

KZK

Hole Number:

K97-179

Project:

•							
Prospect:	FCZ	Hole Type:	DD	Survey Type:		Logged By:	Jerome de Pasquale
Grid:	NAD83_Z9	Hole Diameter:	75.7	Survey By:		Date Logging Start:	4/18/2016
UTM Easting	416150	Core Size:	NQ	Azimuth:	180	Date Logging Complete:	4/21/2016
UTM Northing:	6814900	Casing Pulled?:		Dip:	-86	Drill Company:	
UTM Elev. (m):	1685	Casing Depth (m):	3	Length (m):	502.3	Drill Rig:	
Local Easting:	6150	Stored?:	Yes	Claims Title		Drill Started:	5/31/1997
Local Northing:	4900	Cemented?:		Core Storage Loc.:	KZK Camp	Drill Completed:	6/6/1997
Local Elev. (m):	1685			Hole Completed?:		Purpose:	Exploration
Comments:						Parent Hole:	

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Comments Values?
0	-86	180		180	SS				
76	-82	176		176	SS				
243	-76	173		173	SS				
320	-72	172		172	SS				
411	-71	154		154	SS				

From (m)	To (m)		Rocktype & Description	Fro	om (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
0.00	3.10 OV	/BN	Overburden										
3.10	24.30 MA		Mafic Intrusions (primarily footwall mafic intrusion)										
3.1 - 24.3: 0	Could be MAFt, te	exture obsc	ured. Patchy BI, CA veining.										
< <min: 3.1<="" td=""><td>- 67.28 0.1% Mi</td><td>lin: Pyrite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	- 67.28 0.1% Mi	lin: Pyrite>>											
< <alt: 3.1<="" td=""><td>- 63.5 Moderate</td><td>Biotite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 63.5 Moderate	Biotite>>											
< <alt: 3.1<="" td=""><td>- 67.28 Strong C</td><td>Chlorite>></td><td>Mafic tuff and mafic sill.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 67.28 Strong C	Chlorite>>	Mafic tuff and mafic sill.										
< <alt: 3.1<="" td=""><td>- 74.9 Moderate</td><td>Calcite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 74.9 Moderate	Calcite>>											
< <alt: 3.1<="" td=""><td>- 195 Weak-Mod</td><td>derate Anke</td><td>rite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 195 Weak-Mod	derate Anke	rite>>										
24.30	27.90 MA	٩Ft	Mafic Volcaniclastics										
24.3 - 27.9:	Maybe mixed wit	ith carb sed	ments. Strongly foliated.										
< <vein: 27<="" td=""><td>7.8 - 27.9 Quartz:</td><td>2>> QZ/C/</td><td>A Contraction of the second seco</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	7.8 - 27.9 Quartz:	2>> QZ/C/	A Contraction of the second seco										
Printed on	3/17/2017 9:44:2	27 AM											



From (m) To (m) To (m) To (m) To (m) With Sample Au goon Ag goon Cu Ki P0 Ki 27.90 49.80 MAFI Mafic Intrusions (primarily footwall mafic intrusion) 27.9-48.81.Locally bleached, texture obscured possibly due to SI fluids. Patchy BI. <			CONSULTANTS LTD.	Project:	KZK		Hole N	Number:		K97	7-179		
27.9 - 4.9.8. Locally bleached, texture obscive goossibly due to SI fluids. Patchy BI. < <ali: 4.4.9.="" moderate="" silicification="">> <<ali: 4.4.9.="" moderate="" silicification="">> <<stro <td="">7.4.90 MAFL Maft: Otlocaniclastics 55.00 7.4.90 MAFL Maft: Otlocaniclastics 55.01 C7.28 - 73.3 1% Min: Pyrte>> Discontinuous velnets, disseminated and few patch. <<min: -="" 1%="" 13.3="" 67.28="" min:="" pyrte="">> Discontinuous velnets, disseminated and few patch. <<min: -="" 1%="" 13.3="" 67.28="" min:="" pyrte="">> Discontinuous velnets, disseminated and few patch. <<min: -="" 23.1%="" 67.28="" min:="" pyrte="">> Fault Boord Muderate Mine Calies <<ali: -="" 21.3.4%="" 67.28="" chlottle="" moderate-strong="">> 7.4.90 82.70 MDS Carbonaceous Mudestone & Tuffaceous Mudestone & Superation Chlottle>> <<<ali: -="" 22.="" 70.8="" mafl<="" pitcally="" td=""> Maft: Volcaniclastics 83.20 MS 82.70 84.10 MAFL Maft: Volcaniclastics 83.20 MS 82.70 84.10 MAFL Maft: Volcaniclastics<</ali:></ali:></min:></min:></min:></stro></ali:></ali:></ali:></ali:></ali:></ali:></ali:></ali:></ali:>	From (m)	To (m)	Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<	27.90	49.80 MAFi											
< <vein: -="" 33.7="" 34="" quartz="">> QZICA/CL 49.8 o 55.00 FLZ Full Zone 49.8 - 55: Fault gouge and MAFL 10 to 15 cm QZICA veins. <<struct: -="" 49.8="" 55:="" fault="" moderate="">> Fault gouge and mafic tuff, QZICA veins. 55.00 74.90 MAFt Mafic Volcaniclastics 55 - 74.9: Calcite veining. Large patch of hematite from 67.28 to 73.30 with QZ veins. <<ali: -="" 1%="" 67.28="" 73.3="" min:="" pyrthet="">> Discontinuous veinlets, disseminated and few patch. <<ali: -="" 1%="" 67.28="" 73.3="" min:="" pyrthet="">> Foliation oriented. More concentrated in MDS. <<ali: -="" 67.28="" 73.3="" muscovite="" weak="">> Few patch associated with QZ veins. < < 74.90 82.70 MDS Carbonaceous Mudstone & Tuffaceous Mudstone & T</ali:></ali:></ali:></struct:></vein:>	27.9 - 49.8:	Locally bleached, texture	e obscured possibly due to SI fluids. Patchy I	BI.									
49.8 - 55: Fault gouge and MAFt. 10 to 15 cm QZ/CA veins. < <struc: -="" 49.8="" 55="" fault="" moderate="">> Fault gouge and mafic tuff, QZ/CA veins. 55.00 74.90 MAFt Mafic Volcaniclastics 56 - 74.9: Calcite veining. Large patch of hematite from 67.28 to 73.30 with QZ veins. <<min: -="" 1%="" 162="" 67.28="" min:="" pyrite="">> Discontinuous veinlets, disseminated and few patch. <<min: -="" 1%="" 162="" 67.28="" min:="" pyrite="">> Foliation oriented. More concentrated in MDS. <<<min: -="" 67.28="" 73.3="" muscovite="" weak=""> <<<min: -="" 1%="" 162="" 67.28="" min:="" pyrite="">> Few patch associated with QZ veins. <<<</min:></min:></min:></min:></struc:>													
55.00 74.90 MAFt Mafic Volcaniclastics 55 - 74.9: Calcite veining. Large patch of hematite from 67.28 to 73.30 with QZ veins. << <min: -="" 1%="" 67.28="" 73.3="" min:="" pyrite="">> Discontinuous veinlets, disseminated and few patch. <<min: -="" 1%="" 162="" 67.28="" min:="" pyrite="">> Foliation oriented. More concentrated in MDS. <<<min: -="" 1%="" 67.28="" 73.3="" min:="" pyrite="">> Few patch associated with QZ veins. <<min: -="" 67.28="" 73.3="" muscovite="" weak="">> Few patch associated with QZ veins. <<<min: -="" 67.28="" 73.3="" muscovite="" weak="">> <</min:></min:></min:></min:></min:>													
55 - 74.9: Calcite veining. Large patch of hematite from 67.28 to 73.30 with QZ veins. < <min: -="" 1%="" 67.28="" 73.3="" min:="" pyrite="">> Discontinuous veinlets, disseminated and few patch. <<min: -="" 0.1%="" 502.3="" 73.3="" min:="" pyrite="">> Foliation oriented. More concentrated in MDS. <<min: -="" 0.1%="" 502.3="" 73.3="" min:="" pyrite="">> Few patch associated with QZ veins. <<alt: -="" 67.28="" 73.3="" muscovite="" weak="">> <<alt: -="" 67.28="" 73.9="" quartz="">> 74.9.9 82.70 MDS Carbonaceous Mudstone & Tuffaceous Mudstone & Tuffaceous Mudstone <<<alt: -="" 162="" 74.9="" calcite="" moderate-strong="">> <<<vein: -="" 79.62="" 79.9="" quartz="">> QZ/CA 82.70 84.10 MAFt Mafic Volcaniclastics 84.10 89.20 MDS Carbonaceous Mudstone & Tuffaceous Mudstone & Tuffaceous Mudstone & Sudstone 89.20 96.27 MAFt Mafic Volcaniclastics 89.2 - 96.27 Patch of hematite at contact. Mafic according to the LITHO whole rock assay. <<alt: -="" 92.82="" 95="" biotite="" weak="">> 96.27 116.37 MDS Car</alt:></vein:></alt:></alt:></alt:></alt:></alt:></alt:></alt:></alt:></alt:></alt:></alt:></min:></min:></min:>	< <struc: 4<="" td=""><td>9.8 - 55 Moderate Fault></td><td>>> Fault gouge and mafic tuff, QZ/CA veins</td><td>S.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	9.8 - 55 Moderate Fault>	>> Fault gouge and mafic tuff, QZ/CA veins	S.									
 < < <<<<<<<<li< td=""><td>55.00</td><td>74.90 MAFt</td><td>Mafic Volcaniclastics</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></li<>	55.00	74.90 MAFt	Mafic Volcaniclastics										
<cvein: -="" 1%="" 162="" 79.28="" min:="" pyrthotite="">> Foliation oriented. More concentrated in MDS. <cmin: -="" 0.1%="" 502.3="" 73.3="" min:="" pyrthe="">> Few patch associated with QZ veins. <cait: -="" 67.28="" 73.3="" muscovite="" weak="">> <cait: -="" 213.44="" 67.28="" chlorite="" moderate-strong="">> 74.90 82.70 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 74.9 - 82.7: Locally MAFt interbedded (or mafic dyke p to 40cm wide). <cait: -="" 162="" 74.9="" calcite="" moderate-strong="">> <cvein: -="" 79.62="" 79.9="" quartz="">> QZ/CA 82.70 84.10 MAFt Mafic Volcaniclastics 84.10 89.20 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 89.20 96.27 MAFt Mafic Volcaniclastics 89.2 - 96.27: Patch of hematite at contact. Mafic according to the LITHO whole rock assay. <calt: -="" 92.82="" 95="" biotite="" weak="">> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</calt:></cvein:></cait:></cait:></cait:></cmin:></cvein:>	55 - 74.9: C	alcite veining. Large pate	ch of hematite from 67.28 to 73.30 with QZ ve	eins.									
Tuffaceous Mudstone 74.9 - 82.7: Locally MAFt interbedded (or mafic dyke p to 40cm wide). < <alt: -="" 162="" 74.9="" calcite="" moderate-strong="">> <<alt: -="" 162="" 74.9="" calcite="" moderate-strong="">> <<vein: -="" 79.62="" 79.9="" quartz="">> QZ/CA 82.70 84.10 MAFt Mafic Volcaniclastics 84.10 89.20 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 89.20 96.27 MAFt Mafic Volcaniclastics 89.20 - 96.27: Patch of hematite at contact. Mafic according to the LITHO whole rock assay. <<alt: -="" 92.82="" 95="" biotite="" weak="">> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</alt:></vein:></alt:></alt:>	< <min: 73.<br=""><<alt: 67.2<="" td=""><td>3 - 502.3 0.1% Min: Pyri 28 - 73.3 Weak Muscovit</td><td><pre>te>> Few patch associated with QZ veins. e>></pre></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:></min:>	3 - 502.3 0.1% Min: Pyri 28 - 73.3 Weak Muscovit	<pre>te>> Few patch associated with QZ veins. e>></pre>										
< <alt: -="" 162="" 74.9="" calcite="" moderate-strong="">> <<vein: -="" 79.62="" 79.9="" quartz="">> QZ/CA 82.70 84.10 MAFt Mafic Volcaniclastics 84.10 89.20 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 89.20 96.27 MAFt Mafic Volcaniclastics 89.2 - 96.27: Patch of hematite at contact. Mafic according to the LITHO whole rock assay. <<alt: -="" 92.82="" 95="" biotite="" weak="">> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</alt:></vein:></alt:>			Tuffaceous Mudstone										
< <vein: -="" 79.62="" 79.9="" quartz="">> QZ/CA 82.70 84.10 MAFt Mafic Volcaniclastics 84.10 89.20 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 89.20 96.27 MAFt Mafic Volcaniclastics 89.2 - 96.27: Patch of hematite at contact. Mafic according to the LITHO whole rock assay. <<alt: -="" 92.82="" 95="" biotite="" weak="">> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</alt:></vein:>	74.9 - 82.7:	Locally MAFt interbedde	d (or mafic dyke p to 40cm wide).										
82.70 84.10 MAFt Mafic Volcaniclastics 84.10 89.20 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 89.20 96.27 MAFt Mafic Volcaniclastics 89.2 - 96.27: Patch of hematite at contact. Mafic according to the LITHO whole rock assay. < <alt: -="" 92.82="" 95<="" td=""> Weak Biotite>> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone & Tuffaceous Mudstone</alt:>		•											
84.10 89.20 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 89.20 96.27 MAFt Mafic Volcaniclastics 89.2 - 96.27: Patch of hematite at contact. Mafic according to the LITHO whole rock assay. < <alt: -="" 92.82="" 95<="" td=""> Weak Biotite>> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone & Tuffaceous Mudstone</alt:>													
89.2 - 96.27: Patch of hematite at contact. Mafic according to the LITHO whole rock assay. < <alt: -="" 92.82="" 95="" biotite="" weak="">> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</alt:>			Carbonaceous Mudstone &										
< <alt: -="" 92.82="" 95="" biotite="" weak="">> 96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</alt:>	89.20	96.27 MAFt	Mafic Volcaniclastics										
96.27 116.37 MDS Carbonaceous Mudstone & Tuffaceous Mudstone	89.2 - 96.27	2: Patch of hematite at co	ntact. Mafic according to the LITHO whole re	ock assay.									
Tuffaceous Mudstone	< <alt: 92.8<="" td=""><td>32 - 95 Weak Biotite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	32 - 95 Weak Biotite>>											
96.27 - 116.37: Patch of hematite (?).	96.27	116.37 MDS											
	96.27 - 116	.37: Patch of hematite (?											



		JUII	CONSULTANTS LTD.	Project:	KZK		Hole	Number:		K97	/-179		
From (m)	To (m)		Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
< <struc: 10<="" td=""><td>7.9 - 108.2</td><td>Weak Fault></td><td>> Fault gouge.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	7.9 - 108.2	Weak Fault>	> Fault gouge.										
116.37	118.75	MAFt	Mafic Volcaniclastics										
116.37 - 118	.75: MDS ir	nterbedded. Sl	harpe contact, could be narrow dyke.										
118.75	130.85	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone										
118.75 - 130	.85: Few M	AFt interbedd	ed.										
< <vein: 125<="" td=""><td>5.42 - 125.6</td><td>31 Quartz>></td><td>QZ/CA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	5.42 - 125.6	31 Quartz>>	QZ/CA										
130.85	132.37	MAFt	Mafic Volcaniclastics										
132.37	133.21	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone										
133.21	134.80	MAFt	Mafic Volcaniclastics										
134.80	136.79	MDS	Carbonaceous Mudstone 8 Tuffaceous Mudstone	L Contraction of the second									
136.79 136.79 - 139			undifferentiated rhyolite HO whole rock assay. The percentage of \$	SI could be biased by QZ veining	J.								
139.65	142.88	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone										
142.88 < <vein: 143<="" td=""><td></td><td>RHY 26 Quartz>></td><td>undifferentiated rhyolite QZ/CA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>		RHY 26 Quartz>>	undifferentiated rhyolite QZ/CA										
144.10 144.1 - 151.1			Mafic Volcaniclastics CA veins. Patch of hematite (?).										
< <vein: 149<="" td=""><td>9.1 - 149.4</td><td>Quartz>> Q</td><td>Z/CA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	9.1 - 149.4	Quartz>> Q	Z/CA										
151.18	172.64	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone										
151.18 - 172	.64: BI/CL.	Deformed CA	veining. Crosscut by narrow mafic dykes	up to 60 cm wide. Thinly foliated									
< <min: 162<="" td=""><td>- 290 0.5%</td><td>6 Min: Pyrrhoti</td><td>ite>> Locally with SP/GL/PO?GL in QZ/</td><td>CA vein.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	- 290 0.5%	6 Min: Pyrrhoti	ite>> Locally with SP/GL/PO?GL in QZ/	CA vein.									
< <alt: -<="" 162="" td=""><td>213.44 St</td><td>rong Calcite>></td><td>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	213.44 St	rong Calcite>>	>										
172.64	174.25	MAFt	Mafic Volcaniclastics										
172.64 - 174	.25: Mixed	with argillite.											



		Project:	KZK		Hole N	lumber:	К9	7-179		
From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm Ag ppn	n Cu %	Pb %	Zn %
174.25	184.70 MDS	Carbonaceous Mudstone & Tuffaceous Mudstone								<u> </u>
174.25 - 184 veinlets.	4.7: Containing tuffaceous	material at lower contact. CA veining. Thinly foliated. QZ/CA veins, her	natite							
	186.04 MAFt .04: Fine grain. Mixed with	Mafic Volcaniclastics argillite at lower contact.								
186.04	193.24 MDS	Carbonaceous Mudstone & Tuffaceous Mudstone								
186.04 - 193	3.24: BI rich. QZ/CA veinir	ng.								
	194.94 MAFt 4.94: Fine to medium grain	Mafic Volcaniclastics								
194.94	203.97 MDS	Carbonaceous Mudstone & Tuffaceous Mudstone								
194.94 - 203	3.97: Containing tuffaceou	is material. QZ/CA (maybe dolomite) veining and patch.								
< <alt: 195<="" td=""><td>- 213.44 Moderate-Strong</td><td>g Ankerite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 213.44 Moderate-Strong	g Ankerite>>								
	204.32 MAFt 4.32: Sharpe contacts, con	Mafic Volcaniclastics								
204.32	209.48 MDS	Carbonaceous Mudstone & Tuffaceous Mudstone								
204.32 - 209	9.48: Tuffaceous.									
< <vein: 20<="" td=""><td>05.36 - 205.6 Quartz>></td><td>QZ/CA/CL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	05.36 - 205.6 Quartz>>	QZ/CA/CL								
	213.44 MAFt 3.44: CA veining. Sharpe of	Mafic Volcaniclastics contacts. Could be dike.								
	215.95 SED 5.95: Tuffaceous. Mix with	undifferentiated Sediment mudstone/siltstone containing locally QE in RHYva layers.								
< <alt: 213.<="" td=""><td>.44 - 234.72 Weak-Moder</td><td>rate Ankerite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.44 - 234.72 Weak-Moder	rate Ankerite>>								
< <alt: 213.<="" td=""><td>.44 - 502.3 Weak-Modera</td><td>te Calcite>> and clots. Strong in the mafic dikes.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.44 - 502.3 Weak-Modera	te Calcite>> and clots. Strong in the mafic dikes.								
215.95	217.60 RHYva	Coarse grained to ash tuff								
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-			CONSULTANTS LTD.	Project:	KZK		Hole	Number:		K97	-179		
From (m)	To (m)		Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
< <alt: 215.<="" td=""><td>.95 - 502.3 </td><td>Moderate-Stro</td><td>ng Muscovite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.95 - 502.3	Moderate-Stro	ng Muscovite>>										
217.60	221.55	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone										
217.6 - 221.	.55: Medium	grain locally.											
221.55	222.58	RHYcw	Curdy textured-flow banded (flows, subvolcanics)										
222.58	229.10	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone										
222.58 - 229	9.1: Faulted,	strongly folia	ted.										
< <struc: 2<="" td=""><td>24 - 226 We</td><td>eak Fault>></td><td>Multiple narrow gouge zones.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	24 - 226 We	eak Fault>>	Multiple narrow gouge zones.										
< <struc: 22<="" td=""><td>27.9 - 229.1</td><td>Moderate Fa</td><td>ult>> Fault gouge in graphitic mudstone.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	27.9 - 229.1	Moderate Fa	ult>> Fault gouge in graphitic mudstone.										
229.10	234.74	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone										
229.1 - 234.	.74: QZ/CA	veining.											
< <alt: 234.<="" td=""><td>.72 - 502.3 </td><td>Moderate Ank</td><td>erite>> Replacing lapilli. Locally strong due to stro</td><td>ong lapilli density.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.72 - 502.3	Moderate Ank	erite>> Replacing lapilli. Locally strong due to stro	ong lapilli density.									
< <vein: 23<="" td=""><td>31.45 - 231.9</td><td>Quartz>></td><td>QZ/CA/FeCA/TO</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	31.45 - 231.9	Quartz>>	QZ/CA/FeCA/TO										
< <vein: 23<="" td=""><td>2.18 - 232.5</td><td>8 Quartz>></td><td>QZ/CA/PO</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	2.18 - 232.5	8 Quartz>>	QZ/CA/PO										
	240.52		Coarse grained to ash tuff										
234.74 - 240	0.52: Domin	antly ash.											
240.52	242.68	RHYvl	Lapilli tuff										
242.68	243.59	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
243.59	251.05	RHYvl	Lapilli tuff										
243.59 - 25' margins. Tw	1.05: BI porp vo foliations	ohyroblasts, ov observed.	verprinted. Crosscut by narrow mafic dyke from 247	7.05 to 247.52 showing PO in ch	ill								
251.05	262.85	RHYvl	Lapilli tuff										
262.85	265.13	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
262.85 - 265	5.13: CL.												



		CONSULTANTS LTD.	Project:	KZK		Hole	Number:		K97	'-179		
From (m)	To (m)	Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
265.13	270.80 RHYvI	Lapilli tuff										
270.80	272.25 RHYvl	Lapilli tuff										
270.8 - 272.	25: Crosscut by narrow c	hloritized mafic dikes.										
	276.82 RHYva	Coarse grained to ash tuff										
272.25 - 270	6.82: Crosscut by narrow	chloritized mafic dikes.										
276.82	280.41 RHYvI	Lapilli tuff										
280.41	282.54 RHYva	Coarse grained to ash tuff										
280.41 - 282	2.54: Crosscut by narrow	chloritized mafic dikes.										
282.54	284.20 MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
282.54 - 284	4.2: CL/CA.	···· ,										
284.20	287.10 RHYva	Coarse grained to ash tuff										
287.10	332.83 RHYvl	Lapilli tuff										
287.1 - 332.	.83: Few CL bands. BI co	uld be due to pelitic material.										
< <min: 290<="" td=""><td>) - 502.3 0.1% Min: Pyrrh</td><td>notite>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>) - 502.3 0.1% Min: Pyrrh	notite>>										
< <alt: 287.<="" td=""><td>.3 - 502.3 Moderate Bioti</td><td>te>> Porphyroblasts.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.3 - 502.3 Moderate Bioti	te>> Porphyroblasts.										
< <vein: 29<="" td=""><td>01.81 - 292 Quartz>> Q</td><td>Z/CA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	01.81 - 292 Quartz>> Q	Z/CA										
< <vein: 29<="" td=""><td>8.3 - 299.13 Quartz>></td><td>QZ/CA vein set, up to 8 cm wide.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	8.3 - 299.13 Quartz>>	QZ/CA vein set, up to 8 cm wide.										
< <vein: 30<="" td=""><td>1.86 - 302.12 Quartz>></td><td>QZ vein with PO/PY/SP/GL patch.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	1.86 - 302.12 Quartz>>	QZ vein with PO/PY/SP/GL patch.										
< <vein: 30<="" td=""><td>03.07 - 303.61 Quartz>></td><td>QZ vein with PY/GL/PO patch</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	03.07 - 303.61 Quartz>>	QZ vein with PY/GL/PO patch										
< <vein: 30<="" td=""><td>4.2 - 304.49 Quartz>></td><td>QZ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	4.2 - 304.49 Quartz>>	QZ										
		Rhyolite volcaniclastic ch Bl bedding up to 10 cm wide. Possibly mafi	ic dikes. Mafic dike form 341.50 to									
341.50	349.39 MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
341.5 - 349.	.39: Confirmed by Whole	rock assay. BI/CA. No CL. CA/BI/QZ veins.										
< <vein: 34<="" td=""><td>8.5 - 348.7 Calcite>> 0</td><td>CA/BI.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	8.5 - 348.7 Calcite>> 0	CA/BI.										
< <struc: 34<="" td=""><td>44.9 - 346.35 Trace Faul</td><td>t>> Logged by Cominco, really minor struct</td><td>ure.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	44.9 - 346.35 Trace Faul	t>> Logged by Cominco, really minor struct	ure.									



		UIT	CONSULTANTS LTD.	Project:	KZK		Hole	Number:		K97	7-179		
From (m)	To (m)		Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn
	352.46 F		undifferentiated rhyolite ding. Silicified at upper contact with MAFi.										
	-		ng Silicification>> Associated with MAFi I	lower contact									
352.46	355.94 F	RHYv	Rhyolite volcaniclastic y pelitic locally, high concentration of BI. As										
355.94	358.62 F	RHYcf	Feldspar & feldspar quartz										
5.94 - 358	.62: Could be	RHYvl at lo	porphyry ower contact.										
	369.02 F		Coarse grained to ash tuff adding. Shows to foliation at 361.50.										
69.02	380.54 F	RHYvx	Quartz and/or feldspar cryst tuff	tal									
80.54	383.17 N	/IAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
0.54 - 383	.17: BI/CA.		·····,										
383.17	389.28 F	RHYvx	Quartz and/or feldspar cryst tuff	tal									
<alt: 388.8<="" td=""><td>39 - 390.3 We</td><td>eak Muscov</td><td>ite>> Yellow-green muscovite. Could be o</td><td>original alteration.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	39 - 390.3 We	eak Muscov	ite>> Yellow-green muscovite. Could be o	original alteration.									
389.28	391.65 N	/IAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
89.28 - 391	.65: Confirme	d by Whole	rock assay. BI/CA rich. QZ/CA veins.										
391.65	402.12 F	RHYvI	Lapilli tuff										
	403.13 N		Mafic Intrusions (primarily footwall mafic intrusion)										
)2.12 - 403	.13: BI/CA.												
403.13	406.25 F	RHYva	Coarse grained to ash tuff										
	3/17/2017 9:44												



From (m)		UITY	CONSULTANTS LTD.	Durate									
From (m)	-			Project:	KZł	K		Hole	Number:	K97	7-179		
	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Ag ppm	Cu %	Pb %	Zn
406.25	408.66 M	IAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
06.25 - 408.	.66: Two dikes	separated	by QZ/CA vein and 15 cm of RHYvI.										
408.66	411.12 R	HYva	Coarse grained to ash tuff										
411.12	425.61 R	НҮүх	Quartz and/or feldspar crysta tuff	al									
11.12 - 425.	.61: Could be	locally RHY	c (curdy like texture). Strong lapilli density a	nd some angular clasts at low	wer contact.								
425.61	443.90 R	HYva	Coarse grained to ash tuff										
443.90	444.34 M	IAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
443.9 - 444.3	34: BI/CA.		·····,										
-	446.12 R .12: Almost cu		undifferentiated rhyolite like. Xtl up to 0.5cm. Could be porphyritic.										
	452.04 R .04: Locally BI		Coarse grained to ash tuff										
< <alt: -<="" 450="" td=""><td>502.3 Trace</td><td>Chlorite>></td><td>Locally in fracture.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	502.3 Trace	Chlorite>>	Locally in fracture.										
	461.78 R		Coarse grained to ash tuff										
< <vein: 461<="" td=""><td>1.5 - 461.6 Qu</td><td>iartz>> QZ</td><td>Z/TO and narrow QZ/BI banded interval, see</td><td>limentary looking.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	1.5 - 461.6 Qu	iartz>> QZ	Z/TO and narrow QZ/BI banded interval, see	limentary looking.									
461.78	463.91 R	HY	undifferentiated rhyolite										
161.78 - 463.	.91: Could be	curdy textur	e.										
463.91	465.14 R	HYcw	Curdy textured-flow banded (flows, subvolcanics)										
465.14	466.72 R	HYva	Coarse grained to ash tuff										
466.72	467.21 M	IAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
166.72 - 467.	.21: BI/CA. 10	cm of RHY	vl interbedded showing sharp contacts.										
467.21	467.60 R	HYv	Rhyolite volcaniclastic										



			CONSULTANTS LTD.	Project:	KZ	Κ.		Hole	Number:	K97	-179		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Ag ppm	Cu %	Pb %	Zn %
467.60	469.57	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
467.6 - 469.	57: BI/CA b	anded.	·····,										
469.57	470.02	RHYv	Rhyolite volcaniclastic										
470.02	470.37	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
470.02 - 470).37: CI/CA		,										
470.37	472.69	RHYvx	Quartz and/or feldspar crysta tuff	I									
470.37 - 472 consolidated	2.69: Mixed d while intru	with possibly ded by MAFi.	mafic material. Lost of BI in foliation. Maybe in	termediate composition or no	n								
472.69	476.56	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
472.69 - 476	6.56: BI/CA	banded.	·····,										
476.56	478.92	RHYvx	Quartz and/or feldspar crysta tuff	I									
	480.00): Possibly (undifferentiated rhyolite Probably RHYvx.										
480.00	480.40	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)										
480 - 480.4:	BI/CA.												
480.40 480.4 - 482.2	482.20 2: BI in folia		Lapilli tuff										
	484.72 72: Possibl		undifferentiated rhyolite nt unit with RHYc locally.										
484.72			Mafic Intrusions (primarily footwall mafic intrusion)										
484.72 - 484	4.87: Sharp	contact. BI/C	-										



	* - `	GOII	CONSULTANTS LTD.	Project: K2	ZK		Hole	Number:	K97	7-179		
From (m)	To (m)		Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm Ag ppm	Cu %	Pb %	Zn %
484.87	485.23	RHYv	Rhyolite volcaniclastic									
485.23	487.76	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)									
485.23 - 487	7.76: Confin	med by Whole	rock assay. BI/CA banded.									
487.76	493.35	RHYvx	Quartz and/or feldspar crystal tuff									
487.76 - 493	3.35: Trace	of deformatior	n visible as the foliation change.									
493.35	499.95	RHYvx	Quartz and/or feldspar crystal tuff									
499.95	500.18	RHY	undifferentiated rhyolite									
500.18	500.66	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)									
500.18 - 500).66: BI/CA.											
500.66	502.30	RHYvx	Quartz and/or feldspar crystal tuff									
500.66 - 502	2.3: AK at c	ontact with MA	AFi. Intermediate composition, BI rich in foliation.	Е.О.Н.								
End of H	ole @ 50	02.3										