

KZK

Hole Number:

K97-180

Prospect:		Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	Ron Voordouw
Grid:	NAD83_Z9	Hole Diameter:	75.7	Survey By:	Challenger_Survey	Date Logging Start:	4/18/2016
UTM Easting	418481.531	Core Size:	NQ	Azimuth:	180	Date Logging Complete:	4/22/2016
UTM Northing:	6815055.281	Casing Pulled?:		Dip:	-60	Drill Company:	
UTM Elev. (m):	1463.882	Casing Depth (m):		Length (m):	206.8	Drill Rig:	
Local Easting:		Stored?:	Yes	Claims Title	KZK	Drill Started:	
Local Northing:		Cemented?:		Core Storage Loc.:	KZK Camp	Drill Completed:	
Local Elev. (m):				Hole Completed?:		Purpose:	
Comments:						Parent Hole:	

Project:

## Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Comments Values?
0	-60	180		180	SS				
206	-60	180		180	SS				

From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
0.00	9.10	OVBN	Overburden											
9.10	14.11	MDSt	Rhyolite tuff dominant mudstone	dark grey	FG									
9.1 - 14.11: quartzite, lik	Alternating ely on the l	bands of black basis of their g	s graphitic mudstone and grey rhyolite lapi ranular texture	lli tuff; Cominco logged th	ne tuff layers as									
< <alt: -<br="" 9.1="">oriented at</alt:>	14.11 We an angle to	ak Muscovite> bedding	> 1-2 mm thick layers of muscovite (+/-ç	graphite) cutting rhyolite t	uff layers and									
< <vein: 13<="" td=""><td>6 - 14.11</td><td>70% Quartz-Ca</td><td>arbonate 50 deg. &gt;&gt; Fairly massive quar</td><td>tz-ankerite vein interleave</td><td>ed with host MDSt</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	6 - 14.11	70% Quartz-Ca	arbonate 50 deg. >> Fairly massive quar	tz-ankerite vein interleave	ed with host MDSt									
< <struc: 11<="" td=""><td>.9 - 11.91</td><td>Moderate-Stro</td><td>ong Foliation&gt;&gt; Bedding-parallel foliation</td><td>in graphitic mudstone ar</td><td>nd rhyolite tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	.9 - 11.91	Moderate-Stro	ong Foliation>> Bedding-parallel foliation	in graphitic mudstone ar	nd rhyolite tuff									
< <struc: 11<="" td=""><td>.9 - 11.91</td><td>Moderate-Stro</td><td>ong Bedding&gt;&gt; Alternations between gra</td><td>phitic mudstone and rhyc</td><td>olite tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	.9 - 11.91	Moderate-Stro	ong Bedding>> Alternations between gra	phitic mudstone and rhyc	olite tuff									
14.11	18.04	RHYvl	Lapilli tuff	grey	FMG									
14.11 - 18.0 thin bands o	4: Relative f muscovite	massive interve- e-rich, graphitio	al of granular-textured rhyolite lapilli tuff (C and black mudstone	Cominco logged as quartz	zite); tuff contains									
< <alt: 14.1<="" td=""><td>1 - 18.04 M</td><td>Moderate Musc</td><td>ovite&gt;&gt; 1-3 mm thick layers of muscovit</td><td>e (+/-graphite) cutting rhy</td><td>volite tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1 - 18.04 M	Moderate Musc	ovite>> 1-3 mm thick layers of muscovit	e (+/-graphite) cutting rhy	volite tuff									



	<b>•</b> •	GOIL	CONSULTANTS LTD.	Project:	ł	ΚΖK		Hole	Number:	K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Ag ppm	Cu %	Pb %	Zn %
18.04	20.40	MDSt	Rhyolite tuff dominant mudstone	dark grey	FG								
18.04 - 20.4 quartzite, lik	: Alternatin ely on the	g bands of blac basis of their gr	k graphitic mudstone and grey rhyolite lap anular texture	billi tuff; Cominco logged th	he tuff layers as								
< <alt: 18.0="" at<="" oriented="" td=""><td>4 - 20.4 W an angle to</td><td>/eak Muscovite</td><td>&gt;&gt; 1-2 mm thick layers of muscovite (+/-</td><td>-graphite) cutting rhyolite t</td><td>tuff layers and</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	4 - 20.4 W an angle to	/eak Muscovite	>> 1-2 mm thick layers of muscovite (+/-	-graphite) cutting rhyolite t	tuff layers and								
< <vein: 19<br="">muscovite-</vein:>	.7 - 26.2 1 rich selvag	5% Quarzt-Chles; partially her	orite-Carbonate 20 deg. >> Fairly massimatized	ve quartz-ankerite veins w	vith chlorite- and								
< <struc: 1<="" td=""><td>9.5 - 19.51</td><td>Moderate-Stro</td><td>ng Foliation&gt;&gt; Bedding-parallel foliation</td><td>in graphitic mudstone and</td><td>d rhyolite tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	9.5 - 19.51	Moderate-Stro	ng Foliation>> Bedding-parallel foliation	in graphitic mudstone and	d rhyolite tuff								
< <struc: 1<="" td=""><td>9.5 - 19.51</td><td>Weak-Modera</td><td>te Bedding&gt;&gt; Alternations between grap</td><td>phitic mudstone and rhyoli</td><td>te tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	9.5 - 19.51	Weak-Modera	te Bedding>> Alternations between grap	phitic mudstone and rhyoli	te tuff								
20.40	25.40	FLZ	Fault Zone	dark grey									
20.4 - 25.4: quartz veins	Heavily fra	ctured, partially	hematized fault zone with significant stree	tches of fault gouge; also	contains thick								
< <alt: 25.3="" at<="" oriented="" td=""><td>- 26.56 W an angle to</td><td>/eak Muscovite</td><td>&gt;&gt; 1-2 mm thick layers of muscovite (+/-</td><td>-graphite) cutting rhyolite t</td><td>tuff layers and</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 26.56 W an angle to	/eak Muscovite	>> 1-2 mm thick layers of muscovite (+/-	-graphite) cutting rhyolite t	tuff layers and								
< <struc: 2<br="">developed</struc:>	0.4 - 25.3 and promir	Strong Fault>> nent fault zone	Extensive fracturing, brecciation, fault g	ouge development and ox	idation; well-								
25.40	26.56	MDSt	Rhyolite tuff dominant mudstone	dark grey	FG								
25.4 - 26.56 quartzite, lik	: Alternatin ely on the	g bands of blac basis of their gr	k graphitic mudstone and grey rhyolite lap anular texture	illi tuff; Cominco logged th	he tuff layers as								
26.56	27.90	RHYvI	Lapilli tuff	grey	FMG								
26.56 - 27.9 thin bands o	: Relative r of muscovit	nassive interva e-rich, graphitic	l of granular-textured rhyolite lapilli tuff (Co and black mudstone	ominco logged as quartzite	e); tuff contains								
< <alt: 26.5<="" td=""><td>6-27.9 M</td><td>oderate Musco</td><td>vite&gt;&gt; 1-3 mm thick layers of muscovite</td><td>(+/-graphite) cutting rhyol</td><td>lite tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	6-27.9 M	oderate Musco	vite>> 1-3 mm thick layers of muscovite	(+/-graphite) cutting rhyol	lite tuff								
< <alt: 27.5<br="">mudstone</alt:>	- 27.9 We ayers	eak-Moderate C	alcite>> Patches of yellowish calcite alto	eration associated with int	erleaved								
27.90	29.61	MDSt	Rhyolite tuff dominant	dark grey	FG								
27.9 - 29.61 quartzite, lik	: Alternatin ely on the	g bands of blac basis of their gr	ck graphitic mudstone and grey rhyolite lap anular texture	villi tuff; Cominco logged th	he tuff layers as								
< <alt: 27.9="" at<="" oriented="" td=""><td>- 29.61 W an angle to</td><td>/eak Muscovite</td><td>&gt;&gt; 1-2 mm thick layers of muscovite (+/-</td><td>-graphite) cutting rhyolite t</td><td>tuff layers and</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 29.61 W an angle to	/eak Muscovite	>> 1-2 mm thick layers of muscovite (+/-	-graphite) cutting rhyolite t	tuff layers and								
< <vein: 28<="" td=""><td>.69 - 29.61</td><td>60% Quartz 7</td><td>5 deg. &gt;&gt; Massive quartz veins with only</td><td>y minor carbonate</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	.69 - 29.61	60% Quartz 7	5 deg. >> Massive quartz veins with only	y minor carbonate									
L													



		GOII	CONSULTANTS LTD.	Project:	٢	(ZK		Hole	Number:	К9	7-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Ag ppm	ı Cu %	Pb %	Zn %
29.61	35.06	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG								<u> </u>
29.61 - 35.00 biotite-rich (p	6: Finely la belitic?) lay	minated grap	phitic mudstone; laminations include yellowish	-grey calcite rich band	s; also some								
< <alt: 29.6<="" td=""><td>1-35.06 V</td><td>Veak-Modera</td><td>ate Calcite&gt;&gt; Scattered patches and bands</td><td>of yellowish-grey calci</td><td>te</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1-35.06 V	Veak-Modera	ate Calcite>> Scattered patches and bands	of yellowish-grey calci	te								
< <alt: 29.6<br="">within mude</alt:>	1 - 40.44 N stone?	Weak-Modera	ate Biotite>> Up to 5 cm thick bands of bioti	te-rich alteration; poss	ibly pelitic layers								
< <vein: 33.<br="">cm in core</vein:>	65 - 46.1 width and g	10% Quartz-( generally with	Carbonate 70 deg. >> Scattered massive qu n high angle TCA	artz-ankerite veins rar	nging from 5-20								
< <struc: 31<br="">graphitic m</struc:>	- 31.01 M udstone	Ioderate-Stro	ong Foliation>> Bedding-parallel foliation def	fined by biotite-calcite	layering within								
35.06	40.44	MDSt	Rhyolite tuff dominant mudstone	dark grey	FG								
35.06 - 40.44 quartzite, like	4: Alternati ely on the I	ng bands of t basis of their	black graphitic mudstone and grey rhyolite lap granular texture	illi tuff; Cominco logge	ed the tuff layers a	S							
40.44	41.51	RHYc	Rhyolite coherant volcanics	light grey	VFG								
40.44 - 41.5 mm thick mu	1: Granulai iscovite-ric	r- to glass-tex h bands	ktured rhyolite that could be a composite tuff-c	oherent interval; cut b	y numerous 1-3								
< <alt: 40.44<="" td=""><td>4-41.51 N</td><td>Moderate Mus</td><td>scovite&gt;&gt; 1-3 mm thick layers of muscovite</td><td>(+/-graphite) cutting co</td><td>oherent rhyolite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	4-41.51 N	Moderate Mus	scovite>> 1-3 mm thick layers of muscovite	(+/-graphite) cutting co	oherent rhyolite								
41.51	43.46	MAFt	Mafic Volcaniclastics	green	FG								
41.51 - 43.40 ish calcite al	<ol> <li>Distinctly teration; al</li> </ol>	y green (i.e. o so locally inte	chlorite-rich) fine-grained and relative massive erlayered with RHYvI and graphitic mudstone	; abundant bands and	patches of yellow	-							
< <min: 43.1<="" td=""><td>- 43.46 5</td><td>5% Min: Pyrite</td><td>e&gt;&gt; Euhedral pyrite in quartz-tourmaline vei</td><td>n</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	- 43.46 5	5% Min: Pyrite	e>> Euhedral pyrite in quartz-tourmaline vei	n									
< <alt: 41.5<="" td=""><td>1 - 43.46 S</td><td>Strong Musco</td><td>ovite&gt;&gt; Patches of very strong biotite-musco</td><td>vite alteration; associa</td><td>ated with</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1 - 43.46 S	Strong Musco	ovite>> Patches of very strong biotite-musco	vite alteration; associa	ated with								
<< Alt: 41.5	1 - 43 46 M	Moderate-Stro	as well as indusione	protolith to chlorite an	d locally biotite								
< <alt: 41.5<="" td=""><td>1 - 43.46 \$</td><td>Strong Biotite</td><td>Patches of very strong biotite-muscovite</td><td>alteration; associated</td><td>with interleaved</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1 - 43.46 \$	Strong Biotite	Patches of very strong biotite-muscovite	alteration; associated	with interleaved								
mafic and r	hyolite tuff,	, as well as m	nudstone										
< <vein: 43.<="" td=""><td>1 - 43.46</td><td>100% Quarzt</td><td>t-Tourmaline-Sulphide 75 deg. &gt;&gt; Massive of Massive</td><td>uartz-tourmaline vein</td><td>with 5% pyrite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	1 - 43.46	100% Quarzt	t-Tourmaline-Sulphide 75 deg. >> Massive of Massive	uartz-tourmaline vein	with 5% pyrite								
<-Siruc. 41	.0 - 41.01				50								
<b>43.46</b> 43.46 - 44.5	44.50 Short inte	RHYVI rval of granul	LapIIII tuff lar-textured rhyolite	grey	FG								
< <alt: 43.40="" chert="" interv<="" td=""><td>6-47.18 M al</td><td>Moderate Silio</td><td>cification&gt;&gt; Patchy silicification over MDSt a</td><td>and RHYvI units immed</td><td>diately overlying</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	6-47.18 M al	Moderate Silio	cification>> Patchy silicification over MDSt a	and RHYvI units immed	diately overlying								



	<b>*</b> -		CONSULIANTS LID.	Project:	ŀ	(ZK		Hole	Number:		K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
44.50	47.18	MDSt	Rhyolite tuff dominant mudstone	dark grey	FG								<u> </u>	<u> </u>
44.5 - 47.18: quartzite, like	Alternatinely on the	ng bands of bl basis of their	ack graphitic mudstone and grey rhyolite lap granular texture	illi tuff; Cominco logged t	he tuff layers as									
47.18	49.96	СНТ	Chert	grey	VFG									
47.18 - 49.96 planar lamina	6: Fine to o ated to co	coarsely lamir mplexly folded	nated grey to white chert and silicified graphit d and disrupted texture	tic mudstone; overall, roc	k is very hard;									
< <alt: 47.18<br="">closely asso</alt:>	3 - 64.21 s	Strong Silicific th chert	cation>> Strong pervasive silicification of g	raphitic mudstone interva	als and layers									
49.96	51.86	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
49.96 - 51.86 texture	3: Interval	of strongly sil	icified mudstone within much longer interval	of chert; complexly folde	d and disrupted									
51.86	59.16	СНТ	Chert	grey	VFG									
51.86 - 59.16 planar lamina	6: Fine to o ated to co	coarsely lamir mplexly folded	nated grey to white chert and silicified graphi d and disrupted texture	tic mudstone; overall, roc	k is very hard;									
< <min: 53.5<br="">within chert</min:>	9 - 53.67	10% Min: Py	rite>> Blebs and veins of pyrite associated	with ankerite-rich interva	al (exhalative?)									
< <struc: 53<="" td=""><td>.5 - 53.51</td><td>Strong Bedd</td><td>ling&gt;&gt; Well-defined bedding between chert</td><td>and graphitic mudstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	.5 - 53.51	Strong Bedd	ling>> Well-defined bedding between chert	and graphitic mudstone										
59.16	60.81	СНТ	Chert	grey-brown	FG									
59.16 - 60.81	1: As abov	e but with thr	ee 5-30 cm ankerite-rich intervals (carbonate	e exhalative?)										
< <min: 59.1<br="">intervals bu</min:>	6 - 60.81 t also cutti	3% Min: Pyri ing chert	te>> Pyrite bands and veins; typically asso	ciated with ankerite-rich	(exhalative?)									
< <alt: 59.16<="" td=""><td>6 - 60.81</td><td>Strong Ankeri</td><td>te&gt;&gt; Possibly exhalative; three 5-30 cm thi</td><td>ick ankerite-rich bands w</td><td>ithin chert</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	6 - 60.81	Strong Ankeri	te>> Possibly exhalative; three 5-30 cm thi	ick ankerite-rich bands w	ithin chert									
60.81	62.05	MDSt	Rhyolite tuff dominant mudstone	dark grey	FG									
60.81 - 62.05	5: Strongly	silicified inte	rval of tuffaceous graphitic mudstone											
< <min: 60.8<="" td=""><td>81 - 63.63</td><td>1% Min: Pyri</td><td>te&gt;&gt; Scattered veins and blebs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	81 - 63.63	1% Min: Pyri	te>> Scattered veins and blebs											
< <struc: 61<="" td=""><td>- 61.01 S</td><td>Strong Beddin</td><td>g&gt;&gt; Well-defined bedding between chert a</td><td>nd graphitic mudstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	- 61.01 S	Strong Beddin	g>> Well-defined bedding between chert a	nd graphitic mudstone										
62.05	64.21	СНТ	Chert	grey	VFG									
62.05 - 64.2 from finely la	1: Weakly minated to	magnetic and o complexly fo	l locally brecciated chert that is interbedded v olded and chaotic	with graphitic mudstone;	layering ranges									



-	V <sup>4</sup>		Project:	K	ZK		Hole	Number:	K97	-180		
From (m)	To (m)	Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Ag ppm	Cu %	Pb %	Zn %
< <min: 62.<="" td=""><td>05 - 63.8 1% Min: Pyrrh</td><td>otite&gt;&gt; Imparts weakly magnetic characteris</td><td>stic to the rock</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><u> </u></td><td></td></min:>	05 - 63.8 1% Min: Pyrrh	otite>> Imparts weakly magnetic characteris	stic to the rock								<u> </u>	
< <min: 63.<="" td=""><td>63 - 63.8 5% Min: Pyrite</td><td>&gt;&gt; Large blebs in basalt part of chert brecci</td><td>ia interval</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	63 - 63.8 5% Min: Pyrite	>> Large blebs in basalt part of chert brecci	ia interval									
< <vein: 63<="" td=""><td>.63 - 73.02 5% Quartz-0</td><td>Carbonate 45 deg. &gt;&gt; Massive 5-30 cm thick</td><td>&lt; quartz with minor and</td><td>kerite veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	.63 - 73.02 5% Quartz-0	Carbonate 45 deg. >> Massive 5-30 cm thick	< quartz with minor and	kerite veins								
64.21	66.82 MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	green	FMG								
64.21 - 66.8 as muscovit	2: Relatively massive an a along hairline fractures	d distinctly green; pervasively altered with bio	tite and ankerite porph	lyroblasts, as well								
< <alt: 64.2<="" td=""><td>1 - 66.82 Moderate Silic</td><td>ification&gt;&gt; Overall lower intensity of silicifica</td><td>ation relative to surrou</td><td>nding rocks</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1 - 66.82 Moderate Silic	ification>> Overall lower intensity of silicifica	ation relative to surrou	nding rocks								
< <alt: 64.2<="" td=""><td>1 - 66.82 Strong Chlorite</td><td>e&gt;&gt; Abundant in the groundmass</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1 - 66.82 Strong Chlorite	e>> Abundant in the groundmass										
< <alt: 64.2<="" td=""><td>1 - 66.82 Weak Biotite&gt;</td><td>&gt; 5-10 cm intervals with 10-20% biotite porp</td><td>ohyroblasts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1 - 66.82 Weak Biotite>	> 5-10 cm intervals with 10-20% biotite porp	ohyroblasts									
< <alt: 64.2<="" td=""><td>1 - 66.82 Moderate Ank</td><td>erite&gt;&gt; 1 mm sized porphyroblasts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1 - 66.82 Moderate Ank	erite>> 1 mm sized porphyroblasts										
< <struc: 64<="" td=""><td>4.21 - 64.22 Contact&gt;&gt;</td><td>Sharp contact between mafic and chert unit</td><td>ts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	4.21 - 64.22 Contact>>	Sharp contact between mafic and chert unit	ts									
66.82	69.55 CHT	Chert	grey	VFG								
66.82 - 69.5 with chert	5: Massive to laminated	chert; the most massive chert interval seen ye	et; graphitic mudstone	is interbedded								
< <min: 66.<="" td=""><td>82 - 74.11 0.5% Min: Py</td><td>rite&gt;&gt; Scattered blebs in chert and silicified</td><td>mudstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	82 - 74.11 0.5% Min: Py	rite>> Scattered blebs in chert and silicified	mudstone									
< <min: 66.<="" td=""><td>82 - 74.11 0.5% Min: Py</td><td>rrhotite&gt;&gt; Scattered blebs in chert and silici</td><td>fied mudstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	82 - 74.11 0.5% Min: Py	rrhotite>> Scattered blebs in chert and silici	fied mudstone									
< <alt: 66.8<="" td=""><td>2 - 69.55 Intense Silicifi</td><td>cation&gt;&gt; Strong to intense silicification of gr</td><td>aphitic mudstone asso</td><td>ciated with chert</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	2 - 69.55 Intense Silicifi	cation>> Strong to intense silicification of gr	aphitic mudstone asso	ciated with chert								
69.55	70.26 MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	green	FG								
69.55 - 70.2	6: Strongly biotite-musco	ovite-ankerite altered mafic intrusion										
< <alt: 69.5<="" td=""><td>5 - 70.26 Strong Chlorite</td><td>e&gt;&gt; Abundant in the groundmass</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	5 - 70.26 Strong Chlorite	e>> Abundant in the groundmass										
< <alt: 69.5<br="">groundmas</alt:>	5 - 70.26 Moderate-Stro	ng Ankerite>> Abundant 1 mm ankerite por	phyroblasts overgrowing	ng chloritized								
< <alt: 69.5<="" td=""><td>5 - 71.05 Moderate-Stro</td><td>ng Silicification&gt;&gt; Silica-dominant blebs and</td><td>d bands</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	5 - 71.05 Moderate-Stro	ng Silicification>> Silica-dominant blebs and	d bands									
< <alt: 69.5<="" td=""><td>5 - 71.05 Moderate Mus</td><td>covite&gt;&gt; Hairline fractures filled with hemat</td><td>ite and muscovite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	5 - 71.05 Moderate Mus	covite>> Hairline fractures filled with hemat	ite and muscovite									
< <alt: 69.5<="" td=""><td>5 - 71.05 Weak-Modera</td><td>te Biotite&gt;&gt; Bands with 10-30% biotite porp</td><td>hyroblasts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	5 - 71.05 Weak-Modera	te Biotite>> Bands with 10-30% biotite porp	hyroblasts									
70.26	71.05 RHYvl	Lapilli tuff	grey	FG								
70.26 - 71.0	5: Ankerite-altered rhyoli	te tuff with fine interbeds of silicified graphitic	mudstone									



	<b>,</b> -'	GOILI	CONSULTANTS LTD.	Project:	KZK	X		Hole	Number:		K97	-180		
From (m)	To (m)		Rocktype & Description		F	rom (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
71.05	72.59	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG		<u> </u>							
71.05 - 72.5	9: Strongly	silicified mudst	one with complexly folded and disrupted textu	re										
< <alt: 71.0<br="">mudstone a</alt:>	5 - 88.87 M and mafic u	Noderate-Stron	g Silicification>> Moderate strong to strong chert interval	pervasive silicification in	n graphitic									
72.59	74.11	СНТ	Chert	dark grey	VFG									
72.59 - 74.1	1: Finely la	minated chert a	and silicified graphitic mudstone, with relatively	/ high mudstone content	t									
< <struc: 73<="" td=""><td>3.1 - 73.11</td><td>Moderate-Stro</td><td>ng Bedding&gt;&gt; Laminated graphitic and calci</td><td>ic mudstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	3.1 - 73.11	Moderate-Stro	ng Bedding>> Laminated graphitic and calci	ic mudstone										
74.11	83.01	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
74.11 - 83.0	1: Finely la	minated, locally	sheared, silicified graphitic mudstone with th	in calcite-rich bands										
< <min: 74.<="" td=""><td>11 - 83.01</td><td>2% Min: Pyrite</td><td>&gt;&gt; Mostly as blebs and vein-like pyrite-pure</td><td>veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	11 - 83.01	2% Min: Pyrite	>> Mostly as blebs and vein-like pyrite-pure	veins										
< <struc: 82<="" td=""><td>2-82.01 W</td><td>/eak Bedding&gt;</td><td>&gt; Weakly defined bedding between graphitic</td><td>and silicic layers</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	2-82.01 W	/eak Bedding>	> Weakly defined bedding between graphitic	and silicic layers										
83.01	87.58	SEDc	calcareous Sediment	dark grey	FMG									
83.01 - 87.5 character ar	8: Relativel d interbedo	y massive to w led graphitic m	eakly bedded quartz-muscovite-ankerite rock; udstone distinguish it from rhyolite units	dark grey colour, mostly	y massive									
< <alt: 83.0<="" td=""><td>1-88.87 V</td><td>Veak Muscovite</td><td>e&gt;&gt; Mostly within hairline veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1-88.87 V	Veak Muscovite	e>> Mostly within hairline veins											
< <alt: 83.0<="" td=""><td>1-89.12 N</td><td>Ioderate Anker</td><td>ite&gt;&gt; Ranges from disseminated blebs to th</td><td>ick bands</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	1-89.12 N	Ioderate Anker	ite>> Ranges from disseminated blebs to th	ick bands										
< <vein: 84<="" td=""><td>.73 - 112.7</td><td>5 5% Quartz-C</td><td>arbonate 70 deg. &gt;&gt; Massive 1-10 cm thick</td><td>quartz +/- ankerite vein</td><td>IS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	.73 - 112.7	5 5% Quartz-C	arbonate 70 deg. >> Massive 1-10 cm thick	quartz +/- ankerite vein	IS									
< <struc: 83<="" td=""><td>3.01 - 83.02</td><td>2 Contact&gt;&gt;</td><td>Sharp contact between graphitic mudstone a</td><td>nd wacke</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	3.01 - 83.02	2 Contact>>	Sharp contact between graphitic mudstone a	nd wacke										
87.58	<b>88.8</b> /	CHI silicified graphi	<b>Chert</b>	DIACK	VFG									
07.00 - 00.0	7. Ottoligiy	Silicified graph												
< <min: 87.<="" td=""><td>58 - 88.87</td><td>2% Min: Pyrite</td><td>&gt;&gt; Associated with silicification and ankerite</td><td>alteration</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	58 - 88.87	2% Min: Pyrite	>> Associated with silicification and ankerite	alteration										
88.87	89.12	INT	undifferentiated (granitic) intrusive rocks	beige	FMG									
88.87 - 89.1 lithological t	2: Pervasiv ransition su	ely altered to b ggest a dyke	eige muscovite with quartz grains and biotite p	porphyroblasts; sharp co	ontacts and									
< <alt: 88.8<br="">ankerite po</alt:>	7 - 89.12  lı rphyroblast	ntense Muscov s	ite>> Near total replacement of protolith with	n muscovite overgrown b	by biotite and									
< <alt: 88.8<br="">and ankerit</alt:>	7 - 89.12 N e porphyrol	/loderate-Stron	g Biotite>> Near total replacement of protoli	th with muscovite overgr	rown by biotite									



	<b>*</b> -	aur	CONSULIANTS LID.	Project:	K	ZK		Hole	Number:	K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm Ag ppm	Cu %	Pb %	Zn %
89.12	94.60	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG								
89.12 - 94.6	Strongly s	silicified gra	aphitic mudstone; minor development of chaoti	c chert-like texture									
< <min: 89.7<br="">&lt;<alt: 89.1<="" td=""><td>12-94.6 0 2-94.6 Si</td><td>).5% Min: F trong Silici</td><td>Pyrite&gt;&gt; Scattered pyrite-dominant veins fication&gt;&gt; Moderate to intense silicification, ir</td><td>ncluding 30 cm interva</td><td>al of chert</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:></min:>	12-94.6 0 2-94.6 Si	).5% Min: F trong Silici	Pyrite>> Scattered pyrite-dominant veins fication>> Moderate to intense silicification, ir	ncluding 30 cm interva	al of chert								
< <alt: 89.1<="" td=""><td>2 - 95.23 1</td><td>Moderate A</td><td>Ankerite&gt;&gt; Blebs and bands of ankerite with r</td><td>minor calcite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	2 - 95.23 1	Moderate A	Ankerite>> Blebs and bands of ankerite with r	minor calcite									
< <vein: 93<br="">chlorite-alte</vein:>	- 93.6 100 ered selvag	)% Quartz jes	55 deg. >> 60 cm wide (core width) quartz ve	ein with minor ankerite	e and strongly								
< <struc: 92<="" td=""><td>2.7 - 92.71</td><td>Moderate</td><td>-Strong Bedding&gt;&gt; Between cherty and graph</td><td>hitic mudstone layers</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	2.7 - 92.71	Moderate	-Strong Bedding>> Between cherty and graph	hitic mudstone layers									
94.60	95.23	MAFt	Matic Volcaniclastics	green	FG								
94.6 - 95.23 somewhat si	milar, thou	and fragme Igh intrusiv	ental matic units; green chlorite is considered d /e generally more massive; could be intrusive w	istinctive; matic intrus vith peperitic contact?	sive and tuff appear								
< <alt: 94.6<="" td=""><td>-95.23 W</td><td>/eak-Mode</td><td>rate Muscovite&gt;&gt; Pervasive alteration of maf</td><td>fic unit to chlorite, mus</td><td>scovite and ankerite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	-95.23 W	/eak-Mode	rate Muscovite>> Pervasive alteration of maf	fic unit to chlorite, mus	scovite and ankerite								
< <alt: 94.6<br="">&lt;<struc: 94<="" td=""><td>- 95.23 M .6 - 94.61</td><td>oderate-St Contact&gt;</td><td>trong Chlorite&gt;&gt; Pervasive alteration of mafic &gt; Sharp contact between graphitic mudstone</td><td>e unit to chlorite, musc e and MAFi</td><td>covite and ankerite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:></alt:>	- 95.23 M .6 - 94.61	oderate-St Contact>	trong Chlorite>> Pervasive alteration of mafic > Sharp contact between graphitic mudstone	e unit to chlorite, musc e and MAFi	covite and ankerite								
95.23	96.83	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG								
95.23 - 96.8	3: Strongly	silicified g	raphitic mudstone; minor development of chao	tic chert-like texture									
< <min: 95.2<="" td=""><td>23 - 96.83</td><td>1% Min: P</td><td>Pyrite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	23 - 96.83	1% Min: P	Pyrite>>										
< <alt: 95.2<="" td=""><td>3 - 96.83 \$</td><td>Strong Silic</td><td>cification&gt;&gt; Pervasively silicified graphitic mu</td><td>dstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	3 - 96.83 \$	Strong Silic	cification>> Pervasively silicified graphitic mu	dstone									
96.83	100.80	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	green	FG								
96.83 - 100.8 rock; sharp o	8: Relative contacts; b	ly massive iotite porpl	e, greenish, chlorite- and muscovite-altered maf hyroblasts	fic dykes with inclusio	ns of sedimentary								
< <min: 100<="" td=""><td>.3 - 100.8</td><td>1% Min: P</td><td>Pyrrhotite&gt;&gt; Small lenticular blebs that help de</td><td>efine foliation</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	.3 - 100.8	1% Min: P	Pyrrhotite>> Small lenticular blebs that help de	efine foliation									
< <alt: 96.8<="" td=""><td>3 - 100.8 \$</td><td>Strong Mus</td><td>scovite&gt;&gt; Predominant alteration mineral toget</td><td>ether with dolomite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	3 - 100.8 \$	Strong Mus	scovite>> Predominant alteration mineral toget	ether with dolomite									
< <alt: 96.8<="" td=""><td>3 - 100.8 I</td><td>Moderate-S</td><td>Strong Dolomite&gt;&gt; Imparts characteristic grey</td><td>yish tint to groundmas</td><td>s; replaces chlorite?</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	3 - 100.8 I	Moderate-S	Strong Dolomite>> Imparts characteristic grey	yish tint to groundmas	s; replaces chlorite?								
< <alt: 96.8<="" td=""><td>3 - 100.8 I</td><td>Moderate E</td><td>Biotite&gt;&gt; Patches with 10-20% biotite porphyr</td><td>roblasts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	3 - 100.8 I	Moderate E	Biotite>> Patches with 10-20% biotite porphyr	roblasts									
100.80	101.30	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG								
100.8 - 101.3	3: Strongly	silicified g	raphitic mudstone										



			CONSULTANTS LTD.	Project:	ĸ	ZK		Hole I	Number:		K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
< <min: 10<="" td=""><td>0.8 - 103.45 1</td><td>I% Min: Pyrite</td><td>&gt;&gt; Mostly as pyrite-pure veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	0.8 - 103.45 1	I% Min: Pyrite	>> Mostly as pyrite-pure veins											
< <alt: 100<="" td=""><td>).8 - 103.45 S</td><td>trong Silicifica</td><td>tion&gt;&gt; Pervasively silicified graphitic mudst</td><td>tone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	).8 - 103.45 S	trong Silicifica	tion>> Pervasively silicified graphitic mudst	tone										
< <alt: 100<="" td=""><td>).8 - 106.93 W</td><td>/eak-Moderate</td><td>e Ankerite&gt;&gt; Prominent downward decrease</td><td>e in intensity</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	).8 - 106.93 W	/eak-Moderate	e Ankerite>> Prominent downward decrease	e in intensity										
< <struc: 7<="" td=""><td>100.8 - 100.81</td><td>Contact&gt;&gt;</td><td>Weakly bedding/foliation discordant contact</td><td>between mafic and grap</td><td>phitic mudstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	100.8 - 100.81	Contact>>	Weakly bedding/foliation discordant contact	between mafic and grap	phitic mudstone									
101.30	101.40	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	green	FG									
101.3 - 101	1.4: Thin interv	al of mafic dy	ke similar to larger interval above											
101.40	103.45	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
101.4 - 103 contact	3.45: Strongly s	silicified, local	ly cherty-like, graphitic mudstone with 1-10 cr	n thick layers of wacke	near lower									
< <struc: 7<="" td=""><td>102.1 - 102.11</td><td>Weak-Mode</td><td>ate Bedding&gt;&gt; Weakly defined between gr</td><td>aphitic and ankerite-rich</td><td>n layers</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	102.1 - 102.11	Weak-Mode	ate Bedding>> Weakly defined between gr	aphitic and ankerite-rich	n layers									
<b>103.45</b> 103.45 - 10	<b>106.93</b> (06.93: Massive	<b>SEDc</b> , granular-tex	calcareous Sediment tured rock consisting mostly of quartz and mu	dark grey uscovite; likely silicified	FMG									
< <min: 10<="" td=""><td>3.45 - 106.93</td><td>0.1% Min: Pv</td><td>rite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	3.45 - 106.93	0.1% Min: Pv	rite>>											
< <alt: 103<="" td=""><td>3.45 - 106.93 I</td><td>, Moderate Silio</td><td>ification&gt;&gt; Slight decrease in silicification ir</td><td>ntensity across wacke u</td><td>nit</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	3.45 - 106.93 I	, Moderate Silio	ification>> Slight decrease in silicification ir	ntensity across wacke u	nit									
< <struc: 7<="" td=""><td>105 - 105.01 V</td><td>Veak-Modera</td><td>e Bedding&gt;&gt; Narrow graphitic mudstone la</td><td>yer in wacke</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	105 - 105.01 V	Veak-Modera	e Bedding>> Narrow graphitic mudstone la	yer in wacke										
106.93	108.69	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
106.93 - 10 contact	)8.69: Strongly	silicified, loca	ally cherty-like, graphitic mudstone with 1-10 o	cm thick layers of wacke	e near lower									
< <min: 10<="" td=""><td>6.93 - 109.42</td><td>1% Min: Pyri</td><td>e&gt;&gt; Mostly as veins cutting both mudstone</td><td>and mafic rock</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	6.93 - 109.42	1% Min: Pyri	e>> Mostly as veins cutting both mudstone	and mafic rock										
< <alt: 106<="" td=""><td>6.93 - 108.69</td><td>Strong Silicific</td><td>ation&gt;&gt; Silicified graphitic argillite with prote</td><td>o-chert like textures</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	6.93 - 108.69	Strong Silicific	ation>> Silicified graphitic argillite with prote	o-chert like textures										
< <struc: 7<="" td=""><td>106.93 - 106.94</td><td>4 Contact&gt;&gt;</td><td>Sharp contact between wacke and mudsto</td><td>ne</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	106.93 - 106.94	4 Contact>>	Sharp contact between wacke and mudsto	ne										
108.69	108.87	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	grey-brown	MG									
108.69 - 10	8.87: Comple	tely altered to	chlorite, muscovite, biotite and ankerite											
< <alt: 108<br="">muscovite</alt:>	8.69 - 108.87 I and dolomite	Moderate-Stro	ng Muscovite>> Short interval of mafic rocl	k that is strongly altered	to biotite,									
< <alt: 108<br="">muscovite</alt:>	8.69 - 108.87 I and dolomite	Moderate-Stro	ng Dolomite>> Short interval of mafic rock	that is strongly altered t	to biotite,									



				Project:		KZK		Hole	Number:		K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
< <alt: 108<br="">muscovite</alt:>	.69 - 108.8 and dolom	7 Moderate-S ite	Strong Biotite>> Short interval of mafic rock that	at is strongly altered to	biotite,									
108.87	109.42	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
108.87 - 10 contact	9.42: Stron	gly silicified, l	ocally cherty-like, graphitic mudstone with 1-10	cm thick layers of wacl	ke near lower									
< <alt: 108<="" td=""><td>.87 - 109.42</td><td>2 Moderate-S</td><td>Strong Silicification&gt;&gt; Silicified graphitic argillit</td><td>e</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.87 - 109.42	2 Moderate-S	Strong Silicification>> Silicified graphitic argillit	e										
< <alt: 108<="" td=""><td>.87 - 109.42</td><td>2 Weak-Mode</td><td>erate Ankerite&gt;&gt; Scattered ankerite crystals to</td><td>o 1 mm in size</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.87 - 109.42	2 Weak-Mode	erate Ankerite>> Scattered ankerite crystals to	o 1 mm in size										
109.42	109.87	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	grey-brown	MG									
109.42 - 10	9.87: Comp	letely altered	to chlorite, muscovite, biotite and ankerite											
< <min: 109<="" td=""><td>9.81 - 110.9</td><td>2% Min: Py</td><td>rite&gt;&gt; Lenticular to massive blebs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	9.81 - 110.9	2% Min: Py	rite>> Lenticular to massive blebs											
< <alt: 109<br="">muscovite</alt:>	.42 - 109.8 and dolom	7 Moderate-S ite	Strong Muscovite>> Short interval of mafic roc	k that is strongly altere	ed to biotite,									
< <alt: 109<br="">muscovite</alt:>	.42 - 109.8 and dolom	7 Moderate-S ite	Strong Dolomite>> Short interval of mafic rock	that is strongly altered	to biotite,									
< <alt: 109<br="">muscovite</alt:>	.42 - 109.8 and dolom	7 Moderate-S ite	Strong Biotite>> Short interval of mafic rock the	at is strongly altered to	biotite,									
109.87	110.19	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
109.87 - 11 contact	0.19: Stron	gly silicified, l	ocally cherty-like, graphitic mudstone with 1-10	cm thick layers of wacl	ke near lower									
< <alt: 109<="" td=""><td>.87 - 110.9</td><td>Strong Silicif</td><td>ication&gt;&gt; Proto-chert like textures</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.87 - 110.9	Strong Silicif	ication>> Proto-chert like textures											
< <alt: 109<="" td=""><td>.87 - 110.9</td><td>Weak-Mode</td><td>rate Ankerite&gt;&gt; Scattered blebs and fracture-f</td><td>ills</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.87 - 110.9	Weak-Mode	rate Ankerite>> Scattered blebs and fracture-f	ills										
110.19	110.29	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	grey-brown	MG									
110.19 - 11	0.29: Comp	letely altered	to chlorite, muscovite, biotite and ankerite											
110.29	110.90	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
110.29 - 11	0.9: Strong	biotite and m	uscovite overprint											
CCStruc: 1	10 95 110	86 Moderat	Paddingss - Potwoon silicic and graphitic law											
<-Struc. 1	10.00 - 110			10										



	<b>~</b> = '	GOII	CONSULTANTS LTD.	Project:	к	ZK		Hole	Number:		K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
110.90	111.73	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	green	FMG									
110.9 - 111. muscovite a	73: Bandeo nd biotite	d and altered	mafic intrusions; bands are silicic or calcite-rich	h; silicic bands altere	ed to chlorite,									
< <min: 110<="" td=""><td>.93 - 113.4</td><td>5 1% Min: P</td><td>vrrhotite&gt;&gt; Blebs and veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	.93 - 113.4	5 1% Min: P	vrrhotite>> Blebs and veins											
< <alt: 110.<="" td=""><td>9 - 111.73</td><td>Moderate Sil</td><td>cification&gt;&gt; Blebs and vein-like aggregates</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	9 - 111.73	Moderate Sil	cification>> Blebs and vein-like aggregates											
< <alt: 110.<="" td=""><td>9 - 111.73</td><td>Moderate-Str</td><td>ong Calcite&gt;&gt; Pervasive replacement of gro</td><td>undmass by chlorite</td><td>and ankerite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	9 - 111.73	Moderate-Str	ong Calcite>> Pervasive replacement of gro	undmass by chlorite	and ankerite									
< <alt: 110.<="" td=""><td>9 - 111.73</td><td>Moderate-Str</td><td>ong Ankerite&gt;&gt; Rock has a reddish tint and</td><td>1 mm sized ankerite</td><td>e porphyroblasts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	9 - 111.73	Moderate-Str	ong Ankerite>> Rock has a reddish tint and	1 mm sized ankerite	e porphyroblasts									
111.73	113.45	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
111.73 - 113	3.45: Strong	gly silicified gr	aphitic mudstone with minor chert intervals											
< <alt: 111.<br="">least two 3</alt:>	73 - 129.57 0-40 cm int	Weak-Mode ervals of stro	erate Silicification>> Pervasive silicification of ng silicification	f graphitic to calcare	eous mudstone; at									
113.45	119.51	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	FG									
113.45 - 119	9.51: Typica	al silicified gra	phitic mudstone with 15% calcareous bands											
< <min: 113<="" td=""><td>.45 - 129.5</td><td>7 0.5% Min:</td><td>Pyrite&gt;&gt; Mostly lenticular to massive blebs;</td><td>scattered veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	.45 - 129.5	7 0.5% Min:	Pyrite>> Mostly lenticular to massive blebs;	scattered veins										
< <min: 113<="" td=""><td>.45 - 129.5</td><td>7 0.5% Min:</td><td>Pyrrhotite&gt;&gt; most massive to lenticular blebs</td><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	.45 - 129.5	7 0.5% Min:	Pyrrhotite>> most massive to lenticular blebs	5										
< <struc: 1<br="">rich layers</struc:>	18 - 118.01	Moderate-St	rong Bedding>> Well-defined bedding betwee	een graphitic, siliceo	us and carbonate-									
119.51	126.50	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
119.51 - 126 cm thick lay	6.5: Modera ers of wack	ately strong to a also occur,	intensely silicified graphitic mudstone, locally showing sharp contacts with surrounding mud	passing into well-lar stone	ninated chert; 1-10									
< <struc: 12<br="">rich layers</struc:>	22.4 - 122.4	1 Moderate-	Strong Bedding>> Well-defined bedding betw	ween graphitic, silice	eous and carbonate	-								
< <struc: 12="" layers<="" rich="" td=""><td>25.2 - 125.2</td><td>21 Moderate-</td><td>Strong Bedding&gt;&gt; Well-defined bedding betw</td><td>ween graphitic, silice</td><td>eous and carbonate</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	25.2 - 125.2	21 Moderate-	Strong Bedding>> Well-defined bedding betw	ween graphitic, silice	eous and carbonate	-								
126.50	129.57	MDS	Carbonaceous Mudstone &	black	FG									
126 5 - 129	57 <sup>.</sup> Typical	silicified oran	hitic mudstone with 15% calcareous bands											
120.0 - 120.		emonica grap												



EGUI	QUIT	CONSULTANTS LTD.	Project:		KZK		Hole	Number:						
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
129.57	129.89	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	brown	FMG									
129.57 - 129 altered mafi	9.89: Massi c dyke (i.e.	ive mafic dyke where is chloi	(or lamprophyre?) consisting of biotite, dolom rite?) or lamprophyre	ite and muscovite; eit	her completely									
< <alt: 129.<="" td=""><td>67 - 129.89</td><td>9 Weak Musco</td><td>ovite&gt;&gt; Scattered occurrence of muscovite f</td><td>lakes</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	67 - 129.89	9 Weak Musco	ovite>> Scattered occurrence of muscovite f	lakes										
< <alt: 129.<="" td=""><td>67 - 129.89</td><td>9 Moderate-St</td><td>rong Dolomite&gt;&gt; Pinkish grey mineral that o</td><td>lominates the ground</td><td>mass</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	67 - 129.89	9 Moderate-St	rong Dolomite>> Pinkish grey mineral that o	lominates the ground	mass									
< <alt: 129.<="" td=""><td>67 - 129.89</td><td>9 Moderate-St</td><td>rong Biotite&gt;&gt; Abundant 1 mm-sized porphy</td><td>/roblasts</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	67 - 129.89	9 Moderate-St	rong Biotite>> Abundant 1 mm-sized porphy	/roblasts										
< <struc: 12<="" td=""><td>29.57 - 129</td><td>.58 Contact&gt;</td><td>&gt; Sharp contact between mudstone and rhy</td><td>olite tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	29.57 - 129	.58 Contact>	> Sharp contact between mudstone and rhy	olite tuff										
129.89	131.64	RHYvI	Lapilli tuff	light grey	FMG									
129.89 - 13 eyes, relativ	1.64: Relati ely high ab	vely fine-grain oundance of qu	ed and light coloured lapilli tuff, compared to in artz-dominant lapilli to 5 mm in length; matrix	nterval underneath it; predominantly musco	scattered quartz									
< <alt: 129.<="" td=""><td>89 - 131.64</td><td>4 Moderate Si</td><td>licification&gt;&gt; Appears to overprint muscovite</td><td>and ankerite alteration</td><td>on</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	89 - 131.64	4 Moderate Si	licification>> Appears to overprint muscovite	and ankerite alteration	on									
< <alt: 129.<="" td=""><td>89 - 131.64</td><td>4 Moderate M</td><td>uscovite&gt;&gt; Groundmass dominated by fine-</td><td>grained to flakey mus</td><td>covite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	89 - 131.64	4 Moderate M	uscovite>> Groundmass dominated by fine-	grained to flakey mus	covite									
< <alt: 129.<="" td=""><td>89 - 132.94</td><td>4 Moderate Ar</td><td>hkerite&gt;&gt; Forms blebs and porphyroblasts u</td><td>p to 1 mm in size</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	89 - 132.94	4 Moderate Ar	hkerite>> Forms blebs and porphyroblasts u	p to 1 mm in size										
131.64	132.94	RHYvI	Lapilli tuff	grey	MCG									
131.64 - 132	2.94: Flatte	ned lapilli up to	o 3 cm in length in a relatively dark matrix of m	nuscovite and biotite										
~~Min: 131	64 132 0	0 1% Min: E	Puritoss Scattored blobs in histite rich group	dmass										
<	.04 - 132.8 64 - 132.0/	1 Moderate Bi	otite>> Mostly biotite rather than muscovite	in the groundmass										
<>Struc: 13 groundmas	32 - 132.01 s	Moderate-Str	rong Foliation>> Strong foliation defined by f	lattened lapilli and bio	otite in the									
132.94	133.64	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	brown	FMG									
132.94 - 133 altered mafi	3.64: Massi c dyke (i.e.	ive mafic dyke where is chlor	(or lamprophyre?) consisting of biotite, dolom rite?) or lamprophyre	ite and muscovite; eit	her completely									
< <alt: 132.<br="">lamprophy</alt:>	94 - 133.64 re?	4 Moderate Do	plomite>> Near total replacement of mafic pl	rotolith with biotite and	d dolomite; or									
< <alt: 132.<br="">lamprophy</alt:>	94 - 133.64 re?	4 Strong Biotit	Near total replacement of mafic protolit	h with biotite and dolo	omite; or									
< <vein: 13="" td="" veinlets="" wit<=""><td>2.94 - 133. hin strongly</td><td>64 15% Quar y biotite-altered</td><td>tz-Carbonate-Sulphide 80 deg. &gt;&gt; Swarm of d mafic dyke (lamprophyre?)</td><td>0.5-1 cm thick calcite</td><td>e-pyrite-quartz</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	2.94 - 133. hin strongly	64 15% Quar y biotite-altered	tz-Carbonate-Sulphide 80 deg. >> Swarm of d mafic dyke (lamprophyre?)	0.5-1 cm thick calcite	e-pyrite-quartz									
133.64	136.44	RHYvI	Lapilli tuff	grey-brown	MCG									
133.64 - 136	6.44: Flatte	ned lapilli up to	o 3 cm in length in a relatively dark matrix of m	nuscovite and biotite										
< <min: 133<="" td=""><td>8.64 - 136.4</td><td>4 0.1% Min: F</td><td>Pyrite&gt;&gt; Scattered blebs in biotite-rich groun</td><td>dmass</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	8.64 - 136.4	4 0.1% Min: F	Pyrite>> Scattered blebs in biotite-rich groun	dmass										



		Project:	ł	<b>KZK</b>		Hole	Number:	K97-180						
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
< <alt: 133.<br="">though rati</alt:>	64 - 136.44 o flips dowr	Weak-Moder	rate Muscovite>> Generally more bic	tite than muscovite in the	groundmass,									
< <alt: 133.<br="">ratio flips d</alt:>	64 - 136.44 ownwards	Moderate-Sti	rong Biotite>> Generally more biotite	than muscovite in the gro	undmass, though									
< <alt: 133.<="" td=""><td>64 - 139.63</td><td>8 Weak-Moder</td><td>rate Silicification&gt;&gt; Patches of harde</td><td>r and softer material</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	64 - 139.63	8 Weak-Moder	rate Silicification>> Patches of harde	r and softer material										
< <alt: 133.<="" td=""><td>64 - 139.63</td><td>3 Trace Ankeri</td><td>te&gt;&gt; Scarce and restricted to lapilli</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	64 - 139.63	3 Trace Ankeri	te>> Scarce and restricted to lapilli											
136.44	139.63	RHYv	Rhyolite volcaniclastic	grey	MG									
136.44 - 139 groundmass	9.63: Some with biotite	what finer-grai e porphyroblas	ned (in terms of lapilli) and lighter lapill ts; contact with adjacent RHYvI is grac	i tuff, comprising mostly a lational	muscovite-rich									
< <alt: 136.<br="">muscovite/</alt:>	44 - 139.63 sericite	3 Strong Musc	ovite>> Near total replacement of gr	oundmass with greenish-g	rey									
< <alt: 136.<br="">to 30% in t</alt:>	44 - 139.63 he bottom 4	Moderate Bio 40 cm	otite>> Around 20% biotite porphyrol	plasts across most of this i	nterval, increasing									
< <struc: 1<br="">groundmas</struc:>	37.3 - 137.3 s	31 Moderate-S	Strong Foliation>> Strong foliation de	fined by flattened lapilli and	d biotite in the									
139.63	140.62	MDS	Carbonaceous Mudstone	e & black	VFG									
139.63 - 140	).62: Silicifi	ed graphitic m	udstone											
< <min: 139<="" td=""><td>0.63 - 140.6</td><td>2 0.5% Min: F</td><td>Pyrite&gt;&gt; Blebs within hairline calcite</td><td>vein</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	0.63 - 140.6	2 0.5% Min: F	Pyrite>> Blebs within hairline calcite	vein										
< <alt: 139.<="" td=""><td>63 - 140.62</td><td>2 Moderate-St</td><td>rong Silicification&gt;&gt; Relatively hard g</td><td>raphitic argillite but lacking</td><td>g siliceous layers</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	63 - 140.62	2 Moderate-St	rong Silicification>> Relatively hard g	raphitic argillite but lacking	g siliceous layers									
< <vein: 14<br="">abundant v</vein:>	0.2 - 140.3 eins furthe	1 100% Quart r up hole	z 70 deg. >> Massive quartz-domina	nt vein with minor ankerite	; similar to more									
< <struc: 1<="" td=""><td>39.63 - 139</td><td>.95 Weak-Mo</td><td>derate Fault&gt;&gt; Heavily fractured inte</td><td>rval with minor developme</td><td>nt of fault gouge</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	39.63 - 139	.95 Weak-Mo	derate Fault>> Heavily fractured inte	rval with minor developme	nt of fault gouge									
140.62	141.02	PEL	Equigranular biotite + ca +/- quartz rock	llcite dark grey	FG									
140.62 - 14 rich pelite (?	1.02: Finely ')	interlaminated	l grey chert and black silicified mudsto	ne with coarser lamination	s of biotite-ankerite	-								
< <alt: 140.<br="">argillite</alt:>	62 - 141.02	2 Moderate Bio	btite>> Biotite-ankerite-rich metapelit	e bands interbedded with	silicified graphitic									
< <alt: 140.<br="">argillite</alt:>	62 - 141.02	2 Moderate An	kerite>> Biotite-ankerite-rich metape	lite bands interbedded with	h silicified graphitic									
< <struc: 1<br="">mudstone</struc:>	41 - 141.01 ayers	Moderate-Str	ong Bedding>> Well-developed folia	tion-parallel bedding betwe	een siltstone and									



		aon	CONSULIANTS LID.	Project:	K	KZK		Hole Number:		K97-180				
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
141.02	159.29	SLT	Siltstone - fine-grained sedimentary rock	dark grey	FG									
141.02 - 15	9.29: Silicif	ied and inter	calated grey siltstone and black graphitic mud	stone										
< <min: 14<="" td=""><td>1.02 - 159.2</td><td>29 0.1% Min</td><td>: Pyrrhotite&gt;&gt; Scattered blebs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	1.02 - 159.2	29 0.1% Min	: Pyrrhotite>> Scattered blebs											
< <alt: 141<br="">though not</alt:>	.02 - 159.29 as hard as	Weak-Modes overlying in	derate Silicification>> Still somewhat hard gr tervals	raphitic argillite and silts	tone layers,									
< <alt: 141<="" td=""><td>.02 - 159.29</td><td>9 Weak-Moo</td><td>derate Muscovite&gt;&gt; Greenish-grey patches</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.02 - 159.29	9 Weak-Moo	derate Muscovite>> Greenish-grey patches											
< <struc: 1<br="">mudstone</struc:>	45.5 - 145. layers	51 Moderate	e-Strong Bedding>> Well-developed foliation	n-parallel bedding betwe	en siltstone and									
< <struc: 1<br="">mudstone</struc:>	51 - 151.01 layers	Moderate-S	Strong Bedding>> Well-developed foliation-p	parallel bedding betweer	n siltstone and									
< <struc: 1<br="">mudstone</struc:>	57 - 157.01 layers	Moderate-S	Strong Bedding>> Well-developed foliation-p	parallel bedding betweer	n siltstone and									
159.29	159.71	СНТ	Chert	dark grey	VFG									
159.29 - 15 folded textu	9.71: Eithei ire	r chert interla	ayered with mudstone or intensely silicified mu	idstone; finely laminated	d with chaotic and									
< <min: 15<="" td=""><td>9.29 - 159.7</td><td>71 1% Min: I</td><td>Pyrrhotite&gt;&gt; Slightly elevated pyrrhotite cont</td><td>ent associated with che</td><td>ert interval</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	9.29 - 159.7	71 1% Min: I	Pyrrhotite>> Slightly elevated pyrrhotite cont	ent associated with che	ert interval									
< <alt: 159<="" td=""><td>.29 - 159.7</td><td>1 Intense Si</td><td>licification&gt;&gt; Very strong silicification on che</td><td>ert interval</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.29 - 159.7	1 Intense Si	licification>> Very strong silicification on che	ert interval										
< <vein: 15<br="">from 0.1-2</vein:>	59.29 - 178. 5 cm in cor	35 7.5% Qu e width	uartz-Carbonate 80 deg. >> Massive to foliat	ion parallel quartz-anke	rite veins ranging									
159.71	161.39	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
159.71 - 16	1.39: Mostl	y silicified gr	aphitic mudstone with lesser amounts of siltst	one										
< <min: 15<="" td=""><td>9.71 - 179.9</td><td>96 0.1% Min</td><td>: Pyrite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	9.71 - 179.9	96 0.1% Min	: Pyrite>>											
< <min: 15<="" td=""><td>9.71 - 179.9</td><td>96 0.1% Min</td><td>: Pyrrhotite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	9.71 - 179.9	96 0.1% Min	: Pyrrhotite>>											
< <alt: 159<="" td=""><td>.71 - 161.39</td><td>9 Weak-Moo</td><td>derate Calcite&gt;&gt; Manifested as a swarm of 2</td><td>1-5 mm wide bands</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.71 - 161.39	9 Weak-Moo	derate Calcite>> Manifested as a swarm of 2	1-5 mm wide bands										
< <alt: 159<="" td=""><td>.71 - 163.28</td><td>B Moderate</td><td>Silicification&gt;&gt; Ranges from weakly to stron</td><td>gly silicified</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.71 - 163.28	B Moderate	Silicification>> Ranges from weakly to stron	gly silicified										
161.39	163.28	SED	undifferentiated Sediment	grey	FMG									
161.39 - 16	3.28: Stron	gly silicified of	greenish-grey wacke; greenish tint likely relate	ed to sericite alteration										
< <alt: 161<br="">greenish ti</alt:>	.39 - 163.8; nt	3 Weak-Moo	derate Muscovite>> Pervasive muscovite alt	eration in the groundma	ass provides a									
<struc: 1<br="">mudstone</struc:>	63 - 163.01 layers	Moderate-S	Strong Bedding>> Well-developed foliation-p	parallel bedding betweer	n siltstone and									



	<b>,</b> -'	GOLI	CONSULTA	ANTS LTD.	Project:	к	ZK		Hole	Number:	K97	-180		
From (m)	To (m)		Rock	type & Description			From (m)	To (m)	Width	Sample	Au ppm Ag ppm	Cu %	Pb %	Zn %
163.28	163.83	PEL	Equigranı +/- quartz	ular biotite + calcite rock	brown	MG								
163.28 - 16 both ankerit	3.83: Biotite e and calcit	-rich metap e, and is m	elite (or lamprophyr uch more abundant	e?) with numerous carbonate- that quartz; matrix consists m	quartz bands; carbo ostly of quartz	onate includes								
< <alt: 163<="" td=""><td>.28 - 163.83</td><td>Moderate</td><td>-Strong Calcite&gt;&gt;</td><td>Manifested as a swarm of 1-5</td><td>mm wide bands</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.28 - 163.83	Moderate	-Strong Calcite>>	Manifested as a swarm of 1-5	mm wide bands									
< <alt: 163<="" td=""><td>.28 - 163.83</td><td>Moderate</td><td>-Strong Biotite&gt;&gt;</td><td>Near total alteration of (pelitic?</td><td>) protolith to biotite</td><td>and muscovite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.28 - 163.83	Moderate	-Strong Biotite>>	Near total alteration of (pelitic?	) protolith to biotite	and muscovite								
163.83	167.95	SLT	Siltstone sedimenta	- fine-grained ary rock	dark grey	FG								
163.83 - 16 rich bands	7.95: Silicifi	ed and inter	calated grey siltstor	ne and black graphitic mudstor	ne; hosts 5-10% ca	rbonate +/- quartz								
< <alt: 163<="" td=""><td>.83 - 182.14</td><td>Moderate</td><td>Silicification&gt;&gt; Ra</td><td>anges from weakly to strongly</td><td>silicified</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.83 - 182.14	Moderate	Silicification>> Ra	anges from weakly to strongly	silicified									
< <alt: 163<br="">greenish ti</alt:>	.83 - 182.14 nt	Moderate	Muscovite>> Mos	t abundant within sub-intervals	s of wacke, which g	enerally has a								
< <alt: 163<="" td=""><td>.83 - 182.14</td><td>Weak-Mo</td><td>derate Calcite&gt;&gt;</td><td>Manifested as a swarm of 1-5</td><td>mm wide bands</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.83 - 182.14	Weak-Mo	derate Calcite>>	Manifested as a swarm of 1-5	mm wide bands									
167.95	178.35	SEDc	calcareou	s Sediment	grey	FMG								
167.95 - 17 reflecting ox	8.35: Fairly kidation and	diverse lool ankerite, a	king wacke with green nd then the more ty	enish-tinted intervals indicating pical stretches of grey wacke	sericite alteration,	reddish intervals								
< <alt: 176<="" td=""><td>.4 - 182.66</td><td>Weak-Mod</td><td>erate Ankerite&gt;&gt;</td><td>ncreases in abundance toward</td><td>ds the chert layer</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.4 - 182.66	Weak-Mod	erate Ankerite>>	ncreases in abundance toward	ds the chert layer									
< <struc: 1<br="">mudstone</struc:>	69 - 169.01 layers	Moderate-	Strong Bedding>>	Well-developed foliation-para	llel bedding betwee	n wacke and								
< <struc: 1<="" td=""><td>70.75 - 171</td><td>.09 Weak-M</td><td>Noderate Fault&gt;&gt;</td><td>Fractured interval of which 50°</td><td>% is gravel to clay-</td><td>sized fault gouge</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	70.75 - 171	.09 Weak-M	Noderate Fault>>	Fractured interval of which 50°	% is gravel to clay-	sized fault gouge								
< <struc: 1<br="">mudstone</struc:>	75 - 175.01 layers	Moderate-	Strong Bedding>>	Well-developed foliation-para	llel bedding betwee	n siltstone and								
178.35	182.14	SLT	Siltstone sedimenta	- fine-grained ary rock	dark grey	FG								
178.35 - 18 forms the th	2.14: Interb iickest beds	edded muds ; also notat	stone, siltstone and ble for relatively abu	wacke with individual beds rar ndant quartz veining as well as	nging from 0.1-20 c s increased oxidation	m thick; wacke n								
< <min: 179<="" td=""><td>9.96 - 184.5</td><td>2 0.5% Mir</td><td>1: Pyrite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	9.96 - 184.5	2 0.5% Mir	1: Pyrite>>											
< <vein: 17<br="">associated</vein:>	78.35 - 182. with faultin	63 15% Qu g and relati	artz-Carbonate 80 o	deg. >> Quartz-ankerite vein າ	s with chlorite selva	ges and								
< <struc: 1<="" td=""><td>78.4 - 178.8</td><td>5 Weak-M</td><td>oderate Fault&gt;&gt; F</td><td>ractured interval of which 50%</td><td>is gravel to clay-si</td><td>zed fault gouge</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	78.4 - 178.8	5 Weak-M	oderate Fault>> F	ractured interval of which 50%	is gravel to clay-si	zed fault gouge								
< <struc: 1<br="">mudstone</struc:>	81.5 - 181.5 layers	1 Moderat	e-Strong Bedding>>	• Well-developed foliation-pa	rallel bedding betw	een siltstone and								



From (m)       To (m)       Rocktype & Description       From (m)       To (m)       Width       Sample       Au ppm       Ag ppm       Cu %       Pb %       Zn %         182.14       182.63       CHT       Chert       grey       VFG         182.14       182.63       CHT       Chert       grey       VFG         182.14       182.63       Interve of Intely laminated
182.14       182.63       CHT       Chert       grey       VFG         182.14 - 182.63: Massive grey to finely laminated
182.14 - 182.63: Massive grey to finely laminated         <<
< <p>&lt;<alt: -="" 182.14="" 182.66="" intense="" silicification="">&gt; Very strong silicification on chert interval          182.63       184.52       MDS       Carbonaceous Mudstone &amp; black       VFG         182.63       184.52       MDS       Carbonaceous Mudstone       VFG         182.63 - 184.52: Relatively massive interval of silicified graphitic mudstone           &lt;<alt: -="" 182.66="" 184.52<="" td="">       Moderate-Strong Silicification&gt;&gt; Strongly silicified and very hard graphitic mudstone         &lt;<alt: -="" 182.66="" 184.52<="" td="">       Netropy Silicification&gt;&gt; Strongly silicified and very hard graphitic mudstone         184.52       184.78       RHYcf       Feldspar &amp; feldspar quartz       red       FMG         porphyry       184.52 - 184.78: Short interval of pervasively ankerite- and greenish sericite-altered rhyolite (?); scattered quartz and feldspar eyes (&lt;1%) suggest felsic protolith; quartz patches suggest silicification; sharp lithological and mineralogical contacts with surrounding sedimentary rock</alt:></alt:></alt:></p>
182.63       184.52       MDS       Carbonaceous Mudstone & black       VFG         182.63       184.52       MDS       Carbonaceous Mudstone         182.63       184.52: Relatively massive interval of silicified graphitic mudstone         < <alt:< td="">       182.66       184.52       Moderate-Strong Silicification&gt;&gt;       Strongly silicified and very hard graphitic mudstone         184.52       184.78       RHYcf       Feldspar &amp; feldspar quartz       red       FMG         184.52       184.78: Short interval of pervasively ankerite- and greenish sericite-altered rhyolite (?); scattered quartz and feldspar eyes (&lt;1%) suggest felsic protolith; quartz patches suggest silicification; sharp lithological and mineralogical contacts with surrounding sedimentary rock</alt:<>
182.63 - 184.52: Relatively massive interval of silicified graphitic mudstone         < <alt: -="" 182.66="" 184.52="" moderate-strong="" silicification="">&gt; Strongly silicified and very hard graphitic mudstone         184.52 184.78 RHYcf       Feldspar &amp; feldspar quartz       red       FMG         184.52 - 184.78: Short interval of pervasively ankerite- and greenish sericite-altered rhyolite (?); scattered quartz and feldspar eyes (&lt;1%) suggest felsic protolith; quartz patches suggest silicification; sharp lithological and mineralogical contacts with surrounding sedimentary rock</alt:>
< <alt: -="" 182.66="" 184.52="" moderate-strong="" silicification="">&gt; Strongly silicified and very hard graphitic mudstone <b>184.52 184.78 RHYcf Feldspar &amp; feldspar quartz red FMG</b> <b>porphyry</b> 184.52 - 184.78: Short interval of pervasively ankerite- and greenish sericite-altered rhyolite (?); scattered quartz and feldspar eyes (&lt;1%) suggest felsic protolith; quartz patches suggest silicification; sharp lithological and mineralogical contacts with surrounding sedimentary rock &lt; <li> </li> <li> </li></alt:>
184.52       184.78       RHYcf       Feldspar & feldspar quartz       red       FMG         184.52       184.78: Short interval of pervasively ankerite- and greenish sericite-altered rhyolite (?); scattered quartz and feldspar eyes (<1%) suggest felsic protolith; quartz patches suggest silicification; sharp lithological and mineralogical contacts with surrounding sedimentary rock
184.52 - 184.78: Short interval of pervasively ankerite- and greenish sericite-altered rhyolite (?); scattered quartz and feldspar eyes (<1%) suggest felsic protolith; quartz patches suggest silicification; sharp lithological and mineralogical contacts with surrounding sedimentary rock <p>       Increased pyrite in associated with narrow felsic unit that is strongly altered to ankerite and muscovite</p>
< <min: -="" 10%="" 184.52="" 184.78="" min:="" pyrite="">&gt; Increased pyrite in associated with narrow felsic unit that is strongly altered to ankerite and muscovite</min:>
< <alt: -="" 184.52="" 184.78="" silicification="" weak-moderate="">&gt; As small patches and pseudo-veins</alt:>
< <alt: -="" 184.52="" 184.78="" moderate-strong="" muscovite="">&gt; Near total replacement of felsic dyke by muscovite and ankerite</alt:>
< <alt: -="" 184.52="" 184.78="" ankerite="" moderate-strong="">&gt; Near total replacement of felsic dyke by muscovite and ankerite</alt:>
< <struc: -="" 184.52="" 184.53="" contact="">&gt; Sharp contact between mudstone-siltstone unit and pervasively altered felsic</struc:>
184.78 188.11 MDS Carbonaceous Mudstone & black VFG Tuffaceous Mudstone
184.78 - 188.11: Relatively massive interval of silicified graphitic mudstone
< <min: -="" 0.5%="" 184.78="" 188.84="" min:="" pyrite="">&gt; Calcite-pyrite hairline veins appear to extend of altered felsic intervals</min:>
< <alt: -="" 184.78="" 188.11="" moderate="" silicification="">&gt; Ranges from weakly to strongly silicified</alt:>
< <vein: -="" 100%="" 185.67="" 185.81="" 60="" deg.="" quartz="">&gt; Quartz vein with minor ankerite and chlorite selvage</vein:>
< <struc: -="" 184.78="" 185.67="" fault="" weak-moderate="">&gt; Heavily fractured with local development of in situ fault gouge</struc:>
188.11 188.23 RHYcf Feldspar & feldspar quartz red FMG
porphyry
188.11 - 188.23: Short interval of pervasively ankerite- and greenish sericite-altered rhyolite (?); scattered quartz and feldspar eyes (<1%) suggest felsic protolith; quartz patches suggest silicification; sharp lithological and mineralogical contacts with surrounding sedimentary rock
< <alt: -="" 188.11="" 188.23="" silicification="" weak-moderate="">&gt; As small patches and pseudo-veins</alt:>
< <alt: -="" 188.11="" 188.23="" moderate-strong="" muscovite="">&gt; Near total replacement of felsic dyke by muscovite and ankerite</alt:>



EGOIT		CONSULTANTS LTD.	Project:	к	ZK	Hole Number:							
From (m)	To (m)	Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
< <alt: 188.<="" td=""><td>11 - 188.23 Moderate-</td><td>Strong Ankerite&gt;&gt; Near total replacement of</td><td>felsic dyke by muscov</td><td>ite and ankerite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><u> </u></td></alt:>	11 - 188.23 Moderate-	Strong Ankerite>> Near total replacement of	felsic dyke by muscov	ite and ankerite									<u> </u>
188.23	188.84 MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
188.23 - 188	3.84: Relatively massive	e interval of silicified graphitic mudstone											
< <alt: 188.<="" td=""><td>23 - 188.84 Moderate-</td><td>Strong Silicification&gt;&gt; Ranges from weakly to</td><td>o strongly silicified</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	23 - 188.84 Moderate-	Strong Silicification>> Ranges from weakly to	o strongly silicified										
188.84	189.18 RHYcf	Feldspar & feldspar quartz porphyry	red	FMG									
188.84 - 189 feldspar eye contacts with	9.18: Short interval of pe s (<1%) suggest felsic h surrounding sediment	ervasively ankerite- and greenish sericite-altere protolith; quartz patches suggest silicification; tary rock	ed rhyolite (?); scattere sharp lithological and r	d quartz and nineralogical									
< <min: 188<br="">to ankerite</min:>	8.84 - 189.18 2% Min: F and muscovite	Pyrite>> Increased pyrite in associated with n	arrow felsic unit that is	s strongly altered									
< <alt: 188.<="" td=""><td>84 - 189.18 Weak-Moo</td><td>derate Silicification&gt;&gt; As small patches and p</td><td>seudo-veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	84 - 189.18 Weak-Moo	derate Silicification>> As small patches and p	seudo-veins										
< <alt: 188.<="" td=""><td>84 - 189.18 Moderate-</td><td>Strong Muscovite&gt;&gt; Near total replacement of</td><td>of felsic dyke by musc</td><td>ovite and ankerite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	84 - 189.18 Moderate-	Strong Muscovite>> Near total replacement of	of felsic dyke by musc	ovite and ankerite									
< <alt: 188.<="" td=""><td>84 - 189.18 Moderate-</td><td>Strong Ankerite&gt;&gt; Near total replacement of</td><td>felsic dyke by muscov</td><td>ite and ankerite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	84 - 189.18 Moderate-	Strong Ankerite>> Near total replacement of	felsic dyke by muscov	ite and ankerite									
189.18	190.75 CHT	Chert	dark grey	VFG									
189.18 - 190	0.75: Finely laminated g	rey to dark grey chert with silicified graphitic m	udstone										
< <min: 189<="" td=""><td>0.18 - 190.75 1% Min: F</td><td>Pyrite&gt;&gt; Hosted in pyrite +/- calcite veins</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	0.18 - 190.75 1% Min: F	Pyrite>> Hosted in pyrite +/- calcite veins											
< <alt: 189.<="" td=""><td>18 - 190.75 Intense Sil</td><td>licification&gt;&gt; Very strong silicification on cher</td><td>t interval</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	18 - 190.75 Intense Sil	licification>> Very strong silicification on cher	t interval										
< <struc: 19<="" td=""><td>90.4 - 190.41 Moderate</td><td>e-Strong Bedding&gt;&gt; Well-defined laminations</td><td>between chert and gr</td><td>aphitic mudstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	90.4 - 190.41 Moderate	e-Strong Bedding>> Well-defined laminations	between chert and gr	aphitic mudstone									
190.75	193.13 MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	FG									
190.75 - 193	3.13: Nearly a 50:50 spl	it between graphitic mudstone and siltstone											
< <min: 190<br="">and/or bleb</min:>	).75 - 206.8 0.5% Min: os that locally average 1	Pyrite>> Mostly stretches of 0.1% pyrite with -2% over 10-40 cm	short intervals of pyrit	e-bearing veins									
< <alt: 190.<="" td=""><td>75 - 196.6 Weak-Mode</td><td>erate Silicification&gt;&gt; Ranges from weakly to s</td><td>strongly silicified</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	75 - 196.6 Weak-Mode	erate Silicification>> Ranges from weakly to s	strongly silicified										
< <alt: 190.<="" td=""><td>75 - 196.6 Weak-Mode</td><td>erate Ankerite&gt;&gt; Patches of disseminated to</td><td>blebby ankerite alterat</td><td>ion</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	75 - 196.6 Weak-Mode	erate Ankerite>> Patches of disseminated to	blebby ankerite alterat	ion									
< <vein: 19<="" td=""><td>2.29 - 194.75 3% Quai</td><td>rtz-Carbonate 80 deg. &gt;&gt; Quartz +/- ankerite</td><td>veins with muscovite-</td><td>oyrite selvages</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	2.29 - 194.75 3% Quai	rtz-Carbonate 80 deg. >> Quartz +/- ankerite	veins with muscovite-	oyrite selvages									
193.13	196.60 SLT	Siltstone - fine-grained sedimentary rock	dark grey	FG									
193.13 - 196	6.6: Similar to the above	e interval but with slightly more siltstone than m	udstone										



		GOII	CONSULTANTS LTD.	Project:	ĸ	ZK		Hole I	Number:		K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
196.60	196.88	MAFi	Mafic Intrusions (primarily footwall mafic intrusion)	green	FMG									
196.6 - 196.8 blebs in the r rocks sugges	88: Dark gi natrix; gre st mafic dy	reenish-grey t enish tint app ke; could be p	inted, biotite-altered, interval; fairly abundant ca ears to be due to chlorite (but could be sericite pelite too	alcite as veins and dia too); sharp contacts	sseminated as with adjacent									
< <alt: 196.6<br="">and chlorite</alt:>	6 - 196.88	Moderate Ch	lorite>> Pervasive replacement of mafic (or p	pelitic?) protolith with	biotite, calcite									
< <alt: 196.6<br="">chlorite</alt:>	6 - 196.88	Moderate Ca	lcite>> Pervasive replacement of mafic (or p	elitic?) protolith with b	piotite, calcite and									
< <alt: 196.6<br="">chlorite</alt:>	6 - 196.88	Moderate Bio	otite>> Pervasive replacement of mafic (or pe	elitic?) protolith with b	iotite, calcite and									
196.88	201.99	SLT	Siltstone - fine-grained sedimentary rock	dark grey	FG									
196.88 - 201	.99: Finely	bedded sedi	mentary rock containing slightly more siltstone	than graphitic mudsto	one									
< <alt: 196.8="" silicification<="" td=""><td>8 - 206.8</td><td>Weak Silicific</td><td>cation&gt;&gt; Mostly weakly silicified with narrow i</td><td>ntervals of moderate</td><td>to strong</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	8 - 206.8	Weak Silicific	cation>> Mostly weakly silicified with narrow i	ntervals of moderate	to strong									
< <alt: 196.8<="" td=""><td>8 - 206.8</td><td>Weak-Moder</td><td>ate Ankerite&gt;&gt; Patches of disseminated to b</td><td>lebby ankerite alterat</td><td>ion</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	8 - 206.8	Weak-Moder	ate Ankerite>> Patches of disseminated to b	lebby ankerite alterat	ion									
< <vein: 201<br="">with host roo</vein:>	.52 - 201. ck	99 80% Quai	rtz-Carbonate 80 deg. >> Interval of four qua	rtz-ankerite veins that	t are interleaved									
< <struc: 19<="" td=""><td>7 - 197.01</td><td>Moderate Be</td><td>edding&gt;&gt; Interbedded wacke and siltstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	7 - 197.01	Moderate Be	edding>> Interbedded wacke and siltstone											
< <struc: 20<br="">several nota</struc:>	0.05 - 200 able deflec	.36 Weak-Mo	oderate Shear>> At high angle TCA but in op ons as well as 5 cm of fault gouge	posite direction to be	dding; also									
< <struc: 20<="" td=""><td>0.28 - 200</td><td>.33 Moderate</td><td>e-Strong Fault&gt;&gt; Short interval of fault gouge</td><td>in the middle of shea</td><td>ar zone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	0.28 - 200	.33 Moderate	e-Strong Fault>> Short interval of fault gouge	in the middle of shea	ar zone									
201.99	205.58	MDS	Carbonaceous Mudstone & Tuffaceous Mudstone	black	VFG									
201.99 - 205	.58: Graph	iitic mudstone	e with thin layers and wisps of grey siltstone											
< <struc: 20<="" td=""><td>2 - 202.01</td><td>Moderate Be</td><td>edding&gt;&gt; Interbedded graphitic argillite and s</td><td>iltstone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	2 - 202.01	Moderate Be	edding>> Interbedded graphitic argillite and s	iltstone										
< <struc: 20<="" td=""><td>3.05 - 203</td><td>.1 Moderate</td><td>Fault&gt;&gt; Fault gouge at top of shear zone inte</td><td>erval</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	3.05 - 203	.1 Moderate	Fault>> Fault gouge at top of shear zone inte	erval										
< <struc: 20="" shear="" td="" zone<=""><td>3.05 - 203 starts with</td><td>.35 Weak-Mo 5 cm of fault</td><td>oderate Shear&gt;&gt; Notable deflection in foliatio</td><td>n away from bedding</td><td>/foliation at 80-90;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	3.05 - 203 starts with	.35 Weak-Mo 5 cm of fault	oderate Shear>> Notable deflection in foliatio	n away from bedding	/foliation at 80-90;									
< <struc: 20<br="">graphitic mu</struc:>	5.5 - 205.8 Idstone	51 Moderate-	Strong Bedding>> Well-defined foliation-para	allel bedding between	siltstone and									



				Project:		KZK		Hole N	Number:		K97	-180		
From (m)	To (m)		Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<b>205.58</b> 205.58 - 206	<b>206.80</b>	SLT	Siltstone - fine-grained sedimentary rock nentary rock containing slightly more siltstone	dark grey	FG								<u> </u>	
End of H	ole @ 20	06.8												