIE
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS VAN15002038.1

	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
2695106	Drill Core	2.95	16.0	35.8	12.7	951	<0.5	67.5	8.3	163	1.90	14	4.0	5.6	498	10.9	6.2	<0.5	47	3.59	0.035
2695107	Drill Core	2.61	10.2	23.9	14.6	18	<0.5	50.3	6.7	156	1.70	12	3.5	6.4	570	<0.5	4.9	<0.5	41	3.84	0.044
2695108	Drill Core	1.43	10.1	10.8	26.0	1265	<0.5	39.8	4.3	156	1.24	8	4.3	2.8	648	11.1	3.0	<0.5	32	2.90	0.019
2695109	Drill Core	1.22	55.5	78.2	1491.7	21023	3.4	160.3	7.2	242	11.78	56	4.5	4.5	157	138.6	52.1	<0.5	88	0.36	0.015
2695110	Drill Core	2.40	20.4	34.0	2641.9	20983	4.5	63.6	4.5	318	9.15	53	4.7	1.5	562	106.1	13.6	<0.5	66	3.09	0.016
2695111	Drill Core	1.07	23.1	29.0	2644.3	16116	3.6	73.9	6.6	177	7.57	38	1.7	2.1	210	80.8	10.0	<0.5	69	0.37	0.020
2695112	Drill Core	1.73	34.6	42.7	6711.1	59739	9.6	85.5	3.3	577	18.70	87	2.1	<0.5	872	303.7	18.4	<0.5	72	2.23	0.010
2695113 DUP 2695112	Drill Core		34.2	38.7	6444.5	56721	9.4	78.5	3.3	545	17.70	88	2.1	<0.5	882	303.2	21.1	<0.5	69	2.12	0.011
2695114	Drill Core	1.66	9.1	21.2	598.5	1887	0.9	56.4	6.4	59	1.75	11	1.1	2.5	375	8.4	2.7	<0.5	59	0.18	0.035
2695115	Drill Core	2.95	27.2	40.3	7078.0	57585	9.8	72.0	3.0	534	18.19	81	1.9	0.7	731	281.5	18.0	<0.5	67	1.45	0.019
2695116	Drill Core	2.84	28.3	22.0	2580.6	11354	2.3	79.9	6.2	654	3.87	19	5.6	2.9	2308	56.6	4.6	<0.5	88	4.42	0.126
2695117	Drill Core	3.34	19.7	40.1	6976.2	49663	6.4	64.3	4.7	482	11.23	55	1.6	0.9	1007	245.1	12.3	<0.5	57	1.62	0.039
2695118	Drill Core	2.13	29.2	50.8	7647.9	51017	8.8	78.2	3.2	552	16.81	81	2.7	0.7	740	265.0	19.0	<0.5	67	1.67	0.036
2695119	Drill Core	2.36	6.7	16.2	440.3	2308	<0.5	54.6	6.9	406	2.28	5	1.4	4.2	1000	9.9	1.3	<0.5	47	1.33	0.054
2695120	Drill Core	2.20	8.1	21.5	499.2	1637	0.5	57.9	7.2	547	2.80	8	1.7	4.5	846	7.9	1.9	<0.5	56	1.42	0.053
2695121	Drill Core	2.16	29.1	53.4	6745.4	41723	9.7	77.1	3.7	576	14.89	74	1.6	<0.5	757	212.9	15.1	<0.5	53	1.54	0.016
2695122	Drill Core	1.00	9.5	23.5	806.0	1734	0.9	60.6	6.2	78	1.55	12	1.4	3.2	169	8.1	1.8	<0.5	59	0.09	0.038
2695123	Rock Pulp	0.02	9.5	5474.7	23541.3	26745	83.3	13.8	13.8	2332	3.16	37	<0.5	0.9	86	167.1	234.5	3.1	28	3.04	0.047
2695124	Drill Core	5.36	23.3	37.2	8930.4	88263	9.6	70.2	3.1	715	13.45	55	2.0	<0.5	848	393.5	13.4	<0.5	61	1.88	0.027
2695125	Drill Core	2.05	6.0	23.2	1065.3	2644	1.1	54.3	6.7	136	1.90	11	1.2	3.4	637	11.5	2.1	<0.5	52	0.43	0.043
2695126	Drill Core	4.32	21.3	37.8	8293.1	87404	10.9	62.0	3.4	567	13.31	53	1.6	<0.5	790	393.0	10.6	<0.5	53	1.28	0.013
2695127	Drill Core	2.76	24.5	31.8	5693.6	24845	7.3	87.7	5.5	391	8.80	38	3.2	1.3	646	116.1	6.4	<0.5	75	1.49	0.075
2695128	Drill Core	2.41	14.7	35.8	7167.4	53189	7.7	54.1	4.2	431	8.11	32	1.5	0.8	907	247.2	7.4	<0.5	49	1.63	0.047
2695129	Drill Core	3.86	27.4	41.6	20629.5	130088	17.5	62.3	2.5	612	13.36	59	1.9	<0.5	737	687.8	10.9	<0.5	60	1.53	0.029
2695130	Drill Core	3.62	24.7	51.2	20953.9	140816	18.6	57.4	2.6	619	13.60	56	2.3	<0.5	467	711.0	12.5	<0.5	52	1.02	0.024
2695131	Drill Core	2.00	4.8	19.0	1551.8	3262	1.2	50.6	6.6	126	1.69	9	1.7	2.8	644	16.2	1.6	<0.5	50	0.90	0.075
2695132	Drill Core	2.42	11.4	22.8	7558.9	35485	5.1	55.9	5.7	348	4.33	16	2.8	2.2	520	194.8	4.5	<0.5	55	1.35	0.056
2695133 DUP 2695132	Drill Core		11.1	23.8	7719.9	36541	5.2	57.2	5.9	390	4.44	17	2.7	2.3	519	184.9	4.9	<0.5	56	1.39	0.065
2695134	Drill Core	2.13	3.9	4.6	2612.5	1310	0.8	16.4	1.7	172	0.84	<5	0.9	<0.5	558	7.6	1.5	<0.5	25	0.91	0.016
2695135	Drill Core	3.05	34.0	32.5	3015.6	7896	4.4	112.8	9.2	102	2.44	22	7.0	3.7	281	45.2	5.3	<0.5	117	0.78	0.135

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Project: AKIE
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS VAN15002038.1

Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2695106	Drill Core	22.0	5.6	0.32	911	0.004	0.48	<0.01	0.20	<0.5	0.18	2.7	2.6	2.05	<5	4	16690	2.603		
2695107	Drill Core	24.9	6.8	0.28	1270	0.004	0.58	<0.01	0.26	<0.5	0.07	3.3	2.5	1.79	<5	<2	12959	2.606		
2695108	Drill Core	11.8	5.6	0.25	1642	0.003	0.29	<0.01	0.13	<0.5	0.19	1.8	2.3	1.29	<5	5	21306	2.652		
2695109	Drill Core	13.3	8.6	0.10	85	0.003	0.46	<0.01	0.19	1.5	1.47	1.8	46.2	13.98	<5	43	19362	2.872		
2695110	Drill Core	3.2	8.8	0.14	111	0.002	0.46	<0.01	0.18	<0.5	0.57	3.0	74.1	11.35	<5	10	53118	2.979		
2695111	Drill Core	3.6	9.3	0.07	140	0.002	0.57	<0.01	0.22	0.5	0.48	4.0	57.3	9.32	<5	11	24564	2.786		
2695112	Drill Core	1.8	8.6	0.11	123	0.001	0.24	<0.01	0.08	0.6	1.01	3.2	197.2	23.77	<5	12	46173	3.405		
2695113 DUP 2695112	Drill Core	1.7	8.2	0.11	61	0.001	0.23	<0.01	0.08	0.6	1.22	2.6	184.2	22.45	<5	16	44899	3.408		
2695114	Drill Core	2.4	8.3	0.09	922	0.003	0.60	<0.01	0.25	<0.5	0.12	5.2	10.0	1.98	<5	4	31333	2.658		
2695115	Drill Core	1.7	9.3	0.14	59	0.002	0.24	<0.01	0.08	0.6	1.18	2.9	191.8	23.12	<5	15	41309	3.388		
2695116	Drill Core	3.4	8.8	0.20	440	0.005	0.48	<0.01	0.23	1.8	0.24	3.2	33.2	4.02	<5	6	55120	2.745		
2695117	Drill Core	1.7	9.1	0.22	118	0.003	0.41	<0.01	0.15	<0.5	0.85	3.8	134.8	14.38	<5	11	45127	3.056		
2695118	Drill Core	1.3	9.2	0.17	91	0.003	0.32	<0.01	0.14	0.6	0.84	3.0	181.3	20.75	<5	14	39790	3.328		
2695119	Drill Core	3.4	5.9	0.47	836	0.004	0.50	<0.01	0.26	<0.5	0.05	4.3	9.5	2.36	<5	<2	28073	2.720		
2695120	Drill Core	2.9	8.6	0.59	729	0.004	0.59	<0.01	0.29	<0.5	0.07	5.0	11.6	2.79	<5	2	26297	2.706		
2695121	Drill Core	1.2	8.0	0.28	173	0.002	0.25	<0.01	0.11	0.6	0.78	2.9	192.1	17.87	<5	9	54112	3.282		
2695122	Drill Core	1.9	8.3	0.21	1463	0.004	0.78	<0.01	0.28	<0.5	0.07	4.9	10.1	1.53	<5	3	29112	2.661		
2695123	Rock Pulp	3.2	24.0	0.63	78	0.056	0.81	0.04	0.20	4.8	0.39	1.2	1.3	2.74	<5	<2	386	I.S.		
2695124	Drill Core	1.0	9.5	0.33	101	0.002	0.25	<0.01	0.09	<0.5	1.30	3.4	208.5	18.34	5	9	58802	3.337		
2695125	Drill Core	2.5	9.3	0.35	1670	0.004	0.54	<0.01	0.27	<0.5	0.07	5.9	18.2	1.70	<5	<2	40367	2.717		
2695126	Drill Core	0.7	10.0	0.34	101	0.002	0.31	<0.01	0.09	0.5	1.49	3.3	212.7	18.06	<5	11	65882	3.365		
2695127	Drill Core	1.1	10.7	0.24	172	0.004	0.45	<0.01	0.19	0.6	0.43	4.5	114.9	10.46	<5	10	42528	2.948		
2695128	Drill Core	1.2	8.2	0.30	165	0.003	0.51	<0.01	0.14	<0.5	0.73	4.5	143.8	10.73	<5	7	60952	3.061		
2695129	Drill Core	0.6	9.6	0.19	60	0.001	0.23	<0.01	0.05	<0.5	2.38	3.0	259.7	20.66	5	6	85817	3.524		
2695130	Drill Core	<0.5	8.6	0.19	61	0.001	0.15	<0.01	0.05	<0.5	2.72	2.6	272.8	21.39	<5	12	87963	3.640		
2695131	Drill Core	2.1	8.1	0.25	750	0.005	0.58	<0.01	0.31	<0.5	0.11	4.8	20.5	2.03	<5	<2	32678	2.728		
2695132	Drill Core	2.1	8.2	0.19	175	0.004	0.46	<0.01	0.24	<0.5	0.58	4.6	56.9	6.73	<5	4	33623	2.856		
2695133 DUP 2695132	Drill Core	2.3	8.8	0.21	180	0.004	0.47	<0.01	0.23	<0.5	0.50	5.0	62.6	6.88	<5	8	33435	2.860		
2695134	Drill Core	0.8	4.0	0.09	3589	0.001	0.14	<0.01	0.06	<0.5	<0.05	0.5	5.5	0.72	<5	4	19389	2.664		
2695135	Drill Core	1.3	10.7	0.07	422	0.004	0.48	<0.01	0.26	<0.5	0.23	2.1	29.4	3.20	<5	15	12795	2.652		

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Project: AKIE
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS VAN15002038.1

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
2695136	Drill Core	3.34	18.9	69.9	22303.0	143071	21.3	47.3	2.8	388	10.99	43	2.3	<0.5	481	808.6	14.5	<0.5	46	1.63	0.020
2695137	Drill Core	2.50	20.3	73.3	26246.4	156956	24.2	48.5	2.1	348	12.55	47	2.6	<0.5	264	915.4	16.8	<0.5	41	1.24	0.017
2695138	Drill Core	2.05	20.9	29.5	3839.3	16856	4.9	81.1	6.9	155	3.27	20	4.0	2.6	557	93.8	5.3	<0.5	79	0.99	0.093
2695139	Drill Core	1.44	20.3	28.8	2816.2	17008	4.7	83.2	7.0	266	2.99	15	4.4	2.1	792	96.6	4.3	<0.5	108	1.79	0.063
2695140	Drill Core	2.22	17.0	69.0	34120.3	176421	29.4	36.5	1.7	466	12.08	46	2.0	<0.5	238	979.8	12.8	<0.5	40	1.44	0.011
2695141	Drill Core	1.38	10.6	15.4	2680.0	1427	1.6	65.0	6.9	88	1.79	8	2.6	2.6	490	9.2	1.2	<0.5	46	1.00	0.063
2695142	Drill Core	2.91	13.6	57.4	27921.2	182325	27.1	31.4	1.5	604	11.11	37	1.4	<0.5	400	1117.9	9.9	<0.5	36	1.89	0.009
2695143	Rock Pulp		5.5	98.5	8.5	72	<0.5	14.4	9.9	550	3.33	<5	0.9	2.7	92	<0.5	<0.5	<0.5	96	1.08	0.058
2695144	Drill Core	3.03	15.1	53.8	29735.8	190639	29.8	36.3	1.3	573	11.64	41	2.0	<0.5	393	1053.3	8.4	<0.5	37	1.59	0.014
2695145	Drill Core	2.44	19.3	52.2	21481.2	142546	25.6	55.0	2.9	542	11.29	37	2.4	<0.5	300	917.9	7.8	<0.5	36	1.09	0.029
2695146	Drill Core	2.60	13.6	42.9	14498.1	107625	18.3	55.3	4.3	368	7.52	30	4.4	0.7	344	638.6	4.8	<0.5	36	1.76	0.040
2695147	Drill Core	3.13	14.5	77.1	>40000	>200000	33.6	36.6	1.8	583	11.32	39	2.0	<0.5	429	1371.0	9.7	<0.5	22	1.49	0.030
2695148	Drill Core	2.99	18.9	49.8	33641.4	142325	21.4	59.8	4.1	344	7.82	26	2.5	0.6	363	891.2	8.3	<0.5	40	1.26	0.059
2695149	Drill Core	3.98	11.4	63.8	>40000	>200000	32.0	32.9	1.5	477	11.84	34	1.8	<0.5	363	1341.6	7.6	<0.5	21	2.09	0.022
2695150	Drill Core	1.95	10.8	12.5	617.3	474	1.0	62.9	6.3	82	1.74	6	2.4	3.5	403	2.2	0.7	<0.5	59	0.67	0.079
2695151	Drill Core	2.03	13.9	58.9	36027.9	148438	24.5	44.6	3.3	417	8.89	25	1.9	0.6	422	954.2	7.2	<0.5	36	1.12	0.037
2695152	Drill Core	5.64	19.3	82.7	36046.2	175390	36.0	47.3	1.7	498	11.96	46	2.1	<0.5	373	1174.7	14.9	<0.5	37	1.61	0.031
2695153 DUP 2695152	Drill Core		18.8	84.9	36119.4	177198	36.2	47.2	2.1	567	12.20	47	2.2	<0.5	368	1152.0	15.3	<0.5	39	1.60	0.027
2695154	Drill Core	4.21	16.8	34.7	505.2	554	3.9	74.3	5.8	186	3.21	19	3.4	2.8	951	3.9	3.9	<0.5	74	1.14	0.072
2695155	Drill Core	3.23	17.8	113.3	1847.4	22936	14.0	60.5	4.0	378	9.46	44	1.9	1.0	822	166.4	12.5	<0.5	36	1.51	0.037
2695156	Drill Core	3.19	8.5	16.0	172.2	84	1.1	62.3	7.4	143	1.75	10	2.6	6.0	172	<0.5	1.6	<0.5	41	0.60	0.074
2695157	Drill Core	6.67	7.5	122.6	1122.8	1841	4.8	41.5	2.0	63	3.61	19	1.3	<0.5	2522	35.7	5.8	<0.5	24	0.43	0.005
2695158	Drill Core	1.75	21.4	43.0	154.5	4345	1.5	129.3	8.7	293	1.94	17	23.5	4.4	339	30.2	3.4	<0.5	75	6.34	0.699
2695159	Drill Core	4.06	11.7	19.7	78.0	1516	0.8	43.9	3.5	599	1.58	13	7.4	3.9	348	12.4	2.1	<0.5	38	10.60	0.136
2695160	Drill Core	3.58	19.5	14.0	49.6	1348	0.6	40.8	2.7	627	1.37	9	7.4	3.2	314	11.9	1.4	<0.5	23	13.16	0.034
2695161	Drill Core	3.20	12.4	11.7	41.7	870	0.6	31.9	3.6	592	1.34	6	4.2	3.5	261	6.2	1.3	<0.5	15	13.44	0.031
2695162	Drill Core	4.00	11.4	9.8	28.9	786	<0.5	23.0	2.6	568	1.21	<5	3.6	3.2	236	7.4	1.0	<0.5	11	13.60	0.036
2695163	Rock Pulp	0.02	3.6	2819.3	12084.2	21273	23.2	11.2	9.7	852	3.06	10	<0.5	0.9	66	118.9	34.8	0.6	32	0.95	0.077

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695136	Drill Core	0.8	6.5	0.12	63	0.002	0.23	<0.01	0.09	<0.5	3.21	2.0	203.8	19.11	<5	16	90178	3.529		
2695137	Drill Core	<0.5	5.9	0.08	55	<0.001	0.15	<0.01	0.04	<0.5	3.15	1.4	249.6	21.63	<5	19	116158	3.783		
2695138	Drill Core	2.0	9.4	0.08	266	0.004	0.46	<0.01	0.26	<0.5	0.34	3.2	41.1	4.40	<5	10	28439	2.728		
2695139	Drill Core	1.6	11.3	0.39	297	0.003	0.45	<0.01	0.21	<0.5	0.32	3.9	40.9	4.06	<5	7	37354	2.728		
2695140	Drill Core	<0.5	7.1	0.07	52	<0.001	0.16	<0.01	0.03	<0.5	3.95	1.3	305.2	22.13	<5	12	112973	3.790		
2695141	Drill Core	2.1	7.4	0.09	839	0.003	0.47	<0.01	0.24	<0.5	0.07	4.3	18.3	2.04	<5	3	30314	2.721		
2695142	Drill Core	<0.5	5.2	0.15	55	<0.001	0.12	<0.01	0.03	<0.5	4.85	1.9	279.1	20.62	<5	6	135715	3.860		
2695143	Rock Pulp	6.5	17.5	0.81	127	0.170	1.87	0.23	0.23	0.7	<0.05	3.7	<0.5	<0.05	5	<2	610			
2695144	Drill Core	<0.5	5.5	0.09	55	<0.001	0.10	<0.01	0.03	<0.5	5.77	1.0	308.9	21.92	<5	14	130849	3.905		
2695145	Drill Core	0.9	7.8	0.08	58	0.002	0.29	<0.01	0.13	<0.5	3.04	1.3	228.5	19.79	6	5	55639	3.441		
2695146	Drill Core	1.4	7.4	0.08	85	0.002	0.32	<0.01	0.16	<0.5	2.25	2.4	173.7	13.93	<5	3	67266	3.235		
2695147	Drill Core	0.8	3.9	0.11	77	<0.001	0.08	<0.01	0.03	<0.5	5.72	1.0	288.2	23.45	5	5	93675	3.926	5.51	22.20
2695148	Drill Core	0.9	7.4	0.08	95	0.003	0.28	<0.01	0.13	0.6	4.29	2.2	163.0	15.56	6	9	43501	3.240		
2695149	Drill Core	<0.5	5.1	0.10	53	<0.001	0.09	<0.01	0.04	<0.5	6.14	0.8	252.6	23.25	<5	6	98759	3.880	4.25	21.16
2695150	Drill Core	2.2	9.5	0.13	1182	0.005	0.57	<0.01	0.29	<0.5	<0.05	3.2	14.3	1.73	<5	6	24124	2.674		
2695151	Drill Core	1.0	7.5	0.12	70	0.003	0.26	<0.01	0.13	<0.5	4.70	2.3	195.1	17.37	5	11	52577	3.389		
2695152	Drill Core	1.1	7.3	0.11	57	0.001	0.15	<0.01	0.06	<0.5	6.91	1.4	262.5	21.88	6	6	87379	3.719		
2695153 DUP 2695152	Drill Core	0.9	7.7	0.11	54	0.001	0.15	<0.01	0.06	<0.5	7.31	1.6	265.8	22.34	6	7	87598	3.722		
2695154	Drill Core	2.7	9.3	0.20	553	0.004	0.49	<0.01	0.18	<0.5	0.17	3.8	26.9	2.94	<5	10	66289	2.792		
2695155	Drill Core	2.3	6.1	0.23	111	0.002	0.42	<0.01	0.14	<0.5	1.75	2.3	106.4	11.23	<5	6	166900	3.309		
2695156	Drill Core	8.8	8.0	0.21	1180	0.004	0.54	<0.01	0.30	<0.5	0.06	2.4	8.9	1.98	<5	6	13012	2.675		
2695157	Drill Core	2.9	2.2	0.04	276	<0.001	0.08	<0.01	0.03	<0.5	0.46	0.7	24.4	4.19	<5	3	291428	3.973		
2695158	Drill Core	28.1	38.3	2.11	1603	0.008	0.46	<0.01	0.26	<0.5	0.61	4.1	5.5	2.17	<5	10	11377	2.595		
2695159	Drill Core	13.1	7.0	4.96	1832	0.004	0.31	<0.01	0.20	<0.5	0.17	3.1	3.2	1.59	<5	6	8497	2.701		
2695160	Drill Core	10.5	4.6	4.31	538	0.003	0.26	<0.01	0.19	<0.5	0.24	2.8	2.5	1.19	<5	3	3568	2.694		
2695161	Drill Core	11.4	4.0	3.58	494	0.003	0.24	<0.01	0.18	<0.5	0.14	2.4	2.3	1.09	<5	<2	3018	2.687		
2695162	Drill Core	10.4	4.4	4.10	255	0.003	0.26	<0.01	0.20	<0.5	0.12	2.2	1.8	0.83	<5	<2	2003	2.677		
2695163	Rock Pulp	9.7	23.1	1.40	184	0.100	1.83	0.05	0.23	<0.5	0.12	1.8	0.5	1.79	<5	<2	880	I.S.		

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Project: AKIE
Report Date: September 14, 2015

QUALITY CONTROL REPORT VAN15002038.1

	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																					
2695076	Drill Core	4.20	15.8	55.0	19.5	1522	0.7	70.7	7.5	79	1.59	22	3.4	6.1	172	16.0	12.9	<0.5	69	1.00	0.057
REP 2695076	QC																				
2695083	Rock Pulp	0.02	12.2	5368.4	23225.8	26470	88.3	13.0	15.1	2190	3.21	36	<0.5	0.8	90	169.1	233.9	3.3	25	3.05	0.042
REP 2695083	QC		11.6	5441.9	22826.6	26435	85.8	14.1	15.8	2359	3.18	39	<0.5	1.0	91	168.6	248.8	3.5	25	3.04	0.048
REP 2695112	QC																				
2695119	Drill Core	2.36	6.7	16.2	440.3	2308	<0.5	54.6	6.9	406	2.28	5	1.4	4.2	1000	9.9	1.3	<0.5	47	1.33	0.054
REP 2695119	QC		6.9	17.7	444.7	2354	<0.5	56.3	7.0	404	2.29	6	1.5	4.5	1019	12.1	1.4	<0.5	45	1.33	0.059
REP 2695146	QC																				
2695149	Drill Core	3.98	11.4	63.8	>40000	>200000	32.0	32.9	1.5	477	11.84	34	1.8	<0.5	363	1341.6	7.6	<0.5	21	2.09	0.022
REP 2695149	QC																				
2695154	Drill Core	4.21	16.8	34.7	505.2	554	3.9	74.3	5.8	186	3.21	19	3.4	2.8	951	3.9	3.9	<0.5	74	1.14	0.072
REP 2695154	QC		17.6	30.8	507.6	572	4.0	75.7	5.7	197	3.20	19	3.2	2.8	950	4.1	4.0	<0.5	77	1.15	0.076
Core Reject Duplicates																					
2695078	Drill Core	2.04	16.5	85.5	30.2	86	1.6	68.4	7.4	509	5.40	31	3.3	3.6	428	1.3	33.2	<0.5	66	4.09	0.050
DUP 2695078	QC		16.1	84.2	29.0	83	1.6	70.0	7.7	494	5.30	30	3.3	3.9	450	1.3	34.0	<0.5	70	4.19	0.050
2695112	Drill Core	1.73	34.6	42.7	6711.1	59739	9.6	85.5	3.3	577	18.70	87	2.1	<0.5	872	303.7	18.4	<0.5	72	2.23	0.010
DUP 2695112	QC		31.2	39.2	6395.0	56551	9.0	77.8	2.9	551	17.64	84	2.1	<0.5	809	274.7	19.2	<0.5	72	2.15	0.013
2695146	Drill Core	2.60	13.6	42.9	14498.1	107625	18.3	55.3	4.3	368	7.52	30	4.4	0.7	344	638.6	4.8	<0.5	36	1.76	0.040
DUP 2695146	QC		13.4	50.2	14321.9	104489	18.8	56.3	4.5	381	7.57	31	5.0	1.0	337	601.6	4.9	<0.5	38	1.76	0.038
Reference Materials																					
STD CCU-1D	Standard																				
STD CZN-4	Standard																				
STD GBM398-4-AR	Standard		947.9	3906.6	11675.4	5325	49.1	4132.6	1914.8	5145	3.70	6	0.6	0.8	14	7.7	6.3	12.3	43	0.39	0.018
STD GBM398-4-AR	Standard		928.1	3926.7	11669.2	5347	49.2	4141.9	1967.4	5207	3.75	7	0.7	0.8	15	6.9	7.0	12.7	39	0.33	0.021
STD GBM398-4-AR	Standard		935.6	3873.1	11535.1	5321	50.0	4123.5	1897.8	5165	3.60	6	0.7	0.9	10	6.5	6.8	12.4	38	0.32	0.018
STD GBM997-6	Standard																				
STD OREAS927-AR	Standard		1.0	10938.3	222.0	733	4.5	29.5	29.1	1142	8.02	10	1.6	12.2	14	0.7	0.8	67.7	44	0.30	0.049
STD OREAS927-AR	Standard		1.1	10900.4	227.4	760	4.7	29.1	31.0	1183	8.19	13	1.8	12.7	15	0.8	1.5	66.5	35	0.29	0.056

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Project: AKIE
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QUALITY CONTROL REPORT VAN15002038.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
Pulp Duplicates																				
2695076	Drill Core	25.1	7.7	0.18	1685	0.005	0.93	<0.01	0.28	<0.5	0.15	2.2	1.3	1.57	<5	9	14710	2.623		
REP 2695076	QC																15070			
2695083	Rock Pulp	3.2	24.1	0.64	78	0.058	0.83	0.04	0.20	4.3	0.40	0.9	0.8	2.73	<5	<2	396	I.S.		
REP 2695083	QC	3.2	24.8	0.63	85	0.057	0.83	0.04	0.20	4.4	0.34	1.0	0.8	2.72	<5	<2				
REP 2695112	QC																45766			
2695119	Drill Core	3.4	5.9	0.47	836	0.004	0.50	<0.01	0.26	<0.5	0.05	4.3	9.5	2.36	<5	<2	28073	2.720		
REP 2695119	QC	3.1	6.2	0.45	788	0.004	0.48	<0.01	0.27	<0.5	0.12	4.2	9.9	2.36	<5	<2				
REP 2695146	QC																66979			
2695149	Drill Core	<0.5	5.1	0.10	53	<0.001	0.09	<0.01	0.04	<0.5	6.14	0.8	252.6	23.25	<5	6	98759	3.880	4.25	21.16
REP 2695149	QC																		4.30	21.16
2695154	Drill Core	2.7	9.3	0.20	553	0.004	0.49	<0.01	0.18	<0.5	0.17	3.8	26.9	2.94	<5	10	66289	2.792		
REP 2695154	QC	2.8	10.2	0.21	518	0.004	0.51	<0.01	0.19	<0.5	0.14	4.0	26.9	2.94	<5	9				
Core Reject Duplicates																				
2695078	Drill Core	15.3	7.6	0.27	364	0.004	1.22	<0.01	0.21	<0.5	0.23	2.8	3.7	5.66	<5	7	29442	2.748		
DUP 2695078	QC	15.2	8.2	0.27	394	0.005	1.26	<0.01	0.22	<0.5	0.19	2.5	3.8	5.50	<5	8	29650	2.739		
2695112	Drill Core	1.8	8.6	0.11	123	0.001	0.24	<0.01	0.08	0.6	1.01	3.2	197.2	23.77	<5	12	46173	3.405		
DUP 2695112	QC	1.6	9.2	0.11	51	0.001	0.24	<0.01	0.08	0.6	1.23	2.8	181.9	22.48	<5	13	44729	3.405		
2695146	Drill Core	1.4	7.4	0.08	85	0.002	0.32	<0.01	0.16	<0.5	2.25	2.4	173.7	13.93	<5	3	67266	3.235		
DUP 2695146	QC	1.4	9.0	0.09	89	0.004	0.37	<0.01	0.18	<0.5	2.25	2.2	168.9	13.81	<5	6	67929	3.254		
Reference Materials																				
STD CCU-1D	Standard																		0.28	2.41
STD CZN-4	Standard																		0.19	54.63
STD GBM398-4-AR	Standard	2.4	1882.8	0.13	20	0.112	0.46	0.25	0.11	2.7	3.01	1.8	<0.5	0.91	<5	<2				
STD GBM398-4-AR	Standard	2.6	1880.3	0.12	18	0.114	0.49	0.25	0.11	2.6	3.09	1.3	<0.5	0.88	<5	7				
STD GBM398-4-AR	Standard	2.4	1916.8	0.13	20	0.110	0.46	0.25	0.10	3.0	3.01	1.7	0.7	0.92	<5	<2				
STD GBM997-6	Standard																		22.90	15.69
STD OREAS927-AR	Standard	26.2	41.7	1.97	47	0.082	3.27	<0.01	0.29	5.1	0.09	6.9	<0.5	1.71	9	15				
STD OREAS927-AR	Standard	27.5	42.1	1.99	47	0.087	3.34	<0.01	0.27	4.6	0.15	4.4	<0.5	1.72	9	13				

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QUALITY CONTROL REPORT VAN15002038.1

		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		0.9	10678.7	269.0	749	5.0	29.8	28.7	1180	7.83	13	1.6	13.0	11	<0.5	1.4	67.4	35	0.29	0.053
STD PTC-1A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18 Expected																					
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD CZN-4 Expected																					
STD GBM997-6 Expected																					
STD CCU-1D Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.5	<0.5	0.7	<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	2.2	6	<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		0.8	3.1	2.9	43	<0.5	0.7	4.0	560	1.84	<5	0.5	2.5	32	<0.5	<0.5	<0.5	25	0.68	0.043
ROCK-VAN	Prep Blank		0.6	4.3	2.5	41	<0.5	1.0	3.9	563	1.85	<5	0.5	2.5	33	<0.5	<0.5	<0.5	25	0.70	0.045

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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
STD OREAS927-AR	Standard	26.8	40.6	1.94	48	0.081	3.21	<0.01	0.26	5.0	0.12	4.0	0.7	1.75	10	15				
STD PTC-1A	Standard																		0.10	0.11
STD SO-18	Standard																504			
STD SO-18	Standard																504			
STD SO-18	Standard																506			
STD SO-18	Standard																487			
STD SO-18	Standard																498			
STD SO-18	Standard																496			
STD SO-18 Expected																	515			
STD GBM398-4-AR		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		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5				
STD CZN-4 Expected																			0.1861	55.24
STD GBM997-6 Expected																			23.75	15.83
STD CCU-1D Expected																			0.262	2.63
BLK	Blank																<10			
BLK	Blank																<10			
BLK	Blank																20			
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																		<0.01	0.01
Prep Wash																				
ROCK-VAN	Prep Blank	7.3	2.3	0.47	67	0.110	1.15	0.17	0.12	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2	842	2.632		
ROCK-VAN	Prep Blank	7.1	2.8	0.46	73	0.114	1.16	0.17	0.13	<0.5	<0.05	3.6	<0.5	<0.05	<5	<2	845	2.634		

MINERAL LABORATORIES
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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By: Nicholas Johnson
Receiving Lab: Canada-Vancouver
Received: August 25, 2015
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: Akie 126
P.O. Number
Number of Samples: 182

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 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	164	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	4	Pulverize to 85% passing 200 mesh			VAN
SPTRF	4	Split samples by riffle splitter			VAN
AQ270	182	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	182	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	173	Specific Gravity on Pulp		Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695164	Drill Core	1.51	41.3	30.0	12.5	54	<0.5	61.6	5.4	60	1.14	17	9.3	2.6	122	0.6	7.1	<0.5	102	0.45	0.040
2695165	Drill Core	2.25	39.0	37.0	12.2	179	<0.5	71.5	4.9	94	1.24	17	8.7	2.5	331	1.3	7.1	<0.5	123	1.13	0.043
2695166	Drill Core	2.32	41.3	32.4	12.7	535	<0.5	62.4	6.6	67	1.38	18	10.4	3.3	263	6.3	9.2	<0.5	111	0.85	0.047
2695167	Drill Core	2.21	19.4	19.1	33.2	903	<0.5	36.4	4.5	517	2.57	16	4.3	1.8	1870	6.2	8.7	<0.5	68	6.23	0.049
2695168	Drill Core	0.82	3.2	7.0	66.5	3376	<0.5	19.9	1.6	131	1.20	6	0.7	0.9	435	20.7	3.2	<0.5	31	1.34	0.041
2695169	Drill Core	1.08	16.3	34.9	497.6	8143	3.5	56.9	4.6	189	5.84	38	1.5	3.3	585	57.6	26.0	<0.5	52	1.97	0.039
2695170	Drill Core	1.58	3.8	5.6	34.2	556	<0.5	20.3	1.5	398	0.95	<5	0.6	0.6	719	3.2	1.8	<0.5	26	3.93	0.041
2695171	Drill Core	1.93	22.1	27.6	375.2	4956	2.4	78.2	6.4	1069	3.05	42	4.3	4.1	608	28.5	8.3	<0.5	178	10.95	0.201
2695172	Drill Core	2.46	44.7	67.4	2854.2	22912	10.6	102.0	3.9	341	16.04	112	3.1	2.0	64	144.4	42.3	<0.5	58	0.46	0.036
2695173 DUP 2695172	Core DUP		42.7	68.1	2814.5	23384	10.8	104.0	4.5	334	15.96	114	2.9	1.7	65	148.1	39.9	<0.5	52	0.42	0.041
2695174	Drill Core	2.32	24.0	31.1	1891.9	15533	3.9	79.0	5.2	281	10.06	64	2.4	3.1	189	92.4	16.4	<0.5	61	0.83	0.055
2695175	Drill Core	2.74	35.8	44.1	2839.9	25102	6.5	94.5	4.1	454	15.69	101	2.6	2.1	138	144.3	26.9	<0.5	60	0.80	0.043
2695176	Drill Core	1.78	26.4	37.6	2061.8	19254	4.6	82.1	5.9	320	10.88	63	2.7	2.8	155	109.3	18.8	<0.5	64	0.61	0.068
2695177	Drill Core	2.42	36.6	50.4	2549.8	20768	5.5	99.9	6.3	406	13.43	80	3.3	5.1	136	112.8	24.5	<0.5	66	0.81	0.087
2695178	Drill Core	2.65	32.1	32.7	2493.4	15830	4.9	84.5	5.3	301	11.68	66	3.5	3.0	60	94.8	24.2	<0.5	71	0.46	0.049
2695179	Drill Core	2.49	38.6	39.1	2915.0	21038	5.1	91.9	5.1	337	11.61	74	4.2	2.3	96	123.9	21.8	<0.5	71	0.77	0.067
2695180	Drill Core	2.48	33.9	34.0	4616.5	30466	7.0	82.4	4.1	423	14.95	83	2.6	1.7	87	181.3	22.8	<0.5	64	0.78	0.050
2695181	Drill Core	2.63	31.9	35.2	5426.7	37342	8.0	84.8	3.8	464	14.75	84	2.7	1.6	116	215.6	23.5	<0.5	53	1.14	0.045
2695182	Drill Core	2.56	25.9	43.4	4928.9	34758	7.3	76.0	4.3	490	11.92	68	2.5	1.8	233	200.3	23.5	<0.5	61	2.72	0.053
2695183	Rock Pulp	0.02	4.8	91.3	4.3	46	<0.5	14.6	9.0	583	3.62	<5	0.8	2.7	96	<0.5	<0.5	<0.5	101	1.13	0.059
2695184	Drill Core	2.05	25.2	13.0	1324.0	5339	0.6	81.4	8.0	57	2.00	15	4.3	4.9	98	29.1	4.0	<0.5	73	0.37	0.086
2695185	Drill Core	2.29	30.4	53.6	4014.9	23989	6.9	85.1	4.4	311	12.23	77	2.6	2.8	141	146.4	29.8	<0.5	60	0.62	0.053
2695186	Drill Core	2.61	35.3	42.7	4872.0	30770	7.1	101.7	6.0	393	13.00	75	3.4	2.4	837	181.4	25.1	<0.5	58	1.04	0.055
2695187	Drill Core	3.38	35.2	33.1	5210.7	32373	7.3	88.4	5.1	486	13.41	69	4.2	1.5	270	193.5	20.7	<0.5	77	2.80	0.072
2695188	Drill Core	2.37	22.5	39.4	4840.0	35182	7.0	72.6	5.2	497	12.70	66	2.3	2.0	70	194.4	18.6	<0.5	56	0.76	0.049
2695189	Drill Core	2.74	33.0	36.1	7048.4	36108	9.8	88.1	4.3	475	17.08	90	3.0	1.6	75	209.5	22.6	<0.5	69	0.51	0.045
2695190	Drill Core	3.77	26.6	43.0	7056.6	45205	8.4	79.4	4.2	575	13.11	71	2.5	1.6	281	249.5	21.6	<0.5	61	3.48	0.054
2695191	Drill Core	1.92	24.2	16.4	1455.4	6227	1.1	92.4	8.9	66	1.74	14	4.5	5.1	43	32.0	3.8	<0.5	86	0.33	0.085
2695192	Drill Core	2.45	29.2	55.8	5857.8	30868	8.2	87.0	4.7	389	13.46	79	2.8	2.2	88	193.4	29.8	<0.5	54	0.59	0.043
2695193 DUP 2695192	Core DUP		29.1	54.5	5875.2	31125	8.2	83.1	4.6	382	13.45	73	2.8	2.0	82	189.3	29.8	<0.5	57	0.60	0.045

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PO Box 11121, Royal Centre
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Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695164	Drill Core	13.4	5.7	0.06	868	0.003	0.37	<0.01	0.19	<0.5	<0.05	1.1	1.5	1.17	<5	8	3403	2.471
2695165	Drill Core	11.8	7.8	0.10	1056	0.003	0.38	<0.01	0.18	<0.5	<0.05	0.7	1.5	1.21	<5	3	4095	2.491
2695166	Drill Core	15.2	6.8	0.07	1973	0.003	0.43	<0.01	0.17	<0.5	<0.05	1.2	2.1	1.49	<5	6	15186	2.500
2695167	Drill Core	9.9	7.2	0.60	1475	0.003	0.22	<0.01	0.10	<0.5	0.23	1.7	1.6	2.42	<5	10	9654	2.606
2695168	Drill Core	4.1	5.3	0.12	768	0.002	0.16	<0.01	0.08	<0.5	0.16	1.0	1.2	1.21	<5	8	3372	2.604
2695169	Drill Core	12.2	8.5	0.20	337	0.004	0.41	<0.01	0.22	<0.5	0.42	1.5	15.7	6.98	<5	25	5722	2.745
2695170	Drill Core	3.4	4.7	0.08	2672	0.002	0.14	<0.01	0.06	<0.5	0.08	<0.5	1.2	0.82	<5	<2	3995	2.587
2695171	Drill Core	17.7	17.3	0.13	621	0.006	0.68	0.01	0.24	<0.5	0.15	2.0	5.6	3.60	<5	16	11834	2.563
2695172	Drill Core	7.9	7.7	0.03	95	0.004	0.58	<0.01	0.17	<0.5	1.15	1.5	65.3	21.04	<5	37	14097	3.125
2695173 DUP 2695172	Core DUP	7.6	7.9	0.04	104	0.004	0.56	<0.01	0.16	<0.5	1.43	1.6	63.4	21.47	<5	35	13851	3.140
2695174	Drill Core	13.2	9.3	0.07	172	0.005	0.71	<0.01	0.25	<0.5	0.78	1.6	34.3	13.24	<5	18	14966	2.900
2695175	Drill Core	8.6	8.8	0.15	135	0.004	0.60	<0.01	0.19	<0.5	1.22	1.9	61.8	21.05	<5	24	17533	3.118
2695176	Drill Core	14.4	10.0	0.18	172	0.004	1.09	<0.01	0.22	<0.5	0.83	1.8	38.7	13.99	<5	19	28091	2.920
2695177	Drill Core	20.6	8.4	0.15	141	0.006	0.72	<0.01	0.18	<0.5	0.77	2.6	53.5	18.00	<5	32	19263	3.012
2695178	Drill Core	13.4	10.2	0.11	149	0.004	0.95	<0.01	0.23	<0.5	0.48	2.7	46.0	15.29	<5	23	22463	2.941
2695179	Drill Core	10.9	8.6	0.14	141	0.004	0.74	<0.01	0.18	<0.5	0.55	1.7	52.5	15.58	<5	17	19204	2.956
2695180	Drill Core	8.5	9.8	0.21	124	0.004	0.99	<0.01	0.19	<0.5	0.94	2.9	79.9	19.80	<5	28	26351	3.126
2695181	Drill Core	6.8	7.8	0.26	138	0.003	0.85	<0.01	0.13	<0.5	1.14	2.6	84.5	19.39	<5	22	26146	3.128
2695182	Drill Core	7.3	8.6	0.30	147	0.004	0.78	<0.01	0.16	<0.5	0.81	3.0	72.4	15.78	<5	25	23148	3.025
2695183	Rock Pulp	7.1	17.7	0.83	131	0.174	2.02	0.26	0.26	<0.5	<0.05	3.6	<0.5	<0.05	5	3	564	I.S.
2695184	Drill Core	21.0	8.5	0.08	1263	0.004	1.22	<0.01	0.24	<0.5	0.05	1.9	6.1	2.08	<5	5	26438	2.659
2695185	Drill Core	11.7	8.5	0.20	132	0.004	0.56	<0.01	0.20	<0.5	0.76	1.8	65.5	16.34	<5	25	13813	3.012
2695186	Drill Core	9.8	7.5	0.15	146	0.003	0.47	<0.01	0.16	<0.5	0.89	1.7	78.9	18.11	<5	22	16002	3.030
2695187	Drill Core	6.3	9.7	0.17	105	0.004	0.72	<0.01	0.16	<0.5	0.84	2.3	74.8	17.90	<5	18	22591	3.089
2695188	Drill Core	9.5	8.9	0.35	162	0.003	1.27	<0.01	0.15	<0.5	1.05	3.4	84.4	17.04	<5	15	36885	3.110
2695189	Drill Core	7.4	10.3	0.24	177	0.004	1.04	<0.01	0.13	<0.5	1.15	3.5	100.8	23.19	<5	25	30551	3.250
2695190	Drill Core	7.0	7.6	0.33	148	0.003	0.84	<0.01	0.12	<0.5	1.28	2.9	91.6	18.61	<5	21	25836	3.106
2695191	Drill Core	22.7	9.4	0.11	1436	0.005	1.42	<0.01	0.24	<0.5	0.13	2.3	6.8	1.79	<5	9	32288	2.680
2695192	Drill Core	9.9	6.9	0.19	124	0.004	0.77	<0.01	0.15	<0.5	0.87	2.8	86.2	18.56	<5	21	23853	3.100
2695193 DUP 2695192	Core DUP	9.6	8.7	0.18	138	0.004	0.79	<0.01	0.16	<0.5	0.98	2.5	83.4	18.50	<5	22	22147	3.084

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Project: AKIE
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CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695194	Drill Core	2.82	32.3	38.6	5648.0	34492	6.8	86.6	5.3	392	12.43	71	3.7	2.4	166	206.9	22.2	<0.5	67	0.59	0.053
2695195	Drill Core	3.74	32.5	37.9	9729.1	62569	12.3	75.2	2.4	547	18.51	104	2.6	1.2	89	374.9	25.0	<0.5	56	0.54	0.038
2695196	Drill Core	3.75	27.5	47.7	8967.7	47708	9.2	82.1	5.2	357	9.31	59	3.1	2.3	189	264.1	45.7	<0.5	65	1.77	0.048
2695197	Drill Core	3.36	16.1	26.0	731.3	3109	0.6	65.6	6.2	175	1.79	10	3.5	5.4	607	19.3	10.1	<0.5	63	1.30	0.067
2695198	Drill Core	2.96	20.1	39.0	222.1	1962	0.7	88.9	7.7	118	1.86	17	3.9	7.0	206	10.9	13.7	<0.5	66	1.05	0.083
2695199	Drill Core	3.57	18.5	34.1	338.6	3036	0.6	74.4	7.1	139	1.62	10	4.0	7.2	239	18.0	8.6	<0.5	66	1.28	0.085
2695200	Drill Core	3.09	19.3	38.0	313.6	2407	0.5	68.8	7.5	175	1.79	14	3.9	7.0	357	12.7	8.8	<0.5	67	1.88	0.082
2695201	Drill Core	3.25	18.1	37.1	301.4	2191	0.5	70.3	7.9	168	1.68	13	3.7	7.0	302	11.1	8.6	<0.5	59	1.66	0.077
2695202	Drill Core	3.09	17.8	35.9	313.9	2305	0.5	68.0	7.9	147	1.70	12	3.7	6.7	235	13.2	7.9	<0.5	62	1.40	0.080
2695203	Rock Pulp	0.02	6.5	1811.5	13040.5	15711	60.9	16.6	17.8	1652	4.37	59	0.9	2.5	85	116.0	177.6	4.8	77	1.93	0.046
2695204	Drill Core	3.25	18.2	36.7	316.3	2381	0.6	69.4	8.0	149	1.68	14	4.0	6.8	249	14.9	8.8	<0.5	62	1.40	0.076
2695205	Drill Core	2.95	19.2	39.7	299.7	2171	0.7	81.0	8.4	166	1.90	13	4.2	7.4	291	11.4	9.1	<0.5	68	1.59	0.077
2695206	Drill Core	3.32	20.1	37.7	290.4	2072	0.6	76.4	7.9	177	1.77	13	3.8	7.0	360	10.8	8.7	<0.5	61	1.81	0.073
2695207	Drill Core	3.49	19.3	37.5	287.3	2204	0.7	74.5	8.3	190	1.92	13	3.8	7.2	337	11.4	8.5	<0.5	68	1.84	0.080
2695208	Drill Core	3.48	18.2	41.6	314.7	2429	0.7	79.5	8.2	171	1.80	13	3.8	7.3	273	12.5	8.9	<0.5	60	1.51	0.082
2695209	Drill Core	3.17	17.9	35.9	326.8	2833	0.5	70.5	7.5	149	1.71	13	3.9	6.5	258	16.3	8.9	<0.5	63	1.34	0.077
2695210	Drill Core	3.40	21.2	29.6	317.3	2950	0.6	72.0	7.5	141	1.69	13	3.8	7.0	282	15.6	9.9	<0.5	58	1.29	0.080
2695211	Drill Core	2.45	19.0	31.4	454.6	1519	0.7	72.6	7.2	193	2.07	15	3.2	6.7	292	7.9	12.9	<0.5	53	1.31	0.083
2695212	Drill Core	2.11	16.3	24.6	1075.3	2504	1.0	74.9	6.5	95	1.67	10	3.9	5.3	164	15.9	11.8	<0.5	56	0.61	0.059
2695213 DUP 2695212	Core DUP		19.8	27.2	1147.4	2405	1.0	76.4	6.2	94	1.69	11	3.9	5.6	167	14.3	12.4	<0.5	58	0.60	0.056
2695214	Drill Core	2.09	26.6	71.1	8933.1	39198	10.3	84.2	5.0	233	9.04	68	3.8	3.4	114	254.5	54.2	<0.5	63	0.35	0.041
2695215	Drill Core	1.94	29.0	53.0	20955.0	129886	21.0	69.4	3.3	636	13.08	72	2.9	1.1	121	715.1	65.1	<0.5	56	0.95	0.026
2695216	Drill Core	1.01	18.4	19.3	3039.5	15157	2.0	75.3	7.6	253	2.37	17	3.5	5.5	82	69.1	7.2	<0.5	69	0.74	0.069
2695217	Drill Core	3.14	30.9	41.0	14559.3	91669	16.7	73.7	2.6	646	18.26	101	2.5	1.0	134	501.0	24.8	<0.5	50	0.62	0.028
2695218	Drill Core	1.44	29.2	35.9	9170.5	36773	9.2	74.9	4.1	372	16.53	78	3.8	1.5	1143	214.1	23.0	<0.5	57	0.71	0.040
2695219	Drill Core	3.19	29.7	37.8	6596.5	35906	7.5	81.2	5.1	439	12.77	66	3.4	2.4	1220	204.5	20.1	<0.5	58	0.82	0.047
2695220	Drill Core	2.10	22.5	31.6	3830.0	15119	4.1	78.7	6.8	270	7.34	36	4.0	3.8	347	85.5	12.2	<0.5	67	0.77	0.062
2695221	Drill Core	1.62	28.1	63.1	12026.5	58798	13.5	75.4	3.6	586	17.61	84	3.6	1.9	178	348.9	39.4	<0.5	59	1.26	0.039
2695222	Drill Core	2.09	27.9	15.9	1758.8	6217	1.3	94.1	8.1	55	1.65	10	5.9	5.1	65	30.9	3.1	<0.5	87	0.28	0.085
2695223	Rock Pulp	0.02	5.5	92.1	13.9	42	<0.5	12.5	9.2	564	3.55	<5	0.8	3.0	88	<0.5	<0.5	<0.5	97	1.09	0.053

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Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695194	Drill Core	11.1	9.1	0.20	192	0.004	0.83	<0.01	0.18	<0.5	1.06	2.8	80.9	17.10	<5	21	23334	3.025
2695195	Drill Core	5.4	8.3	0.20	93	0.003	0.61	<0.01	0.11	<0.5	2.02	2.0	146.6	26.02	<5	17	20302	3.315
2695196	Drill Core	10.4	7.6	0.19	144	0.004	0.82	<0.01	0.17	<0.5	1.11	1.9	101.8	13.63	<5	21	20103	2.935
2695197	Drill Core	22.2	7.9	0.24	810	0.005	0.50	<0.01	0.26	<0.5	0.07	2.4	5.1	2.04	<5	8	6450	2.628
2695198	Drill Core	26.0	7.0	0.22	946	0.005	0.53	<0.01	0.31	<0.5	<0.05	2.1	4.9	2.03	<5	11	7023	2.614
2695199	Drill Core	26.4	7.7	0.27	780	0.005	0.53	<0.01	0.31	<0.5	<0.05	2.9	3.8	1.80	<5	11	6661	2.612
2695200	Drill Core	27.9	8.1	0.32	807	0.004	0.53	<0.01	0.31	<0.5	<0.05	3.1	3.5	1.79	<5	7	6404	2.606
2695201	Drill Core	25.6	7.1	0.30	762	0.004	0.48	<0.01	0.29	<0.5	<0.05	3.4	3.2	1.62	<5	8	6279	2.621
2695202	Drill Core	26.2	6.9	0.32	1033	0.004	0.51	<0.01	0.31	<0.5	<0.05	2.8	3.6	1.65	<5	10	6884	2.661
2695203	Rock Pulp	7.4	23.1	1.31	239	0.129	1.64	0.20	0.21	1.2	0.46	4.2	0.9	1.84	5	<2	650	I.S.
2695204	Drill Core	26.5	6.8	0.31	864	0.004	0.50	<0.01	0.31	<0.5	0.06	3.0	3.6	1.66	<5	7	6729	2.624
2695205	Drill Core	28.8	7.0	0.32	1457	0.005	0.54	<0.01	0.33	<0.5	<0.05	3.5	3.6	1.85	<5	7	7568	2.641
2695206	Drill Core	27.5	6.8	0.36	1711	0.004	0.50	<0.01	0.32	<0.5	0.07	3.0	3.5	1.79	<5	15	7960	2.603
2695207	Drill Core	26.9	8.3	0.35	879	0.005	0.55	<0.01	0.32	<0.5	<0.05	2.9	3.6	1.85	<5	11	6733	2.602
2695208	Drill Core	25.6	6.8	0.32	875	0.004	0.48	<0.01	0.29	<0.5	<0.05	2.3	3.4	1.96	<5	6	7178	2.613
2695209	Drill Core	25.3	6.6	0.26	815	0.004	0.51	<0.01	0.31	<0.5	0.06	3.0	3.6	1.91	<5	9	7353	2.602
2695210	Drill Core	26.8	7.0	0.22	955	0.004	0.48	<0.01	0.29	<0.5	0.08	2.4	3.3	1.96	<5	7	7767	2.625
2695211	Drill Core	23.9	6.5	0.28	1128	0.004	0.45	<0.01	0.27	<0.5	<0.05	2.7	5.0	2.26	<5	10	7890	2.668
2695212	Drill Core	20.3	6.4	0.12	974	0.004	0.42	<0.01	0.23	<0.5	0.07	1.4	5.3	1.94	<5	16	7468	2.601
2695213 DUP 2695212	Core DUP	20.5	7.2	0.13	986	0.004	0.43	<0.01	0.24	<0.5	<0.05	1.6	5.7	1.97	<5	17	7408	2.605
2695214	Drill Core	12.2	10.0	0.05	136	0.005	0.39	<0.01	0.22	<0.5	0.75	0.9	97.3	12.32	<5	27	8191	2.921
2695215	Drill Core	5.2	9.3	0.29	107	0.002	0.67	<0.01	0.10	<0.5	3.15	2.5	214.7	21.36	<5	19	24107	3.330
2695216	Drill Core	23.1	10.2	0.39	1339	0.004	2.63	<0.01	0.17	<0.5	0.38	3.7	17.0	1.93	<5	14	68252	2.748
2695217	Drill Core	4.9	7.8	0.26	74	0.002	0.53	<0.01	0.09	<0.5	3.05	2.5	185.0	26.00	<5	20	22991	3.376
2695218	Drill Core	5.8	8.6	0.07	109	0.004	0.54	<0.01	0.15	<0.5	1.42	1.6	102.0	21.22	<5	20	25912	3.232
2695219	Drill Core	9.6	8.0	0.19	209	0.004	0.61	<0.01	0.16	<0.5	1.31	2.1	92.6	16.50	<5	19	29368	3.090
2695220	Drill Core	15.4	10.1	0.24	318	0.004	0.79	<0.01	0.22	<0.5	0.44	1.8	46.0	8.43	<5	13	32269	2.831
2695221	Drill Core	7.1	9.7	0.23	76	0.003	0.34	<0.01	0.13	<0.5	1.79	2.3	143.6	23.38	<5	29	16242	3.281
2695222	Drill Core	21.6	9.8	0.09	1476	0.004	0.93	<0.01	0.24	<0.5	0.16	2.5	4.2	1.78	<5	13	25338	2.578
2695223	Rock Pulp	6.7	17.8	0.82	137	0.171	1.95	0.24	0.25	0.8	<0.05	3.6	<0.5	<0.05	5	<2	599	I.S.

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Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695224	Drill Core	2.77	28.4	56.6	9224.5	57389	12.7	79.5	3.1	582	16.12	75	3.1	1.2	356	344.6	32.1	<0.5	56	1.59	0.039
2695225	Drill Core	2.23	25.2	36.1	8383.4	51957	9.3	72.5	4.8	525	11.45	49	2.9	2.2	315	279.8	16.4	<0.5	62	1.23	0.045
2695226	Drill Core	2.66	26.5	29.5	6368.7	38329	8.2	68.3	3.6	483	12.01	58	2.7	1.9	265	210.9	15.2	<0.5	63	0.89	0.045
2695227	Drill Core	2.57	29.3	35.4	8666.4	38610	11.7	80.2	3.6	505	18.46	82	3.0	1.5	133	226.0	23.3	<0.5	62	0.47	0.039
2695228	Drill Core	2.59	30.7	40.0	9743.8	55748	11.9	76.9	3.8	550	18.49	74	3.1	0.9	272	324.0	25.1	<0.5	47	0.85	0.030
2695229	Drill Core	2.07	15.6	26.7	4757.6	27756	4.4	64.8	6.4	347	6.76	30	2.1	4.0	187	167.3	9.8	<0.5	58	0.63	0.053
2695230	Drill Core	2.98	17.8	34.3	4804.6	22127	5.7	63.0	5.2	464	10.09	46	2.5	2.6	417	124.4	16.1	<0.5	62	1.09	0.067
2695231	Drill Core	2.75	19.6	36.3	5560.9	25123	6.8	67.2	4.8	433	10.91	54	1.8	2.6	337	138.4	15.2	0.5	37	1.91	0.049
2695232	Drill Core	2.28	27.6	37.3	8509.6	46030	10.5	74.4	3.4	525	16.45	74	3.2	1.1	394	249.8	21.2	<0.5	36	1.44	0.036
2695233 DUP 2695232	Core DUP		29.2	36.0	8503.7	46865	10.8	72.6	3.5	499	16.64	74	3.5	1.2	401	258.7	20.8	<0.5	37	1.46	0.037
2695234	Drill Core	2.52	29.6	36.8	9480.6	60518	11.7	78.5	3.9	507	15.39	75	2.9	1.2	396	318.3	19.7	<0.5	41	1.07	0.037
2695235	Drill Core	3.08	28.6	41.2	8099.2	52098	9.2	82.1	4.9	416	10.63	50	3.1	2.1	199	283.0	17.3	<0.5	57	0.84	0.055
2695236	Drill Core	1.95	27.5	50.2	6866.0	28252	8.0	80.1	4.6	305	11.81	56	3.1	2.2	126	162.4	22.3	0.6	50	0.55	0.051
2695237	Drill Core	1.67	34.8	50.5	9030.4	51906	11.7	89.6	4.7	380	15.49	82	3.3	1.8	110	300.6	26.5	<0.5	43	0.54	0.043
2695238	Drill Core	2.22	29.5	39.7	13141.2	69588	15.3	71.6	3.4	474	18.23	92	2.7	1.1	59	384.0	23.2	<0.5	37	0.41	0.035
2695239	Drill Core	1.63	21.4	46.0	12057.2	80837	14.4	69.8	4.9	680	9.32	53	2.7	1.8	166	504.3	49.2	<0.5	50	2.09	0.046
2695240	Drill Core	1.30	31.3	71.7	6350.1	21184	7.3	102.9	6.5	163	7.21	68	4.6	4.1	86	137.2	48.2	<0.5	63	0.22	0.052
2695241	Drill Core	3.05	17.1	32.5	859.4	2728	1.2	70.3	6.4	277	2.25	13	3.3	5.8	380	18.5	10.3	<0.5	57	1.52	0.068
2695242	Drill Core	3.54	18.2	31.3	396.4	2791	<0.5	74.4	7.8	236	1.88	12	3.3	6.0	439	19.6	7.1	<0.5	61	2.17	0.075
2695243	Rock Pulp	0.02	7.7	1827.1	12891.2	15779	61.2	16.4	18.0	1586	4.30	54	1.0	2.6	86	114.8	188.0	5.4	76	1.95	0.051
2695244	Drill Core	3.11	18.2	39.1	266.6	2301	<0.5	82.7	8.0	223	1.96	16	4.1	6.5	319	16.3	6.8	<0.5	56	1.73	0.087
2695245	Drill Core	3.47	18.6	39.2	221.1	2270	0.5	77.4	8.2	351	1.99	15	4.5	7.4	324	13.4	7.3	<0.5	73	1.94	0.084
2695246	Drill Core	2.84	21.0	45.1	276.6	2358	0.6	73.9	8.2	228	1.91	16	4.6	7.6	449	14.3	8.2	<0.5	67	2.16	0.083
2695247	Drill Core	3.35	17.1	35.6	364.0	2570	0.6	56.4	6.7	445	1.67	8	3.7	6.2	585	18.1	6.3	<0.5	66	3.67	0.083
2695248	Drill Core	4.13	15.8	27.1	345.8	2952	<0.5	65.0	6.9	335	1.72	10	3.9	6.1	444	19.6	6.3	<0.5	65	2.90	0.084
2695249	Drill Core	2.68	16.5	21.7	439.6	3358	<0.5	62.5	6.6	607	1.56	7	3.7	5.8	517	22.5	6.0	<0.5	53	3.54	0.089
2695250	Drill Core	1.80	14.7	73.7	5918.0	26575	6.8	68.7	5.4	1050	10.75	39	3.2	2.9	586	179.1	52.8	<0.5	47	2.11	0.056
2695251	Drill Core	2.62	23.0	47.4	9507.5	49006	12.9	73.3	4.2	1111	15.78	60	4.1	1.4	163	319.5	58.6	<0.5	57	0.44	0.040
2695252	Drill Core	2.45	24.7	45.4	6610.3	27617	7.1	72.7	4.8	483	8.44	35	4.5	2.5	1310	183.7	29.8	<0.5	71	1.16	0.049
2695253 DUP 2695252	Core DUP		25.6	45.8	6675.8	27818	7.0	71.6	5.3	488	8.49	34	4.6	2.6	1353	183.3	30.1	<0.5	72	1.16	0.051

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	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
2695224	Drill Core	5.4	8.9	0.24	121	0.003	0.40	<0.01	0.11	<0.5	1.74	3.0	132.5	20.78	<5	21	28177	3.219
2695225	Drill Core	9.0	10.0	0.36	173	0.003	0.63	<0.01	0.15	<0.5	1.48	3.2	107.1	15.23	<5	12	33297	3.039
2695226	Drill Core	8.5	9.4	0.28	136	0.003	0.85	<0.01	0.13	<0.5	1.12	2.8	96.8	15.23	<5	15	42876	3.082
2695227	Drill Core	6.2	10.6	0.17	92	0.003	0.45	<0.01	0.12	<0.5	1.37	2.3	138.8	22.99	<5	22	24759	3.235
2695228	Drill Core	4.4	8.7	0.20	97	0.002	0.26	<0.01	0.09	<0.5	1.78	2.3	145.3	24.14	<5	17	30239	3.379
2695229	Drill Core	17.3	10.7	0.23	371	0.004	1.23	<0.01	0.20	<0.5	0.87	3.2	57.3	8.09	<5	13	39672	2.914
2695230	Drill Core	11.5	9.1	0.32	202	0.004	0.77	<0.01	0.19	<0.5	0.69	3.3	71.4	12.05	<5	12	40768	2.962
2695231	Drill Core	10.7	6.3	0.26	209	0.003	0.38	<0.01	0.11	<0.5	0.76	1.6	87.6	13.26	<5	12	36129	3.024
2695232	Drill Core	4.7	6.8	0.20	325	0.002	0.29	<0.01	0.07	<0.5	1.39	1.4	130.5	20.54	<5	21	44710	3.286
2695233 DUP 2695232	Core DUP	4.8	6.5	0.22	149	0.002	0.30	<0.01	0.07	<0.5	1.40	1.7	121.1	21.04	<5	21	45103	3.293
2695234	Drill Core	5.1	6.3	0.25	220	0.002	0.56	<0.01	0.08	<0.5	1.77	1.9	142.1	20.02	<5	19	40307	3.270
2695235	Drill Core	9.6	7.5	0.27	264	0.004	0.76	<0.01	0.15	0.5	1.66	2.7	105.5	14.77	<5	19	26279	3.017
2695236	Drill Core	9.9	7.8	0.18	153	0.006	0.62	<0.01	0.13	0.5	1.01	1.8	84.6	15.20	<5	21	24157	3.024
2695237	Drill Core	8.1	6.5	0.15	130	0.003	0.56	<0.01	0.12	<0.5	1.87	1.9	130.5	20.82	<5	23	20213	3.178
2695238	Drill Core	5.3	7.2	0.15	120	0.003	0.57	<0.01	0.09	0.5	2.46	1.5	160.9	24.85	<5	20	20724	3.341
2695239	Drill Core	7.9	7.7	0.34	169	0.003	1.02	<0.01	0.15	<0.5	2.24	3.3	144.6	14.17	<5	22	26416	3.013
2695240	Drill Core	14.9	8.5	0.06	260	0.004	0.37	<0.01	0.21	<0.5	0.58	1.4	60.4	9.24	<5	27	6139	2.755
2695241	Drill Core	21.8	7.0	0.36	718	0.004	0.43	<0.01	0.23	<0.5	0.09	2.3	6.5	2.50	<5	11	6129	2.607
2695242	Drill Core	24.0	6.8	0.34	1140	0.004	0.53	<0.01	0.28	<0.5	0.09	2.0	3.8	2.01	<5	5	6845	2.564
2695243	Rock Pulp	7.3	23.3	1.30	248	0.128	1.56	0.18	0.21	1.2	0.53	3.3	1.2	1.75	5	4	626	I.S.
2695244	Drill Core	23.1	5.7	0.45	897	0.004	0.47	<0.01	0.27	<0.5	0.11	2.7	3.8	2.04	<5	9	6704	2.576
2695245	Drill Core	26.9	8.4	0.49	935	0.005	0.58	<0.01	0.31	<0.5	0.10	3.1	4.8	1.99	<5	8	6798	2.573
2695246	Drill Core	27.9	7.7	0.47	1138	0.005	0.57	<0.01	0.31	<0.5	0.07	3.2	4.9	1.99	<5	11	7008	2.597
2695247	Drill Core	23.1	7.9	0.47	1145	0.004	0.51	<0.01	0.28	<0.5	<0.05	3.0	4.0	1.65	<5	13	6254	2.567
2695248	Drill Core	22.4	7.9	0.49	1108	0.005	0.51	<0.01	0.29	<0.5	0.08	3.1	4.2	1.75	<5	10	6540	2.573
2695249	Drill Core	21.6	6.5	0.44	1094	0.004	0.38	<0.01	0.22	<0.5	0.10	2.9	3.4	1.67	<5	8	6918	2.608
2695250	Drill Core	10.0	7.8	0.46	196	0.004	0.50	<0.01	0.19	<0.5	0.73	2.8	48.0	13.44	<5	18	13432	2.978
2695251	Drill Core	6.2	6.7	0.13	89	0.003	0.63	<0.01	0.15	<0.5	1.62	2.2	94.1	20.20	<5	29	19486	3.197
2695252	Drill Core	11.1	8.2	0.21	219	0.005	1.08	<0.01	0.19	<0.5	0.95	2.9	65.2	10.30	<5	31	37198	2.943
2695253 DUP 2695252	Core DUP	11.0	8.2	0.21	210	0.005	1.09	<0.01	0.19	<0.5	0.93	2.9	63.7	10.46	<5	35	37624	2.951

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Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

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
2695254	Drill Core	3.41	28.5	61.1	14353.2	73033	16.0	68.3	4.2	875	11.71	42	5.3	1.9	1555	488.4	56.0	<0.5	59	2.38	0.042
2695255	Drill Core	1.90	11.1	22.8	835.0	3383	1.2	65.6	7.7	123	1.62	10	3.3	5.7	277	19.1	6.3	<0.5	44	0.58	0.064
2695256	Drill Core	1.87	30.1	62.6	7560.9	38685	8.9	82.7	5.5	578	7.69	40	5.1	3.0	332	243.5	48.2	<0.5	70	2.77	0.058
2695257	Drill Core	1.61	30.3	73.9	13532.4	77618	14.4	72.1	4.0	696	10.10	47	4.3	2.3	427	469.9	66.6	<0.5	65	2.27	0.043
2695258	Drill Core	3.09	22.6	32.4	2252.4	9808	2.3	80.3	7.8	274	2.94	18	5.3	5.6	342	57.7	15.4	<0.5	70	1.34	0.067
2695259	Drill Core	2.56	24.1	58.8	3151.4	19838	4.4	83.4	6.3	538	7.18	36	4.9	3.5	618	119.2	43.2	<0.5	65	1.26	0.056
2695260	Drill Core	1.54	27.5	62.8	4923.1	25792	8.9	66.4	4.4	796	14.89	62	5.3	2.0	695	160.5	87.3	<0.5	67	0.50	0.037
2695261	Drill Core	2.40	29.5	44.5	2003.1	11239	3.0	85.7	6.5	313	6.68	46	5.6	3.0	480	66.2	36.1	<0.5	80	0.63	0.052
2695262	Drill Core	2.06	28.3	45.8	4274.8	25767	4.5	75.7	5.2	394	9.85	47	4.7	2.0	348	160.0	56.4	<0.5	76	0.60	0.043
2695263	Rock Pulp	0.02	4.9	94.8	5.3	50	<0.5	14.3	9.2	586	3.58	<5	1.0	3.0	102	<0.5	<0.5	<0.5	98	1.10	0.056
2695264	Drill Core	2.40	29.0	53.5	6479.9	41592	4.1	78.4	5.4	440	8.42	50	5.6	2.2	619	249.9	58.3	<0.5	80	1.01	0.042
2695265	Drill Core	3.17	28.6	36.2	1329.2	7417	1.9	81.3	6.5	147	1.82	22	8.1	4.3	3670	44.0	14.7	<0.5	90	1.22	0.091
2695266	Drill Core	2.87	29.8	89.3	9102.4	49686	5.6	80.7	5.2	367	7.25	60	5.0	3.0	798	304.9	70.1	<0.5	76	0.61	0.043
2695267	Drill Core	3.77	12.4	14.5	577.8	4392	0.9	55.4	5.5	326	1.71	9	3.0	4.6	855	22.2	8.5	<0.5	62	2.09	0.113
2695268	Drill Core	2.81	21.3	18.7	410.0	4538	0.7	85.9	8.2	182	1.63	12	4.1	6.8	277	25.0	10.8	<0.5	91	1.36	0.184
2695269	Drill Core	1.41	19.4	59.2	8775.2	38492	4.1	76.1	6.0	467	4.22	20	3.6	3.9	808	209.7	40.8	<0.5	61	1.92	0.079
2695270	Drill Core	2.95	26.0	62.6	1073.9	15366	2.0	87.0	6.6	201	4.14	53	4.5	4.4	513	81.2	33.4	<0.5	75	0.69	0.058
2695271	Drill Core	2.71	28.5	50.7	832.2	15556	1.6	82.4	7.0	399	3.75	37	5.1	4.5	436	87.4	27.4	<0.5	75	1.47	0.063
2695272	Drill Core	2.81	25.5	47.4	580.1	7807	1.6	92.8	6.6	502	4.45	35	3.6	4.4	349	38.2	28.6	<0.5	72	1.76	0.064
2695273 DUP 2695272	Core DUP		21.9	47.3	548.1	7282	1.5	92.8	7.2	480	4.17	35	3.3	4.0	335	36.9	27.0	<0.5	76	1.70	0.062
2695274	Drill Core	2.80	22.5	50.9	625.9	4586	2.0	76.6	5.4	666	5.48	51	3.2	4.0	683	24.6	34.3	<0.5	69	2.95	0.062
2695275	Drill Core	2.87	24.1	59.1	588.1	5209	2.9	89.5	6.4	518	6.84	56	3.0	3.7	222	23.8	39.1	<0.5	68	1.61	0.063
2695276	Drill Core	2.77	18.9	39.7	396.6	5049	2.0	80.8	6.9	495	5.48	35	3.0	4.3	440	24.4	25.5	<0.5	70	2.51	0.077
2695277	Drill Core	2.66	22.5	33.1	431.7	6645	1.9	92.1	7.5	411	4.95	34	3.7	3.9	368	27.4	21.2	<0.5	75	1.67	0.080
2695278	Drill Core	2.77	16.8	35.2	402.4	4678	2.0	78.0	6.5	342	6.08	43	2.4	4.1	365	20.4	22.5	<0.5	64	2.10	0.082
2695279	Drill Core	2.60	14.9	49.1	1117.2	5945	3.4	77.1	5.3	221	9.71	59	2.1	2.7	346	23.1	30.0	<0.5	65	1.25	0.069
2695280	Drill Core	1.72	15.2	37.6	795.1	10951	3.2	96.2	7.1	338	8.34	57	2.4	2.6	162	43.2	21.1	<0.5	64	1.30	0.098
2695281	Drill Core	1.57	7.0	6.8	89.4	1627	<0.5	38.5	5.9	417	1.84	6	1.3	5.2	456	6.4	1.7	<0.5	45	3.14	0.066
2695282	Drill Core	2.24	11.6	28.3	560.0	5900	2.4	67.6	5.7	815	7.31	38	1.8	2.9	464	21.7	9.5	<0.5	55	3.31	0.075
2695283	Rock Pulp	0.02	7.4	1819.7	13172.3	15575	60.4	15.2	17.8	1602	4.34	57	0.8	2.2	84	124.5	172.3	5.0	78	1.96	0.048

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CERTIFICATE OF ANALYSIS VAN15002137.1

		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG
	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01
	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
2695254	Drill Core	6.4	5.0	0.23	154	0.003	0.51	<0.01	0.13	<0.5	2.66	2.5	133.4	16.57	<5	43	20329	3.129
2695255	Drill Core	22.7	5.9	0.21	1982	0.004	1.12	<0.01	0.19	<0.5	0.14	2.6	8.7	1.40	<5	11	31692	2.665
2695256	Drill Core	11.1	7.1	0.22	262	0.004	0.88	<0.01	0.20	<0.5	1.11	2.9	89.3	10.16	<5	45	27470	2.873
2695257	Drill Core	8.3	6.4	0.46	169	0.004	0.56	<0.01	0.16	<0.5	2.18	2.4	150.8	15.48	<5	56	23183	3.066
2695258	Drill Core	20.1	7.6	0.19	697	0.005	0.71	<0.01	0.23	<0.5	0.36	2.8	22.3	3.46	<5	19	19580	2.676
2695259	Drill Core	13.8	7.5	0.27	322	0.004	0.86	<0.01	0.20	<0.5	0.70	2.6	52.2	8.30	<5	30	26419	2.834
2695260	Drill Core	7.1	6.0	0.08	106	0.004	0.61	<0.01	0.16	<0.5	0.76	1.8	96.2	18.62	<5	52	25564	3.116
2695261	Drill Core	14.2	7.2	0.14	305	0.005	1.36	<0.01	0.19	<0.5	0.44	2.8	46.3	7.28	<5	28	35428	2.829
2695262	Drill Core	9.9	6.5	0.20	154	0.004	1.12	<0.01	0.17	<0.5	0.65	3.1	87.5	11.93	<5	27	39071	2.966
2695263	Rock Pulp	7.6	18.2	0.82	133	0.172	1.92	0.24	0.23	0.5	<0.05	3.5	<0.5	<0.05	6	<2	625	I.S.
2695264	Drill Core	11.7	7.3	0.19	159	0.004	0.85	<0.01	0.17	<0.5	1.12	2.8	107.6	11.08	<5	41	34717	2.959
2695265	Drill Core	17.9	9.3	0.08	1430	0.004	0.78	<0.01	0.19	<0.5	0.27	1.8	12.3	1.87	<5	13	22201	2.623
2695266	Drill Core	12.1	7.0	0.16	201	0.004	0.58	<0.01	0.19	<0.5	1.14	1.9	126.2	10.17	<5	62	24383	2.882
2695267	Drill Core	16.9	7.7	0.45	1304	0.005	0.37	<0.01	0.20	<0.5	<0.05	2.4	5.4	1.95	<5	9	9944	2.607
2695268	Drill Core	22.4	9.7	0.45	1625	0.006	0.55	<0.01	0.29	<0.5	0.13	3.1	5.7	2.10	<5	12	18143	2.559
2695269	Drill Core	11.7	6.5	0.50	339	0.003	0.38	<0.01	0.19	<0.5	0.55	2.6	57.7	6.95	<5	88	17824	2.734
2695270	Drill Core	13.7	6.6	0.14	394	0.004	0.42	<0.01	0.24	<0.5	0.19	1.7	47.2	5.78	<5	32	15692	2.689
2695271	Drill Core	13.3	6.8	0.18	509	0.004	0.41	<0.01	0.22	<0.5	0.32	2.2	40.7	5.22	<5	29	14181	2.673
2695272	Drill Core	13.5	7.5	0.23	407	0.004	0.44	<0.01	0.23	<0.5	0.18	2.4	28.4	5.57	<5	31	14566	2.665
2695273 DUP 2695272	Core DUP	13.0	7.0	0.24	444	0.004	0.46	<0.01	0.24	<0.5	0.17	2.3	27.5	5.21	<5	27	14657	2.648
2695274	Drill Core	11.6	6.9	0.41	387	0.004	0.44	<0.01	0.22	<0.5	0.11	3.4	37.3	6.63	<5	29	16628	2.698
2695275	Drill Core	10.4	8.5	0.15	302	0.004	0.46	<0.01	0.22	<0.5	0.16	2.2	33.5	8.49	<5	26	12298	2.696
2695276	Drill Core	11.8	7.4	0.43	366	0.004	0.45	<0.01	0.23	<0.5	0.09	3.5	22.9	6.82	<5	18	13521	2.683
2695277	Drill Core	12.6	7.6	0.24	432	0.004	0.54	<0.01	0.24	<0.5	0.15	2.9	22.9	6.25	<5	20	15540	2.612
2695278	Drill Core	13.9	8.6	0.47	351	0.004	0.48	<0.01	0.23	<0.5	0.18	3.5	22.0	7.36	<5	12	18669	2.700
2695279	Drill Core	10.2	8.4	0.28	222	0.004	0.57	<0.01	0.20	<0.5	0.24	2.8	42.6	12.08	<5	25	20808	2.800
2695280	Drill Core	9.6	8.1	0.22	247	0.003	0.58	<0.01	0.21	<0.5	0.39	2.5	37.1	10.44	<5	17	20423	2.804
2695281	Drill Core	22.1	6.7	0.49	1188	0.004	0.64	<0.01	0.24	<0.5	0.12	4.4	3.3	2.03	<5	8	31123	2.648
2695282	Drill Core	10.9	8.6	0.44	212	0.004	0.53	<0.01	0.20	<0.5	0.31	3.1	27.9	8.76	<5	9	26179	2.793
2695283	Rock Pulp	6.6	23.0	1.32	237	0.131	1.64	0.19	0.20	1.4	0.45	3.8	1.1	1.95	5	4	608	I.S.

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2695284	Drill Core	2.74	12.8	35.9	2024.4	16254	5.7	60.0	4.1	469	15.31	66	1.6	1.6	212	55.4	15.8	<0.5	59	1.50	0.071
2695285	Drill Core	3.03	9.4	27.6	2406.5	19147	6.3	52.4	4.3	214	14.72	59	1.1	1.9	131	65.5	8.1	<0.5	57	0.94	0.059
2695286	Drill Core	2.30	10.1	31.1	2891.1	20712	7.9	58.3	4.7	201	16.45	76	1.3	1.9	104	83.8	9.7	<0.5	60	0.60	0.059
2695287	Drill Core	2.41	12.4	31.5	1045.6	4653	6.2	61.3	4.3	497	12.94	78	1.1	1.9	126	21.4	8.5	<0.5	60	1.00	0.040
2695288	Drill Core	3.23	18.5	38.2	757.0	388	5.1	98.6	5.0	464	10.46	94	1.5	2.6	64	2.4	9.9	<0.5	77	0.60	0.034
2695289	Drill Core	2.55	16.5	34.4	498.8	1875	3.9	104.7	5.8	579	5.42	66	1.8	3.3	194	13.2	8.4	<0.5	70	2.67	0.058
2695290	Drill Core	1.56	19.5	38.9	546.9	3263	4.2	130.1	5.7	317	4.90	67	2.2	3.5	87	23.1	10.0	<0.5	75	0.94	0.044
2695291	Drill Core	3.23	13.3	27.9	392.4	1008	3.0	68.6	4.7	971	3.46	36	1.8	3.1	551	7.1	9.5	<0.5	60	8.08	0.085
2695292	Drill Core	2.47	12.6	29.4	461.8	26	3.3	64.8	4.5	1383	4.00	42	1.3	2.5	766	<0.5	15.0	<0.5	52	12.71	0.070
2695293 DUP 2695292	Core DUP		11.1	31.8	439.0	27	3.3	62.7	3.6	1394	4.01	39	1.2	2.2	729	<0.5	15.2	<0.5	52	13.11	0.064
2695294	Drill Core	2.40	12.6	32.5	436.9	28	2.8	65.5	3.5	1554	4.96	57	1.4	2.2	923	<0.5	18.6	<0.5	49	16.10	0.053
2695295	Drill Core	2.49	10.8	35.4	335.0	20	1.8	59.4	3.5	1381	3.69	48	1.4	2.3	1099	<0.5	16.0	<0.5	53	18.66	0.044
2695296	Drill Core	2.52	7.1	25.7	200.4	175	0.5	39.7	3.7	998	1.24	9	1.5	2.5	918	1.8	9.2	<0.5	55	15.38	0.046
2695297	Drill Core	1.74	14.0	39.6	281.2	13	0.7	64.7	6.6	276	2.22	14	2.4	4.1	173	<0.5	14.0	<0.5	50	3.11	0.041
2695298	Drill Core	2.56	25.9	46.6	245.8	882	0.9	85.2	8.4	201	2.74	27	6.6	3.0	266	7.6	19.3	<0.5	49	1.54	0.045
2695299	Drill Core	3.64	12.4	28.4	156.2	1070	0.5	32.4	5.9	310	2.07	17	4.0	3.4	1230	8.2	14.1	<0.5	127	5.15	0.039
2695300	Drill Core	2.71	19.4	30.0	120.8	3980	0.6	58.5	3.9	725	1.83	11	5.0	2.4	876	35.6	18.0	<0.5	304	6.95	0.033
2695301	Drill Core	1.88	23.1	42.3	129.1	109	0.9	83.8	6.1	345	2.18	25	8.2	3.2	259	<0.5	22.8	<0.5	119	3.08	0.048
2695302	Drill Core	3.16	28.0	38.1	104.4	1495	1.1	84.5	5.4	501	1.68	17	9.2	3.1	415	16.9	20.3	<0.5	138	5.93	0.048
2695303	Rock Pulp	0.02	5.8	89.1	5.5	47	<0.5	13.1	9.2	542	3.50	<5	1.1	3.1	91	<0.5	<0.5	<0.5	95	1.03	0.057
2695304	Drill Core	2.33	27.6	37.8	93.2	12	1.0	88.0	5.7	362	1.89	18	9.3	3.3	260	<0.5	20.0	<0.5	114	5.52	0.052
2695305	Drill Core	2.71	28.3	36.5	85.6	18	1.1	91.1	7.0	199	1.80	19	9.1	3.5	162	<0.5	19.4	<0.5	105	2.85	0.049
2695306	Drill Core	2.54	28.0	55.9	109.9	14	3.0	105.8	7.4	71	2.57	28	7.8	3.6	64	<0.5	25.6	<0.5	111	0.42	0.039
2695307	Drill Core	2.54	30.5	66.7	98.6	20	2.0	108.8	7.3	90	2.46	34	9.9	4.0	85	<0.5	24.1	<0.5	125	0.58	0.049
2695308	Drill Core	2.19	31.5	51.0	68.3	21	1.1	100.7	7.1	216	2.00	29	15.4	3.4	198	<0.5	18.2	<0.5	111	3.39	0.126
2695309	Drill Core	2.38	43.9	58.3	107.4	27	1.4	97.1	8.1	171	2.67	35	12.3	3.5	150	<0.5	26.2	<0.5	56	1.86	0.047
2695310	Drill Core	3.26	36.3	45.6	84.8	15	1.1	115.2	8.5	123	2.53	26	10.0	3.3	141	<0.5	19.3	<0.5	86	1.26	0.038
2695311	Drill Core	2.01	28.4	59.6	88.1	18	1.3	111.3	9.6	241	3.46	32	9.6	3.4	281	<0.5	23.3	<0.5	67	2.92	0.046
2695312	Drill Core	2.64	31.1	50.4	57.0	15	0.9	98.6	7.2	81	1.88	19	8.1	3.1	62	<0.5	17.0	<0.5	95	0.54	0.022
2695313 DUP 2695312	Core DUP		28.5	48.4	53.6	16	0.8	95.1	7.1	76	1.85	16	7.7	3.1	56	<0.5	15.7	<0.5	93	0.49	0.021

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Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695284	Drill Core	5.7	9.6	0.14	108	0.004	0.42	<0.01	0.18	<0.5	0.72	1.6	70.5	19.64	<5	17	12921	3.047
2695285	Drill Core	7.5	8.5	0.26	94	0.004	0.38	<0.01	0.18	<0.5	0.89	2.1	66.3	19.31	<5	10	16201	3.081
2695286	Drill Core	7.0	9.6	0.14	78	0.004	0.36	<0.01	0.18	<0.5	1.00	1.5	67.8	21.64	<5	13	11358	3.123
2695287	Drill Core	5.9	8.3	0.14	100	0.004	0.35	<0.01	0.18	<0.5	0.32	1.7	42.7	17.09	<5	13	9721	2.934
2695288	Drill Core	8.3	10.9	0.18	176	0.004	0.39	<0.01	0.20	<0.5	0.12	2.1	33.7	13.33	<5	12	10680	2.808
2695289	Drill Core	9.6	10.0	0.25	365	0.004	0.42	<0.01	0.22	<0.5	0.19	2.7	23.0	6.62	<5	12	10492	2.677
2695290	Drill Core	11.4	10.1	0.16	620	0.004	0.39	<0.01	0.21	<0.5	0.19	2.1	25.2	6.20	<5	15	8500	2.654
2695291	Drill Core	10.9	11.0	0.37	673	0.004	0.39	0.01	0.19	<0.5	0.07	2.8	16.8	4.21	<5	5	9798	2.708
2695292	Drill Core	7.3	12.5	0.20	582	0.003	0.30	0.01	0.15	<0.5	0.14	3.4	20.5	4.74	<5	6	7445	2.697
2695293 DUP 2695292	Core DUP	6.8	12.0	0.21	597	0.003	0.29	0.01	0.15	<0.5	0.10	2.9	21.3	4.85	<5	8	7531	2.700
2695294	Drill Core	7.3	10.7	0.44	361	0.002	0.25	0.02	0.14	<0.5	0.19	3.3	16.0	5.87	<5	5	7931	2.734
2695295	Drill Core	9.4	8.0	0.33	510	0.002	0.23	0.02	0.13	<0.5	0.12	3.4	12.3	4.23	<5	8	9293	2.697
2695296	Drill Core	11.6	4.9	0.25	3028	0.002	0.25	0.02	0.14	<0.5	<0.05	3.8	4.4	1.51	<5	<2	13743	2.609
2695297	Drill Core	16.1	6.5	0.26	1128	0.003	0.41	<0.01	0.21	<0.5	0.07	3.7	10.1	2.72	<5	4	24686	2.587
2695298	Drill Core	13.0	6.6	0.33	1418	0.003	1.56	<0.01	0.17	<0.5	0.27	5.3	12.1	2.00	<5	4	66030	2.685
2695299	Drill Core	15.6	18.2	0.44	77399	0.037	2.74	<0.01	0.04	<0.5	0.46	13.7	6.0	0.16	6	2	207265	3.078
2695300	Drill Core	11.7	17.5	0.36	26636	0.042	2.21	<0.01	0.06	<0.5	0.78	10.0	4.9	0.22	5	8	150470	2.951
2695301	Drill Core	10.2	8.9	0.28	1042	0.003	0.69	<0.01	0.20	<0.5	0.22	3.7	5.3	2.39	<5	11	36504	2.636
2695302	Drill Core	10.0	8.6	0.25	1812	0.004	0.38	<0.01	0.21	0.5	0.43	3.5	4.0	2.20	<5	22	18236	2.565
2695303	Rock Pulp	6.5	17.2	0.80	133	0.162	1.84	0.23	0.23	0.7	<0.05	4.8	<0.5	<0.05	5	<2	633	I.S.
2695304	Drill Core	9.1	7.0	0.20	1262	0.005	0.36	<0.01	0.21	<0.5	0.14	2.8	3.6	2.36	<5	13	16323	2.572
2695305	Drill Core	10.3	6.6	0.14	1005	0.006	0.39	<0.01	0.23	<0.5	0.18	2.4	4.1	2.26	<5	19	14392	2.562
2695306	Drill Core	10.9	10.2	0.16	763	0.004	0.40	<0.01	0.25	<0.5	0.25	2.1	5.0	3.20	<5	34	14210	2.563
2695307	Drill Core	12.0	9.2	0.25	982	0.005	0.45	<0.01	0.27	<0.5	0.14	2.2	4.3	3.15	<5	38	12896	2.567
2695308	Drill Core	12.1	7.1	0.21	1239	0.005	0.40	<0.01	0.24	<0.5	0.15	2.3	3.3	2.49	<5	22	10306	2.553
2695309	Drill Core	10.7	5.4	0.19	808	0.004	0.39	<0.01	0.24	<0.5	0.23	2.8	5.7	3.22	<5	13	12175	2.538
2695310	Drill Core	10.7	5.2	0.25	838	0.004	0.40	<0.01	0.24	<0.5	0.20	2.2	4.8	3.12	<5	13	10348	2.571
2695311	Drill Core	10.4	6.5	0.33	656	0.004	0.38	<0.01	0.22	<0.5	0.24	2.5	3.3	4.15	<5	13	9806	2.537
2695312	Drill Core	15.4	5.7	0.27	1326	0.004	0.41	<0.01	0.24	<0.5	0.16	2.2	2.3	2.35	<5	18	11528	2.559
2695313 DUP 2695312	Core DUP	13.9	5.9	0.26	1226	0.003	0.39	<0.01	0.24	<0.5	0.21	2.2	2.1	2.39	<5	17	10743	2.544

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Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695314	Drill Core	0.64	29.3	66.4	85.6	30	1.5	108.8	11.2	240	3.30	33	7.9	3.2	280	<0.5	23.1	<0.5	44	3.32	0.061
2695315	Drill Core	3.10	33.3	45.9	49.4	13	0.8	95.6	7.5	77	1.77	17	8.7	3.3	59	<0.5	15.5	<0.5	100	0.53	0.037
2695316	Drill Core	1.11	43.1	70.2	64.1	10	1.4	117.0	7.3	117	2.49	28	16.0	2.5	129	<0.5	20.3	<0.5	65	1.33	0.058
2695317	Drill Core	1.82	28.3	39.0	40.4	8	0.6	91.9	7.4	80	1.63	14	8.5	3.7	59	<0.5	13.7	<0.5	95	0.62	0.036
2695318	Drill Core	0.87	26.0	44.8	29.8	32	0.8	82.6	5.9	101	1.45	16	9.0	2.4	151	<0.5	14.1	<0.5	67	0.86	0.055
2695319	Drill Core	2.70	37.5	51.8	45.4	10	0.8	104.2	8.0	91	1.65	22	11.3	4.0	94	<0.5	17.4	<0.5	104	0.83	0.047
2695320	Drill Core	2.26	32.3	55.0	47.9	13	0.8	108.0	7.5	94	2.00	20	10.4	3.6	127	<0.5	19.5	<0.5	94	0.98	0.046
2695321	Drill Core	2.89	31.1	45.7	44.9	10	0.8	103.3	7.7	107	1.82	16	9.2	4.1	138	<0.5	13.4	<0.5	93	1.00	0.047
2695322	Drill Core	3.19	26.3	50.1	42.3	15	0.8	100.9	8.0	147	1.95	20	9.4	3.5	154	<0.5	14.8	<0.5	80	1.48	0.055
2695323	Rock Pulp	0.02	6.7	1860.7	12732.5	16016	61.6	12.8	17.2	1564	4.41	58	0.8	2.3	88	116.0	179.4	5.0	79	2.01	0.050
2695324	Drill Core	2.48	24.0	53.8	49.5	11	0.8	94.5	9.1	89	2.42	17	7.8	3.9	70	<0.5	16.7	<0.5	82	0.75	0.050
2695325	Drill Core	2.38	18.5	52.4	46.0	30	0.7	106.6	10.8	144	2.07	20	6.8	4.8	271	<0.5	13.9	<0.5	64	2.09	0.079
2695326	Drill Core	2.41	23.6	35.2	31.0	123	0.6	112.9	5.6	264	1.46	15	7.3	2.3	480	<0.5	9.6	<0.5	70	3.92	0.038
2695327	Drill Core	2.38	33.2	47.2	47.1	7	0.8	102.7	7.2	105	1.77	21	10.4	3.8	128	<0.5	13.3	<0.5	97	1.39	0.044
2695328	Drill Core	2.25	29.6	48.3	39.5	231	0.7	101.9	6.7	170	1.62	22	8.5	2.9	403	1.7	15.3	<0.5	74	4.99	0.044
2695329	Drill Core	2.40	21.0	46.3	47.8	96	0.7	69.9	5.5	285	2.08	15	7.7	2.1	488	0.7	13.4	<0.5	49	13.23	0.085
2695330	Drill Core	2.33	26.0	42.3	29.3	17	0.6	73.3	4.9	170	1.53	16	8.6	1.8	318	<0.5	10.6	<0.5	43	4.15	0.035
2695331	Drill Core	2.47	33.4	41.8	38.5	5	0.6	92.3	5.6	76	1.80	15	11.5	2.2	116	<0.5	7.1	<0.5	53	1.57	0.042
2695332	Drill Core	2.49	32.5	46.4	45.9	6	0.8	94.2	6.7	150	1.73	21	10.9	2.0	212	<0.5	7.3	<0.5	42	3.40	0.036
2695333 DUP 2695332	Core DUP		33.2	48.3	43.7	7	0.8	94.8	6.7	146	1.71	20	10.7	2.0	203	<0.5	8.4	<0.5	41	3.32	0.031
2695334	Drill Core	1.49	30.7	45.6	38.8	9	0.7	78.5	6.9	97	1.78	16	7.0	2.4	105	<0.5	5.9	<0.5	41	1.37	0.034
2695335	Drill Core	2.36	21.6	33.4	28.9	35	0.5	81.2	6.1	275	1.82	11	5.8	2.5	222	<0.5	3.9	<0.5	39	6.48	0.059
2695336	Drill Core	1.46	11.6	17.5	14.4	54	<0.5	45.4	3.9	462	1.13	6	4.7	2.8	329	<0.5	2.3	<0.5	29	15.59	0.113
2695337	Drill Core	1.13	26.7	47.5	34.5	10	0.9	118.3	10.1	158	2.02	12	5.3	4.9	70	<0.5	5.2	<0.5	49	2.17	0.090
2695338	Drill Core	1.12	21.7	44.1	30.2	11	0.7	100.0	8.5	205	1.80	12	5.3	4.6	99	<0.5	5.1	<0.5	51	3.17	0.092
2695339	Drill Core	1.40	13.2	25.6	22.0	5	<0.5	47.0	5.1	449	1.75	6	3.1	3.3	307	<0.5	3.1	<0.5	37	9.83	0.056
2695340	Drill Core	2.71	11.7	22.2	21.4	<5	<0.5	40.0	5.3	418	1.53	7	2.1	5.0	215	<0.5	3.3	<0.5	30	7.84	0.079
2695341	Drill Core	2.52	8.5	17.4	17.0	33	<0.5	28.8	3.8	399	1.22	<5	1.9	4.6	190	<0.5	2.6	<0.5	21	6.93	0.065
2695342	Drill Core	2.13	7.5	18.7	17.0	25	<0.5	26.7	4.0	473	1.23	<5	1.5	4.4	193	<0.5	2.0	<0.5	16	7.26	0.066
2695343	Rock Pulp	0.02	4.9	89.7	4.6	45	<0.5	13.5	9.5	558	3.60	<5	0.8	2.8	98	<0.5	<0.5	<0.5	99	1.14	0.058

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	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
2695314	Drill Core	11.8	5.4	0.10	645	0.005	0.34	<0.01	0.21	<0.5	0.19	3.9	3.5	4.04	<5	9	11275	2.546
2695315	Drill Core	14.7	5.9	0.26	887	0.004	0.38	<0.01	0.23	<0.5	0.12	2.1	2.2	2.28	<5	16	10614	2.537
2695316	Drill Core	9.4	5.9	0.16	615	0.004	0.30	<0.01	0.17	<0.5	0.14	2.0	3.3	3.07	<5	13	7077	2.466
2695317	Drill Core	15.4	5.6	0.31	814	0.004	0.36	<0.01	0.22	<0.5	0.10	1.8	1.8	2.01	<5	8	11140	2.521
2695318	Drill Core	8.3	5.8	0.12	944	0.003	0.26	<0.01	0.16	<0.5	0.11	1.3	1.6	1.76	<5	5	7301	2.733
2695319	Drill Core	13.9	5.5	0.32	724	0.004	0.38	<0.01	0.23	<0.5	0.14	1.8	2.2	2.10	<5	13	9228	2.505
2695320	Drill Core	13.2	5.8	0.20	680	0.004	0.37	<0.01	0.23	<0.5	0.13	2.0	2.2	2.46	<5	18	8104	2.527
2695321	Drill Core	13.7	6.3	0.24	776	0.005	0.38	<0.01	0.26	<0.5	0.15	2.7	1.9	2.24	<5	8	8698	2.523
2695322	Drill Core	10.4	7.4	0.34	916	0.004	0.39	<0.01	0.24	<0.5	0.15	2.3	2.2	2.33	<5	16	8044	2.503
2695323	Rock Pulp	6.1	23.7	1.33	248	0.135	1.65	0.20	0.21	1.4	0.38	4.4	1.0	1.98	<5	<2	620	I.S.
2695324	Drill Core	11.8	7.2	0.29	701	0.004	0.40	<0.01	0.26	<0.5	0.09	1.7	1.8	2.97	<5	11	9217	2.546
2695325	Drill Core	12.6	7.9	0.18	934	0.004	0.44	<0.01	0.30	<0.5	0.13	3.4	2.0	2.53	<5	7	10556	2.570
2695326	Drill Core	8.6	7.5	0.38	472	0.003	0.29	<0.01	0.18	<0.5	0.10	2.2	1.3	1.69	<5	7	5574	2.476
2695327	Drill Core	11.8	6.1	0.36	668	0.005	0.36	<0.01	0.24	<0.5	0.09	2.1	1.8	2.19	<5	15	7370	2.508
2695328	Drill Core	9.8	6.6	0.32	949	0.003	0.32	<0.01	0.19	<0.5	0.12	1.9	1.7	1.90	<5	13	6389	2.579
2695329	Drill Core	9.9	6.6	0.71	961	0.003	0.26	<0.01	0.15	<0.5	0.16	2.3	1.5	2.49	<5	14	5089	2.607
2695330	Drill Core	8.9	5.2	0.18	732	0.003	0.23	<0.01	0.14	<0.5	0.11	1.7	1.6	1.71	<5	10	3980	2.603
2695331	Drill Core	9.0	6.7	0.04	719	0.003	0.24	<0.01	0.15	<0.5	0.20	1.0	1.8	2.07	<5	7	4530	2.571
2695332	Drill Core	8.1	6.1	0.05	395	0.003	0.24	<0.01	0.15	<0.5	0.16	1.5	1.8	2.00	<5	7	2621	2.586
2695333 DUP 2695332	Core DUP	7.8	6.1	0.06	395	0.003	0.25	<0.01	0.15	<0.5	0.18	1.1	1.9	1.96	<5	6	2704	2.578
2695334	Drill Core	9.0	6.2	0.07	348	0.003	0.29	<0.01	0.18	<0.5	0.11	1.5	1.4	2.03	<5	7	2579	2.560
2695335	Drill Core	11.6	6.5	0.91	510	0.003	0.31	<0.01	0.20	<0.5	0.10	2.3	1.2	2.13	<5	6	2793	2.610
2695336	Drill Core	12.8	5.7	1.44	513	0.003	0.24	<0.01	0.16	<0.5	<0.05	1.9	0.6	1.27	<5	5	2465	2.626
2695337	Drill Core	14.9	7.1	0.72	273	0.004	0.41	<0.01	0.27	<0.5	0.14	1.9	1.3	2.40	<5	9	3394	2.598
2695338	Drill Core	15.2	6.9	0.88	292	0.004	0.39	<0.01	0.26	<0.5	0.08	1.9	1.2	2.14	<5	9	3199	2.570
2695339	Drill Core	15.1	5.8	2.44	649	0.004	0.30	<0.01	0.19	<0.5	0.06	2.4	0.6	1.79	<5	6	3089	2.589
2695340	Drill Core	17.3	5.2	2.33	416	0.004	0.36	<0.01	0.23	<0.5	0.09	2.7	0.7	1.57	<5	2	3711	2.646
2695341	Drill Core	13.8	5.2	2.51	257	0.004	0.33	<0.01	0.22	<0.5	0.09	2.9	0.6	1.09	<5	<2	3623	2.639
2695342	Drill Core	14.0	4.8	2.49	271	0.005	0.34	<0.01	0.23	<0.5	<0.05	2.6	<0.5	1.13	<5	<2	3516	2.628
2695343	Rock Pulp	6.5	17.5	0.82	139	0.184	1.95	0.24	0.23	0.7	<0.05	4.2	<0.5	<0.05	5	<2	611	I.S.

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Project: AKIE
Report Date: October 02, 2015

CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695344	Drill Core	2.76	3.4	15.7	14.5	19	<0.5	22.2	4.0	327	1.13	<5	1.1	4.3	143	<0.5	1.4	<0.5	17	5.25	0.092
2695345	Drill Core	2.44	2.2	12.9	13.5	31	<0.5	23.6	3.7	320	1.04	<5	0.9	3.9	151	<0.5	1.5	<0.5	15	5.27	0.091

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CERTIFICATE OF ANALYSIS VAN15002137.1

	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
2695344	Drill Core	15.3	6.2	1.98	282	0.004	0.39	<0.01	0.27	<0.5	0.07	2.7	<0.5	1.01	<5	<2	3624	2.609
2695345	Drill Core	13.1	5.0	1.93	257	0.004	0.34	<0.01	0.24	<0.5	0.07	2.4	<0.5	0.93	<5	3	3418	2.625

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QUALITY CONTROL REPORT VAN15002137.1

	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																					
2695186	Drill Core	2.61	35.3	42.7	4872.0	30770	7.1	101.7	6.0	393	13.00	75	3.4	2.4	837	181.4	25.1	<0.5	58	1.04	0.055
REP 2695186	QC		37.5	41.8	4862.4	31050	6.9	98.7	5.2	392	13.00	81	3.4	2.4	859	193.7	26.7	<0.5	57	1.03	0.050
2695191	Drill Core	1.92	24.2	16.4	1455.4	6227	1.1	92.4	8.9	66	1.74	14	4.5	5.1	43	32.0	3.8	<0.5	86	0.33	0.085
REP 2695191	QC																				
2695221	Drill Core	1.62	28.1	63.1	12026.5	58798	13.5	75.4	3.6	586	17.61	84	3.6	1.9	178	348.9	39.4	<0.5	59	1.26	0.039
REP 2695221	QC		30.4	68.6	12076.0	58621	14.1	85.5	3.4	603	17.69	80	3.4	1.8	185	355.0	38.3	<0.5	57	1.27	0.041
2695226	Drill Core	2.66	26.5	29.5	6368.7	38329	8.2	68.3	3.6	483	12.01	58	2.7	1.9	265	210.9	15.2	<0.5	63	0.89	0.045
REP 2695226	QC																				
2695236	Drill Core	1.95	27.5	50.2	6866.0	28252	8.0	80.1	4.6	305	11.81	56	3.1	2.2	126	162.4	22.3	0.6	50	0.55	0.051
REP 2695236	QC		26.7	49.5	6562.1	27709	7.9	84.1	5.3	321	12.10	58	3.8	2.7	129	172.3	23.9	<0.5	48	0.59	0.051
2695238	Drill Core	2.22	29.5	39.7	13141.2	69588	15.3	71.6	3.4	474	18.23	92	2.7	1.1	59	384.0	23.2	<0.5	37	0.41	0.035
REP 2695238	QC		30.6	39.6	13281.9	69483	15.2	75.1	3.6	484	18.36	93	2.7	1.1	62	372.3	23.6	<0.5	37	0.40	0.036
2695256	Drill Core	1.87	30.1	62.6	7560.9	38685	8.9	82.7	5.5	578	7.69	40	5.1	3.0	332	243.5	48.2	<0.5	70	2.77	0.058
REP 2695256	QC		27.5	64.5	7585.2	39153	9.4	79.5	6.0	575	7.74	38	5.2	3.0	329	249.5	49.1	<0.5	73	2.79	0.058
2695261	Drill Core	2.40	29.5	44.5	2003.1	11239	3.0	85.7	6.5	313	6.68	46	5.6	3.0	480	66.2	36.1	<0.5	80	0.63	0.052
REP 2695261	QC																				
2695292	Drill Core	2.47	12.6	29.4	461.8	26	3.3	64.8	4.5	1383	4.00	42	1.3	2.5	766	<0.5	15.0	<0.5	52	12.71	0.070
REP 2695292	QC		12.6	31.7	451.9	25	3.3	66.9	4.7	1422	4.01	44	1.2	2.3	758	<0.5	14.5	<0.5	52	13.41	0.067
2695297	Drill Core	1.74	14.0	39.6	281.2	13	0.7	64.7	6.6	276	2.22	14	2.4	4.1	173	<0.5	14.0	<0.5	50	3.11	0.041
REP 2695297	QC																				
2695327	Drill Core	2.38	33.2	47.2	47.1	7	0.8	102.7	7.2	105	1.77	21	10.4	3.8	128	<0.5	13.3	<0.5	97	1.39	0.044
REP 2695327	QC		33.3	47.0	48.8	7	0.8	97.8	8.1	102	1.76	21	11.2	4.2	134	<0.5	14.4	<0.5	95	1.39	0.044
2695332	Drill Core	2.49	32.5	46.4	45.9	6	0.8	94.2	6.7	150	1.73	21	10.9	2.0	212	<0.5	7.3	<0.5	42	3.40	0.036
REP 2695332	QC																				
2695345	Drill Core	2.44	2.2	12.9	13.5	31	<0.5	23.6	3.7	320	1.04	<5	0.9	3.9	151	<0.5	1.5	<0.5	15	5.27	0.091
REP 2695345	QC		2.6	12.6	13.4	32	<0.5	23.7	3.6	320	1.03	<5	0.9	3.8	147	<0.5	1.4	<0.5	15	5.08	0.083
Core Reject Duplicates																					
2695196	Drill Core	3.75	27.5	47.7	8967.7	47708	9.2	82.1	5.2	357	9.31	59	3.1	2.3	189	264.1	45.7	<0.5	65	1.77	0.048

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Project: AKIE
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QUALITY CONTROL REPORT VAN15002137.1

	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																		
2695186	Drill Core	9.8	7.5	0.15	146	0.003	0.47	<0.01	0.16	<0.5	0.89	1.7	78.9	18.11	<5	22	16002	3.030
REP 2695186	QC	9.9	7.5	0.16	141	0.005	0.46	<0.01	0.16	<0.5	1.03	1.9	77.4	18.01	<5	23		
2695191	Drill Core	22.7	9.4	0.11	1436	0.005	1.42	<0.01	0.24	<0.5	0.13	2.3	6.8	1.79	<5	9	32288	2.680
REP 2695191	QC																33477	
2695221	Drill Core	7.1	9.7	0.23	76	0.003	0.34	<0.01	0.13	<0.5	1.79	2.3	143.6	23.38	<5	29	16242	3.281
REP 2695221	QC	6.5	10.0	0.24	86	0.003	0.34	<0.01	0.13	<0.5	1.67	2.7	141.0	23.50	<5	28		
2695226	Drill Core	8.5	9.4	0.28	136	0.003	0.85	<0.01	0.13	<0.5	1.12	2.8	96.8	15.23	<5	15	42876	3.082
REP 2695226	QC																43719	
2695236	Drill Core	9.9	7.8	0.18	153	0.006	0.62	<0.01	0.13	0.5	1.01	1.8	84.6	15.20	<5	21	24157	3.024
REP 2695236	QC	10.5	7.3	0.21	132	0.004	0.66	<0.01	0.15	0.6	1.10	2.1	86.7	15.81	<5	17		
2695238	Drill Core	5.3	7.2	0.15	120	0.003	0.57	<0.01	0.09	0.5	2.46	1.5	160.9	24.85	<5	20	20724	3.341
REP 2695238	QC	5.1	7.5	0.15	133	0.002	0.58	<0.01	0.09	0.6	2.41	1.6	161.6	24.77	<5	21	20777	
2695256	Drill Core	11.1	7.1	0.22	262	0.004	0.88	<0.01	0.20	<0.5	1.11	2.9	89.3	10.16	<5	45	27470	2.873
REP 2695256	QC	11.1	7.4	0.22	254	0.004	0.90	<0.01	0.19	<0.5	1.30	2.8	90.0	10.35	<5	38		
2695261	Drill Core	14.2	7.2	0.14	305	0.005	1.36	<0.01	0.19	<0.5	0.44	2.8	46.3	7.28	<5	28	35428	2.829
REP 2695261	QC																36527	
2695292	Drill Core	7.3	12.5	0.20	582	0.003	0.30	0.01	0.15	<0.5	0.14	3.4	20.5	4.74	<5	6	7445	2.697
REP 2695292	QC	6.4	12.1	0.21	542	0.003	0.30	0.01	0.16	<0.5	<0.05	3.3	20.8	4.93	<5	5		
2695297	Drill Core	16.1	6.5	0.26	1128	0.003	0.41	<0.01	0.21	<0.5	0.07	3.7	10.1	2.72	<5	4	24686	2.587
REP 2695297	QC																24423	
2695327	Drill Core	11.8	6.1	0.36	668	0.005	0.36	<0.01	0.24	<0.5	0.09	2.1	1.8	2.19	<5	15	7370	2.508
REP 2695327	QC	12.3	6.6	0.37	682	0.004	0.37	<0.01	0.24	<0.5	0.10	1.8	1.7	2.16	<5	14		
2695332	Drill Core	8.1	6.1	0.05	395	0.003	0.24	<0.01	0.15	<0.5	0.16	1.5	1.8	2.00	<5	7	2621	2.586
REP 2695332	QC																2659	
2695345	Drill Core	13.1	5.0	1.93	257	0.004	0.34	<0.01	0.24	<0.5	0.07	2.4	<0.5	0.93	<5	3	3418	2.625
REP 2695345	QC	12.7	5.3	1.92	247	0.004	0.33	<0.01	0.23	<0.5	0.08	2.8	<0.5	0.90	<5	3	3474	
Core Reject Duplicates																		
2695196	Drill Core	10.4	7.6	0.19	144	0.004	0.82	<0.01	0.17	<0.5	1.11	1.9	101.8	13.63	<5	21	20103	2.935

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		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
DUP 2695196	QC		26.0	46.3	8963.4	46678	9.1	81.9	5.1	359	9.12	62	3.2	2.1	172	273.6	45.7	<0.5	64	1.77	0.046
2695230	Drill Core	2.98	17.8	34.3	4804.6	22127	5.7	63.0	5.2	464	10.09	46	2.5	2.6	417	124.4	16.1	<0.5	62	1.09	0.067
DUP 2695230	QC		16.7	32.4	4450.2	21846	5.8	60.5	4.8	469	9.37	47	2.5	2.9	493	123.9	13.0	<0.5	63	1.21	0.066
2695298	Drill Core	2.56	25.9	46.6	245.8	882	0.9	85.2	8.4	201	2.74	27	6.6	3.0	266	7.6	19.3	<0.5	49	1.54	0.045
DUP 2695298	QC		25.5	46.7	248.8	895	1.1	89.9	8.0	209	2.76	28	6.8	3.1	277	8.1	17.7	<0.5	47	1.56	0.041
Reference Materials																					
STD GBM398-4-AR	Standard		920.9	3919.7	11325.0	5349	49.6	3990.6	1933.9	5330	4.06	6	0.6	0.8	12	7.6	7.0	11.7	26	0.34	0.016
STD GBM398-4-AR	Standard		923.3	3903.1	11221.4	5237	48.6	4007.9	1898.4	5371	3.97	6	0.6	0.9	12	7.0	6.6	10.9	27	0.32	0.016
STD GBM398-4-AR	Standard		918.0	3887.8	11655.7	5221	49.2	3995.8	1940.2	5347	3.96	5	0.6	0.7	13	8.3	6.8	12.4	27	0.35	0.020
STD GBM398-4-AR	Standard		900.1	3869.6	11663.0	5125	48.2	3964.3	1974.0	5361	3.91	9	0.6	0.7	12	9.7	6.9	11.6	27	0.35	0.018
STD GBM398-4-AR	Standard		894.4	3870.5	11265.7	5216	48.5	3897.7	1916.4	5315	3.96	<5	0.7	0.8	14	7.6	7.2	12.4	26	0.36	0.017
STD GBM398-4-AR	Standard		876.1	3821.3	11326.0	5213	48.5	3869.0	1946.1	5315	3.86	<5	0.6	0.7	11	7.0	6.7	11.4	26	0.34	0.019
STD GBM398-4-AR	Standard		950.3	4051.7	11993.9	5512	49.1	4366.8	2068.8	5276	3.80	7	0.7	0.8	8	7.9	7.1	11.9	24	0.31	0.015
STD GBM398-4-AR	Standard		927.3	3917.0	11624.3	5332	48.7	4228.4	1932.0	5196	3.75	6	0.6	0.7	12	7.2	6.3	11.5	24	0.33	0.016
STD OREAS927-AR	Standard		1.7	10721.9	224.3	751	6.4	35.4	31.0	1155	8.34	13	1.7	13.2	14	0.7	1.9	62.6	38	0.30	0.050
STD OREAS927-AR	Standard		0.9	10641.0	209.2	739	4.0	27.2	28.2	1145	8.20	13	1.6	12.4	12	1.3	1.2	66.9	38	0.27	0.053
STD OREAS927-AR	Standard		0.9	10701.1	213.7	728	4.1	29.1	29.3	1168	8.22	11	1.6	11.9	12	0.7	1.0	65.1	38	0.30	0.054
STD OREAS927-AR	Standard		0.9	10710.8	194.3	728	5.5	28.4	28.4	1201	8.25	14	1.6	12.6	13	0.8	1.0	66.0	38	0.34	0.059
STD OREAS927-AR	Standard		1.4	10602.8	238.3	738	4.9	30.0	30.5	1207	8.25	12	1.8	13.7	16	1.2	1.3	67.6	36	0.29	0.054
STD OREAS927-AR	Standard		1.3	10248.0	212.9	728	4.0	29.0	28.0	1172	8.04	10	1.7	12.5	10	0.5	1.2	62.7	36	0.28	0.051
STD OREAS927-AR	Standard		1.2	10947.9	237.5	740	5.0	33.8	32.1	1078	8.06	13	1.6	12.6	11	0.7	1.6	61.0	34	0.30	0.051
STD OREAS927-AR	Standard		0.8	10698.3	227.5	734	4.6	27.0	30.9	1111	8.04	12	1.5	11.9	14	0.8	1.2	60.9	34	0.31	0.055
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 02, 2015

QUALITY CONTROL REPORT VAN15002137.1

		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
DUP 2695196	QC	9.5	8.3	0.19	134	0.003	0.80	<0.01	0.17	<0.5	1.23	2.6	98.9	13.60	<5	21	20165	2.953
2695230	Drill Core	11.5	9.1	0.32	202	0.004	0.77	<0.01	0.19	<0.5	0.69	3.3	71.4	12.05	<5	12	40768	2.962
DUP 2695230	QC	12.3	9.9	0.35	193	0.007	0.78	<0.01	0.18	<0.5	0.64	3.2	67.1	11.09	<5	12	43924	2.940
2695298	Drill Core	13.0	6.6	0.33	1418	0.003	1.56	<0.01	0.17	<0.5	0.27	5.3	12.1	2.00	<5	4	66030	2.685
DUP 2695298	QC	13.4	6.8	0.34	1337	0.002	1.55	<0.01	0.16	0.6	0.32	5.5	12.0	2.01	<5	4	67209	2.679
Reference Materials																		
STD GBM398-4-AR	Standard	2.4	1922.1	0.13	18	0.115	0.48	0.25	0.11	3.2	3.01	1.6	<0.5	0.98	<5	4		
STD GBM398-4-AR	Standard	2.4	1892.5	0.13	15	0.113	0.44	0.25	0.11	3.0	3.07	1.9	<0.5	1.06	<5	6		
STD GBM398-4-AR	Standard	2.5	1932.0	0.14	15	0.112	0.48	0.25	0.11	2.4	3.06	1.7	<0.5	1.05	<5	4		
STD GBM398-4-AR	Standard	2.4	1968.9	0.12	18	0.112	0.49	0.24	0.11	3.0	3.13	1.5	<0.5	0.99	<5	4		
STD GBM398-4-AR	Standard	2.7	1918.2	0.14	19	0.114	0.50	0.25	0.12	2.3	3.01	1.9	0.7	0.95	<5	5		
STD GBM398-4-AR	Standard	2.4	1955.3	0.13	15	0.112	0.48	0.24	0.12	2.6	2.99	1.4	<0.5	0.93	<5	4		
STD GBM398-4-AR	Standard	2.6	1957.7	0.12	19	0.112	0.47	0.26	0.11	2.6	3.23	1.4	2.3	0.99	<5	<2		
STD GBM398-4-AR	Standard	2.4	1923.9	0.11	22	0.110	0.45	0.25	0.11	3.1	3.05	1.5	<0.5	0.94	<5	3		
STD OREAS927-AR	Standard	25.9	39.1	2.01	49	0.093	3.29	<0.01	0.29	5.6	0.07	6.5	<0.5	1.85	9	17		
STD OREAS927-AR	Standard	24.8	39.5	1.98	44	0.078	3.22	<0.01	0.26	4.2	0.12	6.3	<0.5	2.01	9	21		
STD OREAS927-AR	Standard	25.6	41.7	1.99	44	0.083	3.27	<0.01	0.29	4.9	0.07	6.2	0.6	1.93	10	16		
STD OREAS927-AR	Standard	27.1	42.4	2.01	47	0.080	3.31	<0.01	0.30	5.4	0.08	4.3	<0.5	1.96	9	20		
STD OREAS927-AR	Standard	27.5	41.6	2.00	52	0.083	3.24	<0.01	0.28	4.1	0.11	5.1	0.6	1.82	9	16		
STD OREAS927-AR	Standard	25.8	40.5	1.94	45	0.077	3.17	<0.01	0.30	5.1	0.06	4.6	<0.5	1.80	9	17		
STD OREAS927-AR	Standard	24.7	39.2	1.95	45	0.079	3.28	<0.01	0.25	4.9	0.12	3.3	0.7	1.79	9	13		
STD OREAS927-AR	Standard	27.1	41.4	1.96	49	0.086	3.39	<0.01	0.28	5.5	0.15	5.9	<0.5	1.72	9	18		
STD SO-18	Standard																500	
STD SO-18	Standard																504	
STD SO-18	Standard																511	
STD SO-18	Standard																501	
STD SO-18	Standard																509	
STD SO-18	Standard																502	
STD SO-18	Standard																472	

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Vancouver BC V6E 3P3 CANADA

Project: AKIE

Report Date: October 02, 2015

QUALITY CONTROL REPORT VAN15002137.1

		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 SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD SO-18 Expected																					
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	<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																				
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	1.5	<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																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.5	<0.5	1.0	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	0.8	0.8	8	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<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		0.8	4.3	1.7	37	<0.5	2.2	4.0	539	1.92	<5	<0.5	2.5	36	<0.5	<0.5	<0.5	25	0.76	0.048
ROCK-VAN	Prep Blank		0.8	2.5	1.3	29	<0.5	1.1	4.0	523	1.97	<5	<0.5	2.5	31	<0.5	<0.5	<0.5	25	0.70	0.040

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Project: AKIE
Report Date: October 02, 2015

QUALITY CONTROL REPORT VAN15002137.1

		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
STD SO-18	Standard																471	
STD SO-18	Standard																499	
STD SO-18	Standard																502	
STD SO-18	Standard																510	
STD SO-18	Standard																499	
STD SO-18	Standard																505	
STD SO-18	Standard																511	
STD GBM398-4-AR		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		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-18 Expected																	515	
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																<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		
BLK	Blank																<10	
BLK	Blank																<10	
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		
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																<10	
Prep Wash																		
ROCK-VAN	Prep Blank	7.0	3.3	0.49	83	0.104	1.31	0.19	0.12	<0.5	<0.05	4.5	<0.5	<0.05	5	3	748	2.637
ROCK-VAN	Prep Blank	5.9	4.2	0.45	82	0.104	1.28	0.22	0.15	<0.5	<0.05	5.2	<0.5	<0.05	<5	<2	787	2.643

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Submitted By:	Nicholas Johnson
Receiving Lab:	Canada-Vancouver
Received:	September 15, 2015
Report Date:	October 27, 2015
Page:	1 of 7

CERTIFICATE OF ANALYSIS VAN15002416.1

CLIENT JOB INFORMATION

Project:	AKIE
Shipment ID:	Akie 127
P.O. Number	
Number of Samples:	172

SAMPLE DISPOSAL

RTRN-PLP	Return
DISP-RJT	Dispose of Reject After 90 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	155	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	5	Pulverize to 85% passing 200 mesh			VAN
SPTRF	5	Split samples by riffle splitter			VAN
AQ270	172	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	172	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	166	Specific Gravity on Pulp		Completed	VAN
AQ371	3	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS   VAN15002416.1

	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**
2695346	Drill Core	1.31	24.4	26.1	19.2	109	<0.5	59.6	7.1	39	1.75	24	6.5	3.7	61	1.3	4.2	<0.5	51	0.32	0.050
2695347	Drill Core	1.16	15.6	57.9	51.9	22	0.8	45.3	7.1	155	5.05	28	4.0	4.2	201	<0.5	7.1	<0.5	27	1.02	0.053
2695348	Drill Core	0.94	20.3	47.9	48.5	24	0.6	38.4	5.4	203	4.43	31	4.3	2.3	373	0.5	5.8	<0.5	20	1.57	0.035
2695349	Drill Core	1.67	44.8	31.6	35.2	7	<0.5	68.4	9.7	35	1.80	27	11.1	3.6	59	<0.5	4.9	<0.5	29	0.26	0.047
2695350	Drill Core	2.01	25.9	27.4	11.3	697	<0.5	68.9	10.2	389	2.01	22	4.7	4.3	147	4.4	2.3	<0.5	24	2.49	0.063
2695351	Drill Core	3.12	46.1	28.7	28.1	92	0.6	70.3	7.3	90	2.18	23	9.8	3.8	264	<0.5	4.6	<0.5	36	0.98	0.051
2695352	Drill Core	1.64	36.2	21.2	7.1	738	<0.5	58.9	6.3	638	1.12	17	8.9	2.1	936	3.7	3.1	<0.5	65	7.26	0.034
2695353	Core DUP		36.6	18.5	6.8	691	<0.5	64.9	6.0	674	1.09	15	9.3	2.0	945	4.4	2.9	<0.5	70	7.44	0.041
2695354	Drill Core	2.48	47.7	29.7	8.4	1444	<0.5	82.8	7.0	38	1.34	19	12.8	2.7	108	7.1	4.0	<0.5	71	0.37	0.042
2695355	Drill Core	1.67	13.2	17.4	26.0	1013	<0.5	52.7	5.2	133	1.42	15	3.4	3.5	425	6.8	5.0	<0.5	46	1.37	0.067
2695356	Drill Core	2.55	9.0	33.2	8.8	1850	<0.5	52.6	8.2	127	1.82	13	1.4	6.2	356	13.5	4.3	<0.5	41	1.28	0.071
2695357	Drill Core	3.10	9.7	29.7	9.1	1955	0.5	55.0	8.1	72	1.44	15	1.7	7.3	209	13.3	4.9	<0.5	41	0.70	0.078
2695358	Drill Core	1.27	33.6	110.7	331.3	2605	6.5	107.4	5.3	306	10.61	99	3.2	3.0	348	20.5	51.3	<0.5	47	1.38	0.046
2695359	Drill Core	1.58	18.5	26.8	48.5	1892	1.0	66.0	5.8	127	2.27	24	3.4	5.4	287	13.4	14.6	<0.5	53	0.87	0.052
2695360	Drill Core	1.99	8.5	7.9	6.4	2029	<0.5	34.3	4.5	219	1.29	10	1.8	4.2	561	14.4	3.8	<0.5	40	1.77	0.057
2695361	Drill Core	2.48	25.5	68.9	291.2	3544	3.5	80.8	3.6	279	10.11	59	2.7	1.9	386	27.0	46.9	<0.5	36	1.42	0.042
2695362	Drill Core	1.28	20.1	38.0	125.4	3112	1.3	83.6	6.6	155	3.68	35	2.3	4.8	356	22.5	21.3	<0.5	38	1.13	0.046
2695363	Rock Pulp	0.02	6.4	1884.9	14203.1	15936	60.6	14.8	17.5	1478	4.14	54	0.9	2.3	85	114.8	172.1	4.4	77	1.94	0.051
2695364	Drill Core	1.86	23.8	16.0	31.6	3749	<0.5	53.8	8.7	63	1.30	13	5.3	6.2	263	24.0	6.0	<0.5	62	0.75	0.071
2695365	Drill Core	1.29	21.6	51.7	236.6	3102	1.8	80.1	6.3	171	4.81	47	2.5	4.8	75	19.5	23.4	<0.5	42	0.45	0.058
2695366	Drill Core	1.13	27.5	64.1	521.4	19495	3.1	80.6	5.9	246	7.24	42	3.5	3.2	137	121.6	30.8	<0.5	43	0.89	0.054
2695367	Drill Core	1.42	22.9	45.5	190.1	777	3.5	70.9	5.4	215	8.86	52	1.8	3.5	352	5.8	22.5	<0.5	32	1.14	0.056
2695368	Drill Core	2.08	12.6	33.4	63.8	1682	1.8	67.9	8.2	147	3.63	30	1.6	6.3	173	14.6	8.4	<0.5	33	0.81	0.074
2695369	Drill Core	2.60	21.6	40.3	188.3	1019	3.0	73.9	6.4	176	7.18	55	1.7	4.7	200	6.6	12.2	<0.5	29	0.72	0.063
2695370	Drill Core	1.98	30.8	48.8	289.5	653	4.6	98.2	5.8	234	10.98	87	2.0	3.1	118	6.1	19.6	<0.5	31	0.49	0.052
2695371	Drill Core	3.22	34.4	91.9	413.1	940	5.0	117.0	7.2	237	12.53	91	1.6	3.4	188	8.1	21.2	<0.5	29	0.78	0.043
2695372	Drill Core	2.46	26.8	65.5	273.7	459	3.7	87.2	6.1	177	8.32	60	1.7	4.6	363	4.0	14.5	<0.5	30	0.91	0.054
2695373	Pulp DUP		25.0	62.0	252.0	479	3.3	86.6	6.3	173	8.23	62	1.5	4.7	332	3.3	12.9	<0.5	30	0.88	0.053
2695374	Drill Core	1.42	10.3	15.6	25.9	1045	<0.5	45.0	6.5	342	2.83	17	1.6	7.1	363	7.2	2.3	<0.5	39	2.51	0.080
2695375	Drill Core	1.94	24.5	63.9	268.0	493	3.2	88.7	6.3	179	8.59	65	1.5	3.9	350	3.0	14.0	<0.5	30	0.91	0.061

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS VAN15002416.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695346	Drill Core	15.3	8.9	0.04	1473	0.005	0.62	<0.01	0.19	<0.5	0.20	1.1	1.5	1.82	<5	<2	10041	2.549		
2695347	Drill Core	14.1	6.6	0.05	235	0.005	0.43	<0.01	0.21	<0.5	0.22	0.8	3.6	5.97	<5	4	7055	2.629		
2695348	Drill Core	8.2	4.3	0.04	300	0.003	0.28	<0.01	0.14	<0.5	0.15	<0.5	3.0	5.23	<5	<2	4790	2.628		
2695349	Drill Core	15.1	2.8	0.04	902	0.003	0.37	<0.01	0.19	<0.5	0.12	0.7	1.4	2.14	<5	<2	4710	2.526		
2695350	Drill Core	16.3	5.1	0.07	827	0.003	0.72	<0.01	0.17	<0.5	0.20	1.0	2.0	2.10	<5	<2	22043	2.605		
2695351	Drill Core	14.7	3.5	0.05	802	0.002	0.69	<0.01	0.13	<0.5	0.11	<0.5	3.5	2.27	<5	<2	20822	2.612		
2695352	Drill Core	11.5	5.0	0.14	2464	0.003	0.34	<0.01	0.09	<0.5	0.13	<0.5	0.9	1.15	<5	<2	14175	2.558		
2695353	Core DUP	13.2	4.7	0.15	3312	0.003	0.37	<0.01	0.10	<0.5	0.08	0.7	1.0	1.15	<5	<2	13211	2.551		
2695354	Drill Core	12.1	6.1	0.04	1440	0.003	0.42	<0.01	0.10	<0.5	0.14	1.1	1.0	1.51	<5	<2	18112	2.527		
2695355	Drill Core	13.9	10.4	0.24	2106	0.003	0.24	<0.01	0.12	<0.5	0.10	1.6	1.0	1.49	<5	<2	24529	2.646		
2695356	Drill Core	25.9	8.3	0.21	1940	0.003	0.43	<0.01	0.26	<0.5	0.21	2.9	1.6	1.80	<5	6	10553	2.646		
2695357	Drill Core	27.7	6.3	0.12	1587	0.005	0.47	<0.01	0.27	<0.5	<0.05	<0.5	1.6	1.68	<5	6	11381	2.642		
2695358	Drill Core	10.5	8.4	0.26	136	0.003	0.25	<0.01	0.13	<0.5	0.52	0.9	14.6	11.95	<5	33	17191	2.864		
2695359	Drill Core	18.8	7.3	0.14	1179	0.004	0.38	<0.01	0.21	<0.5	0.22	2.8	4.3	2.54	<5	9	17810	2.663		
2695360	Drill Core	16.4	6.8	0.40	4490	0.003	0.24	<0.01	0.14	<0.5	<0.05	2.0	1.0	0.97	<5	5	25381	2.647		
2695361	Drill Core	6.9	4.5	0.14	142	0.002	0.30	<0.01	0.11	<0.5	0.49	1.2	14.3	11.28	<5	29	14990	2.879		
2695362	Drill Core	17.2	5.9	0.12	462	0.003	0.50	<0.01	0.18	<0.5	0.30	<0.5	4.8	4.12	<5	13	16143	2.699		
2695363	Rock Pulp	6.9	22.3	1.28	246	0.131	1.54	0.18	0.20	1.5	0.61	3.1	1.0	1.73	5	<2	636			
2695364	Drill Core	26.4	6.3	0.10	2415	0.004	0.48	<0.01	0.24	<0.5	0.24	2.2	2.1	1.59	<5	8	10960	2.567		
2695365	Drill Core	19.3	5.9	0.18	327	0.003	0.86	<0.01	0.21	<0.5	0.26	2.2	7.5	5.38	<5	25	18536	2.780		
2695366	Drill Core	14.9	4.9	0.16	212	0.003	0.87	<0.01	0.17	<0.5	0.57	1.4	23.2	8.68	<5	45	27501	2.814		
2695367	Drill Core	14.0	8.0	0.15	129	0.003	0.34	<0.01	0.16	<0.5	0.36	2.0	9.7	9.88	<5	11	13723	2.826		
2695368	Drill Core	24.0	6.4	0.21	472	0.004	0.45	<0.01	0.24	<0.5	0.15	1.2	4.9	4.12	<5	4	9291	2.737		
2695369	Drill Core	18.5	<0.5	0.15	184	0.004	0.45	<0.01	0.21	<0.5	<0.05	1.7	8.2	8.20	<5	5	9298	2.876		
2695370	Drill Core	13.4	6.8	0.11	108	0.003	0.54	<0.01	0.18	<0.5	0.41	<0.5	12.3	12.47	<5	11	11704	2.952		
2695371	Drill Core	13.5	6.0	0.19	104	0.003	0.34	<0.01	0.19	<0.5	0.21	2.2	13.2	14.31	<5	13	11984	2.662		
2695372	Drill Core	16.7	7.4	0.12	161	0.003	0.42	<0.01	0.20	<0.5	0.16	1.6	9.0	9.43	<5	15	8153	2.860		
2695373	Pulp DUP	16.5	6.5	0.11	149	0.003	0.41	<0.01	0.20	<0.5	<0.05	1.0	8.0	9.31	<5	13	8095	2.851		
2695374	Drill Core	28.2	6.9	0.78	1039	0.003	0.40	<0.01	0.24	<0.5	0.05	3.9	2.3	1.63	<5	3	5765	2.994		
2695375	Drill Core	16.0	6.3	0.11	161	0.003	0.39	<0.01	0.21	<0.5	0.10	<0.5	8.5	9.69	<5	16	7589	2.663		

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS VAN15002416.1

	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
2695376	Drill Core	1.75	8.9	12.1	12.9	1130	<0.5	36.3	5.3	544	3.42	9	1.4	6.5	814	8.1	1.5	<0.5	36	4.74	0.065
2695377	Drill Core	2.10	7.7	12.9	10.9	1109	<0.5	35.3	5.4	509	3.29	13	1.4	6.4	647	8.9	1.4	<0.5	38	3.91	0.066
2695378	Drill Core	2.96	8.8	13.7	19.5	1158	<0.5	44.0	7.5	463	3.19	7	1.7	6.8	502	7.6	1.6	<0.5	38	3.05	0.072
2695379	Drill Core	2.12	33.2	87.2	433.0	925	4.7	118.4	7.0	223	12.10	89	1.9	3.6	177	6.6	23.0	<0.5	33	0.66	0.050
2695380	Drill Core	2.26	11.3	9.5	17.1	1538	<0.5	42.7	6.8	55	1.42	16	2.0	6.6	130	9.3	2.1	<0.5	36	0.50	0.079
2695381	Drill Core	2.53	38.5	62.5	442.6	1692	5.6	107.5	6.3	290	13.50	92	2.1	2.5	196	11.4	24.1	<0.5	36	0.81	0.056
2695382	Drill Core	2.37	5.5	8.9	14.6	640	<0.5	33.5	6.1	149	1.58	11	1.1	6.8	230	2.8	1.8	<0.5	32	1.14	0.076
2695383	Rock Pulp	0.02	5.8	91.3	4.4	44	<0.5	13.2	10.2	556	3.37	<5	0.9	2.7	92	<0.5	<0.5	<0.5	92	1.11	0.063
2695384	Drill Core	4.00	6.5	11.0	12.9	1337	<0.5	37.0	6.2	116	1.56	14	1.2	6.6	231	7.9	1.6	<0.5	32	0.76	0.075
2695385	Drill Core	2.07	40.7	52.2	408.2	1119	6.4	101.6	4.5	326	18.18	107	1.8	1.5	92	7.7	24.2	<0.5	36	0.44	0.040
2695386	Drill Core	1.42	9.2	9.9	14.5	1518	0.5	41.6	5.6	257	2.02	13	1.9	5.2	823	11.3	2.0	<0.5	37	3.79	0.083
2695387	Drill Core	2.80	25.2	32.8	88.6	3553	2.5	80.2	7.0	141	4.45	41	3.4	5.3	324	23.4	6.9	<0.5	54	1.25	0.103
2695388	Drill Core	2.79	47.2	56.4	551.2	660	6.5	116.4	5.4	337	18.18	115	2.4	1.6	180	5.2	24.9	<0.5	45	0.56	0.046
2695389	Drill Core	3.18	12.7	25.7	57.5	1059	1.7	60.8	7.4	127	3.07	29	2.0	6.0	297	7.4	5.6	<0.5	44	1.08	0.077
2695390	Drill Core	0.64	1.7	3.8	3.7	13	<0.5	5.8	1.4	153	0.82	6	<0.5	<0.5	1442	<0.5	0.5	<0.5	12	2.57	0.014
2695391	Drill Core	1.49	8.0	9.4	9.7	1293	0.6	26.2	2.1	171	1.27	8	1.7	1.0	1071	7.2	1.6	<0.5	37	1.46	0.045
2695392	Drill Core	3.17	42.0	32.0	32.6	6641	2.6	111.5	9.6	29	2.57	30	8.5	5.6	130	34.9	5.7	<0.5	114	0.39	0.152
2695393	Core DUP		41.6	35.7	31.7	6595	2.7	115.7	9.9	27	2.57	26	8.9	5.5	138	31.6	5.9	<0.5	119	0.39	0.156
2695394	Drill Core	2.82	24.3	26.9	32.4	4548	1.8	81.9	8.3	87	2.31	27	4.9	6.1	297	24.4	4.8	<0.5	74	0.78	0.109
2695395	Drill Core	2.19	37.4	135.2	619.7	3621	10.9	120.2	6.4	315	13.77	98	2.7	2.8	268	19.6	43.1	<0.5	51	1.01	0.067
2695396	Drill Core	2.03	11.2	15.0	36.5	1222	<0.5	50.7	7.1	265	2.38	10	1.8	7.0	511	6.7	2.9	<0.5	41	2.30	0.075
2695397	Drill Core	1.10	48.1	165.2	827.5	1423	10.7	150.4	5.4	270	17.25	125	2.2	2.3	307	8.6	51.1	<0.5	36	0.96	0.034
2695398	Drill Core	2.40	12.9	17.6	37.1	1538	0.9	71.5	8.8	78	2.26	20	2.0	6.8	185	8.5	3.4	<0.5	49	0.67	0.098
2695399	Drill Core	3.04	6.9	15.1	16.9	1338	<0.5	58.7	8.9	137	1.84	12	1.3	7.2	336	6.3	2.2	<0.5	44	1.28	0.084
2695400	Drill Core	2.43	5.7	11.4	15.6	1148	<0.5	49.4	7.8	127	1.70	12	1.3	6.8	284	4.2	1.8	<0.5	35	1.04	0.077
2695401	Drill Core	3.23	8.9	13.2	29.6	1662	0.6	66.1	8.2	107	1.85	12	1.8	6.7	290	8.5	2.2	<0.5	44	0.96	0.102
2695402	Drill Core	1.90	40.5	87.8	1379.1	14552	7.0	101.7	5.2	330	14.64	96	1.9	1.8	242	63.3	23.9	<0.5	37	0.53	0.047
2695403	Rock Pulp	0.02	8.4	1929.0	13528.4	16763	63.4	15.6	19.7	1557	4.16	58	0.8	2.4	92	116.6	180.9	4.9	77	2.06	0.055
2695404	Drill Core	2.15	42.1	34.8	1581.0	16349	8.7	96.4	4.3	430	16.59	107	2.0	1.6	369	70.6	19.7	<0.5	52	0.71	0.043
2695405	Drill Core	2.21	33.7	44.1	1647.0	17644	6.4	100.0	4.8	392	15.98	100	2.1	1.7	555	71.1	19.5	<0.5	47	0.86	0.047

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695376	Drill Core	25.7	5.7	1.07	1515	0.003	0.38	<0.01	0.22	<0.5	<0.05	3.3	1.7	1.41	<5	5	6915	2.670		
2695377	Drill Core	25.0	7.1	1.03	1450	0.003	0.37	<0.01	0.22	<0.5	0.06	4.7	1.6	1.45	<5	6	6526	2.666		
2695378	Drill Core	27.4	6.6	0.91	1149	0.004	0.39	<0.01	0.21	<0.5	<0.05	4.8	2.2	1.79	<5	9	6563	2.668		
2695379	Drill Core	13.0	7.7	0.12	114	0.003	0.35	<0.01	0.17	<0.5	0.23	1.7	14.3	14.23	<5	17	6797	2.948		
2695380	Drill Core	26.2	5.2	0.10	2029	0.003	0.61	<0.01	0.21	<0.5	0.06	1.7	2.1	1.57	<5	2	12144	2.638		
2695381	Drill Core	11.4	6.9	0.13	95	0.003	0.60	<0.01	0.15	<0.5	0.51	1.7	19.3	15.84	<5	20	12996	2.955		
2695382	Drill Core	27.8	5.6	0.23	2054	0.003	0.77	<0.01	0.22	<0.5	<0.05	1.2	2.0	1.55	<5	4	15701	2.661		
2695383	Rock Pulp	6.5	18.9	0.82	128	0.176	1.96	0.27	0.21	0.7	<0.05	1.6	<0.5	<0.05	5	<2	597			
2695384	Drill Core	24.7	7.3	0.22	2292	0.003	0.80	<0.01	0.19	<0.5	<0.05	1.3	2.0	1.51	<5	5	18988	2.696		
2695385	Drill Core	7.0	8.6	0.10	83	0.003	0.85	<0.01	0.11	<0.5	0.97	2.9	34.1	21.36	<5	20	20453	3.141		
2695386	Drill Core	24.1	6.4	0.38	1675	0.004	0.98	<0.01	0.18	<0.5	0.18	2.9	2.8	1.84	<5	<2	20776	2.674		
2695387	Drill Core	21.8	10.6	0.14	373	0.004	0.97	<0.01	0.21	<0.5	0.12	2.6	9.0	5.06	<5	3	18793	2.680		
2695388	Drill Core	7.0	9.1	0.10	78	0.003	0.84	<0.01	0.13	<0.5	1.11	1.8	34.1	21.40	<5	20	18549	3.199		
2695389	Drill Core	26.0	8.5	0.21	843	0.004	0.69	<0.01	0.23	<0.5	0.20	1.4	6.5	3.39	<5	6	11656	2.694		
2695390	Drill Core	1.4	5.9	0.23	3721	0.001	0.08	<0.01	0.03	<0.5	0.08	<0.5	0.7	0.62	<5	<2	4645	2.672		
2695391	Drill Core	4.9	7.5	0.21	2608	0.002	0.17	<0.01	0.07	<0.5	<0.05	<0.5	1.6	1.06	<5	9	14595	2.663		
2695392	Drill Core	22.8	14.3	0.05	1064	0.005	0.54	<0.01	0.24	<0.5	0.13	1.7	6.2	3.21	<5	22	6996	2.583		
2695393	Core DUP	23.3	13.0	0.05	1109	0.005	0.57	<0.01	0.25	<0.5	0.24	2.9	6.2	3.23	<5	17	7163	2.571		
2695394	Drill Core	22.9	10.3	0.10	975	0.005	0.66	<0.01	0.23	<0.5	0.06	1.3	5.3	2.65	<5	9	13547	2.599		
2695395	Drill Core	10.9	9.8	0.21	125	0.003	0.65	<0.01	0.18	<0.5	0.14	1.2	42.3	15.96	<5	23	12066	2.962		
2695396	Drill Core	25.7	7.4	0.56	984	0.004	0.64	<0.01	0.20	<0.5	0.21	3.8	3.4	2.42	<5	5	14085	2.644		
2695397	Drill Core	8.1	8.7	0.10	110	0.003	0.40	<0.01	0.14	0.6	0.19	1.0	58.0	20.18	<5	28	9896	3.132		
2695398	Drill Core	25.8	11.0	0.16	1819	0.005	0.65	<0.01	0.26	<0.5	0.14	1.6	5.1	2.43	<5	9	9572	2.597		
2695399	Drill Core	25.2	9.6	0.27	1056	0.005	0.61	<0.01	0.29	<0.5	<0.05	3.1	3.4	2.08	<5	4	7437	2.624		
2695400	Drill Core	25.4	10.5	0.25	961	0.004	0.52	<0.01	0.27	<0.5	0.12	3.0	2.6	1.78	<5	11	7553	2.643		
2695401	Drill Core	24.5	9.2	0.22	2488	0.005	0.61	<0.01	0.26	<0.5	0.06	1.8	3.6	2.10	<5	12	10178	2.630		
2695402	Drill Core	8.2	9.2	0.12	149	0.004	0.79	<0.01	0.11	0.9	0.74	0.9	69.3	17.19	<5	23	25982	3.045		
2695403	Rock Pulp	7.2	24.5	1.33	239	0.146	1.70	0.22	0.19	1.1	0.58	3.4	0.8	1.73	5	3	617	I.S.		
2695404	Drill Core	6.9	11.3	0.18	107	0.004	0.78	<0.01	0.12	0.7	0.78	0.7	81.9	19.40	<5	20	30092	3.106		
2695405	Drill Core	7.3	9.8	0.19	110	0.004	0.48	<0.01	0.14	0.7	0.55	0.5	83.7	18.65	<5	22	26570	3.113		

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS VAN15002416.1

	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
2695406	Drill Core	2.34	21.9	20.6	399.1	4717	1.4	72.5	7.0	227	4.43	29	3.1	4.9	882	18.3	4.2	<0.5	48	2.18	0.086
2695407	Drill Core	3.09	35.9	43.1	2049.6	14849	6.2	103.1	4.6	327	14.95	94	2.4	2.1	875	72.0	21.0	<0.5	51	0.91	0.049
2695408	Drill Core	0.96	15.6	13.5	352.7	3678	0.8	71.5	8.6	95	2.05	16	3.0	5.8	71	17.3	1.9	<0.5	57	0.30	0.078
2695409	Drill Core	1.78	21.1	37.0	1025.2	12450	2.4	87.9	6.4	288	7.85	48	1.6	3.1	926	61.2	12.3	<0.5	39	1.61	0.049
2695410	Drill Core	2.11	9.1	10.1	543.4	2462	0.5	64.0	8.6	242	2.12	11	2.2	5.9	1284	14.7	2.5	<0.5	43	1.42	0.073
2695411	Drill Core	2.71	23.5	50.3	4808.5	52527	6.9	80.5	4.4	571	11.11	56	2.9	1.6	925	258.7	31.4	<0.5	57	3.23	0.050
2695412	Drill Core	1.69	29.1	53.7	3900.3	25094	6.1	88.8	5.3	325	10.43	54	4.2	2.2	549	118.8	33.3	<0.5	55	0.63	0.037
2695413	Pulp DUP		29.5	54.9	4191.2	25436	6.7	92.5	6.1	329	11.29	53	4.2	2.1	514	125.4	37.5	<0.5	59	0.68	0.045
2695414	Drill Core	2.13	10.0	17.3	756.4	2021	<0.5	53.7	6.6	503	1.79	5	2.3	4.5	2241	8.8	3.1	<0.5	52	4.03	0.068
2695415	Drill Core	3.12	22.4	49.1	7376.7	67677	7.9	69.8	4.2	455	12.63	45	2.8	0.7	892	328.0	36.6	<0.5	46	1.04	0.038
2695416	Drill Core	2.86	22.6	35.4	3962.0	24717	4.2	75.3	6.8	274	6.94	22	3.5	2.6	1174	126.3	22.8	<0.5	78	1.08	0.048
2695417	Drill Core	2.34	17.3	40.1	8148.8	58966	6.3	59.8	4.8	350	8.59	23	3.3	1.5	1676	312.4	28.3	<0.5	91	0.73	0.041
2695418	Drill Core	3.03	20.2	42.1	6654.6	39485	6.8	65.2	5.0	300	8.60	33	3.3	1.8	1238	213.8	28.8	<0.5	94	0.56	0.044
2695419	Drill Core	2.84	29.1	47.0	11297.7	66654	12.2	76.0	4.3	552	12.07	53	3.3	1.0	1099	354.7	34.6	<0.5	79	1.31	0.044
2695420	Drill Core	2.81	22.4	46.2	15541.1	87773	14.5	62.6	3.2	757	12.13	59	2.8	0.7	1738	513.1	30.7	<0.5	53	2.32	0.044
2695421	Drill Core	1.73	11.2	24.2	4378.5	1962	1.4	61.6	7.0	74	1.71	10	2.3	4.5	232	11.5	4.2	<0.5	64	0.14	0.061
2695422	Drill Core	1.85	26.0	38.9	12498.0	60121	7.4	86.1	5.3	395	6.43	32	5.0	1.3	664	348.5	17.7	<0.5	71	1.15	0.057
2695423	Rock Pulp	0.02	5.3	91.8	6.1	54	<0.5	12.9	10.6	519	3.40	<5	0.7	2.7	96	<0.5	<0.5	<0.5	97	1.10	0.053
2695424	Drill Core	2.10	26.7	54.7	16905.4	99656	15.0	62.5	3.4	595	13.54	56	2.7	0.8	996	548.0	33.6	<0.5	48	0.80	0.029
2695425	Drill Core	3.01	22.8	42.1	9793.7	62231	9.3	68.5	4.0	433	8.93	43	3.1	1.1	608	332.1	19.1	<0.5	52	1.01	0.041
2695426	Drill Core	2.75	17.0	23.2	2007.0	4986	2.5	75.0	5.2	165	2.74	23	3.6	2.7	1688	33.2	5.1	<0.5	86	1.29	0.125
2695427	Drill Core	2.92	33.2	55.2	12254.7	45866	14.7	86.3	4.4	493	16.02	85	3.5	1.7	956	288.8	27.0	<0.5	45	0.44	0.034
2695428	Drill Core	2.08	24.8	32.6	9967.8	46169	11.2	66.4	4.1	766	11.71	55	2.7	1.2	699	275.5	18.4	<0.5	40	3.07	0.055
2695429	Drill Core	2.85	30.8	41.5	12205.3	51068	14.9	76.6	4.2	526	15.86	75	3.3	0.9	534	308.2	22.0	<0.5	43	0.97	0.040
2695430	Drill Core	2.70	23.8	42.2	14404.5	75491	13.9	67.5	4.3	639	13.90	58	3.6	1.3	371	440.5	18.4	<0.5	46	0.88	0.038
2695431	Drill Core	1.76	32.1	40.8	13701.7	50468	9.1	91.1	6.1	542	8.53	37	4.6	6.1	563	316.8	12.6	<0.5	64	1.31	0.093
2695432	Drill Core	3.46	28.3	46.4	20029.4	91719	19.5	69.3	3.7	657	17.26	71	3.4	0.8	457	565.0	21.4	<0.5	35	0.75	0.035
2695433	Core DUP		25.8	40.8	19324.3	89527	18.5	61.6	3.1	625	16.89	69	3.7	0.6	469	534.6	21.2	<0.5	40	0.74	0.028
2695434	Drill Core	2.47	21.4	36.6	13712.9	59781	11.3	58.9	5.1	1058	9.31	39	3.2	1.7	432	347.9	11.7	<0.5	52	3.41	0.069
2695435	Drill Core	3.39	28.3	49.8	23266.8	108996	24.7	66.0	3.1	801	18.70	78	3.6	1.1	321	656.8	20.0	<0.5	41	0.60	0.032

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Project: AKIE
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Method		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
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	0.01	0.01
2695406	Drill Core	18.2	8.5	0.19	436	0.004	0.46	<0.01	0.17	<0.5	0.23	1.9	17.2	5.00	<5	10	16425	2.707		
2695407	Drill Core	8.2	10.7	0.14	131	0.004	0.43	<0.01	0.15	0.7	0.37	1.5	90.1	17.49	<5	20	27284	3.072		
2695408	Drill Core	20.0	8.3	0.13	1935	0.004	0.49	<0.01	0.21	<0.5	<0.05	2.7	7.2	2.34	<5	13	9687	2.597		
2695409	Drill Core	10.3	7.4	0.22	212	0.004	0.39	<0.01	0.19	0.7	0.37	2.1	42.8	8.63	<5	10	31505	2.886		
2695410	Drill Core	19.5	9.6	0.33	1207	0.004	0.43	<0.01	0.22	<0.5	0.08	3.1	5.3	1.95	<5	8	23117	2.687		
2695411	Drill Core	5.6	6.4	0.24	127	0.003	0.37	<0.01	0.14	0.7	1.02	1.5	117.1	14.40	<5	27	35087	3.048		
2695412	Drill Core	7.5	7.6	0.11	169	0.003	0.50	<0.01	0.14	<0.5	0.42	<0.5	93.7	12.37	<5	25	35822	2.989		
2695413	Pulp DUP	7.8	7.5	0.13	150	0.004	0.51	<0.01	0.13	0.7	0.76	2.7	101.5	13.41	<5	32	35209	3.050		
2695414	Drill Core	14.5	6.1	0.36	1887	0.003	0.69	<0.01	0.17	<0.5	0.10	3.1	5.0	1.00	<5	5	52036	2.665		
2695415	Drill Core	3.8	7.0	0.30	107	0.002	0.46	<0.01	0.07	0.7	1.49	3.5	143.2	16.19	<5	33	58125	3.249		
2695416	Drill Core	8.8	7.1	0.24	215	0.003	1.10	<0.01	0.13	<0.5	0.70	4.0	62.9	8.09	<5	28	69467	2.935		
2695417	Drill Core	5.3	10.0	0.29	163	0.002	1.05	<0.01	0.07	<0.5	1.01	6.2	115.3	11.15	6	31	75936	3.136		
2695418	Drill Core	6.8	9.3	0.28	176	0.003	1.12	<0.01	0.08	0.6	1.02	4.1	103.1	10.50	5	36	75510	3.048		
2695419	Drill Core	4.3	11.0	0.22	106	0.002	0.50	<0.01	0.06	<0.5	1.58	3.8	195.0	15.88	6	27	63584	3.242		
2695420	Drill Core	2.3	7.9	0.25	105	0.002	0.26	<0.01	0.05	<0.5	2.36	4.6	215.6	16.53	7	24	78407	3.372		
2695421	Drill Core	7.7	8.7	0.23	1240	0.003	0.78	<0.01	0.16	<0.5	0.13	5.7	10.2	1.41	<5	11	51197	2.725		
2695422	Drill Core	4.1	8.6	0.20	181	0.003	0.81	<0.01	0.11	0.5	1.37	3.8	103.9	9.36	<5	20	57384	2.943		
2695423	Rock Pulp	6.7	19.2	0.80	128	0.172	1.91	0.25	0.22	<0.5	<0.05	4.1	<0.5	<0.05	6	3	598	I.S.		
2695424	Drill Core	3.1	9.3	0.18	80	0.002	0.48	<0.01	0.05	<0.5	2.56	3.3	219.2	19.70	6	22	56832	3.432		
2695425	Drill Core	3.5	7.6	0.17	131	0.003	0.82	<0.01	0.10	<0.5	1.81	4.8	156.3	12.22	<5	16	54405	3.063		
2695426	Drill Core	6.2	15.7	0.11	672	0.005	0.35	<0.01	0.16	<0.5	0.25	1.9	17.2	2.76	<5	13	25834	2.720		
2695427	Drill Core	3.6	8.6	0.07	89	0.004	0.32	<0.01	0.14	0.9	1.46	0.9	236.7	20.74	<5	20	15354	3.236		
2695428	Drill Core	3.1	8.2	0.20	114	0.003	0.29	<0.01	0.13	0.5	1.40	2.6	171.7	14.86	<5	19	48442	3.125		
2695429	Drill Core	2.3	9.1	0.16	72	0.004	0.29	<0.01	0.14	<0.5	1.75	2.7	221.7	20.30	<5	21	30596	3.227		
2695430	Drill Core	4.2	8.7	0.17	78	0.004	0.26	<0.01	0.13	<0.5	2.32	1.7	213.7	19.12	<5	16	34357	3.251		
2695431	Drill Core	10.9	8.9	0.21	152	0.004	0.37	<0.01	0.17	0.6	1.56	3.3	136.0	11.65	<5	17	37878	2.979		
2695432	Drill Core	2.4	7.2	0.14	66	0.002	0.17	<0.01	0.08	<0.5	2.97	2.2	275.0	24.12	<5	22	35424	3.456		
2695433	Core DUP	2.6	9.4	0.14	62	0.002	0.20	<0.01	0.09	<0.5	2.96	<0.5	279.4	23.50	<5	15	35549	3.453		
2695434	Drill Core	4.5	6.8	0.23	137	0.003	0.30	<0.01	0.15	<0.5	2.01	3.0	160.4	12.59	<5	8	45609	3.031		
2695435	Drill Core	3.3	4.7	0.17	63	0.002	0.20	<0.01	0.09	0.9	3.94	1.4	294.6	26.78	5	15	29945	3.536		

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2695436	Drill Core	1.76	22.8	38.3	16519.3	77699	14.2	72.9	5.3	517	10.65	47	3.5	2.0	1269	440.9	10.8	<0.5	44	0.77	0.046
2695437	Drill Core	2.72	16.1	42.0	23199.2	112263	15.9	50.8	3.4	777	10.71	45	2.5	0.6	939	628.7	12.9	<0.5	37	2.53	0.036
2695438	Drill Core	2.56	26.0	53.1	22714.4	120699	22.3	64.5	3.1	637	14.69	62	3.2	0.6	492	712.2	22.2	<0.5	32	1.21	0.036
2695439	Drill Core	1.56	24.4	18.9	3087.5	5530	1.2	90.1	8.8	90	1.50	9	5.0	5.4	119	28.0	2.1	<0.5	65	0.54	0.086
2695440	Drill Core	2.93	26.7	53.8	15588.1	56488	18.1	75.4	4.0	444	13.37	63	3.4	2.1	275	345.8	22.4	<0.5	42	0.60	0.052
2695441	Drill Core	3.87	25.0	73.2	38607.1	129910	31.8	62.2	2.8	909	14.73	83	3.3	0.9	320	920.0	26.0	<0.5	30	1.81	0.031
2695442	Drill Core	1.53	30.2	86.7	9332.0	27691	10.1	90.1	5.2	400	7.61	72	3.6	2.5	429	208.4	41.7	<0.5	54	1.33	0.051
2695443	Rock Pulp	0.03	6.9	2014.2	14980.7	16650	64.3	16.1	18.2	1538	4.44	61	0.8	2.6	85	119.4	182.1	5.0	81	2.02	0.053
2695444	Drill Core	3.32	16.5	27.7	1128.7	3028	1.9	80.3	7.7	245	2.10	16	3.5	5.8	217	22.9	8.4	<0.5	60	1.25	0.066
2695445	Drill Core	3.75	19.7	24.6	694.6	2367	1.0	79.4	8.4	222	2.02	14	3.8	5.9	257	17.4	7.7	<0.5	59	1.35	0.069
2695446	Drill Core	3.44	20.3	32.7	379.8	1522	0.9	93.2	9.1	226	2.17	19	4.0	6.5	310	10.9	7.2	<0.5	65	1.54	0.074
2695447	Drill Core	3.70	20.9	37.6	277.8	2050	0.7	82.1	7.5	226	2.04	14	3.8	6.0	343	14.9	7.2	<0.5	69	1.68	0.074
2695448	Drill Core	3.54	19.5	38.8	283.7	2127	0.7	80.9	8.2	257	2.02	15	3.6	6.0	342	15.9	7.6	<0.5	61	1.73	0.081
2695449	Drill Core	3.63	19.9	35.3	366.9	2725	0.5	80.7	8.9	230	1.88	20	3.9	6.7	325	19.5	6.6	<0.5	73	1.55	0.081
2695450	Drill Core	3.44	21.1	24.7	475.1	3443	0.7	89.9	8.0	215	1.88	14	4.0	6.8	280	20.4	5.3	<0.5	69	1.41	0.083
2695451	Drill Core	2.09	15.6	23.1	593.7	3476	0.8	85.6	7.3	231	1.71	13	4.2	6.6	294	23.7	5.9	<0.5	72	1.69	0.083
2695452	Drill Core	2.06	14.0	26.1	2688.9	6182	1.8	70.9	6.7	380	2.53	10	3.5	5.6	450	39.9	8.8	<0.5	58	2.46	0.082
2695453	Pulp DUP		13.0	22.2	2568.5	6053	1.5	63.6	6.8	368	2.42	6	3.3	5.5	416	39.2	9.8	<0.5	54	2.34	0.074
2695454	Drill Core	2.87	12.2	97.3	31306.3	162067	29.5	49.7	2.3	1198	15.79	44	2.0	0.8	416	1017.3	46.2	<0.5	32	1.67	0.034
2695455	Drill Core	1.93	22.5	48.4	12902.9	64340	21.7	70.2	4.4	980	12.26	38	3.2	1.6	265	426.9	29.3	<0.5	54	0.60	0.036
2695456	Drill Core	2.60	22.2	48.6	19437.7	87834	20.2	64.4	3.3	752	9.06	30	3.2	1.4	947	563.5	26.7	<0.5	61	1.82	0.047
2695457	Drill Core	1.71	21.4	67.7	>40000	>200000	39.0	46.3	1.9	945	13.40	40	3.1	0.8	392	1345.3	34.7	<0.5	47	1.06	0.029
2695458	Drill Core	2.15	26.4	63.8	36083.7	151157	31.3	60.9	3.5	726	10.75	37	3.5	1.2	293	941.5	25.7	<0.5	62	0.78	0.040
2695459	Drill Core	1.84	15.0	71.8	>40000	>200000	33.5	31.6	1.5	663	8.59	25	1.7	<0.5	555	1690.3	26.2	<0.5	34	1.51	0.025
2695460	Drill Core	1.62	10.4	16.5	1188.9	7005	2.2	57.0	6.5	262	1.81	9	2.5	5.2	225	37.6	3.5	<0.5	66	0.85	0.057
2695461	Drill Core	2.56	21.9	83.3	>40000	177603	36.0	59.1	2.8	908	9.06	41	3.5	1.3	524	1090.1	49.3	<0.5	59	1.78	0.036
2695462	Drill Core	2.03	26.1	73.0	16824.2	71012	18.9	76.7	4.7	540	7.97	51	3.9	2.2	113	425.1	41.8	<0.5	67	0.99	0.047
2695463	Rock Pulp	0.02	5.5	95.4	12.7	87	<0.5	14.6	9.6	574	3.45	<5	1.0	3.0	111	<0.5	<0.5	<0.5	98	1.22	0.057
2695464	Drill Core	2.25	21.0	25.3	2333.6	12190	2.9	74.8	7.0	364	2.52	23	4.0	4.5	196	67.3	10.0	<0.5	66	1.40	0.056
2695465	Drill Core	2.24	22.1	42.1	6457.2	32328	7.4	78.6	6.0	367	5.09	25	5.3	3.7	113	194.5	22.1	<0.5	76	0.70	0.061

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS VAN15002416.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695436	Drill Core	6.2	7.8	0.23	133	0.002	0.31	<0.01	0.13	0.5	2.49	<0.5	188.6	15.25	<5	16	41826	3.132		
2695437	Drill Core	2.0	5.0	0.41	98	0.002	0.24	<0.01	0.09	<0.5	3.48	2.7	216.0	16.33	<5	15	69070	3.323		
2695438	Drill Core	1.9	5.9	0.16	58	0.001	0.24	<0.01	0.08	0.6	4.20	0.6	271.0	22.11	<5	15	41423	3.475		
2695439	Drill Core	9.6	7.3	0.10	1231	0.004	0.46	<0.01	0.21	<0.5	0.06	1.4	9.8	1.95	<5	14	17280	2.619		
2695440	Drill Core	4.3	6.9	0.18	74	0.004	0.32	<0.01	0.17	<0.5	2.11	1.3	183.4	18.02	<5	18	20473	3.115		
2695441	Drill Core	2.5	6.3	0.20	71	0.001	0.19	<0.01	0.08	<0.5	5.70	<0.5	276.2	22.93	<5	21	38479	3.516		
2695442	Drill Core	4.9	8.8	0.16	179	0.004	0.34	<0.01	0.17	<0.5	1.23	0.6	88.3	9.59	<5	24	18504	2.864		
2695443	Rock Pulp	7.2	25.6	1.31	239	0.138	1.66	0.21	0.20	1.6	0.64	2.1	0.7	1.85	5	10	628	I.S.		
2695444	Drill Core	9.7	7.1	0.29	834	0.005	0.43	<0.01	0.22	<0.5	0.17	2.2	12.6	2.45	<5	7	6133	2.639		
2695445	Drill Core	9.5	5.9	0.32	946	0.005	0.44	<0.01	0.23	<0.5	0.21	2.1	8.5	2.43	<5	2	6318	2.586		
2695446	Drill Core	9.5	8.5	0.35	962	0.005	0.49	<0.01	0.27	<0.5	0.09	1.9	8.3	2.48	<5	8	6270	2.590		
2695447	Drill Core	10.4	7.7	0.36	1349	0.005	0.53	<0.01	0.28	<0.5	0.08	1.5	9.8	2.37	<5	7	6523	2.602		
2695448	Drill Core	10.5	7.5	0.40	1276	0.004	0.48	<0.01	0.25	<0.5	0.11	2.9	11.0	2.28	<5	14	6793	2.534		
2695449	Drill Core	12.7	7.6	0.44	1365	0.005	0.59	<0.01	0.32	<0.5	0.06	3.6	9.0	2.09	<5	12	7183	2.602		
2695450	Drill Core	12.3	8.7	0.41	1239	0.005	0.55	<0.01	0.29	<0.5	<0.05	4.4	8.3	2.02	<5	9	7273	2.551		
2695451	Drill Core	13.1	8.4	0.42	1225	0.005	0.58	<0.01	0.30	<0.5	<0.05	2.6	9.4	1.96	<5	8	7285	2.573		
2695452	Drill Core	11.8	10.0	0.54	1079	0.004	0.46	<0.01	0.26	<0.5	<0.05	1.8	17.1	2.87	<5	9	7752	2.638		
2695453	Pulp DUP	11.2	8.0	0.53	1072	0.004	0.45	<0.01	0.23	<0.5	0.19	5.1	16.7	2.83	<5	5	8103	2.642		
2695454	Drill Core	2.6	5.2	0.26	70	0.002	0.28	<0.01	0.10	<0.5	5.62	2.3	248.8	25.05	<5	24	26717	3.562		
2695455	Drill Core	6.3	6.5	0.15	99	0.003	0.54	<0.01	0.16	<0.5	2.16	1.3	164.5	16.85	<5	25	28349	3.113		
2695456	Drill Core	6.0	7.3	0.22	116	0.002	0.57	<0.01	0.16	<0.5	2.88	1.3	181.2	13.91	<5	35	47173	3.107		
2695457	Drill Core	2.8	4.7	0.13	154	<0.001	0.17	<0.01	0.09	0.6	7.64	2.2	314.1	24.76	5	28	35618	3.621	4.49	20.74
2695458	Drill Core	6.2	7.1	0.15	74	0.002	0.31	<0.01	0.13	<0.5	5.42	1.4	265.2	19.36	<5	26	34130	3.304		
2695459	Drill Core	1.5	3.6	0.30	52	<0.001	0.15	<0.01	0.04	<0.5	9.10	1.7	237.6	22.43	<5	19	89268	3.860	5.68	27.32
2695460	Drill Core	20.1	7.9	0.35	1095	0.004	1.46	<0.01	0.21	<0.5	0.35	4.5	15.5	1.67	<5	3	54685	2.737		
2695461	Drill Core	5.6	7.3	0.30	110	0.002	0.72	<0.01	0.11	<0.5	7.76	<0.5	260.5	18.48	6	33	39786	3.375	4.41	16.98
2695462	Drill Core	9.6	6.7	0.21	139	0.003	1.11	<0.01	0.18	<0.5	2.88	1.6	171.8	12.23	<5	47	35526	2.988		
2695463	Rock Pulp	7.6	23.0	0.84	133	0.187	2.10	0.29	0.24	0.7	<0.05	5.3	<0.5	<0.05	5	<2	637	I.S.		
2695464	Drill Core	16.3	9.6	0.28	654	0.004	0.96	<0.01	0.23	<0.5	0.50	4.5	30.5	2.94	<5	12	36807	2.713		
2695465	Drill Core	14.3	8.2	0.20	274	0.003	1.01	<0.01	0.23	<0.5	1.26	2.4	63.2	7.23	<5	26	35068	2.747		

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS VAN15002416.1

	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
2695466	Drill Core	1.65	23.2	73.4	36635.4	172321	24.9	60.2	4.2	1008	10.41	45	2.8	1.2	290	935.1	61.4	<0.5	45	1.76	0.033
2695467	Drill Core	1.69	15.3	64.3	14819.5	67876	17.2	53.6	3.6	903	13.02	56	2.8	1.2	101	397.9	74.7	<0.5	64	1.15	0.040
2695468	Drill Core	2.20	36.6	63.9	3240.9	26561	10.7	92.4	6.0	357	11.53	66	4.2	3.4	60	150.7	63.4	<0.5	82	0.23	0.050
2695469	Drill Core	2.40	30.3	45.7	1793.5	10404	3.9	87.8	6.7	239	5.42	53	4.2	4.2	128	60.7	34.4	<0.5	93	0.45	0.050
2695470	Drill Core	1.82	31.2	61.2	2305.2	13566	3.8	91.9	6.2	543	5.34	59	5.3	4.4	175	90.3	38.0	<0.5	99	1.49	0.064
2695471	Drill Core	1.68	26.4	38.3	921.4	10232	2.2	77.3	5.7	519	3.07	38	5.8	3.8	561	73.0	20.7	<0.5	94	2.29	0.070
2695472	Drill Core	2.09	25.4	61.3	952.9	12556	2.8	83.3	5.1	273	4.90	59	3.3	3.7	109	76.0	35.3	<0.5	89	0.71	0.048
2695473	Core DUP		25.0	62.8	834.7	12411	2.9	85.4	5.9	265	4.89	58	3.3	3.6	117	79.2	35.0	<0.5	86	0.73	0.053
2695474	Drill Core	2.17	12.1	14.8	141.9	4169	0.8	55.5	5.2	508	1.64	13	2.0	3.2	354	26.0	8.2	<0.5	63	1.70	0.084
2695475	Drill Core	2.66	18.6	25.3	208.6	7113	1.1	72.5	6.6	260	2.04	10	3.0	4.6	198	53.6	16.0	<0.5	71	1.05	0.086
2695476	Drill Core	2.98	24.4	71.1	569.6	3400	2.7	86.0	6.1	328	5.71	41	3.5	3.3	254	23.5	36.5	<0.5	72	1.29	0.036
2695477	Drill Core	3.30	20.9	46.7	717.1	9646	2.1	69.3	5.4	292	3.67	37	3.5	3.4	244	69.5	26.8	<0.5	79	1.29	0.060
2695478	Drill Core	3.70	17.9	26.3	286.4	618	1.3	75.5	6.9	270	2.52	18	4.2	4.8	138	4.5	14.5	<0.5	93	1.13	0.095
2695479	Drill Core	3.34	25.7	47.4	325.5	38	2.1	100.8	6.7	452	3.16	29	4.8	4.4	209	<0.5	23.2	<0.5	85	2.06	0.054
2695480	Drill Core	2.51	22.9	58.6	288.7	36	4.1	95.0	5.9	882	4.87	71	3.7	3.6	151	0.6	27.6	<0.5	86	2.88	0.056
2695481	Drill Core	1.52	18.2	74.6	512.0	90	6.0	76.1	5.4	663	7.81	65	3.0	3.2	298	<0.5	40.1	<0.5	60	3.26	0.083
2695482	Drill Core	1.21	21.2	28.9	129.7	15	2.0	83.0	7.1	1623	3.03	27	3.2	5.3	265	<0.5	10.0	<0.5	66	4.56	0.085
2695483	Rock Pulp	0.03	8.4	1902.1	13490.1	16724	63.7	15.4	19.1	1622	4.10	59	0.8	1.9	96	119.2	176.8	5.3	76	2.02	0.045
2695484	Drill Core	2.15	16.5	52.6	752.4	49	10.1	73.9	5.6	770	14.71	71	1.9	2.6	168	0.6	40.1	<0.5	59	2.18	0.083
2695485	Drill Core	2.33	20.8	40.3	1379.4	59	9.8	74.7	4.6	622	16.30	81	2.0	2.5	188	1.0	32.8	<0.5	51	1.73	0.041
2695486	Drill Core	1.91	20.1	40.8	398.8	25	4.0	86.3	5.9	212	5.54	41	2.5	3.7	85	<0.5	8.8	<0.5	73	0.97	0.078
2695487	Drill Core	1.45	24.9	40.0	478.4	38	3.6	89.1	5.9	723	4.73	33	4.4	4.4	303	1.1	6.5	<0.5	61	5.11	0.101
2695488	Drill Core	2.60	3.6	18.6	988.7	1667	1.5	21.2	1.7	1609	12.01	12	1.8	0.6	1367	9.5	4.4	<0.5	16	18.93	0.064
2695489	Drill Core	2.39	13.7	22.1	307.4	232	0.8	48.1	4.3	1139	3.09	12	4.5	2.5	715	0.9	3.5	<0.5	30	12.45	0.086
2695490	Drill Core	2.59	33.0	38.4	130.3	11	1.1	103.6	6.9	139	2.11	20	11.0	2.9	93	<0.5	5.4	<0.5	73	1.28	0.073
2695491	Drill Core	1.89	33.2	38.6	94.9	11	1.1	107.7	7.1	118	1.94	21	11.8	2.8	73	<0.5	4.7	<0.5	69	1.07	0.052
2695492	Drill Core	1.75	18.1	31.7	178.4	68	1.3	54.5	4.6	699	4.13	21	6.9	1.2	914	0.8	5.4	<0.5	28	14.27	0.030
2695493	Pulp DUP		18.6	34.5	181.3	51	1.3	56.4	4.4	697	4.10	26	7.2	1.2	889	<0.5	6.7	<0.5	28	14.23	0.039
2695494	Drill Core	1.93	28.3	47.9	163.7	24	1.1	91.0	6.4	105	2.70	20	10.1	2.4	107	<0.5	7.3	<0.5	61	1.24	0.047
2695495	Drill Core	3.12	27.8	31.6	51.0	7	0.9	85.8	6.0	240	1.64	12	9.5	2.4	370	<0.5	4.3	<0.5	58	4.92	0.053

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	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695466	Drill Core	4.3	6.5	0.46	77	0.002	0.47	<0.01	0.10	0.5	7.49	2.0	209.5	20.19	<5	48	22440	3.319		
2695467	Drill Core	6.7	7.8	0.21	86	0.003	0.71	<0.01	0.19	<0.5	3.79	2.6	143.8	17.90	<5	49	30274	3.116		
2695468	Drill Core	11.6	7.5	0.11	96	0.005	0.41	<0.01	0.20	<0.5	1.49	2.5	106.5	14.47	<5	37	15490	2.928		
2695469	Drill Core	15.8	8.9	0.15	203	0.005	0.50	<0.01	0.27	<0.5	0.63	1.6	46.9	6.76	<5	21	17905	2.744		
2695470	Drill Core	14.3	9.8	0.11	265	0.006	0.50	<0.01	0.26	<0.5	0.65	1.7	50.9	6.98	<5	48	13564	2.703		
2695471	Drill Core	12.8	10.3	0.17	1000	0.005	0.41	<0.01	0.22	<0.5	0.61	1.3	25.6	3.87	<5	25	9008	2.639		
2695472	Drill Core	12.6	8.8	0.06	342	0.005	0.43	<0.01	0.23	<0.5	0.58	1.9	45.5	6.33	<5	40	11049	2.646		
2695473	Core DUP	12.5	<0.5	0.07	344	0.005	0.42	<0.01	0.22	<0.5	0.70	2.8	45.1	6.29	<5	31	10786	2.658		
2695474	Drill Core	12.9	7.4	0.43	1308	0.005	0.42	<0.01	0.22	<0.5	0.34	2.8	6.7	2.01	<5	12	9001	2.552		
2695475	Drill Core	17.9	7.6	0.28	1157	0.005	0.46	<0.01	0.23	<0.5	0.57	2.5	13.9	2.62	<5	23	12160	2.605		
2695476	Drill Core	12.9	6.4	0.10	280	0.004	0.38	<0.01	0.22	<0.5	0.32	0.7	37.3	6.82	<5	48	8454	2.677		
2695477	Drill Core	12.3	8.0	0.14	455	0.004	0.40	<0.01	0.22	<0.5	0.79	3.2	31.4	4.55	<5	32	8519	2.624		
2695478	Drill Core	16.3	8.9	0.24	947	0.006	0.54	<0.01	0.28	<0.5	<0.05	3.8	15.9	2.87	<5	29	9500	2.568		
2695479	Drill Core	17.3	8.7	0.10	776	0.005	0.46	<0.01	0.25	<0.5	0.10	1.8	21.4	3.63	<5	40	8816	2.625		
2695480	Drill Core	13.4	11.5	0.12	455	0.005	0.45	<0.01	0.25	<0.5	<0.05	2.5	32.1	5.76	<5	33	7165	2.639		
2695481	Drill Core	12.5	9.4	0.17	265	0.005	0.39	<0.01	0.21	<0.5	0.12	1.6	38.3	8.92	<5	13	6379	2.727		
2695482	Drill Core	15.4	11.2	0.45	753	0.006	0.48	<0.01	0.25	<0.5	<0.05	3.0	13.2	3.45	<5	14	7259	2.571		
2695483	Rock Pulp	7.7	26.2	1.31	243	0.143	1.73	0.23	0.19	1.0	0.56	3.5	1.1	1.74	<5	13	628	I.S.		
2695484	Drill Core	8.3	13.3	0.11	123	0.005	0.40	<0.01	0.21	<0.5	0.09	1.4	102.7	17.03	<5	22	5271	2.959		
2695485	Drill Core	7.0	8.4	0.06	120	0.004	0.37	<0.01	0.19	<0.5	0.15	<0.5	186.2	19.09	<5	23	4284	3.065		
2695486	Drill Core	14.3	13.8	0.17	551	0.006	0.51	<0.01	0.27	<0.5	0.13	1.6	62.2	6.47	<5	13	6207	2.674		
2695487	Drill Core	15.5	11.4	0.35	733	0.006	0.49	<0.01	0.25	<0.5	<0.05	2.0	29.9	5.59	<5	8	6950	2.676		
2695488	Drill Core	15.0	<0.5	0.32	128	0.002	0.09	<0.01	0.03	<0.5	0.38	1.1	15.0	14.06	<5	6	7684	3.050		
2695489	Drill Core	17.0	5.7	0.48	1654	0.002	0.26	<0.01	0.14	<0.5	0.29	1.6	9.6	3.54	<5	5	9329	2.674		
2695490	Drill Core	11.5	9.7	0.05	854	0.005	0.40	<0.01	0.20	<0.5	<0.05	1.3	8.1	2.19	<5	17	6992	2.600		
2695491	Drill Core	11.2	8.0	0.04	1024	0.005	0.38	<0.01	0.19	<0.5	0.10	0.8	6.5	2.04	<5	11	7745	2.552		
2695492	Drill Core	10.2	4.0	0.14	648	0.002	0.16	<0.01	0.09	<0.5	0.18	1.7	6.0	4.89	<5	7	4560	2.747		
2695493	Pulp DUP	10.6	4.6	0.13	595	0.002	0.17	<0.01	0.09	<0.5	0.16	2.2	6.1	4.93	<5	7	4667	2.751		
2695494	Drill Core	9.5	6.9	0.05	1152	0.004	0.34	<0.01	0.16	<0.5	0.14	0.8	7.5	3.01	<5	8	8037	2.615		
2695495	Drill Core	11.5	8.1	0.10	1933	0.003	0.29	<0.01	0.15	<0.5	0.11	1.4	4.9	1.73	<5	10	8116	2.527		

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS VAN15002416.1

	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
2695496	Drill Core	3.50	24.1	42.8	58.1	16	0.8	84.7	5.7	147	2.09	14	8.9	2.5	192	0.5	4.1	<0.5	57	1.85	0.054
2695497	Drill Core	3.46	26.3	39.7	44.1	9	0.9	73.7	5.8	345	1.53	14	7.8	1.8	504	<0.5	4.4	<0.5	50	7.65	0.037
2695498	Drill Core	3.39	28.9	49.9	58.8	8	1.1	91.5	7.4	283	2.16	18	7.8	3.4	299	<0.5	5.7	<0.5	52	4.53	0.051
2695499	Drill Core	3.23	27.9	47.5	52.7	15	0.9	116.2	6.6	223	2.39	16	8.6	2.9	252	<0.5	4.5	<0.5	66	2.55	0.074
2695500	Drill Core	2.70	29.0	42.2	43.1	7	1.0	121.9	6.4	138	1.89	20	11.1	2.7	202	<0.5	4.4	<0.5	62	2.00	0.065
2695501	Drill Core	1.45	27.5	41.4	55.6	9	1.1	106.9	6.8	102	2.28	19	9.1	2.0	175	<0.5	5.0	<0.5	47	1.44	0.062
2695502	Drill Core	2.16	24.5	40.6	44.0	8	0.9	116.2	6.5	112	1.90	18	8.8	2.4	158	<0.5	3.7	<0.5	70	1.37	0.106
2695503	Rock Pulp	0.02	5.5	100.0	4.4	52	<0.5	16.1	10.3	523	3.41	<5	0.9	3.0	88	<0.5	<0.5	<0.5	96	1.08	0.061
2695504	Drill Core	1.90	30.6	43.0	48.6	18	1.1	137.3	7.0	178	2.20	11	8.3	2.7	224	<0.5	4.0	<0.5	51	2.54	0.051
2695505	Drill Core	2.62	13.5	27.2	27.5	6	0.5	68.1	5.3	413	1.99	13	3.5	5.4	500	<0.5	3.9	<0.5	51	6.58	0.088
2695506	Drill Core	2.32	27.2	39.2	46.3	7	0.9	93.5	8.1	98	1.79	15	6.7	3.6	100	<0.5	4.6	<0.5	57	1.14	0.046
2695507	Drill Core	3.38	27.8	53.4	47.3	11	1.0	110.7	7.8	261	2.04	15	10.4	4.3	323	<0.5	5.0	<0.5	76	4.12	0.338
2695508	Drill Core	3.71	22.1	33.2	52.0	7	1.0	100.4	8.5	220	2.48	14	6.8	4.5	226	<0.5	5.1	<0.5	45	3.12	0.070
2695509	Drill Core	2.55	31.2	54.2	45.5	17	1.0	129.0	7.3	298	1.95	16	10.0	4.0	330	<0.5	4.4	<0.5	48	4.52	0.062
2695510	Drill Core	0.85	26.7	56.1	50.7	12	1.2	190.1	7.6	85	2.02	22	9.4	2.1	174	<0.5	4.9	<0.5	38	1.20	0.031
2695511	Drill Core	1.06	31.4	50.4	42.8	13	0.9	202.0	9.9	82	2.35	21	5.8	2.4	79	<0.5	4.4	<0.5	49	0.98	0.030
2695512	Drill Core	1.18	13.1	17.4	18.9	47	<0.5	120.0	5.7	429	1.52	8	3.2	5.0	414	<0.5	2.1	<0.5	17	8.07	0.044
2695513	Core DUP		11.6	18.2	19.4	49	<0.5	116.3	6.3	454	1.57	9	3.4	4.7	434	<0.5	2.6	<0.5	18	8.07	0.045
2695514	Drill Core	1.30	25.0	13.0	20.2	<5	<0.5	107.4	5.8	476	1.39	10	5.4	4.8	453	<0.5	2.6	<0.5	26	8.86	0.036
2695515	Drill Core	3.34	17.8	25.3	20.8	14	<0.5	83.7	4.7	467	1.35	11	4.8	4.1	459	<0.5	2.7	<0.5	33	9.78	0.045
2695516	Drill Core	3.33	15.8	17.3	22.7	7	0.5	68.3	3.5	538	1.31	7	5.6	3.2	519	<0.5	2.5	<0.5	29	10.68	0.039
2695517	Drill Core	2.42	12.3	17.4	22.4	<5	0.5	43.6	5.0	459	1.61	9	3.2	5.1	463	<0.5	3.5	<0.5	48	9.08	0.104

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Project: AKIE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS VAN15002416.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
2695496	Drill Core	8.9	6.2	0.14	1513	0.004	0.30	<0.01	0.17	<0.5	0.18	1.3	6.0	2.32	<5	7	7887	2.552		
2695497	Drill Core	11.6	7.4	0.15	1566	0.003	0.28	<0.01	0.15	<0.5	<0.05	4.8	4.2	1.60	<5	5	7206	2.565		
2695498	Drill Core	11.8	7.8	0.38	1654	0.004	0.35	<0.01	0.19	<0.5	0.23	0.9	4.6	2.42	<5	9	10332	2.590		
2695499	Drill Core	10.5	8.1	0.52	1519	0.005	0.36	<0.01	0.20	<0.5	0.10	2.3	4.1	2.64	<5	6	8703	2.555		
2695500	Drill Core	10.4	6.8	0.11	966	0.005	0.34	<0.01	0.18	<0.5	0.16	1.6	4.6	2.07	<5	15	6432	2.566		
2695501	Drill Core	9.0	5.4	0.09	1244	0.004	0.28	<0.01	0.16	<0.5	0.12	2.5	4.4	2.53	<5	9	6771	2.630		
2695502	Drill Core	8.5	6.8	0.18	1215	0.006	0.34	<0.01	0.18	<0.5	0.18	1.0	4.1	2.08	<5	8	5652	2.547		
2695503	Rock Pulp	7.2	19.1	0.81	144	0.167	1.93	0.28	0.24	0.7	<0.05	3.6	<0.5	<0.05	5	<2	592	I.S.		
2695504	Drill Core	10.4	6.6	0.51	1138	0.004	0.31	<0.01	0.17	1.6	0.29	2.3	4.2	2.40	<5	15	10155	2.596		
2695505	Drill Core	17.0	9.3	1.34	1282	0.007	0.35	<0.01	0.20	<0.5	0.06	4.2	2.2	2.14	<5	11	17145	2.613		
2695506	Drill Core	12.9	6.9	0.36	1056	0.005	0.38	<0.01	0.22	<0.5	0.06	2.4	3.4	1.96	<5	8	12127	2.586		
2695507	Drill Core	16.0	19.3	1.18	1298	0.006	0.43	<0.01	0.23	<0.5	0.19	3.8	3.8	2.17	<5	10	12026	2.578		
2695508	Drill Core	10.6	7.3	1.07	1084	0.004	0.34	<0.01	0.22	<0.5	0.16	3.2	4.0	2.75	<5	7	15198	2.617		
2695509	Drill Core	9.8	8.2	1.45	1490	0.003	0.28	<0.01	0.18	<0.5	0.17	3.6	3.7	2.04	<5	7	13373	2.624		
2695510	Drill Core	7.9	5.1	0.10	871	0.003	0.24	<0.01	0.14	<0.5	0.25	1.6	5.1	2.16	<5	6	6914	2.546		
2695511	Drill Core	11.2	7.5	0.24	951	0.004	0.33	<0.01	0.18	<0.5	0.19	2.8	3.7	2.65	<5	6	8244	2.582		
2695512	Drill Core	12.0	5.8	2.11	1548	0.004	0.28	<0.01	0.18	<0.5	0.14	4.2	2.0	1.60	<5	9	18512	2.650		
2695513	Core DUP	13.1	8.5	2.11	1636	0.004	0.28	<0.01	0.19	<0.5	0.10	4.5	2.3	1.62	<5	5	18097	2.655		
2695514	Drill Core	14.3	7.7	2.22	925	0.004	0.28	<0.01	0.18	<0.5	0.13	4.0	2.5	1.39	<5	<2	14929	2.566		
2695515	Drill Core	13.3	7.2	2.78	823	0.004	0.27	<0.01	0.17	<0.5	<0.05	4.4	1.9	1.33	<5	4	12673	2.616		
2695516	Drill Core	12.8	8.8	2.76	1013	0.004	0.28	<0.01	0.17	<0.5	0.05	3.2	2.1	1.29	<5	4	9721	2.418		
2695517	Drill Core	16.1	10.0	2.10	1170	0.006	0.37	<0.01	0.23	<0.5	0.16	3.7	1.5	1.65	<5	4	13500	2.466		

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Project: AKIE
Report Date: October 27, 2015

QUALITY CONTROL REPORT VAN15002416.1

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																					
2695355	Drill Core	1.67	13.2	17.4	26.0	1013	<0.5	52.7	5.2	133	1.42	15	3.4	3.5	425	6.8	5.0	<0.5	46	1.37	0.067
REP 2695355	QC																				
2695366	Drill Core	1.13	27.5	64.1	521.4	19495	3.1	80.6	5.9	246	7.24	42	3.5	3.2	137	121.6	30.8	<0.5	43	0.89	0.054
REP 2695366	QC		28.5	68.9	535.5	19819	3.2	83.9	5.5	246	7.36	45	3.3	3.8	139	126.6	31.7	<0.5	43	0.90	0.056
2695390	Drill Core	0.64	1.7	3.8	3.7	13	<0.5	5.8	1.4	153	0.82	6	<0.5	<0.5	1442	<0.5	0.5	<0.5	12	2.57	0.014
REP 2695390	QC																				
2695401	Drill Core	3.23	8.9	13.2	29.6	1662	0.6	66.1	8.2	107	1.85	12	1.8	6.7	290	8.5	2.2	<0.5	44	0.96	0.102
REP 2695401	QC		10.6	14.2	28.7	1678	0.6	62.1	7.8	107	1.86	12	1.7	6.6	273	6.4	2.1	<0.5	43	0.97	0.097
2695425	Drill Core	3.01	22.8	42.1	9793.7	62231	9.3	68.5	4.0	433	8.93	43	3.1	1.1	608	332.1	19.1	<0.5	52	1.01	0.041
REP 2695425	QC																				
2695436	Drill Core	1.76	22.8	38.3	16519.3	77699	14.2	72.9	5.3	517	10.65	47	3.5	2.0	1269	440.9	10.8	<0.5	44	0.77	0.046
REP 2695436	QC		19.5	37.4	16295.1	75147	13.5	74.8	4.5	499	10.33	46	3.3	2.0	1174	429.3	12.4	<0.5	43	0.73	0.044
2695460	Drill Core	1.62	10.4	16.5	1188.9	7005	2.2	57.0	6.5	262	1.81	9	2.5	5.2	225	37.6	3.5	<0.5	66	0.85	0.057
REP 2695460	QC																				
2695461	Drill Core	2.56	21.9	83.3	>40000	177603	36.0	59.1	2.8	908	9.06	41	3.5	1.3	524	1090.1	49.3	<0.5	59	1.78	0.036
REP 2695461	QC																				
2695471	Drill Core	1.68	26.4	38.3	921.4	10232	2.2	77.3	5.7	519	3.07	38	5.8	3.8	561	73.0	20.7	<0.5	94	2.29	0.070
REP 2695471	QC		28.0	34.0	852.8	10222	2.3	77.6	6.1	508	3.10	41	5.5	3.4	546	65.4	20.9	<0.5	90	2.30	0.076
2695496	Drill Core	3.50	24.1	42.8	58.1	16	0.8	84.7	5.7	147	2.09	14	8.9	2.5	192	0.5	4.1	<0.5	57	1.85	0.054
REP 2695496	QC																				
REP 2695506	QC		25.6	38.8	47.7	8	0.9	95.8	7.9	117	1.77	19	7.4	4.1	110	<0.5	4.8	<0.5	62	1.17	0.049
Core Reject Duplicates																					
2695370	Drill Core	1.98	30.8	48.8	289.5	653	4.6	98.2	5.8	234	10.98	87	2.0	3.1	118	6.1	19.6	<0.5	31	0.49	0.052
DUP 2695370	QC		29.2	54.5	282.2	650	4.7	95.1	6.1	240	11.07	88	2.0	3.0	115	5.3	20.7	<0.5	29	0.50	0.055
2695404	Drill Core	2.15	42.1	34.8	1581.0	16349	8.7	96.4	4.3	430	16.59	107	2.0	1.6	369	70.6	19.7	<0.5	52	0.71	0.043
DUP 2695404	QC		39.6	35.0	1547.5	16442	8.2	92.7	4.2	414	16.81	103	1.8	1.4	360	73.9	19.6	<0.5	49	0.70	0.048
2695438	Drill Core	2.56	26.0	53.1	22714.4	120699	22.3	64.5	3.1	637	14.69	62	3.2	0.6	492	712.2	22.2	<0.5	32	1.21	0.036
DUP 2695438	QC		29.0	50.0	23641.3	126049	24.0	63.5	3.6	642	15.27	65	3.3	0.8	543	720.7	21.7	<0.5	35	1.26	0.034

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Client: **Canada Zinc Metals Corp.**
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Project: AKIE
Report Date: October 27, 2015

QUALITY CONTROL REPORT VAN15002416.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
	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	0.01	0.01
Pulp Duplicates																				
2695355	Drill Core	13.9	10.4	0.24	2106	0.003	0.24	<0.01	0.12	<0.5	0.10	1.6	1.0	1.49	<5	<2	24529	2.646		
REP 2695355	QC																23665			
2695366	Drill Core	14.9	4.9	0.16	212	0.003	0.87	<0.01	0.17	<0.5	0.57	1.4	23.2	8.68	<5	45	27501	2.814		
REP 2695366	QC	15.6	4.7	0.18	219	0.003	0.88	<0.01	0.16	<0.5	0.34	1.8	23.0	8.79	<5	49				
2695390	Drill Core	1.4	5.9	0.23	3721	0.001	0.08	<0.01	0.03	<0.5	0.08	<0.5	0.7	0.62	<5	<2	4645	2.672		
REP 2695390	QC																4585			
2695401	Drill Core	24.5	9.2	0.22	2488	0.005	0.61	<0.01	0.26	<0.5	0.06	1.8	3.6	2.10	<5	12	10178	2.630		
REP 2695401	QC	24.5	9.2	0.22	1719	0.005	0.60	<0.01	0.24	<0.5	<0.05	3.5	3.5	2.11	<5	6				
2695425	Drill Core	3.5	7.6	0.17	131	0.003	0.82	<0.01	0.10	<0.5	1.81	4.8	156.3	12.22	<5	16	54405	3.063		
REP 2695425	QC																54377			
2695436	Drill Core	6.2	7.8	0.23	133	0.002	0.31	<0.01	0.13	0.5	2.49	<0.5	188.6	15.25	<5	16	41826	3.132		
REP 2695436	QC	5.9	6.8	0.22	123	0.002	0.29	<0.01	0.13	<0.5	2.55	3.2	188.1	14.66	<5	14				
2695460	Drill Core	20.1	7.9	0.35	1095	0.004	1.46	<0.01	0.21	<0.5	0.35	4.5	15.5	1.67	<5	3	54685	2.737		
REP 2695460	QC																54749			
2695461	Drill Core	5.6	7.3	0.30	110	0.002	0.72	<0.01	0.11	<0.5	7.76	<0.5	260.5	18.48	6	33	39786	3.375	4.41	16.98
REP 2695461	QC																		4.39	17.06
2695471	Drill Core	12.8	10.3	0.17	1000	0.005	0.41	<0.01	0.22	<0.5	0.61	1.3	25.6	3.87	<5	25	9008	2.639		
REP 2695471	QC	11.6	8.4	0.16	830	0.005	0.39	<0.01	0.21	<0.5	0.74	3.3	23.1	3.84	<5	20				
2695496	Drill Core	8.9	6.2	0.14	1513	0.004	0.30	<0.01	0.17	<0.5	0.18	1.3	6.0	2.32	<5	7	7887	2.552		
REP 2695496	QC																7850			
REP 2695506	QC	14.0	7.7	0.39	1133	0.006	0.42	<0.01	0.24	<0.5	0.10	2.5	3.9	1.98	<5	8				
Core Reject Duplicates																				
2695370	Drill Core	13.4	6.8	0.11	108	0.003	0.54	<0.01	0.18	<0.5	0.41	<0.5	12.3	12.47	<5	11	11704	2.952		
DUP 2695370	QC	12.7	6.1	0.11	118	0.003	0.54	<0.01	0.17	<0.5	0.26	1.9	12.7	12.62	<5	12	11504	2.956		
2695404	Drill Core	6.9	11.3	0.18	107	0.004	0.78	<0.01	0.12	0.7	0.78	0.7	81.9	19.40	<5	20	30092	3.106		
DUP 2695404	QC	6.6	12.3	0.18	104	0.003	0.77	<0.01	0.12	0.8	0.85	2.9	84.3	19.38	<5	20	29970	3.124		
2695438	Drill Core	1.9	5.9	0.16	58	0.001	0.24	<0.01	0.08	0.6	4.20	0.6	271.0	22.11	<5	15	41423	3.475		
DUP 2695438	QC	2.1	5.4	0.17	70	0.001	0.26	<0.01	0.08	<0.5	4.34	2.3	275.0	23.13	6	19	42133	3.503		

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Project: AKIE
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QUALITY CONTROL REPORT VAN15002416.1

		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
2695506	Drill Core	2.32	27.2	39.2	46.3	7	0.9	93.5	8.1	98	1.79	15	6.7	3.6	100	<0.5	4.6	<0.5	57	1.14	0.046
DUP 2695506	QC		24.0	37.9	44.7	7	0.9	94.4	7.3	110	1.80	12	6.8	3.5	106	<0.5	4.3	<0.5	63	1.17	0.048
Reference Materials																					
STD CCU-1D	Standard																				
STD CZN-4	Standard																				
STD GBM398-4-AR	Standard		903.4	3865.5	12517.2	5166	48.7	4074.9	2049.2	5269	3.85	8	<0.5	0.6	12	8.2	7.3	11.3	25	0.37	0.022
STD GBM398-4-AR	Standard		962.8	4023.5	11952.5	5529	50.2	4251.7	2134.8	5310	3.88	<5	0.6	0.9	12	6.8	7.1	12.0	38	0.33	0.021
STD GBM398-4-AR	Standard		938.9	4044.2	11496.3	5430	50.9	4264.2	2070.0	5540	4.08	6	0.6	0.7	11	9.9	7.2	11.9	27	0.36	0.023
STD GBM398-4-AR	Standard		908.6	3796.6	11323.3	5210	48.7	4025.8	1933.6	5043	3.64	7	0.6	0.6	13	7.7	7.4	11.9	38	0.34	0.019
STD GBM398-4-AR	Standard		958.0	3959.6	11602.2	5352	49.4	4071.7	2021.8	5335	3.99	7	0.6	0.8	12	5.3	6.8	11.1	27	0.30	0.021
STD GBM398-4-AR	Standard		940.5	3979.6	12067.8	5359	50.3	4288.3	2081.4	5170	3.76	5	0.8	0.8	12	9.0	6.9	12.8	25	0.33	0.022
STD GBM997-6	Standard																				
STD OREAS927-AR	Standard		1.0	10696.2	212.5	719	5.2	28.5	29.4	1092	8.02	15	1.5	11.5	11	1.0	1.2	60.6	33	0.34	0.055
STD OREAS927-AR	Standard		0.9	10722.4	218.1	765	5.1	31.5	31.7	1189	8.28	15	1.6	11.9	12	1.5	1.2	69.9	36	0.32	0.056
STD OREAS927-AR	Standard		0.8	10542.8	220.7	685	4.3	29.2	29.4	1037	7.92	13	1.5	11.9	13	1.0	0.8	59.2	32	0.35	0.053
STD OREAS927-AR	Standard		1.5	10692.7	221.2	730	4.7	30.1	29.9	1115	7.80	13	1.7	12.2	11	1.0	1.2	65.0	36	0.28	0.048
STD OREAS927-AR	Standard		1.2	10705.7	212.3	740	4.1	30.3	29.1	1146	8.16	14	1.7	12.8	12	1.6	1.1	66.8	36	0.34	0.052
STD OREAS927-AR	Standard		1.3	10937.7	225.9	731	4.5	30.8	31.3	1117	8.10	13	1.6	13.6	13	0.9	1.2	66.9	38	0.29	0.057
STD PTC-1A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
2695506	Drill Core	12.9	6.9	0.36	1056	0.005	0.38	<0.01	0.22	<0.5	0.06	2.4	3.4	1.96	<5	8	12127	2.586		
DUP 2695506	QC	13.7	7.5	0.36	1088	0.006	0.39	<0.01	0.22	<0.5	<0.05	2.7	3.3	2.03	<5	11	12083	2.571		
Reference Materials																				
STD CCU-1D	Standard																		0.28	2.44
STD CZN-4	Standard																		0.20	52.95
STD GBM398-4-AR	Standard	2.5	2023.7	0.13	21	0.113	0.49	0.25	0.10	2.6	3.34	2.1	<0.5	0.92	<5	<2				
STD GBM398-4-AR	Standard	2.5	2069.3	0.13	23	0.116	0.52	0.27	0.11	3.7	3.43	1.7	<0.5	0.96	<5	6				
STD GBM398-4-AR	Standard	2.8	2060.8	0.13	26	0.114	0.53	0.26	0.12	3.3	3.52	<0.5	<0.5	0.97	<5	<2				
STD GBM398-4-AR	Standard	2.3	1962.3	0.13	18	0.112	0.52	0.26	0.11	2.7	2.92	3.0	<0.5	0.89	<5	<2				
STD GBM398-4-AR	Standard	2.5	2057.5	0.13	18	0.120	0.54	0.25	0.10	2.7	3.04	2.6	<0.5	0.98	<5	5				
STD GBM398-4-AR	Standard	2.6	2109.2	0.13	22	0.111	0.50	0.27	0.12	2.8	3.29	2.2	<0.5	0.92	<5	3				
STD GBM997-6	Standard																		23.23	15.56
STD OREAS927-AR	Standard	25.8	40.8	1.89	47	0.080	3.15	<0.01	0.24	5.0	0.08	3.4	<0.5	1.75	8	17				
STD OREAS927-AR	Standard	27.3	43.8	2.03	48	0.098	3.51	<0.01	0.27	5.3	0.12	3.9	<0.5	1.80	10	14				
STD OREAS927-AR	Standard	24.5	38.9	1.86	43	0.085	3.13	<0.01	0.25	4.4	0.18	3.3	<0.5	1.76	10	19				
STD OREAS927-AR	Standard	27.7	43.3	1.92	46	0.097	3.35	<0.01	0.26	5.3	0.08	3.3	<0.5	1.73	9	18				
STD OREAS927-AR	Standard	28.0	41.9	1.90	46	0.103	3.21	<0.01	0.27	5.0	0.09	3.3	<0.5	1.85	9	16				
STD OREAS927-AR	Standard	27.0	41.5	1.98	54	0.087	3.50	<0.01	0.28	4.7	0.12	5.5	<0.5	1.71	9	17				
STD PTC-1A	Standard																		0.06	0.09
STD SO-18	Standard																481			
STD SO-18	Standard																482			
STD SO-18	Standard																480			
STD SO-18	Standard																487			
STD SO-18	Standard																480			
STD SO-18	Standard																485			
STD SO-18	Standard																494			
STD SO-18	Standard																489			
STD SO-18	Standard																488			
STD SO-18	Standard																469			

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		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 SO-18 Expected																					
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD CZN-4 Expected																					
STD GBM997-6 Expected																					
STD CCU-1D Expected																					
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	0.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.003
BLK	Blank		<0.5	<0.5	3.0	15	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	0.02	0.002
BLK	Blank		<0.5	0.9	<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	0.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	0.01	<0.001
BLK	Blank																				
BLK	Blank		<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	2.0	1.2	27	<0.5	1.3	4.4	448	1.86	<5	<0.5	2.2	23	<0.5	<0.5	<0.5	26	0.63	0.049
ROCK-VAN	Prep Blank		0.8	3.3	1.2	28	<0.5	1.0	3.3	486	1.86	<5	<0.5	2.1	30	<0.5	<0.5	<0.5	30	0.62	0.042

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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb	Zn
		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	0.01	0.01
STD SO-18 Expected																	515			
STD GBM398-4-AR		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		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5				
STD CZN-4 Expected																			0.1861	55.24
STD GBM997-6 Expected																			23.75	15.83
STD CCU-1D Expected																			0.262	2.63
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	3				
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	0.06	1.4	<0.5	<0.05	<5	<2				
BLK	Blank																<10			
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	4				
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																		<0.01	<0.01
Prep Wash																				
ROCK-VAN	Prep Blank	5.9	5.3	0.42	54	0.097	0.89	0.09	0.08	<0.5	<0.05	2.1	<0.5	<0.05	<5	<2	818	2.692		
ROCK-VAN	Prep Blank	5.2	2.9	0.49	76	0.103	0.91	0.10	0.08	<0.5	<0.05	2.9	<0.5	<0.05	<5	<2	827	2.678		

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

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By:	Nicholas Johnson
Receiving Lab:	Canada-Vancouver
Received:	September 29, 2015
Report Date:	October 29, 2015
Page:	1 of 6

CERTIFICATE OF ANALYSIS VAN15002577.1

CLIENT JOB INFORMATION

Project:	AKIE
Shipment ID:	HOLE 130
P.O. Number	
Number of Samples:	148

SAMPLE DISPOSAL

RTRN-PLP	Return
DISP-RJT	Dispose of Reject After 90 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	133	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	3	Pulverize to 85% passing 200 mesh			VAN
SPTRF	3	Split samples by riffle splitter			VAN
AQ270	148	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	148	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	140	Specific Gravity on Pulp		Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

BUREAU VERITAS MINERAL LABORATORIES Canada

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Project: AKIE
Report Date: October 29, 2015

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2695518	Drill Core	2.07	48.1	48.4	18.6	2761	0.6	88.5	8.9	39	1.36	20	12.6	4.3	113	28.1	8.8	<0.5	152	0.37	0.045
2695519	Drill Core	1.98	38.6	52.1	29.7	830	0.9	102.0	9.6	100	2.54	29	9.6	4.3	179	7.6	11.5	<0.5	111	0.87	0.041
2695520	Drill Core	2.46	29.0	41.3	18.1	170	<0.5	73.5	8.3	428	2.12	19	7.8	4.0	436	1.5	6.6	<0.5	85	3.63	0.047
2695521	Drill Core	1.78	36.9	40.1	24.2	794	0.5	81.8	9.4	112	1.81	25	9.5	4.2	306	6.7	7.2	<0.5	89	1.84	0.043
2695522	Drill Core	1.38	31.4	29.8	37.7	646	<0.5	69.5	9.0	259	2.43	22	9.2	4.3	1004	6.1	5.9	<0.5	48	3.36	0.050
2695523	Rock Pulp	0.02	8.5	1887.4	13334.9	16042	62.7	16.0	18.1	1406	4.06	58	0.9	2.3	78	123.7	159.3	5.2	74	1.96	0.051
2695524	Drill Core	2.01	24.3	56.7	164.3	638	3.8	85.0	7.3	120	7.09	56	2.3	5.3	102	5.6	15.4	<0.5	71	0.49	0.064
2695525	Drill Core	2.10	9.6	18.2	13.7	1301	<0.5	43.0	7.7	348	2.49	12	2.1	8.1	383	11.7	2.4	<0.5	73	2.48	0.074
2695526	Drill Core	2.24	19.6	22.8	46.1	1684	1.0	54.5	5.4	493	3.14	23	6.4	3.7	831	16.0	4.8	<0.5	56	5.34	0.089
2695527	Drill Core	2.49	26.5	50.3	191.5	1304	3.6	79.3	6.7	209	7.98	59	2.6	4.6	345	12.6	14.7	<0.5	61	1.32	0.073
2695528	Drill Core	1.94	24.2	59.9	327.0	260	4.8	90.5	5.7	243	8.10	61	5.7	3.2	660	2.7	17.2	<0.5	60	3.03	0.052
2695529	Drill Core	1.78	40.8	56.1	174.3	5173	4.0	103.6	8.4	119	4.81	50	7.0	5.0	80	54.5	14.3	<0.5	112	0.62	0.093
2695530	Drill Core	4.20	16.9	23.5	29.1	1445	1.1	58.7	7.2	141	1.94	20	2.5	5.9	339	14.6	5.5	<0.5	72	2.05	0.066
2695531	Drill Core	2.79	27.4	60.1	222.7	236	4.9	92.8	6.3	226	8.87	71	2.0	4.1	236	2.5	18.5	<0.5	54	1.23	0.040
2695532	Drill Core	1.35	34.5	43.4	197.2	1431	3.1	93.3	6.8	176	7.13	57	4.5	3.7	177	13.6	14.4	<0.5	72	1.03	0.067
2695533	Pulp DUP		36.9	42.6	194.1	1436	3.1	95.5	6.9	172	7.20	55	4.6	3.6	182	13.5	14.4	<0.5	73	1.03	0.068
2695534	Drill Core	1.69	10.0	12.8	16.0	1447	<0.5	47.9	8.0	58	1.37	15	1.7	6.8	90	12.3	3.3	<0.5	60	0.54	0.071
2695535	Drill Core	2.04	29.8	50.6	341.6	1065	4.6	90.5	4.7	384	11.75	83	2.1	3.0	374	9.6	20.1	<0.5	63	2.57	0.044
2695536	Drill Core	1.93	37.0	18.5	14.5	6541	<0.5	71.5	8.5	102	1.33	15	6.7	5.4	128	50.5	3.2	<0.5	115	0.94	0.151
2695537	Drill Core	1.84	24.9	54.4	188.5	1190	2.7	92.2	6.9	192	6.86	59	2.6	5.3	247	9.9	11.8	<0.5	63	1.26	0.074
2695538	Drill Core	3.36	9.2	14.7	10.1	1432	<0.5	35.3	7.7	191	1.73	9	1.8	8.1	217	10.5	2.3	<0.5	59	1.68	0.067
2695539	Drill Core	1.64	24.3	58.5	297.6	1271	2.9	82.7	6.5	316	8.54	56	1.9	5.1	247	9.6	11.4	<0.5	51	1.84	0.054
2695540	Drill Core	1.63	12.5	13.4	27.4	1687	<0.5	49.4	6.7	59	1.48	15	2.0	6.9	151	11.9	2.8	<0.5	70	0.54	0.082
2695541	Drill Core	2.75	27.4	42.5	336.0	2220	3.8	90.2	6.6	238	9.69	67	2.0	4.1	589	15.7	13.3	<0.5	43	1.17	0.058
2695542	Drill Core	1.84	12.9	29.9	80.5	2020	1.6	67.6	7.3	146	3.69	28	1.6	6.3	156	14.1	4.6	<0.5	44	0.85	0.069
2695543	Rock Pulp	0.02	5.1	89.0	4.3	42	<0.5	14.4	9.2	476	3.37	<5	0.9	2.8	89	<0.5	<0.5	<0.5	96	1.09	0.058
2695544	Drill Core	1.84	33.0	44.6	419.3	1964	5.8	97.9	4.8	277	16.23	96	1.7	1.5	62	13.7	17.3	<0.5	44	0.52	0.040
2695545	Drill Core	2.84	17.1	26.2	69.5	2591	2.0	62.4	5.9	208	3.72	26	2.6	5.0	620	17.8	4.6	<0.5	54	2.96	0.080
2695546	Drill Core	2.13	43.8	54.0	584.1	778	6.6	121.7	4.9	267	18.31	118	2.1	1.5	122	6.4	24.7	<0.5	44	0.42	0.034
2695547	Drill Core	1.23	6.5	11.7	17.8	1062	<0.5	42.2	6.8	152	1.80	11	1.6	6.8	320	7.3	1.9	<0.5	45	1.44	0.079

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Project: AKIE
Report Date: October 29, 2015

CERTIFICATE OF ANALYSIS VAN15002577.1

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
2695518	Drill Core	19.0	9.8	0.05	2695	0.005	0.58	<0.01	0.28	<0.5	0.18	1.6	1.3	1.59	<5	12	7595	2.499
2695519	Drill Core	17.1	8.4	0.06	1276	0.005	0.56	<0.01	0.27	<0.5	0.21	2.0	2.8	2.88	<5	11	7464	2.581
2695520	Drill Core	14.6	7.3	0.07	1685	0.005	0.48	<0.01	0.24	<0.5	0.11	2.2	1.6	2.44	<5	7	6148	2.560
2695521	Drill Core	17.8	6.7	0.05	1673	0.005	0.51	<0.01	0.23	<0.5	0.16	1.6	2.5	2.09	<5	7	10157	2.569
2695522	Drill Core	18.2	8.7	0.17	1428	0.004	0.43	<0.01	0.22	<0.5	0.10	2.0	1.8	2.58	<5	6	13687	2.568
2695523	Rock Pulp	7.0	22.9	1.29	250	0.133	1.59	0.20	0.20	1.1	0.53	3.0	0.9	1.75	5	4	654	
2695524	Drill Core	21.4	12.9	0.07	246	0.007	0.75	<0.01	0.38	<0.5	0.31	1.9	6.0	8.21	<5	12	7671	2.797
2695525	Drill Core	30.4	11.2	0.62	2315	0.007	0.86	<0.01	0.49	<0.5	<0.05	3.7	2.1	1.70	<5	6	9523	2.696
2695526	Drill Core	14.8	9.4	0.20	531	0.004	0.44	<0.01	0.24	<0.5	0.11	1.9	2.3	3.24	<5	8	16769	2.697
2695527	Drill Core	17.6	10.3	0.14	190	0.005	0.52	<0.01	0.30	<0.5	0.35	1.5	7.1	9.10	<5	15	9623	2.783
2695528	Drill Core	12.9	10.5	0.16	201	0.003	0.41	<0.01	0.21	<0.5	0.19	2.1	5.1	9.10	<5	24	16832	2.796
2695529	Drill Core	19.9	12.8	0.14	349	0.006	0.68	<0.01	0.36	<0.5	0.29	2.4	7.7	5.71	<5	25	8431	2.633
2695530	Drill Core	25.4	10.5	0.24	2178	0.006	0.66	<0.01	0.38	<0.5	0.10	3.0	2.7	1.89	<5	10	8308	2.609
2695531	Drill Core	16.5	8.3	0.16	156	0.005	0.54	<0.01	0.29	<0.5	0.28	2.3	8.2	10.23	<5	19	9406	2.832
2695532	Drill Core	15.1	10.0	0.10	203	0.004	0.58	<0.01	0.31	<0.5	0.24	2.4	7.0	7.99	<5	17	19601	2.755
2695533	Pulp DUP	15.8	10.1	0.10	205	0.004	0.58	<0.01	0.29	<0.5	0.28	1.8	7.1	8.03	<5	15	19023	2.752
2695534	Drill Core	27.5	10.8	0.13	2699	0.005	0.86	<0.01	0.38	<0.5	0.07	2.3	2.1	1.37	<5	5	13160	2.637
2695535	Drill Core	11.7	10.8	0.43	108	0.005	0.57	<0.01	0.26	<0.5	0.41	2.4	11.9	12.87	<5	17	10272	2.879
2695536	Drill Core	21.6	12.4	0.12	1726	0.006	0.70	<0.01	0.35	<0.5	0.17	2.8	2.2	1.67	<5	12	6822	2.545
2695537	Drill Core	18.9	11.2	0.16	254	0.005	0.62	<0.01	0.35	<0.5	0.22	2.5	7.1	7.73	<5	12	6988	2.820
2695538	Drill Core	33.7	8.6	0.48	1432	0.005	0.73	<0.01	0.41	<0.5	0.09	4.7	2.2	1.06	<5	4	8206	2.645
2695539	Drill Core	19.4	8.9	0.52	228	0.005	0.56	<0.01	0.32	<0.5	0.20	3.1	8.5	8.90	<5	13	6317	2.853
2695540	Drill Core	28.8	11.5	0.10	2606	0.006	0.76	<0.01	0.41	<0.5	0.10	2.6	2.4	1.64	<5	5	9753	2.654
2695541	Drill Core	15.5	8.3	0.13	179	0.004	0.64	<0.01	0.26	<0.5	0.40	2.1	12.1	11.08	<5	12	10719	2.878
2695542	Drill Core	24.0	8.2	0.20	518	0.004	0.97	<0.01	0.28	<0.5	0.16	2.5	5.2	3.97	<5	5	20226	2.739
2695543	Rock Pulp	7.1	17.9	0.79	136	0.168	1.87	0.25	0.23	0.6	<0.05	3.9	<0.5	<0.05	5	<2	605	
2695544	Drill Core	7.3	8.4	0.12	81	0.004	0.99	<0.01	0.18	<0.5	0.80	1.9	24.2	18.62	<5	15	21374	3.112
2695545	Drill Core	20.3	9.2	0.23	495	0.004	0.93	<0.01	0.25	<0.5	0.23	2.7	5.3	3.99	<5	7	19589	2.726
2695546	Drill Core	6.6	8.4	0.06	70	0.004	0.77	<0.01	0.17	<0.5	1.03	1.4	26.2	20.95	<5	17	15488	3.218
2695547	Drill Core	29.3	7.2	0.25	2090	0.004	0.61	<0.01	0.30	<0.5	0.06	2.7	2.2	1.92	<5	3	8865	2.648

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Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2695548	Drill Core	1.64	15.1	30.9	110.2	1295	2.8	68.6	6.6	111	3.94	33	2.3	6.4	173	9.6	7.7	<0.5	56	0.88	0.069
2695549	Drill Core	1.52	5.4	12.4	17.4	1022	0.7	19.2	1.6	156	1.22	8	1.4	1.0	757	6.7	1.8	<0.5	34	2.57	0.024
2695550	Drill Core	2.18	37.1	38.5	38.0	6665	2.7	108.9	9.3	31	2.43	32	7.6	6.5	140	36.4	6.0	<0.5	135	0.45	0.150
2695551	Drill Core	2.02	27.9	35.9	42.2	6701	2.1	91.4	8.7	68	2.37	25	5.7	6.5	195	35.3	5.5	<0.5	93	0.75	0.121
2695552	Drill Core	1.42	32.8	137.7	466.9	2398	11.1	108.8	6.2	258	12.64	92	2.7	4.0	382	14.6	40.9	<0.5	63	1.10	0.061
2695553	Core DUP		33.1	130.5	440.1	2386	10.6	108.8	6.1	269	12.55	92	2.6	4.1	360	14.4	42.2	<0.5	70	1.07	0.058
2695554	Drill Core	2.00	19.2	55.9	247.0	888	3.5	72.2	5.8	242	5.77	40	2.0	6.4	380	5.5	13.3	<0.5	56	1.80	0.061
2695555	Drill Core	2.88	7.8	14.2	23.0	1439	0.6	54.5	7.2	114	1.74	11	1.7	7.7	283	8.4	2.4	<0.5	43	1.20	0.078
2695556	Drill Core	2.37	7.8	14.1	15.3	1603	<0.5	54.0	7.4	123	1.56	9	1.7	7.4	434	8.8	1.8	<0.5	50	1.43	0.080
2695557	Drill Core	1.45	11.1	17.3	31.3	1971	0.7	63.7	6.3	195	2.00	12	2.4	6.3	711	10.1	2.0	<0.5	51	1.89	0.098
2695558	Drill Core	2.90	40.4	58.3	1234.0	13374	7.7	93.2	3.8	337	15.79	97	2.4	1.4	289	67.5	20.0	<0.5	66	0.68	0.039
2695559	Drill Core	2.50	30.6	43.1	1225.8	10436	5.0	90.9	4.7	307	14.25	87	2.1	1.4	389	50.8	15.5	<0.5	71	1.02	0.045
2695560	Drill Core	1.36	14.9	11.7	59.8	3334	<0.5	61.6	6.7	144	1.49	8	3.8	6.3	1101	17.1	1.1	<0.5	65	1.11	0.087
2695561	Drill Core	2.34	24.6	39.0	1005.9	10524	3.0	84.2	5.5	229	9.16	57	3.2	3.4	565	52.2	10.4	<0.5	67	1.77	0.067
2695562	Drill Core	2.96	25.1	32.6	1439.2	11886	4.1	78.1	5.0	259	11.05	64	2.6	2.4	559	60.1	13.8	<0.5	69	0.79	0.047
2695563	Rock Pulp	0.02	8.0	1885.2	13336.5	17024	60.5	14.2	17.4	1404	3.95	56	0.8	2.6	76	126.3	155.0	5.2	76	1.94	0.049
2695564	Drill Core	2.71	29.6	71.7	1715.9	19060	5.2	93.9	5.3	304	12.02	74	3.3	2.0	652	100.2	27.5	<0.5	69	1.22	0.046
2695565	Drill Core	2.40	8.9	14.9	151.1	1845	<0.5	60.1	7.4	107	1.65	10	2.0	7.1	246	10.1	2.6	<0.5	54	1.10	0.072
2695566	Drill Core	2.71	11.9	18.8	163.6	3066	<0.5	70.4	7.6	144	1.76	11	2.4	7.0	494	17.3	3.3	<0.5	60	1.44	0.076
2695567	Drill Core	2.64	27.3	60.7	2408.1	33088	5.9	84.5	4.7	377	12.91	64	3.0	1.8	1670	155.0	30.7	<0.5	79	1.46	0.042
2695568	Drill Core	3.04	24.1	46.0	2715.7	26164	4.8	79.0	5.5	332	9.62	44	3.8	2.2	756	125.0	28.3	<0.5	76	1.24	0.043
2695569	Drill Core	1.97	9.8	18.3	605.4	2845	<0.5	60.8	7.5	79	1.41	9	2.6	6.6	524	14.1	3.1	<0.5	65	0.46	0.064
2695570	Drill Core	2.63	25.8	54.4	5063.5	56916	7.1	76.7	4.0	395	12.89	51	3.9	1.4	1240	277.4	40.1	<0.5	86	1.01	0.036
2695571	Drill Core	1.06	21.0	24.5	2322.9	7574	1.5	77.8	7.2	143	3.11	15	5.2	5.4	751	36.6	9.9	<0.5	93	1.03	0.062
2695572	Drill Core	2.02	19.5	49.3	7005.4	56007	5.7	66.2	4.9	345	9.22	30	3.2	1.8	920	323.3	31.5	<0.5	93	1.27	0.044
2695573	Pulp DUP		18.8	49.1	7076.1	55855	5.7	64.0	4.5	358	9.13	30	3.3	2.0	892	305.8	31.6	<0.5	94	1.27	0.043
2695574	Drill Core	1.63	21.2	44.1	5058.9	46352	5.9	65.0	4.7	310	9.83	32	3.6	1.6	951	254.1	34.2	<0.5	113	1.05	0.040
2695575	Drill Core	1.45	29.9	55.8	5020.2	47372	8.8	74.5	4.1	409	12.27	49	4.4	1.0	1583	267.6	47.8	<0.5	118	1.39	0.036
2695576	Drill Core	2.56	23.0	40.1	6050.2	40753	7.6	69.6	4.5	326	8.68	39	3.4	2.2	1338	227.1	24.8	<0.5	124	0.61	0.043
2695577	Drill Core	2.65	26.3	44.0	13201.8	91412	15.2	71.0	3.2	485	14.68	66	2.5	0.5	996	506.4	30.2	<0.5	119	0.81	0.028

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Project: AKIE
Report Date: October 29, 2015

CERTIFICATE OF ANALYSIS VAN15002577.1

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
2695548	Drill Core	22.9	8.6	0.21	1006	0.005	0.56	<0.01	0.29	<0.5	0.22	2.2	6.3	4.44	<5	8	6670	2.729
2695549	Drill Core	3.7	7.0	0.15	3602	0.002	0.17	<0.01	0.08	<0.5	<0.05	1.2	2.0	1.19	<5	3	7703	2.670
2695550	Drill Core	26.9	14.1	0.05	748	0.006	0.65	<0.01	0.31	<0.5	0.38	2.1	6.3	3.10	<5	19	10498	2.564
2695551	Drill Core	26.9	12.2	0.07	929	0.005	0.56	<0.01	0.28	<0.5	0.32	2.4	6.3	2.98	<5	14	8400	2.596
2695552	Drill Core	12.8	9.5	0.17	102	0.004	0.45	<0.01	0.22	<0.5	0.27	2.1	42.5	14.58	<5	18	8976	2.924
2695553	Core DUP	13.1	10.5	0.18	102	0.005	0.49	<0.01	0.24	<0.5	0.33	2.5	43.1	14.32	<5	19	9227	2.933
2695554	Drill Core	21.7	8.3	0.45	239	0.004	0.53	<0.01	0.25	<0.5	0.16	3.2	17.9	6.83	<5	10	12466	2.747
2695555	Drill Core	27.6	8.1	0.22	1171	0.004	0.59	<0.01	0.30	<0.5	0.10	3.1	4.7	2.00	<5	4	13535	2.690
2695556	Drill Core	27.5	9.5	0.20	1840	0.005	0.65	<0.01	0.31	<0.5	0.12	3.2	3.5	1.80	<5	5	8930	2.631
2695557	Drill Core	23.2	9.4	0.27	1082	0.005	0.55	<0.01	0.26	<0.5	0.12	2.9	4.6	2.23	<5	6	11807	2.601
2695558	Drill Core	6.2	9.2	0.14	96	0.003	0.74	<0.01	0.14	<0.5	0.77	2.2	69.9	18.13	<5	18	29565	3.127
2695559	Drill Core	7.1	9.1	0.14	137	0.004	0.51	<0.01	0.17	<0.5	0.56	2.0	64.4	16.23	<5	15	25607	3.106
2695560	Drill Core	22.4	8.3	0.25	1029	0.005	0.53	<0.01	0.24	<0.5	0.08	3.1	3.6	1.77	<5	6	20894	2.602
2695561	Drill Core	12.2	8.9	0.16	199	0.004	0.69	<0.01	0.20	<0.5	0.37	2.4	43.4	10.49	<5	13	30062	2.875
2695562	Drill Core	10.5	8.8	0.17	128	0.004	0.66	<0.01	0.20	<0.5	0.40	2.3	59.1	12.73	<5	15	33760	2.931
2695563	Rock Pulp	6.9	22.9	1.26	240	0.133	1.58	0.19	0.19	1.3	0.52	3.0	0.9	1.68	<5	4	642	
2695564	Drill Core	8.1	7.6	0.16	133	0.004	0.51	<0.01	0.17	<0.5	0.50	1.9	70.1	14.00	<5	23	29584	2.972
2695565	Drill Core	25.2	8.0	0.23	1794	0.005	0.56	<0.01	0.27	<0.5	0.06	2.9	3.7	1.98	<5	7	9014	2.596
2695566	Drill Core	25.4	8.9	0.26	1571	0.005	0.55	<0.01	0.27	<0.5	0.10	2.7	4.6	2.07	<5	9	9951	2.621
2695567	Drill Core	7.0	8.5	0.25	158	0.004	0.37	<0.01	0.14	<0.5	0.77	2.2	87.0	15.50	<5	23	44184	3.079
2695568	Drill Core	8.9	8.5	0.24	190	0.004	0.56	<0.01	0.15	<0.5	0.51	3.3	75.9	11.40	<5	23	46527	2.976
2695569	Drill Core	23.5	8.2	0.16	1876	0.005	0.84	<0.01	0.25	<0.5	0.06	3.2	5.7	1.31	<5	9	31998	2.656
2695570	Drill Core	5.4	8.2	0.22	142	0.003	0.44	<0.01	0.12	0.6	1.08	2.9	118.6	16.54	<5	30	49205	3.123
2695571	Drill Core	18.9	8.4	0.20	689	0.004	1.00	<0.01	0.21	<0.5	0.15	4.6	20.5	3.19	<5	14	51598	2.720
2695572	Drill Core	7.8	8.7	0.29	167	0.004	0.64	<0.01	0.14	0.5	1.06	4.3	102.5	12.15	<5	36	61456	3.078
2695573	Pulp DUP	8.3	8.4	0.30	185	0.004	0.63	<0.01	0.14	<0.5	1.05	4.3	96.5	12.04	<5	34	61471	3.083
2695574	Drill Core	7.5	9.9	0.26	193	0.003	0.84	<0.01	0.11	0.5	0.83	5.0	99.2	12.17	<5	37	72722	3.090
2695575	Drill Core	4.7	8.7	0.24	139	0.003	0.59	<0.01	0.10	0.6	0.94	4.1	127.8	15.19	<5	46	66255	3.172
2695576	Drill Core	8.8	12.4	0.25	210	0.004	0.92	<0.01	0.14	<0.5	0.84	5.5	108.1	10.93	<5	28	64194	3.032
2695577	Drill Core	3.2	12.4	0.21	125	0.002	0.35	<0.01	0.07	<0.5	2.16	3.6	203.8	19.66	<5	22	62513	3.423

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Project: AKIE
Report Date: October 29, 2015

CERTIFICATE OF ANALYSIS VAN15002577.1

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
2695578	Drill Core	1.23	14.9	26.4	4775.1	2697	1.5	79.6	7.8	94	1.59	13	2.6	4.5	558	16.0	5.4	<0.5	40	0.28	0.065
2695579	Drill Core	2.60	20.6	47.7	23692.5	86687	11.8	70.1	5.0	407	7.28	33	3.3	1.0	703	595.2	19.3	<0.5	91	1.20	0.040
2695580	Drill Core	3.02	23.0	44.2	12012.7	79086	12.8	62.4	3.8	480	10.34	49	3.6	1.2	624	456.9	23.9	<0.5	95	1.38	0.043
2695581	Drill Core	0.91	3.2	7.4	942.6	1578	<0.5	20.6	1.4	244	1.06	5	0.9	0.8	3291	10.7	1.4	<0.5	33	2.58	0.033
2695582	Drill Core	1.51	27.4	35.4	2409.4	6750	3.3	108.4	7.5	125	3.37	41	5.9	4.4	188	45.7	7.1	<0.5	150	1.30	0.200
2695583	Rock Pulp	0.02	5.0	93.3	5.9	43	<0.5	13.5	9.5	499	3.31	<5	0.9	2.9	88	<0.5	<0.5	<0.5	95	1.10	0.059
2695584	Drill Core	2.87	31.6	53.0	9339.1	41229	12.7	80.0	4.3	414	15.68	86	3.9	1.5	419	277.3	27.3	<0.5	81	0.69	0.044
2695585	Drill Core	2.65	25.9	38.9	9184.0	47621	11.4	71.7	4.4	449	13.52	68	3.4	1.4	472	293.3	16.7	<0.5	76	0.98	0.044
2695586	Drill Core	1.42	23.7	40.7	8112.4	50956	9.4	73.3	4.6	442	11.15	53	3.5	1.8	475	322.7	13.7	<0.5	72	0.98	0.055
2695587	Drill Core	1.95	28.7	45.3	12841.5	83697	16.7	70.4	3.3	703	18.16	76	3.8	1.4	429	508.6	22.7	<0.5	82	1.11	0.040
2695588	Drill Core	1.62	29.3	43.5	9165.0	44246	7.7	84.8	7.1	481	8.08	38	5.2	8.4	535	285.7	12.1	<0.5	84	1.91	0.098
2695589	Drill Core	2.74	29.8	44.0	18288.6	78459	19.2	71.3	3.0	521	17.81	74	4.3	0.8	677	497.4	21.8	<0.5	86	0.57	0.028
2695590	Drill Core	2.13	19.4	37.3	13536.2	68911	10.5	66.9	5.1	392	8.21	36	4.1	2.3	347	427.0	10.3	<0.5	80	0.86	0.065
2695591	Drill Core	3.40	24.2	48.9	29397.0	128766	23.9	56.5	2.9	626	16.35	66	3.6	0.9	231	803.5	15.6	<0.5	78	0.67	0.031
2695592	Drill Core	2.46	21.4	52.4	27499.0	149091	22.6	57.5	3.2	640	13.21	59	3.4	0.8	259	909.1	14.4	<0.5	69	0.89	0.037
2695593	Core DUP		21.7	52.9	27458.1	149205	23.4	59.4	3.3	649	13.38	57	3.3	0.8	262	910.8	14.8	<0.5	75	0.91	0.040
2695594	Drill Core	2.00	26.3	51.9	23471.8	110374	20.9	64.8	3.4	578	14.24	65	4.1	1.5	355	657.9	20.1	<0.5	81	1.06	0.034
2695595	Drill Core	1.12	27.7	26.0	2685.7	7666	1.5	99.3	7.9	151	1.49	12	6.4	6.3	107	50.3	2.9	<0.5	102	0.52	0.098
2695596	Drill Core	2.37	23.3	52.3	18332.6	97026	18.2	64.1	3.8	485	13.45	62	3.3	1.5	243	582.0	20.8	<0.5	76	0.76	0.039
2695597	Drill Core	2.93	26.7	47.4	22931.0	82133	19.0	70.6	4.1	458	13.47	68	3.3	1.3	248	531.1	20.0	<0.5	71	0.72	0.041
2695598	Drill Core	2.75	26.0	85.6	31471.0	121501	25.5	64.1	3.1	651	15.23	81	3.4	1.4	161	794.2	42.6	<0.5	69	1.32	0.035
2695599	Drill Core	1.33	26.0	45.1	1144.8	1494	2.5	86.3	6.0	309	3.80	50	4.0	4.5	363	10.9	19.9	<0.5	70	1.89	0.069
2695600	Drill Core	1.59	17.6	30.4	844.1	8609	1.2	73.0	6.7	276	2.45	16	4.1	5.5	177	60.2	9.3	<0.5	69	1.14	0.069
2695601	Drill Core	3.52	19.1	23.5	648.3	2104	0.6	80.6	8.3	173	1.92	15	4.0	6.9	172	15.2	6.3	<0.5	77	0.99	0.077
2695602	Drill Core	3.69	19.8	37.3	226.1	2057	0.7	83.2	8.2	186	2.04	18	4.2	6.4	257	14.5	7.7	<0.5	71	1.43	0.083
2695603	Rock Pulp	0.02	8.0	1931.4	13684.5	17618	63.0	15.3	18.0	1527	4.10	59	1.0	2.4	81	125.4	163.8	5.1	77	1.99	0.055
2695604	Drill Core	3.47	19.1	41.8	290.1	2515	0.8	79.8	8.1	223	1.98	17	4.7	7.3	254	14.8	7.6	<0.5	75	1.57	0.081
2695605	Drill Core	3.61	19.9	38.8	746.6	4234	0.9	75.5	8.5	212	1.86	12	4.8	7.3	231	21.5	7.0	<0.5	79	1.43	0.087
2695606	Drill Core	3.30	20.1	34.6	473.9	4996	0.8	77.0	8.0	210	1.83	15	5.0	7.2	277	25.2	7.2	<0.5	73	1.45	0.087
2695607	Drill Core	3.53	21.0	24.4	602.8	4476	0.7	81.3	8.3	212	1.75	12	5.0	7.1	333	26.4	6.0	<0.5	78	1.83	0.088

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	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
2695578	Drill Core	16.4	5.7	0.27	3284	0.002	0.60	<0.01	0.12	<0.5	0.13	7.1	14.0	1.47	<5	11	58772	2.728
2695579	Drill Core	5.7	9.7	0.21	183	0.003	0.92	<0.01	0.10	<0.5	2.36	4.4	127.8	11.63	<5	19	70201	3.144
2695580	Drill Core	5.3	10.6	0.19	149	0.004	0.72	<0.01	0.12	<0.5	2.13	3.8	167.4	14.74	<5	20	51167	3.134
2695581	Drill Core	3.8	5.8	0.15	18828	0.002	0.16	<0.01	0.06	<0.5	0.05	1.3	4.6	0.22	<5	3	56563	2.735
2695582	Drill Core	12.8	19.1	0.08	424	0.007	0.57	<0.01	0.26	<0.5	0.18	1.8	23.0	4.12	<5	17	11475	2.610
2695583	Rock Pulp	6.9	17.9	0.79	142	0.175	1.90	0.24	0.23	0.8	<0.05	3.4	<0.5	<0.05	6	<2	605	
2695584	Drill Core	5.4	9.8	0.14	100	0.005	0.47	<0.01	0.19	0.6	1.20	1.6	191.1	19.47	<5	23	23929	3.179
2695585	Drill Core	5.3	10.3	0.19	113	0.004	0.41	<0.01	0.19	<0.5	1.50	2.3	170.3	17.50	<5	18	32815	3.173
2695586	Drill Core	6.1	9.8	0.22	145	0.004	0.40	<0.01	0.19	<0.5	1.54	2.5	144.1	14.93	<5	16	27534	3.041
2695587	Drill Core	5.4	5.7	0.17	123	0.004	0.26	<0.01	0.11	<0.5	2.50	1.5	242.7	24.17	<5	19	33040	3.465
2695588	Drill Core	16.4	9.7	0.21	172	0.006	0.44	<0.01	0.20	0.5	1.51	2.6	113.2	11.23	<5	15	29539	2.925
2695589	Drill Core	3.7	9.3	0.13	74	0.004	0.32	<0.01	0.14	<0.5	2.58	1.9	241.9	23.76	<5	18	27228	3.403
2695590	Drill Core	8.2	9.5	0.27	162	0.004	0.49	<0.01	0.19	<0.5	2.05	3.3	146.6	12.32	<5	14	47022	3.042
2695591	Drill Core	3.4	9.3	0.23	90	0.002	0.33	0.03	0.07	<0.5	4.45	2.7	258.7	24.33	<5	17	41028	3.540
2695592	Drill Core	3.0	8.1	0.19	85	0.003	0.39	<0.01	0.11	<0.5	4.91	2.1	239.1	21.91	<5	17	38465	3.459
2695593	Core DUP	3.0	8.6	0.19	83	0.003	0.41	<0.01	0.12	<0.5	5.10	2.1	237.7	22.14	<5	15	38447	3.456
2695594	Drill Core	4.3	8.7	0.22	108	0.004	0.33	<0.01	0.14	<0.5	3.69	2.1	224.7	21.42	<5	18	30938	3.369
2695595	Drill Core	17.4	11.5	0.17	1737	0.006	0.59	<0.01	0.29	<0.5	0.32	2.3	8.8	1.99	<5	11	18365	2.601
2695596	Drill Core	4.9	8.5	0.25	76	0.004	0.39	<0.01	0.17	<0.5	3.04	2.0	186.9	20.03	<5	19	22903	3.163
2695597	Drill Core	4.7	7.7	0.16	85	0.004	0.67	<0.01	0.17	<0.5	3.08	1.7	198.0	19.24	<5	18	30100	3.182
2695598	Drill Core	4.1	7.7	0.14	77	0.003	0.55	<0.01	0.14	<0.5	5.48	1.9	247.8	23.31	<5	28	17807	3.383
2695599	Drill Core	11.5	7.9	0.16	604	0.005	0.46	<0.01	0.24	<0.5	0.17	2.1	25.1	4.47	<5	16	6585	2.649
2695600	Drill Core	13.0	7.5	0.30	957	0.005	0.48	<0.01	0.26	<0.5	0.28	2.3	19.8	3.18	<5	12	5889	2.603
2695601	Drill Core	15.2	8.5	0.31	1021	0.005	0.58	<0.01	0.32	<0.5	0.09	3.0	8.2	2.23	<5	9	6524	2.605
2695602	Drill Core	14.2	7.6	0.35	940	0.005	0.55	<0.01	0.30	<0.5	0.08	3.4	10.0	2.34	<5	9	10820	2.598
2695603	Rock Pulp	7.0	24.1	1.30	258	0.136	1.64	0.20	0.19	1.1	0.52	2.9	1.2	1.74	5	4	655	
2695604	Drill Core	16.0	8.1	0.41	1600	0.005	0.57	<0.01	0.34	<0.5	0.10	3.9	9.9	2.24	<5	11	7855	2.561
2695605	Drill Core	18.0	9.2	0.43	1198	0.005	0.61	<0.01	0.35	<0.5	0.13	4.2	10.3	2.09	<5	12	6783	2.562
2695606	Drill Core	18.2	8.4	0.44	1864	0.005	0.56	<0.01	0.35	<0.5	0.11	4.2	10.4	2.12	<5	9	8797	2.622
2695607	Drill Core	19.8	9.0	0.43	1342	0.005	0.60	<0.01	0.35	<0.5	0.13	3.8	7.7	2.09	<5	8	7313	2.578

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Project: AKIE
Report Date: October 29, 2015

CERTIFICATE OF ANALYSIS VAN15002577.1

	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
2695608	Drill Core	3.35	16.1	18.1	1553.0	3581	0.8	66.8	7.5	294	1.76	10	4.7	6.2	346	23.8	4.8	<0.5	68	2.06	0.086
2695609	Drill Core	2.56	14.5	125.2	28559.3	121866	20.4	63.1	3.2	984	15.43	58	2.4	1.3	178	811.1	60.8	<0.5	62	1.57	0.030
2695610	Drill Core	1.74	18.5	48.8	13995.5	89799	16.2	62.8	4.2	784	12.16	42	3.0	1.6	130	556.8	32.0	<0.5	68	1.09	0.040
2695611	Drill Core	1.80	23.6	49.6	9755.9	45878	11.2	67.2	4.8	591	9.28	39	3.1	2.6	163	294.0	35.8	<0.5	77	1.29	0.051
2695612	Drill Core	0.86	24.1	84.6	22658.4	133649	17.4	60.6	3.6	995	12.97	37	3.7	1.3	184	824.7	73.1	<0.5	84	1.90	0.038
2695613	Pulp DUP		23.5	81.3	22503.2	133391	17.3	59.9	3.3	985	12.81	36	3.7	1.4	187	805.9	72.2	<0.5	81	1.89	0.035
2695614	Drill Core	1.36	27.7	82.2	7868.5	50585	10.0	76.3	5.3	409	10.70	50	4.6	2.5	148	319.0	64.5	<0.5	83	0.93	0.053
2695615	Drill Core	2.61	15.8	24.8	978.0	7049	1.6	68.3	7.1	232	2.88	19	4.0	5.8	138	37.3	14.0	<0.5	78	0.78	0.066
2695616	Drill Core	1.17	27.9	58.7	3388.3	13145	3.0	101.7	8.3	511	5.90	33	6.8	4.3	380	72.6	36.5	<0.5	84	1.89	0.092
2695617	Drill Core	1.56	15.6	33.9	1807.9	10943	1.9	62.6	6.1	288	3.44	22	4.7	5.2	225	62.3	21.5	<0.5	77	1.09	0.066
2695618	Drill Core	1.49	22.7	45.2	1361.6	6594	2.2	92.6	7.0	481	4.76	34	3.9	5.0	230	34.5	28.1	<0.5	89	1.49	0.062
2695619	Drill Core	1.79	15.3	9.8	597.3	5631	0.5	61.9	6.9	127	1.58	9	4.2	6.0	114	30.4	6.0	<0.5	91	0.54	0.075
2695620	Drill Core	2.29	24.3	58.0	1371.0	13018	3.6	81.6	6.3	324	6.88	35	3.8	3.8	174	70.3	45.3	<0.5	98	0.78	0.053
2695621	Drill Core	1.89	25.5	53.4	1655.5	26514	4.3	73.7	5.3	239	8.73	42	4.2	3.3	78	160.1	51.8	<0.5	100	0.45	0.048
2695622	Drill Core	2.92	30.1	55.0	1060.6	22386	3.8	84.2	5.6	350	7.74	58	3.8	2.8	130	140.6	50.4	<0.5	93	0.70	0.037
2695623	Rock Pulp	0.02	5.5	90.6	5.7	43	<0.5	14.8	8.9	568	3.54	<5	0.9	2.5	97	<0.5	<0.5	<0.5	99	1.15	0.056
2695624	Drill Core	2.00	13.7	17.0	290.0	2391	0.7	64.5	5.4	333	2.60	10	2.8	3.9	345	18.4	9.1	<0.5	85	1.40	0.069
2695625	Drill Core	0.83	18.5	40.9	329.3	34816	3.4	85.7	6.2	546	6.07	33	2.9	2.8	342	290.5	36.7	<0.5	74	2.50	0.066
2695626	Drill Core	2.74	15.3	55.6	941.5	4419	5.2	67.4	4.7	325	11.78	31	2.8	1.2	163	39.8	54.8	<0.5	80	0.88	0.027
2695627	Drill Core	2.86	12.4	35.2	1672.9	998	9.2	51.5	3.3	1145	14.99	30	1.9	<0.5	303	9.2	41.3	<0.5	65	3.79	0.024
2695628	Drill Core	1.45	4.9	14.2	2637.6	11165	20.5	20.8	0.9	2325	25.83	39	0.9	<0.5	311	89.1	17.9	<0.5	33	8.03	0.070
2695629	Drill Core	1.16	6.8	18.9	442.3	132	5.2	46.0	3.0	3602	11.11	49	3.2	1.6	725	0.9	2.8	<0.5	65	16.27	0.780
2695630	Drill Core	0.84	20.1	41.9	414.0	218	8.2	106.9	5.3	626	16.34	65	5.9	2.5	174	1.6	6.6	<0.5	65	1.95	0.328
2695631	Drill Core	1.06	3.3	39.9	306.7	524	7.5	33.9	1.7	609	29.21	13	1.5	<0.5	106	3.0	5.4	<0.5	10	3.81	0.050
2695632	Drill Core	2.68	13.2	17.2	94.2	184	1.5	42.5	3.2	1445	6.26	11	4.5	0.6	713	0.8	3.0	<0.5	31	21.74	0.052
2695633	Core DUP		12.2	17.9	108.5	201	1.3	42.2	3.5	1414	6.92	10	4.4	0.6	652	0.7	2.8	<0.5	29	21.47	0.048
2695634	Drill Core	2.19	13.6	16.8	29.1	58	0.8	42.9	3.0	785	1.95	8	3.7	1.3	627	<0.5	2.6	<0.5	38	20.99	0.014
2695635	Drill Core	1.99	6.8	19.6	33.5	69	1.0	22.4	1.5	836	4.14	6	2.3	0.8	749	<0.5	3.3	<0.5	27	23.96	0.010
2695636	Drill Core	2.44	15.8	59.4	87.5	131	2.9	56.0	2.7	785	9.91	24	6.2	0.9	656	0.7	8.7	<0.5	46	16.10	0.026
2695637	Drill Core	3.18	21.1	30.8	43.2	14	1.1	59.5	5.2	577	1.75	13	5.8	1.8	577	<0.5	4.0	<0.5	35	12.40	0.035

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Project: AKIE
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	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
2695608	Drill Core	17.1	8.6	0.50	1385	0.005	0.53	<0.01	0.29	<0.5	0.09	3.2	7.4	2.02	<5	10	7883	2.581
2695609	Drill Core	4.1	4.4	0.29	71	0.003	0.26	<0.01	0.13	<0.5	4.21	1.1	175.0	23.84	<5	28	11432	3.315
2695610	Drill Core	5.9	5.4	0.14	93	0.003	0.36	<0.01	0.16	<0.5	3.59	1.4	125.5	18.37	<5	24	19560	3.106
2695611	Drill Core	9.3	6.9	0.27	168	0.004	0.73	<0.01	0.20	<0.5	1.82	2.4	100.2	12.83	<5	34	22798	2.919
2695612	Drill Core	4.4	5.6	0.29	75	0.004	0.30	<0.01	0.15	<0.5	4.34	1.5	180.9	21.39	<5	70	18253	3.252
2695613	Pulp DUP	4.6	5.5	0.30	86	0.004	0.30	<0.01	0.14	<0.5	4.20	1.3	178.0	21.22	<5	68	17803	3.253
2695614	Drill Core	7.9	6.0	0.13	137	0.004	0.49	<0.01	0.19	<0.5	1.61	1.4	115.0	14.77	<5	59	17897	2.943
2695615	Drill Core	19.7	9.0	0.30	645	0.006	0.70	<0.01	0.31	<0.5	0.25	2.8	15.0	3.44	<5	18	20204	2.719
2695616	Drill Core	12.8	7.6	0.47	285	0.006	0.50	<0.01	0.26	<0.5	0.42	3.2	37.0	7.61	<5	49	14592	2.708
2695617	Drill Core	16.2	7.5	0.31	417	0.005	0.55	<0.01	0.27	<0.5	0.40	2.7	25.2	4.33	<5	32	19293	2.708
2695618	Drill Core	16.0	8.6	0.45	369	0.005	0.52	<0.01	0.29	<0.5	0.28	3.5	27.6	6.00	<5	34	15417	2.710
2695619	Drill Core	21.7	9.6	0.20	1861	0.005	0.61	<0.01	0.32	<0.5	0.19	2.6	6.8	1.97	<5	13	16922	2.606
2695620	Drill Core	14.3	7.8	0.27	231	0.005	0.51	<0.01	0.27	<0.5	0.57	2.5	52.2	8.47	<5	39	25163	2.747
2695621	Drill Core	12.5	7.7	0.18	175	0.004	0.66	<0.01	0.24	<0.5	1.19	2.0	69.1	11.03	<5	33	23505	2.841
2695622	Drill Core	11.5	7.0	0.18	200	0.004	0.54	<0.01	0.24	<0.5	1.48	2.6	67.5	9.91	<5	23	24245	2.821
2695623	Rock Pulp	6.6	18.4	0.78	138	0.172	1.93	0.25	0.25	0.6	<0.05	3.9	<0.5	<0.05	5	<2	612	
2695624	Drill Core	16.1	8.9	0.42	879	0.004	0.51	<0.01	0.26	<0.5	0.26	2.4	12.7	2.64	<5	16	27290	2.628
2695625	Drill Core	16.1	6.9	0.57	227	0.003	0.45	<0.01	0.22	<0.5	2.14	3.8	41.4	8.26	<5	28	32483	2.817
2695626	Drill Core	7.4	6.5	0.18	120	0.002	0.70	<0.01	0.20	<0.5	0.56	2.3	66.2	13.10	<5	43	36696	2.899
2695627	Drill Core	4.6	6.8	0.19	169	0.002	0.91	<0.01	0.13	<0.5	0.22	3.1	75.6	15.65	<5	29	82463	3.211
2695628	Drill Core	7.7	5.2	0.12	97	0.002	0.16	<0.01	0.09	<0.5	1.39	1.7	128.2	30.35	<5	13	28218	3.750
2695629	Drill Core	25.9	10.7	0.38	116	0.006	0.48	<0.01	0.20	<0.5	0.19	3.3	30.8	12.86	<5	4	34826	3.018
2695630	Drill Core	13.1	14.3	0.13	87	0.005	0.55	<0.01	0.23	<0.5	0.23	1.9	116.8	18.48	<5	4	14202	3.145
2695631	Drill Core	0.6	2.9	0.07	62	<0.001	0.09	<0.01	0.03	<0.5	0.27	0.7	145.8	30.50	<5	<2	92023	4.110
2695632	Drill Core	13.3	3.4	0.23	256	0.001	0.16	<0.01	0.06	<0.5	0.11	2.3	24.9	6.28	<5	2	47358	2.925
2695633	Core DUP	13.5	3.2	0.22	206	0.001	0.15	<0.01	0.06	<0.5	<0.05	2.3	30.6	7.26	<5	2	50577	2.896
2695634	Drill Core	10.3	3.7	0.46	1283	0.002	0.20	<0.01	0.12	<0.5	0.05	1.9	7.1	2.12	<5	5	6034	2.687
2695635	Drill Core	8.1	2.5	0.33	295	<0.001	0.11	<0.01	0.06	<0.5	0.15	1.4	6.1	4.55	<5	<2	15442	2.800
2695636	Drill Core	10.2	4.3	0.17	115	0.002	0.20	<0.01	0.12	<0.5	0.20	2.4	13.8	11.84	<5	8	14261	2.972
2695637	Drill Core	9.3	5.9	0.36	1826	0.002	0.26	<0.01	0.15	<0.5	0.08	2.0	5.1	1.81	<5	8	9746	2.649

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
2695638	Drill Core	3.59	20.7	33.0	41.4	11	0.8	69.0	5.1	373	1.80	10	6.5	2.6	469	<0.5	4.1	<0.5	52	7.66	0.040
2695639	Drill Core	3.41	19.2	33.8	56.9	9	1.4	69.4	4.9	336	2.36	11	6.3	3.3	357	<0.5	5.1	<0.5	58	4.99	0.060
2695640	Drill Core	3.89	24.2	35.3	63.7	25	1.0	84.2	5.9	472	3.11	14	7.2	2.8	503	<0.5	5.0	<0.5	55	6.45	0.052
2695641	Drill Core	3.49	25.5	45.0	93.2	15	1.5	88.4	8.5	225	3.71	19	6.3	2.7	284	<0.5	7.2	<0.5	43	3.23	0.050
2695642	Drill Core	3.59	22.5	38.4	47.7	12	1.0	82.5	6.0	315	2.63	13	6.1	3.3	345	<0.5	5.6	<0.5	56	4.52	0.047
2695643	Rock Pulp	0.02	7.8	1911.5	13654.9	16257	60.2	14.7	18.5	1629	4.22	55	0.8	2.2	84	109.5	170.5	4.3	78	1.95	0.051
2695644	Drill Core	3.19	23.6	56.2	76.2	23	1.6	69.9	5.2	404	3.28	13	8.4	2.6	497	<0.5	5.8	<0.5	58	7.69	0.032
2695645	Drill Core	3.40	20.5	38.4	47.2	19	1.0	73.5	6.1	389	2.56	14	5.6	2.7	434	<0.5	5.1	<0.5	45	5.72	0.050
2695646	Drill Core	3.62	22.5	40.9	51.4	13	1.1	93.0	10.1	160	2.84	17	6.2	4.0	143	<0.5	6.3	<0.5	52	1.33	0.063
2695647	Drill Core	3.44	22.9	39.0	35.9	12	0.8	89.6	6.3	332	2.08	13	7.2	2.6	440	<0.5	5.0	<0.5	44	5.10	0.049
2695648	Drill Core	3.58	25.6	54.3	40.4	49	0.9	109.1	7.0	138	2.71	14	7.4	2.5	185	<0.5	5.0	<0.5	48	1.55	0.051
2695649	Drill Core	2.80	28.9	38.8	34.7	13	0.9	114.5	6.0	71	1.57	15	7.5	2.0	124	<0.5	5.1	<0.5	44	0.85	0.043
2695650	Drill Core	3.16	31.3	54.9	37.9	13	0.9	146.1	6.5	118	1.79	27	8.0	2.0	201	<0.5	5.0	<0.5	51	1.78	0.044
2695651	Drill Core	2.75	26.1	46.4	33.3	10	0.9	125.5	5.8	66	1.46	15	8.4	1.6	122	<0.5	4.8	<0.5	43	0.91	0.046
2695652	Drill Core	4.31	26.1	47.4	43.1	18	1.1	123.8	6.5	142	1.97	18	8.3	2.4	192	<0.5	5.0	<0.5	43	1.98	0.041
2695653	Pulp DUP		24.7	47.5	42.0	18	1.0	120.4	5.7	137	1.96	16	8.1	2.4	192	<0.5	5.9	<0.5	45	2.00	0.040
2695654	Drill Core	3.53	25.8	35.7	36.9	68	0.9	175.9	7.7	201	1.76	28	6.7	3.1	319	0.6	4.7	<0.5	41	3.63	0.060
2695655	Drill Core	0.94	28.5	46.1	56.5	35	1.0	158.4	7.4	268	3.29	35	7.2	2.4	269	<0.5	5.6	<0.5	48	5.73	0.096
2695656	Drill Core	2.17	37.2	66.3	48.6	13	1.1	158.0	9.8	134	2.28	21	8.9	3.0	141	<0.5	6.9	<0.5	43	3.24	0.058
2695657	Drill Core	1.11	23.0	48.1	45.5	93	0.8	122.4	7.6	323	2.97	20	6.5	2.6	582	<0.5	4.5	<0.5	33	9.71	0.077
2695658	Drill Core	2.56	12.3	15.6	16.9	19	<0.5	26.8	3.6	653	1.21	6	4.0	3.8	627	<0.5	1.7	<0.5	15	14.12	0.036
2695659	Drill Core	2.27	11.5	15.9	16.9	7	<0.5	28.0	2.5	627	1.16	<5	4.4	3.9	468	<0.5	1.4	<0.5	14	13.70	0.024
2695660	Drill Core	2.45	8.0	9.6	16.2	8	<0.5	14.0	2.5	491	1.00	<5	2.3	3.2	392	<0.5	1.8	<0.5	<10	11.50	0.032
2695661	Drill Core	3.37	8.5	8.0	16.3	<5	<0.5	19.3	3.8	563	1.01	7	1.7	3.0	395	<0.5	1.5	<0.5	<10	12.29	0.034
2695662	Drill Core	3.73	12.7	9.6	17.8	7	<0.5	22.2	3.9	555	1.11	<5	4.5	3.5	411	<0.5	0.7	<0.5	<10	13.61	0.043
2695663	Rock Pulp	0.02	4.0	100.1	4.3	51	<0.5	14.4	9.1	524	3.52	<5	0.9	2.8	87	<0.5	<0.5	<0.5	99	1.12	0.055
2695664	Drill Core	3.63	17.7	14.1	18.9	<5	<0.5	33.7	3.6	602	1.16	6	5.4	3.7	350	<0.5	0.8	<0.5	15	12.26	0.037
2695665	Drill Core	4.06	8.9	18.3	19.0	<5	<0.5	31.9	4.7	492	1.26	5	2.3	4.4	334	<0.5	1.2	<0.5	15	10.29	0.047

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Project: AKIE
Report Date: October 29, 2015

CERTIFICATE OF ANALYSIS VAN15002577.1

	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
2695638	Drill Core	12.8	7.1	0.78	1470	0.003	0.29	<0.01	0.17	<0.5	0.11	2.6	3.9	1.76	<5	5	13600	2.646
2695639	Drill Core	11.7	7.3	0.80	811	0.004	0.33	<0.01	0.20	<0.5	0.13	2.9	7.7	2.51	<5	2	15241	2.630
2695640	Drill Core	13.1	7.4	0.88	563	0.003	0.31	<0.01	0.18	<0.5	0.11	3.2	7.2	3.35	<5	3	13412	2.654
2695641	Drill Core	12.7	6.8	0.32	387	0.004	0.36	<0.01	0.21	<0.5	0.14	2.5	7.7	4.16	<5	3	13889	2.607
2695642	Drill Core	13.3	7.3	0.71	702	0.003	0.34	<0.01	0.20	<0.5	0.14	3.1	5.4	2.83	<5	7	16317	2.602
2695643	Rock Pulp	7.0	25.3	1.25	239	0.135	1.60	0.19	0.22	1.2	0.42	2.9	1.1	1.75	6	4	607	
2695644	Drill Core	13.0	6.6	0.70	431	0.003	0.31	<0.01	0.17	<0.5	0.11	2.5	6.5	3.64	<5	4	14551	2.613
2695645	Drill Core	15.9	7.1	0.73	735	0.003	0.33	<0.01	0.19	<0.5	0.16	3.0	3.7	2.70	<5	6	14827	2.654
2695646	Drill Core	16.2	10.3	0.48	559	0.004	0.46	<0.01	0.28	<0.5	0.26	3.3	5.5	3.02	<5	7	21677	2.623
2695647	Drill Core	15.5	5.5	0.66	1026	0.003	0.27	<0.01	0.14	<0.5	0.06	3.5	3.4	2.15	<5	7	14259	2.614
2695648	Drill Core	10.2	6.4	0.45	643	0.003	0.35	<0.01	0.16	<0.5	0.10	1.5	3.9	2.88	<5	6	15177	2.673
2695649	Drill Core	9.4	5.6	0.11	2249	0.003	0.29	<0.01	0.14	<0.5	0.07	1.5	3.5	1.68	<5	5	9914	2.607
2695650	Drill Core	8.2	6.3	0.20	1921	0.003	0.26	<0.01	0.14	<0.5	0.07	1.7	4.3	1.96	<5	10	9569	2.593
2695651	Drill Core	8.0	7.4	0.12	1210	0.003	0.22	<0.01	0.13	<0.5	0.12	1.2	3.4	1.53	<5	4	7621	2.578
2695652	Drill Core	9.4	6.7	0.43	1400	0.003	0.26	<0.01	0.16	<0.5	0.07	2.0	3.7	2.15	<5	11	10740	2.614
2695653	Pulp DUP	9.7	5.9	0.43	1404	0.002	0.25	<0.01	0.16	<0.5	0.16	1.9	4.0	2.11	<5	7	10638	2.610
2695654	Drill Core	12.0	6.4	0.76	1313	0.003	0.26	<0.01	0.16	<0.5	0.16	2.5	4.3	1.85	<5	14	12705	2.606
2695655	Drill Core	16.8	6.2	0.47	879	0.004	0.31	<0.01	0.19	<0.5	0.16	2.8	4.5	3.78	<5	18	11265	2.624
2695656	Drill Core	13.6	5.4	0.42	1225	0.003	0.31	<0.01	0.19	<0.5	0.12	2.4	4.7	2.57	<5	11	11791	2.616
2695657	Drill Core	10.1	6.1	0.88	967	0.003	0.24	<0.01	0.13	<0.5	0.27	3.7	3.1	3.32	<5	12	10876	2.612
2695658	Drill Core	9.7	4.8	3.74	530	0.002	0.15	<0.01	0.11	<0.5	0.14	3.4	1.3	1.10	<5	3	10586	2.721
2695659	Drill Core	11.8	6.0	3.94	502	0.003	0.19	<0.01	0.11	<0.5	0.05	3.3	1.2	1.00	<5	<2	7224	2.719
2695660	Drill Core	9.0	3.9	2.64	774	0.002	0.18	<0.01	0.11	<0.5	0.09	3.6	1.0	0.95	<5	3	8233	2.672
2695661	Drill Core	9.9	3.8	2.76	783	0.003	0.21	<0.01	0.14	<0.5	<0.05	3.5	0.8	0.97	<5	3	6785	2.673
2695662	Drill Core	11.2	5.2	2.54	808	0.002	0.18	<0.01	0.12	<0.5	<0.05	2.9	0.7	1.07	<5	3	7568	2.739
2695663	Rock Pulp	6.2	17.8	0.79	126	0.172	1.85	0.22	0.23	0.6	<0.05	4.1	<0.5	<0.05	5	2	566	
2695664	Drill Core	12.0	5.3	2.60	406	0.003	0.19	<0.01	0.12	<0.5	0.14	3.2	1.0	1.08	<5	2	7020	2.662
2695665	Drill Core	13.0	5.6	2.06	615	0.002	0.23	<0.01	0.15	<0.5	<0.05	4.6	0.7	1.22	<5	<2	10981	2.675

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Project: AKIE
Report Date: October 29, 2015

QUALITY CONTROL REPORT VAN15002577.1

	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																					
2695524	Drill Core	2.01	24.3	56.7	164.3	638	3.8	85.0	7.3	120	7.09	56	2.3	5.3	102	5.6	15.4	<0.5	71	0.49	0.064
REP 2695524	QC																				
2695550	Drill Core	2.18	37.1	38.5	38.0	6665	2.7	108.9	9.3	31	2.43	32	7.6	6.5	140	36.4	6.0	<0.5	135	0.45	0.150
REP 2695550	QC		36.4	37.8	39.9	6678	2.7	106.5	8.9	31	2.42	32	7.1	6.1	149	35.4	6.1	<0.5	138	0.45	0.147
2695559	Drill Core	2.50	30.6	43.1	1225.8	10436	5.0	90.9	4.7	307	14.25	87	2.1	1.4	389	50.8	15.5	<0.5	71	1.02	0.045
REP 2695559	QC																				
2695579	Drill Core	2.60	20.6	47.7	23692.5	86687	11.8	70.1	5.0	407	7.28	33	3.3	1.0	703	595.2	19.3	<0.5	91	1.20	0.040
REP 2695579	QC		19.9	47.7	23735.1	89018	11.9	65.1	4.4	406	7.32	34	3.3	1.2	694	599.9	19.4	<0.5	86	1.22	0.041
2695585	Drill Core	2.65	25.9	38.9	9184.0	47621	11.4	71.7	4.4	449	13.52	68	3.4	1.4	472	293.3	16.7	<0.5	76	0.98	0.044
REP 2695585	QC		25.2	37.9	9040.2	47646	11.2	69.1	4.0	436	13.55	67	3.4	1.4	456	296.9	17.1	<0.5	77	0.98	0.045
2695594	Drill Core	2.00	26.3	51.9	23471.8	110374	20.9	64.8	3.4	578	14.24	65	4.1	1.5	355	657.9	20.1	<0.5	81	1.06	0.034
REP 2695594	QC																				
2695621	Drill Core	1.89	25.5	53.4	1655.5	26514	4.3	73.7	5.3	239	8.73	42	4.2	3.3	78	160.1	51.8	<0.5	100	0.45	0.048
REP 2695621	QC		26.0	53.8	1736.0	26920	4.3	74.9	5.8	238	8.72	42	4.2	3.2	80	156.8	52.7	<0.5	101	0.45	0.046
2695630	Drill Core	0.84	20.1	41.9	414.0	218	8.2	106.9	5.3	626	16.34	65	5.9	2.5	174	1.6	6.6	<0.5	65	1.95	0.328
REP 2695630	QC																				
2695656	Drill Core	2.17	37.2	66.3	48.6	13	1.1	158.0	9.8	134	2.28	21	8.9	3.0	141	<0.5	6.9	<0.5	43	3.24	0.058
REP 2695656	QC		34.4	64.5	46.1	12	1.1	151.7	9.8	131	2.27	21	8.5	2.6	140	<0.5	5.5	<0.5	45	3.22	0.051
2695665	Drill Core	4.06	8.9	18.3	19.0	<5	<0.5	31.9	4.7	492	1.26	5	2.3	4.4	334	<0.5	1.2	<0.5	15	10.29	0.047
REP 2695665	QC		7.0	15.7	18.5	6	<0.5	34.0	4.8	501	1.30	6	2.5	4.5	334	<0.5	1.2	<0.5	17	10.39	0.043
Core Reject Duplicates																					
2695544	Drill Core	1.84	33.0	44.6	419.3	1964	5.8	97.9	4.8	277	16.23	96	1.7	1.5	62	13.7	17.3	<0.5	44	0.52	0.040
DUP 2695544	QC		32.8	44.6	447.2	2036	5.9	97.1	4.5	267	15.99	95	1.8	1.7	74	15.0	18.5	<0.5	45	0.49	0.042
2695578	Drill Core	1.23	14.9	26.4	4775.1	2697	1.5	79.6	7.8	94	1.59	13	2.6	4.5	558	16.0	5.4	<0.5	40	0.28	0.065
DUP 2695578	QC		12.7	25.0	4738.4	2575	1.8	78.7	5.8	97	1.70	12	2.7	5.4	569	16.2	5.1	<0.5	103	0.27	0.066
2695646	Drill Core	3.62	22.5	40.9	51.4	13	1.1	93.0	10.1	160	2.84	17	6.2	4.0	143	<0.5	6.3	<0.5	52	1.33	0.063
DUP 2695646	QC		22.8	40.4	49.5	12	1.1	91.0	10.5	146	2.73	16	5.6	3.9	138	<0.5	6.8	<0.5	39	1.27	0.060
Reference Materials																					

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QUALITY CONTROL REPORT VAN15002577.1

	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																		
2695524	Drill Core	21.4	12.9	0.07	246	0.007	0.75	<0.01	0.38	<0.5	0.31	1.9	6.0	8.21	<5	12	7671	2.797
REP 2695524	QC																7918	
2695550	Drill Core	26.9	14.1	0.05	748	0.006	0.65	<0.01	0.31	<0.5	0.38	2.1	6.3	3.10	<5	19	10498	2.564
REP 2695550	QC	26.4	14.5	0.05	710	0.006	0.65	<0.01	0.32	<0.5	0.33	2.7	6.2	3.09	<5	18		
2695559	Drill Core	7.1	9.1	0.14	137	0.004	0.51	<0.01	0.17	<0.5	0.56	2.0	64.4	16.23	<5	15	25607	3.106
REP 2695559	QC																25789	
2695579	Drill Core	5.7	9.7	0.21	183	0.003	0.92	<0.01	0.10	<0.5	2.36	4.4	127.8	11.63	<5	19	70201	3.144
REP 2695579	QC	5.7	8.6	0.23	213	0.003	0.92	<0.01	0.11	<0.5	2.03	5.0	129.1	11.80	<5	17		
2695585	Drill Core	5.3	10.3	0.19	113	0.004	0.41	<0.01	0.19	<0.5	1.50	2.3	170.3	17.50	<5	18	32815	3.173
REP 2695585	QC	5.1	9.5	0.19	87	0.005	0.41	<0.01	0.19	<0.5	1.36	2.3	171.6	17.36	<5	17		
2695594	Drill Core	4.3	8.7	0.22	108	0.004	0.33	<0.01	0.14	<0.5	3.69	2.1	224.7	21.42	<5	18	30938	3.369
REP 2695594	QC																30970	
2695621	Drill Core	12.5	7.7	0.18	175	0.004	0.66	<0.01	0.24	<0.5	1.19	2.0	69.1	11.03	<5	33	23505	2.841
REP 2695621	QC	12.9	8.1	0.18	187	0.005	0.66	<0.01	0.26	<0.5	1.28	2.0	70.5	11.04	<5	35		
2695630	Drill Core	13.1	14.3	0.13	87	0.005	0.55	<0.01	0.23	<0.5	0.23	1.9	116.8	18.48	<5	4	14202	3.145
REP 2695630	QC																14107	
2695656	Drill Core	13.6	5.4	0.42	1225	0.003	0.31	<0.01	0.19	<0.5	0.12	2.4	4.7	2.57	<5	11	11791	2.616
REP 2695656	QC	13.2	5.1	0.40	1161	0.002	0.30	<0.01	0.18	<0.5	0.18	2.1	4.2	2.56	<5	16		
2695665	Drill Core	13.0	5.6	2.06	615	0.002	0.23	<0.01	0.15	<0.5	<0.05	4.6	0.7	1.22	<5	<2	10981	2.675
REP 2695665	QC	14.3	5.2	2.08	623	0.003	0.25	<0.01	0.15	<0.5	0.10	4.5	0.8	1.26	<5	<2	10933	
Core Reject Duplicates																		
2695544	Drill Core	7.3	8.4	0.12	81	0.004	0.99	<0.01	0.18	<0.5	0.80	1.9	24.2	18.62	<5	15	21374	3.112
DUP 2695544	QC	8.6	8.5	0.12	153	0.004	1.00	<0.01	0.19	<0.5	0.87	2.0	25.7	18.49	<5	14	22372	3.122
2695578	Drill Core	16.4	5.7	0.27	3284	0.002	0.60	<0.01	0.12	<0.5	0.13	7.1	14.0	1.47	<5	11	58772	2.728
DUP 2695578	QC	19.9	9.4	0.28	3391	0.005	0.77	<0.01	0.21	<0.5	0.10	7.1	15.4	1.44	<5	10	57053	2.723
2695646	Drill Core	16.2	10.3	0.48	559	0.004	0.46	<0.01	0.28	<0.5	0.26	3.3	5.5	3.02	<5	7	21677	2.623
DUP 2695646	QC	13.6	7.3	0.50	586	0.003	0.41	<0.01	0.25	<0.5	0.11	3.0	5.2	2.97	<5	10	22062	2.637
Reference Materials																		

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		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 GBM398-4-AR	Standard		943.8	3992.7	12227.2	5691	49.6	4289.7	2011.3	5334	3.63	7	0.6	0.8	9	8.5	6.8	12.8	39	0.33	0.019
STD GBM398-4-AR	Standard		940.5	3961.9	11831.2	5356	50.2	4243.8	2136.4	5250	3.79	7	0.7	0.8	12	8.5	6.7	12.2	24	0.36	0.020
STD GBM398-4-AR	Standard		940.2	3947.5	12062.0	5651	49.4	4259.9	2037.3	5197	3.66	6	0.7	0.9	14	9.0	6.7	12.9	40	0.34	0.020
STD GBM398-4-AR	Standard		953.3	4018.6	11643.8	5521	49.6	4319.4	2144.1	5360	3.93	5	0.7	0.8	11	8.9	6.8	12.8	27	0.31	0.015
STD GBM398-4-AR	Standard		926.8	4043.5	11868.5	5568	48.9	4231.2	2037.4	5403	3.86	6	0.6	0.7	10	7.7	7.4	11.5	25	0.33	0.020
STD GBM398-4-AR	Standard		928.1	3880.5	11680.3	5502	48.9	4088.5	2105.0	5143	3.70	6	0.5	0.6	13	7.1	6.0	10.7	42	0.34	0.019
STD OREAS927-AR	Standard		0.9	11101.0	234.6	739	4.4	28.1	29.6	1051	8.23	13	1.8	13.6	12	0.9	1.1	69.9	41	0.33	0.055
STD OREAS927-AR	Standard		1.1	10853.2	225.5	731	5.5	31.1	30.8	1070	8.13	12	1.7	12.5	12	1.0	1.2	68.6	33	0.29	0.054
STD OREAS927-AR	Standard		1.0	10913.0	217.4	737	4.1	28.5	30.2	1080	8.03	13	1.6	13.4	13	1.1	1.3	66.3	42	0.30	0.054
STD OREAS927-AR	Standard		1.5	10772.0	215.2	746	5.3	31.5	31.4	1092	8.22	14	1.5	12.0	13	0.8	1.9	63.5	36	0.27	0.044
STD OREAS927-AR	Standard		1.1	10761.5	202.6	747	5.0	28.2	28.9	1164	8.14	12	1.5	11.4	9	1.0	1.0	59.1	35	0.29	0.046
STD OREAS927-AR	Standard		1.1	10714.4	254.8	711	5.2	30.9	32.2	1123	7.92	12	1.7	11.6	14	0.6	1.3	58.9	33	0.33	0.052
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
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STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18 Expected																					
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02
STD OREAS927-AR			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
BLK	Blank																				
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BLK	Blank																				

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE

Report Date: October 29, 2015

QUALITY CONTROL REPORT VAN15002577.1

		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
STD GBM398-4-AR	Standard	2.5	2032.6	0.13	20	0.112	0.50	0.25	0.10	3.0	3.29	2.0	<0.5	0.92	<5	3		
STD GBM398-4-AR	Standard	2.6	2125.5	0.13	19	0.111	0.48	0.27	0.11	3.1	3.25	1.6	<0.5	0.94	<5	3		
STD GBM398-4-AR	Standard	2.6	2036.2	0.13	21	0.112	0.48	0.25	0.10	3.3	3.14	1.7	0.7	0.91	<5	3		
STD GBM398-4-AR	Standard	2.3	2022.9	0.11	16	0.115	0.50	0.24	0.10	3.1	3.02	2.1	<0.5	0.94	<5	6		
STD GBM398-4-AR	Standard	2.6	2074.8	0.14	19	0.113	0.49	0.25	0.13	2.6	3.03	1.5	<0.5	0.96	<5	4		
STD GBM398-4-AR	Standard	2.4	2042.5	0.11	15	0.110	0.49	0.25	0.11	3.0	3.05	2.4	<0.5	0.89	<5	4		
STD OREAS927-AR	Standard	27.8	42.2	1.95	50	0.088	3.32	<0.01	0.29	5.0	0.10	4.2	<0.5	1.74	10	16		
STD OREAS927-AR	Standard	28.0	43.1	1.96	49	0.085	3.25	<0.01	0.27	4.7	0.11	4.2	<0.5	1.79	9	15		
STD OREAS927-AR	Standard	26.5	41.8	1.93	49	0.089	3.27	<0.01	0.28	4.7	0.12	4.5	<0.5	1.71	9	17		
STD OREAS927-AR	Standard	25.1	41.1	1.88	41	0.084	3.13	<0.01	0.25	4.3	0.15	4.6	<0.5	1.78	8	19		
STD OREAS927-AR	Standard	25.2	42.6	1.89	45	0.085	3.20	<0.01	0.28	4.4	0.12	4.2	<0.5	1.77	8	12		
STD OREAS927-AR	Standard	26.1	40.9	1.91	49	0.089	3.22	<0.01	0.29	4.8	0.11	4.8	<0.5	1.68	10	18		
STD SO-18	Standard																500	
STD SO-18	Standard																494	
STD SO-18	Standard																493	
STD SO-18	Standard																491	
STD SO-18	Standard																504	
STD SO-18	Standard																501	
STD SO-18	Standard																473	
STD SO-18	Standard																482	
STD SO-18	Standard																448	
STD SO-18	Standard																478	
STD SO-18 Expected																	515	
STD GBM398-4-AR		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		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																<10	
BLK	Blank																<10	

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 29, 2015

QUALITY CONTROL REPORT VAN15002577.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
BLK	Blank		<0.5	<0.5	2.7	10	<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	<0.01	<0.001
BLK	Blank		<0.5	<0.5	1.6	9	<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	0.7	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
Prep Wash																					
ROCK-VAN	Prep Blank		1.2	9.8	1.4	35	<0.5	1.4	4.4	544	1.92	<5	0.5	2.4	38	<0.5	<0.5	<0.5	28	0.75	0.047
ROCK-VAN	Prep Blank		1.0	6.8	1.4	35	<0.5	0.9	3.7	514	1.87	<5	0.6	2.5	38	<0.5	<0.5	<0.5	27	0.73	0.043

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 29, 2015

QUALITY CONTROL REPORT VAN15002577.1

		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	<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																<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		
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	0.9	<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		
Prep Wash																		
ROCK-VAN	Prep Blank	7.2	4.2	0.48	103	0.118	1.14	0.18	0.16	<0.5	<0.05	4.7	<0.5	<0.05	<5	<2	843	2.676
ROCK-VAN	Prep Blank	7.9	3.4	0.46	99	0.117	1.11	0.18	0.15	<0.5	<0.05	3.9	<0.5	<0.05	<5	<2	831	2.676

MINERAL LABORATORIES
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Bureau Veritas Commodities Canada Ltd.
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By:	Nicholas Johnson
Receiving Lab:	Canada-Vancouver
Received:	October 05, 2015
Report Date:	November 03, 2015
Page:	1 of 3

CERTIFICATE OF ANALYSIS VAN15002621.1

CLIENT JOB INFORMATION

Project:	AKIE
Shipment ID:	HOLE 131
P.O. Number	
Number of Samples:	54

SAMPLE DISPOSAL

RTRN-PLP	Return
DISP-RJT	Dispose of Reject After 90 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	49	Crush, split and pulverize 250 g rock to 200 mesh			VAN
PUL85	2	Pulverize to 85% passing 200 mesh			VAN
SPTRF	2	Split samples by riffle splitter			VAN
AQ270	54	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF301	54	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
SPG01	52	Specific Gravity on Pulp		Completed	VAN
AQ371	1	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: November 03, 2015

CERTIFICATE OF ANALYSIS VAN15002621.1

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
2695666	Drill Core	3.43	37.8	41.9	32.8	817	0.6	81.0	11.8	100	2.79	27	10.9	5.4	197	9.1	7.9	<0.5	30	1.37	0.056
2695667	Drill Core	3.47	33.7	39.4	42.3	978	0.7	81.1	11.2	95	2.62	28	10.1	5.5	144	9.9	7.9	<0.5	33	1.00	0.053
2695668	Drill Core	1.20	30.6	77.7	3900.2	34604	3.9	77.5	6.4	272	8.06	53	5.1	2.2	266	194.6	32.0	<0.5	41	0.94	0.016
2695669	Drill Core	4.50	33.5	84.4	5348.9	37965	8.1	88.3	3.9	422	11.86	84	2.8	1.2	699	224.6	49.4	<0.5	41	1.81	0.028
2695670	Drill Core	3.41	10.6	18.9	927.1	4682	0.8	64.3	7.6	271	2.11	14	2.1	5.1	502	27.1	4.8	<0.5	37	1.51	0.056
2695671	Drill Core	4.10	13.6	14.1	1430.4	2468	0.6	72.1	8.5	117	1.69	12	2.6	6.2	188	16.6	3.7	<0.5	49	0.73	0.082
2695672	Drill Core	4.30	13.8	21.7	1872.7	2925	1.0	74.8	7.4	116	1.74	14	3.0	5.5	325	18.6	4.4	<0.5	47	0.68	0.063
2695673	Core DUP		13.8	21.3	1880.4	2914	1.0	73.0	7.7	118	1.73	15	3.1	5.6	318	19.2	4.6	<0.5	53	0.69	0.065
2695674	Drill Core	4.65	32.1	74.5	6716.6	50272	10.4	82.3	4.1	453	13.23	83	2.1	0.6	648	283.4	39.9	<0.5	42	1.80	0.017
2695675	Drill Core	4.25	22.4	37.9	8961.9	62926	8.8	69.1	4.4	432	10.75	57	2.1	0.8	661	366.1	20.0	<0.5	46	1.67	0.015
2695676	Drill Core	4.87	18.7	33.5	7355.8	43059	7.3	66.5	4.7	360	9.80	52	2.3	1.1	960	243.7	14.5	<0.5	48	1.61	0.030
2695677	Drill Core	3.25	27.1	37.1	10308.3	51669	7.1	87.6	5.8	385	8.69	43	5.4	1.4	766	293.4	13.4	<0.5	81	1.21	0.074
2695678	Drill Core	2.86	29.3	57.0	11128.5	84973	13.3	69.4	3.1	801	14.53	83	2.7	<0.5	464	476.0	23.5	<0.5	37	1.61	0.028
2695679	Drill Core	3.26	19.4	24.6	3334.1	5617	1.7	92.4	7.6	179	1.82	15	4.0	3.2	446	31.8	3.3	<0.5	74	0.65	0.068
2695680	Drill Core	2.39	27.8	59.7	11570.4	86793	14.4	71.8	3.5	728	14.53	73	2.5	<0.5	438	493.4	21.9	<0.5	45	1.80	0.013
2695681	Drill Core	2.77	9.5	18.6	1161.1	2174	1.1	63.2	7.2	212	1.86	12	1.6	2.5	468	12.8	2.1	<0.5	51	0.65	0.016
2695682	Drill Core	1.65	24.2	30.0	8415.9	16604	4.8	91.9	6.2	287	4.33	28	4.6	1.2	1155	101.5	6.8	<0.5	64	2.27	0.023
2695683	Rock Pulp	0.02	7.9	1896.4	13101.5	15680	60.7	15.0	17.6	1498	4.29	62	0.9	2.3	74	125.4	160.6	5.0	74	1.99	0.051
2695684	Drill Core	3.28	21.5	24.2	5006.8	6387	2.5	101.9	8.0	195	2.14	22	3.6	2.0	448	40.7	3.5	<0.5	78	0.75	0.023
2695685	Drill Core	3.67	27.8	50.7	11522.8	87858	16.8	69.5	3.3	618	14.47	70	2.6	<0.5	123	542.6	16.3	<0.5	44	1.45	0.021
2695686	Drill Core	3.01	30.8	44.1	26314.6	89452	15.2	88.7	4.4	387	10.25	65	2.6	0.8	397	642.4	14.6	<0.5	53	0.61	0.039
2695687	Drill Core	4.46	27.0	59.1	29648.1	107699	19.6	67.4	2.9	542	14.01	74	3.2	<0.5	311	776.4	17.0	<0.5	49	1.38	0.041
2695688	Drill Core	3.58	9.2	18.8	1477.4	2208	1.6	66.4	6.8	67	1.81	16	3.0	3.9	152	14.2	1.7	<0.5	59	0.30	0.083
2695689	Drill Core	1.73	13.1	23.0	1214.9	3009	2.7	76.6	7.2	77	2.34	24	3.0	4.0	173	20.5	2.6	<0.5	63	0.36	0.084
2695690	Drill Core	5.43	21.9	52.7	25019.4	142358	22.1	51.4	2.1	652	13.24	63	2.5	<0.5	291	786.4	12.4	<0.5	45	1.59	0.033
2695691	Drill Core	2.88	31.7	19.1	2946.6	7156	2.2	103.8	7.8	222	2.06	14	6.6	3.6	871	40.1	2.1	<0.5	93	1.50	0.162
2695692	Drill Core	4.52	15.5	57.0	27761.4	152384	21.3	43.9	2.3	417	11.45	45	1.9	<0.5	470	809.5	9.6	<0.5	26	1.10	0.030
2695693	Pulp DUP		15.3	55.2	26933.1	155366	21.4	42.6	2.5	421	11.67	46	1.9	<0.5	463	806.1	9.6	<0.5	26	1.12	0.029
2695694	Drill Core	3.41	13.0	44.2	20787.8	121919	18.3	48.4	3.8	273	8.79	36	1.9	0.8	449	650.4	5.5	<0.5	38	0.97	0.045
2695695	Drill Core	3.85	17.8	70.2	28953.4	157780	32.0	43.7	2.4	526	12.30	51	2.1	<0.5	462	935.9	12.5	<0.5	33	1.84	0.040

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Project: AKIE
Report Date: November 03, 2015

CERTIFICATE OF ANALYSIS VAN15002621.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb
	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	0.01
2695666	Drill Core	18.2	5.1	0.25	1074	0.003	0.39	<0.01	0.20	<0.5	0.19	2.8	8.5	3.19	<5	6	5887	2.465	
2695667	Drill Core	15.9	4.8	0.19	1060	0.003	0.37	<0.01	0.20	<0.5	0.20	2.1	9.9	3.06	<5	6	5596	2.493	
2695668	Drill Core	5.4	5.6	0.18	95	0.001	0.26	<0.01	0.12	0.7	1.97	1.9	75.9	10.91	<5	32	24114	2.816	
2695669	Drill Core	3.3	4.6	0.16	88	0.002	0.24	<0.01	0.11	0.7	1.09	1.3	130.0	15.16	<5	32	32694	2.994	
2695670	Drill Core	7.0	5.3	0.22	699	0.003	0.39	<0.01	0.22	<0.5	0.15	1.9	9.9	2.50	<5	8	22850	2.701	
2695671	Drill Core	8.1	6.4	0.19	1693	0.004	0.46	<0.01	0.24	<0.5	0.07	2.4	6.6	2.05	<5	10	12054	2.622	
2695672	Drill Core	7.8	6.4	0.18	901	0.003	0.41	<0.01	0.20	<0.5	0.07	2.1	7.9	2.09	<5	13	18862	2.714	
2695673	Core DUP	8.2	6.9	0.18	1009	0.004	0.48	<0.01	0.24	<0.5	0.08	2.0	8.1	2.08	<5	13	18862	2.699	
2695674	Drill Core	2.4	5.9	0.21	92	0.001	0.23	<0.01	0.07	0.5	1.05	3.5	163.6	16.74	<5	25	56003	3.179	
2695675	Drill Core	2.1	6.9	0.16	90	0.003	0.30	<0.01	0.11	<0.5	1.52	3.0	165.6	15.00	<5	17	47946	3.112	
2695676	Drill Core	2.0	8.2	0.22	129	0.002	0.38	<0.01	0.11	<0.5	1.14	3.8	143.6	12.77	<5	12	59165	3.043	
2695677	Drill Core	1.7	8.5	0.22	147	0.003	0.57	<0.01	0.14	<0.5	1.26	2.8	135.2	11.49	<5	18	54757	2.936	
2695678	Drill Core	1.0	7.0	0.33	131	0.001	0.34	<0.01	0.05	<0.5	2.12	2.9	281.3	19.41	<5	21	71857	3.381	
2695679	Drill Core	2.0	9.1	0.17	1002	0.004	0.47	<0.01	0.23	<0.5	0.24	3.3	17.8	1.99	<5	11	35292	2.648	
2695680	Drill Core	0.9	9.0	0.15	62	0.002	0.19	<0.01	0.07	<0.5	2.07	2.5	272.1	20.12	5	20	59057	3.368	
2695681	Drill Core	1.9	7.7	0.16	923	0.004	0.48	<0.01	0.26	<0.5	<0.05	4.5	18.9	1.97	<5	5	36836	2.691	
2695682	Drill Core	0.9	7.8	0.19	210	0.002	0.33	<0.01	0.17	<0.5	0.40	3.8	58.6	5.63	<5	18	60774	2.822	
2695683	Rock Pulp	7.0	23.7	1.33	242	0.132	1.60	0.19	0.19	1.2	0.52	2.8	0.9	1.77	<5	4	647	I.S.	
2695684	Drill Core	1.0	8.7	0.16	764	0.003	0.45	<0.01	0.22	<0.5	0.18	4.3	24.2	2.49	<5	15	35924	2.623	
2695685	Drill Core	0.6	8.5	0.24	81	0.002	0.22	<0.01	0.07	<0.5	2.35	2.7	267.0	19.83	<5	15	64151	3.370	
2695686	Drill Core	1.1	8.2	0.18	92	0.003	0.27	<0.01	0.14	<0.5	2.29	2.7	189.0	15.79	<5	18	32549	3.182	
2695687	Drill Core	0.7	7.3	0.21	74	0.003	0.18	<0.01	0.08	<0.5	2.49	1.5	259.6	20.51	5	17	44333	3.399	
2695688	Drill Core	2.3	10.1	0.16	1157	0.004	0.53	<0.01	0.26	<0.5	0.13	3.6	15.6	2.00	<5	5	19882	2.699	
2695689	Drill Core	2.1	10.9	0.19	849	0.004	0.50	<0.01	0.25	<0.5	0.14	4.6	28.8	2.50	<5	6	26714	2.749	
2695690	Drill Core	0.6	8.9	0.18	52	0.001	0.13	<0.01	0.06	<0.5	3.65	2.3	301.9	21.36	<5	14	81867	3.613	
2695691	Drill Core	3.4	11.3	0.20	1203	0.005	0.50	<0.01	0.24	<0.5	0.21	4.0	20.4	1.71	<5	8	50430	2.676	
2695692	Drill Core	0.8	5.7	0.21	55	0.001	0.12	<0.01	0.06	<0.5	4.22	2.2	252.8	19.82	<5	9	92364	3.580	
2695693	Pulp DUP	0.8	6.3	0.21	58	0.001	0.11	<0.01	0.05	<0.5	4.22	1.8	247.4	20.23	<5	11	93481	3.577	
2695694	Drill Core	1.1	7.8	0.15	79	0.002	0.23	<0.01	0.12	<0.5	3.41	2.6	187.6	15.19	<5	7	68722	3.270	
2695695	Drill Core	0.9	4.4	0.17	55	0.001	0.13	<0.01	0.06	<0.5	4.38	1.5	283.7	20.85	<5	11	96340	3.654	

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Project: AKIE
Report Date: November 03, 2015

CERTIFICATE OF ANALYSIS VAN15002621.1

	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
2695696	Drill Core	2.53	9.1	23.5	13863.6	64037	9.5	47.4	4.9	221	4.75	16	2.2	2.9	492	344.4	3.3	<0.5	38	0.77	0.054
2695697	Drill Core	2.70	8.3	11.5	417.0	196	1.2	61.4	7.4	220	2.14	7	2.1	5.5	401	1.0	0.9	<0.5	44	0.85	0.074
2695698	Drill Core	4.66	17.2	49.1	17708.9	98639	29.6	52.7	3.6	378	9.89	47	2.3	0.6	430	650.4	9.7	<0.5	35	1.86	0.041
2695699	Drill Core	4.70	16.3	55.5	22403.0	121301	31.4	53.3	3.5	240	9.78	42	2.7	0.7	435	813.0	7.7	<0.5	45	1.15	0.044
2695700	Drill Core	5.64	8.1	68.3	>40000	42799	20.4	25.5	1.4	55	4.11	17	1.1	<0.5	1648	596.2	4.8	<0.5	18	0.35	0.008
2695701	Drill Core	3.71	9.6	85.7	404.2	4568	9.7	62.9	6.4	58	3.65	22	2.7	2.9	687	39.3	3.5	<0.5	46	0.62	0.021
2695702	Drill Core	5.45	7.8	146.2	6134.9	8151	10.8	34.1	1.0	25	2.59	18	0.8	0.9	2179	127.1	9.3	<0.5	26	0.22	0.012
2695703	Rock Pulp	0.02	5.4	95.9	6.0	46	<0.5	15.5	9.2	577	3.45	<5	1.1	3.1	91	<0.5	<0.5	<0.5	97	1.06	0.059
2695704	Drill Core	5.46	2.5	126.2	762.5	1776	2.4	13.4	0.8	34	1.51	9	<0.5	<0.5	3274	30.1	3.4	<0.5	<10	0.34	0.001
2695705	Drill Core	2.84	11.2	42.2	410.2	56	2.7	75.1	8.0	231	2.55	21	2.5	6.0	1049	0.7	3.0	<0.5	57	1.72	0.089
2695706	Drill Core	4.02	16.6	93.4	1829.6	1703	12.9	73.8	4.9	384	9.03	36	2.0	1.5	389	17.5	9.3	<0.5	62	2.25	0.043
2695707	Drill Core	2.80	17.8	51.6	1572.1	15113	20.5	63.2	4.3	538	10.86	48	2.5	1.3	482	105.2	18.7	<0.5	46	2.67	0.040
2695708	Drill Core	2.73	14.7	47.8	753.4	428	11.1	67.5	5.2	379	6.87	36	2.6	3.9	272	3.0	17.3	<0.5	56	1.78	0.051
2695709	Drill Core	3.92	10.9	31.5	260.0	143	1.9	76.1	8.1	162	1.89	17	2.2	6.8	177	0.9	6.7	<0.5	69	0.88	0.071
2695710	Drill Core	3.19	16.5	67.3	536.0	139	6.6	71.5	5.4	343	5.51	38	2.2	3.5	406	1.0	20.2	<0.5	54	2.18	0.043
2695711	Drill Core	3.38	41.0	65.1	144.5	718	1.6	106.7	11.9	148	2.87	23	11.3	4.0	96	5.4	8.6	<0.5	39	0.82	0.059
2695712	Drill Core	3.49	52.3	92.8	172.8	2143	1.5	120.4	12.7	99	2.81	27	13.2	4.4	40	12.3	8.1	<0.5	47	0.36	0.037
2695713	Core DUP		54.0	93.9	177.6	2121	1.5	122.4	12.7	98	2.81	29	13.5	4.5	40	13.3	8.6	<0.5	52	0.36	0.038
2695714	Drill Core	2.98	25.7	27.9	64.2	67	0.9	72.0	6.4	185	1.89	19	5.1	5.9	158	<0.5	5.1	<0.5	25	3.17	0.028
2695715	Drill Core	1.80	66.4	19.8	74.4	2654	0.7	114.2	4.1	273	1.39	15	8.8	3.8	442	14.0	4.0	<0.5	41	14.69	0.048
2695716	Drill Core	2.56	19.7	123.0	1372.2	9113	1.9	225.7	5.9	307	1.36	17	19.0	4.4	567	36.6	6.3	<0.5	95	19.82	1.176
2695717	Drill Core	3.45	10.6	21.1	41.5	118	0.6	37.6	3.7	393	1.40	17	4.1	4.4	163	<0.5	3.2	<0.5	31	10.21	0.048
2695718	Drill Core	3.62	7.2	17.3	48.4	489	<0.5	28.2	2.8	431	1.14	11	3.1	3.5	197	2.0	3.3	<0.5	23	11.80	0.154
2695719	Drill Core	4.19	19.5	43.4	121.2	1565	<0.5	40.1	3.1	367	0.93	10	7.4	3.5	187	7.8	3.4	<0.5	50	11.46	0.038

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Project: AKIE
Report Date: November 03, 2015

CERTIFICATE OF ANALYSIS VAN15002621.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb
	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	0.01
2695696	Drill Core	2.4	6.7	0.21	150	0.003	0.41	<0.01	0.22	<0.5	1.81	3.0	78.7	8.25	<5	5	54367	3.031	
2695697	Drill Core	3.8	6.9	0.40	1162	0.004	0.49	<0.01	0.28	<0.5	0.06	5.1	11.7	1.98	<5	4	28271	2.748	
2695698	Drill Core	1.4	6.8	0.17	79	0.002	0.21	<0.01	0.11	<0.5	2.62	2.6	236.3	15.11	<5	11	81507	3.324	
2695699	Drill Core	1.0	8.4	0.10	80	0.003	0.26	<0.01	0.13	<0.5	4.48	2.2	209.1	16.79	<5	8	67092	3.363	
2695700	Drill Core	0.8	3.0	0.02	271	0.003	0.06	<0.01	0.02	<0.5	3.37	1.0	55.1	7.24	<5	4	345318	4.132	4.14
2695701	Drill Core	2.4	9.6	0.12	352	0.003	0.41	<0.01	0.19	<0.5	1.06	5.2	22.3	4.27	<5	5	100375	2.937	
2695702	Drill Core	3.4	<0.5	0.02	328	0.004	0.09	<0.01	0.04	<0.5	1.61	1.6	17.6	3.46	<5	3	295685	3.978	
2695703	Rock Pulp	7.4	19.6	0.78	137	0.168	1.82	0.23	0.21	0.8	<0.05	3.3	<0.5	<0.05	6	<2	658	I.S.	
2695704	Drill Core	0.9	1.4	0.02	709	0.002	0.01	<0.01	<0.01	<0.5	0.32	0.8	11.0	1.80	<5	<2	301161	4.314	
2695705	Drill Core	26.3	11.7	0.29	1174	0.007	0.40	<0.01	0.21	<0.5	0.10	5.2	10.1	2.14	<5	7	62738	2.790	
2695706	Drill Core	9.5	9.6	0.14	166	0.005	0.44	<0.01	0.10	<0.5	0.53	3.6	54.5	9.65	<5	9	174724	3.271	
2695707	Drill Core	8.1	9.0	0.16	140	0.002	0.54	<0.01	0.09	<0.5	1.98	3.5	75.2	12.09	<5	12	86340	3.107	
2695708	Drill Core	14.2	7.1	0.19	200	0.003	0.27	<0.01	0.16	<0.5	0.24	2.8	32.3	7.94	<5	9	34487	2.839	
2695709	Drill Core	29.8	12.9	0.28	2007	0.005	0.42	<0.01	0.28	<0.5	0.10	3.3	6.4	2.06	<5	9	25917	2.615	
2695710	Drill Core	14.2	8.7	0.31	302	0.003	0.21	<0.01	0.14	<0.5	0.17	3.1	21.8	5.73	<5	13	52601	2.822	
2695711	Drill Core	16.1	7.7	0.19	908	0.003	0.32	<0.01	0.20	<0.5	0.19	2.1	5.3	3.19	<5	14	8508	2.532	
2695712	Drill Core	20.1	8.0	0.12	541	0.004	0.38	<0.01	0.25	<0.5	0.34	2.4	4.5	3.19	<5	13	3079	2.467	
2695713	Core DUP	20.8	9.0	0.12	553	0.004	0.43	<0.01	0.27	<0.5	0.31	2.2	4.1	3.20	<5	12	3127	2.474	
2695714	Drill Core	17.7	8.0	0.65	1990	0.003	0.34	<0.01	0.24	<0.5	0.07	3.3	3.5	1.96	<5	4	5389	2.598	
2695715	Drill Core	19.3	5.9	0.55	268	0.004	0.23	<0.01	0.17	<0.5	0.28	3.5	3.8	1.51	<5	8	1873	2.527	
2695716	Drill Core	30.8	81.8	3.32	2013	0.010	0.46	<0.01	0.24	<0.5	0.98	4.5	2.9	1.80	<5	53	3684	2.481	
2695717	Drill Core	10.4	5.0	5.40	338	0.003	0.24	<0.01	0.16	<0.5	<0.05	3.6	1.5	1.18	<5	3	2312	2.672	
2695718	Drill Core	12.1	4.6	4.52	162	0.003	0.22	<0.01	0.15	<0.5	0.09	2.7	1.1	0.93	<5	3	1616	2.643	
2695719	Drill Core	12.6	5.1	4.19	134	0.003	0.20	<0.01	0.15	<0.5	0.19	3.1	1.0	0.75	<5	2	1210	2.671	

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QUALITY CONTROL REPORT VAN15002621.1

	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																					
2695688	Drill Core	3.58	9.2	18.8	1477.4	2208	1.6	66.4	6.8	67	1.81	16	3.0	3.9	152	14.2	1.7	<0.5	59	0.30	0.083
REP 2695688	QC																				
2695693	Pulp DUP		15.3	55.2	26933.1	155366	21.4	42.6	2.5	421	11.67	46	1.9	<0.5	463	806.1	9.6	<0.5	26	1.12	0.029
REP 2695693	QC		15.3	54.6	27770.9	153477	21.4	43.3	2.4	408	11.58	46	1.9	<0.5	508	803.9	9.4	<0.5	28	1.11	0.027
2695711	Drill Core	3.38	41.0	65.1	144.5	718	1.6	106.7	11.9	148	2.87	23	11.3	4.0	96	5.4	8.6	<0.5	39	0.82	0.059
REP 2695711	QC		38.7	66.2	143.0	697	1.7	101.2	10.8	150	2.84	24	11.6	3.9	99	5.6	8.4	<0.5	38	0.83	0.064
2695719	Drill Core	4.19	19.5	43.4	121.2	1565	<0.5	40.1	3.1	367	0.93	10	7.4	3.5	187	7.8	3.4	<0.5	50	11.46	0.038
REP 2695719	QC		19.1	42.0	123.4	1549	<0.5	39.0	2.8	372	0.92	11	7.5	3.5	186	7.7	3.3	<0.5	50	11.44	0.038
Core Reject Duplicates																					
2695706	Drill Core	4.02	16.6	93.4	1829.6	1703	12.9	73.8	4.9	384	9.03	36	2.0	1.5	389	17.5	9.3	<0.5	62	2.25	0.043
DUP 2695706	QC		17.3	93.6	1781.9	1763	13.2	72.7	4.9	381	9.07	37	2.0	1.6	364	17.9	9.2	<0.5	60	2.28	0.041
Reference Materials																					
STD CCU-1D	Standard																				
STD CZN-4	Standard																				
STD GBM398-4-AR	Standard		906.2	3916.4	11351.1	5105	50.1	3958.3	1960.8	5375	3.98	6	0.7	0.8	9	8.5	6.7	12.9	24	0.36	0.019
STD GBM398-4-AR	Standard		993.7	3897.0	12118.6	5355	50.2	4138.5	2019.6	5247	4.06	8	0.7	0.8	9	8.4	7.2	12.6	28	0.36	0.018
STD GBM398-4-AR	Standard		947.1	3959.3	11583.2	5428	50.0	4072.5	1952.2	5264	3.78	7	0.7	0.8	11	7.5	6.6	12.7	27	0.32	0.019
STD GBM997-6	Standard																				
STD OREAS927-AR	Standard		0.9	10388.5	217.3	668	4.4	27.5	28.5	1039	8.00	13	1.6	11.8	10	0.9	1.2	64.1	34	0.30	0.054
STD OREAS927-AR	Standard		0.9	10870.5	215.7	759	3.9	29.6	31.2	1071	8.36	14	1.7	12.5	14	1.1	1.4	66.1	38	0.32	0.055
STD OREAS927-AR	Standard		0.9	10596.3	240.6	750	4.5	26.6	28.9	1056	8.04	15	1.6	12.6	12	0.9	1.3	62.5	36	0.27	0.049
STD PTC-1A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18 Expected																					
STD GBM398-4-AR			917	3919	11750	5345	48.7	4135	1950	5300	3.95	6	0.7	0.8	13	7.7	7.2	12.3	24	0.34	0.02

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Project: AKIE

Report Date: November 03, 2015

QUALITY CONTROL REPORT VAN15002621.1

	Method	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb
	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	0.01
Pulp Duplicates																			
2695688	Drill Core	2.3	10.1	0.16	1157	0.004	0.53	<0.01	0.26	<0.5	0.13	3.6	15.6	2.00	<5	5	19882	2.699	
REP 2695688	QC																19892		
2695693	Pulp DUP	0.8	6.3	0.21	58	0.001	0.11	<0.01	0.05	<0.5	4.22	1.8	247.4	20.23	<5	11	93481	3.577	
REP 2695693	QC	0.9	5.9	0.21	58	0.001	0.11	<0.01	0.06	<0.5	4.15	1.9	257.6	20.07	<5	10			
2695711	Drill Core	16.1	7.7	0.19	908	0.003	0.32	<0.01	0.20	<0.5	0.19	2.1	5.3	3.19	<5	14	8508	2.532	
REP 2695711	QC	15.5	7.2	0.21	861	0.003	0.30	<0.01	0.19	<0.5	0.21	2.0	4.8	3.12	<5	9			
2695719	Drill Core	12.6	5.1	4.19	134	0.003	0.20	<0.01	0.15	<0.5	0.19	3.1	1.0	0.75	<5	2	1210	2.671	
REP 2695719	QC	12.7	5.3	4.14	134	0.003	0.21	<0.01	0.15	<0.5	0.15	3.2	1.0	0.73	<5	4	1212		
Core Reject Duplicates																			
2695706	Drill Core	9.5	9.6	0.14	166	0.005	0.44	<0.01	0.10	<0.5	0.53	3.6	54.5	9.65	<5	9	174724	3.271	
DUP 2695706	QC	9.2	8.8	0.14	106	0.005	0.44	<0.01	0.10	<0.5	0.46	3.6	53.5	9.94	<5	8	175034	3.267	
Reference Materials																			
STD CCU-1D	Standard																		0.28
STD CZN-4	Standard																		0.20
STD GBM398-4-AR	Standard	2.7	2007.1	0.13	23	0.110	0.49	0.25	0.11	2.8	3.40	1.6	<0.5	0.95	<5	3			
STD GBM398-4-AR	Standard	2.7	2013.0	0.12	32	0.119	0.51	0.24	0.12	3.1	3.16	1.7	<0.5	0.97	<5	3			
STD GBM398-4-AR	Standard	2.7	1979.7	0.12	21	0.112	0.45	0.24	0.09	3.2	2.97	1.6	0.5	0.93	<5	3			
STD GBM997-6	Standard																		23.06
STD OREAS927-AR	Standard	24.5	38.4	1.95	46	0.078	3.20	<0.01	0.26	4.9	0.13	3.8	<0.5	1.74	9	16			
STD OREAS927-AR	Standard	29.8	43.4	1.92	50	0.114	3.34	<0.01	0.29	4.8	0.10	4.5	<0.5	1.77	9	10			
STD OREAS927-AR	Standard	26.2	42.2	1.88	45	0.079	3.12	<0.01	0.23	4.8	0.11	4.3	<0.5	1.75	9	16			
STD PTC-1A	Standard																		0.05
STD SO-18	Standard																489		
STD SO-18	Standard																519		
STD SO-18	Standard																495		
STD SO-18	Standard																503		
STD SO-18 Expected																	515		
STD GBM398-4-AR		2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3			

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QUALITY CONTROL REPORT VAN15002621.1

		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			1.06	10715	232	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD CZN-4 Expected																					
STD GBM997-6 Expected																					
STD CCU-1D Expected																					
BLK	Blank																				
BLK	Blank		<0.5	<0.5	2.6	14	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank		<0.5	<0.5	1.1	<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		0.8	2.9	2.0	34	<0.5	1.3	4.1	479	1.90	<5	<0.5	2.3	31	<0.5	<0.5	<0.5	24	0.60	0.044
ROCK-VAN	Prep Blank		0.9	2.3	1.5	33	<0.5	1.2	3.7	477	1.84	<5	<0.5	2.4	17	<0.5	<0.5	<0.5	23	0.57	0.046

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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF301	SPG01	AQ371
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ba	SG	Pb
		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	0.01
STD OREAS927-AR		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5			
STD CZN-4 Expected																			0.1861
STD GBM997-6 Expected																			23.75
STD CCU-1D Expected																			0.262
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																<10		
BLK	Blank	<0.5	1.2	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2			
BLK	Blank																		<0.01
Prep Wash																			
ROCK-VAN	Prep Blank	5.2	3.7	0.47	83	0.086	0.86	0.08	0.06	<0.5	<0.05	2.1	<0.5	<0.05	<5	<2	821	2.711	
ROCK-VAN	Prep Blank	5.4	3.2	0.46	45	0.089	0.82	0.08	0.06	<0.5	<0.05	2.8	<0.5	<0.05	<5	<2	890	2.706	