

GeoSpark Logger ~ Drill Log

Project:

KZK

Hole Number:

K16-396

Prospect:	GP4F	Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	Roger Hulstein	
Grid:	NAD83_Z9	Hole Diameter:	96	Survey By:	Challenger_Survey	Date Logging Start:	7/17/2016	
UTM Easting	419505.137	Core Size:	HQ3	Azimuth:	180.3	Date Logging Complete:	7/21/2016	
UTM Northing:	6813219.449	Casing Pulled?:	Yes	Dip:	-88	Drill Company:	New Age	
UTM Elev. (m):	1333.63	Casing Depth (m):	10.5	Length (m):	210	Drill Rig:	Zinex A5	
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	7/16/2016	
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	7/19/2016	
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Resource/Met	
Comments:							Parent Hole:	

The purpose of this DDH is resource infill and to collect a metallurgical sample from the GP4F sulfide lens. Both objectives were accomplished. The GP4F lens was intersected at 83.74-90-90.53m (with minor interval of rhyolite) and consisted mainly of OJ type mineralization and lesser OF type. Sphalerite was up to 20% in some sections of OF. The lower lens was intersected from 160.57-167.72 and consisted of OJ type mineralization with strong cordierite alteration. Sphalerite content was up to 10% in one short interval but otherwise sulfides of interest were low. A major fault zone was intersected from 190.00-208.00m. Minor MDSt and MDS was recovered below 206.40m.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-88	178.9	1.4	180.3	TN14	Roger Hulstein	7/16/2016		<input checked="" type="checkbox"/>	The azimuth was set by R.Hulstein and R.Voordouw on July 14, 2016 for DDH K16-393 using the TN14 gyrocompass which has the same azimuth. New Age Drilling set the dip for K16-396 on July 16, 2016.
5	-87.88264	178.45332	1.4	179.85332	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
10	-87.92045	174.88075	1.4	176.28075	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
15	-87.8262	169.12185	1.4	170.52185	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
18	-87.7	164.9	22.1	187	ReflexEZS	New Age	7/16/2016	5801	<input type="checkbox"/>	
20	-87.52176	164.74818	1.4	166.14818	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
25	-87.14496	160.85967	1.4	162.25967	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
30	-86.7193	157.82749	1.4	159.22749	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
35	-86.35194	156.56072	1.4	157.96072	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
40	-85.97162	154.46769	1.4	155.86769	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
45	-85.48331	152.52641	1.4	153.92641	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
45.01	-85.4	155.9	22.1	178	ReflexEZS	New Age	7/17/2016	5766	<input type="checkbox"/>	
50	-85.02555	150.26248	1.4	151.66248	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
55	-84.53368	149.40855	1.4	150.80855	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
60	-84.18829	150.09329	1.4	151.49329	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
65	-83.6703	150.4755	1.4	151.8755	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
70	-83.26613	151.37982	1.4	152.77982	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100

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Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
75	-82.9294	152.43909	1.4	153.83909	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
75.01	-83.3	156.2	22.1	178.3	ReflexEZS	New Age	7/17/2016	5758	<input type="checkbox"/>	
80	-82.71528	152.68983	1.4	154.08983	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
85	-82.57495	153.29184	1.4	154.69184	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
90	-82.606	153.09753	1.4	154.49753	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
95	-82.47108	153.95787	1.4	155.35787	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
100	-82.36601	155.63654	1.4	157.03654	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
102	-82.3	160.5	22.1	182.6	ReflexEZS	New Age	7/17/2016	5719	<input type="checkbox"/>	
105	-82.16221	155.76944	1.4	157.16944	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
110	-81.8883	156.80775	1.4	158.20775	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
115	-81.6502	157.48017	1.4	158.88017	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
120	-81.43425	158.80017	1.4	160.20017	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
123	-81.2	164.3	22.1	186.4	ReflexEZS	New Age	7/17/2016	5741	<input type="checkbox"/>	
125	-81.35493	159.90796	1.4	161.30796	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
130	-81.19214	160.69613	1.4	162.09613	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
135	-80.99011	161.43494	1.4	162.83494	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
140	-80.902	162.69777	1.4	164.09777	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
145	-80.76447	163.55184	1.4	164.95184	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
150	-80.62718	164.14116	1.4	165.54116	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
155	-80.56389	163.86989	1.4	165.26989	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
159	-80.2	168	22.1	190.1	ReflexEZS	New Age	7/18/2016	5904	<input type="checkbox"/>	
160	-80.43309	163.36987	1.4	164.76987	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
165	-80.24616	163.31847	1.4	164.71847	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
170	-80.18889	163.57638	1.4	164.97638	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
175	-80.11233	164.21735	1.4	165.61735	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
180	-80.00056	165.09501	1.4	166.49501	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
180.01	-79.8	170.4	22.1	192.5	ReflexEZS	New Age	7/19/2016	5766	<input type="checkbox"/>	
185	-79.87056	165.68224	1.4	167.08224	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
190	-79.722	166.13853	1.4	167.53853	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
195	-79.60287	165.16825	1.4	166.56825	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
200	-79.56115	164.9032	1.4	166.3032	Gyro	David Nuttal	7/19/2016		<input checked="" type="checkbox"/>	Motion Quality = 100
210	-79.6	170	22.1	192.1	ReflexEZS	New Age	7/19/2016	5747	<input type="checkbox"/>	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
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From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Alt: 34.24 - 39.6 Weak Calcite>> <<Alt: 39.6 - 46.63 Trace Calcite>> <<Vein: 39.44 - 41.23 20% Quartz 50 deg. >> foliaform bull qtz <<Vein: 44 - 45 25% Quartz-Tourmaline>> foliaform and crosscutting <<Struc: 34.24 - 35 Moderate-Strong dominant foliation>></p> <p>46.63 48.30 PEL Equigranular biotite + calcite +/- quartz rock</p> <p>46.63 - 48.3: gradational interfingering contacts</p> <p><<Min: 46.63 - 48.3 3% Min: Pyrrhotite>> in qtz-cal-chl bands <<Alt: 46.63 - 48.3 Strong Calcite>> <<Alt: 46.63 - 48.6 Weak-Moderate Chlorite>> <<Vein: 46.7 - 48.53 10% Quartz-Chlorite-Carbonate 65 deg. >> calcite, and qtz-calcite-chlorite veinlets</p> <p>48.30 53.62 RHYva Coarse grained to ash tuff</p> <p>48.3 - 53.62: some streaky biotite sections could be lpl</p> <p><<Min: 48.3 - 53.62 3% Min: Pyrite>> <<Min: 48.3 - 54.6 1% Min: Pyrrhotite>> <<Alt: 48.3 - 57.61 Weak Calcite>> patchy diss <<Alt: 48.6 - 53.62 Trace Chlorite>> <<Struc: 53.4 - 53.8 Moderate-Strong dominant foliation>></p> <p>53.62 57.61 RHYvx Quartz and/or feldspar crystal tuff</p> <p>53.62 - 57.61: 53.82-54.52: RHYva, as above unit. Qtz marker unit</p> <p><<Min: 53.62 - 69.78 3% Min: Pyrite>> mostly in thin qtz-chl-py-sp-cp foliaform veinlets, also as diss <<Min: 56.1 - 57.61 0.5% Min: Sphalerite>> mostly in thin qtz-chl-py-sp-cp foliaform veinlets <<Min: 56.1 - 57.61 0.1% Min: Galena>> mostly in thin qtz-chl-py-sp-cp foliaform veinlets <<Min: 56.1 - 57.61 0.1% Min: Chalcopyrite>> mostly in thin qtz-chl-py-sp-cp foliaform veinlets <<Alt: 53.62 - 69.78 Moderate Chlorite>> <<Alt: 53.62 - 69.78 Weak Biotite>> <<Struc: 54.93 - 56.75 Weak-Moderate Fault>> broken and crushed core</p> <p>57.61 59.45 RHYva Coarse grained to ash tuff</p> <p>57.61 - 59.45: gradational biotite-calcite PEL on margins with green-grey RHYva in center.</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 57.61 - 59.45 0.1% Min: Chalcopryite>> <<Alt: 57.61 - 59.45 Moderate Calcite>>											
59.45	69.68	RHYvx Quartz and/or feldspar crystal tuff	60.00	61.50	1.50	D00004406	0.029	6.2	0.26	0.09	0.3
59.45 - 69.68: marker unit. 68.50-69.68m: increaseingly blebby, decrease in % qtz eyes, possible coarse prophyry clasts (white-light pink with rare blue qtz eyes) or 'clasts' may be albite alteration. Blebby feldspar phenos also 'albite' altered.											
<<Min: 59.45 - 62.7 0.5% Min: Sphalerite>> mostly in thin qtz-chl-py-sp-cp foliaform veinlets, also as diss <<Min: 59.45 - 62.7 0.1% Min: Galena>> mostly in thin qtz-chl-py-sp-cp foliaform veinlets <<Min: 59.45 - 62.7 0.1% Min: Chalcopryite>> mostly in thin qtz-chl-py-sp-cp foliaform veinlets <<Alt: 59.45 - 69.78 Weak Calcite>> <<Vein: 63.74 - 65.9 15% Quartz-Chlorite>> qtz vns, trace chl <<Struc: 60.7 - 61 Moderate Fault>> broken and crushed core <<Struc: 62.2 - 62.3 Weak-Moderate Fault>> crushed and gouge <<Struc: 63.47 - 64 Moderate dominant foliation>> parallel to qtz-chl-sulfide veinlets <<Struc: 64.13 - 64.53 Moderate-Strong Vein>> parallel to DFOL <<Struc: 67.65 - 67.7 Moderate-Strong Contact>>			61.50	63.00	1.50	D00004407	0.009	1.9	0.04	0.17	0.4
69.68	70.66	PEL Equigranular biotite + calcite +/- quartz rock									
<<Min: 69.78 - 72 1% Min: Pyrite>> and in thin qtz-chl-py-sp-cp foliaform veinlets <<Alt: 69.78 - 70.66 Trace Chlorite>> <<Alt: 69.78 - 70.66 Moderate-Strong Calcite>>											
70.66	76.74	RHYvx Quartz and/or feldspar crystal tuff									
70.66 - 76.74: mod-strong chl-bio alt, minor sulfide in foliaform qtz-cal mm bands (<05cm wide)											
<<Min: 72 - 76.74 0.5% Min: Pyrite>> <<Alt: 70.66 - 76.72 Weak Calcite>> <<Alt: 70.66 - 76.74 Moderate-Strong Chlorite>> <<Alt: 76.72 - 80.6 Trace Calcite>> <<Struc: 72 - 73.3 Weak Fault>> broken and crushed core, minor gouge											
76.74	80.60	RHYva Coarse grained to ash tuff	76.74	78.00	1.26	D00004408	0.01	2.4	0.02	0.05	0.16
76.74 - 80.6: pyritic, fine white muscovite altered below 78.25											
<<Min: 76.74 - 77.18 0.1% Min: Sphalerite>>			78.00	79.20	1.20	D00004409	0.036	3.4	-0.01	0.05	0.05

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 76.74 - 77.18		3% Min: Pyrite>>	79.20	80.60	1.40	D00004411	0.031	4.2	-0.01	0.07	0.06
<<Min: 76.74 - 77.18		0.1% Min: Galena>>									
<<Min: 76.74 - 77.18		0.5% Min: Chalcopyrite>>									
<<Min: 77.18 - 80.6		3% Min: Pyrite>>									
<<Alt: 76.74 - 78		Weak-Moderate Muscovite>>									
		bleaching, fine white musc									
<<Alt: 78 - 80.6		Strong Muscovite>>									
		bleaching, fine white musc									
<<Struc: 78 - 83.37		Moderate Fault>>									
		broken and crushed core, minor gouge									
80.60	82.21	PEL Equigranular biotite + calcite +/- quartz rock	80.60	82.21	1.61	D00004412	0.009	0.3	-0.01	-0.01	0.07
80.6 - 82.21: contains qtz-calcite-chlorite bands											
<<Min: 80.6 - 82.21		1% Min: Pyrite>>									
<<Alt: 80.6 - 82.21		Moderate-Strong Calcite>>									
<<Alt: 80.6 - 82.31		Moderate-Strong Biotite>>									
<<Alt: 80.6 - 83.74		Weak Chlorite>>									
82.21	83.74	RHYva Coarse grained to ash tuff	82.21	83.74	1.53	D00004413	0.305	1.9	0.03	0.09	0.62
<<Min: 82.21 - 83.74		3% Min: Pyrite>>									
<<Min: 83 - 83.74		0.5% Min: Sphalerite>>									
		diss in 0.5cm qtz bands									
<<Min: 83.54 - 85.91		3% Min: Pyrrhotite>>									
<<Alt: 82.21 - 85.91		Trace Calcite>>									
<<Alt: 82.31 - 83.74		Weak Muscovite>>									
		bleached, weak sericite									
<<Alt: 82.31 - 86		Weak-Moderate Biotite>>									
		on folia									
<<Struc: 83.5 - 86		Moderate-Strong dominant foliation>>									
83.74	85.91	OJ Heavily disseminated sulphides and/or stringer style mineralization in proximal altered rock	83.74	85.09	1.35	D00004414	0.478	23.8	0.1	2.15	3.19
83.74 - 85.91: well banded OJ with about 20% total sulfides as diss, blebs and bands. Chlorite -biotite bands, blebs and diss											
<<Min: 83.74 - 85.09		5% Min: Sphalerite>>									
<<Min: 83.74 - 85.09		1% Min: Galena>>									
<<Min: 83.74 - 85.09		1% Min: Chalcopyrite>>									
<<Min: 83.74 - 85.91		5% Min: Pyrite>>									
<<Min: 85.09 - 85.91		1% Min: Sphalerite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %	
<<Min: 85.09 - 85.91 0.5% Min: Chalcopryrite>> <<Alt: 83.74 - 86 Weak Muscovite>> bleaching and fine muscovite <<Alt: 83.74 - 86 Moderate Garnet>> <<Alt: 83.74 - 86.83 Moderate-Strong Chlorite>>												
85.91	86.50	OD Brecciated sulphides	CG	85.91	86.50	0.59	D00004416	1.6	164	0.62	5.3	5.94
85.91 - 86.5: breccia with OJ ,qtz (-leucite) clasts in qtz-sulfide-chlorite matrix.												
<<Min: 85.91 - 86.5 10% Min: Sphalerite>> <<Min: 85.91 - 86.5 10% Min: Pyrrhotite>> <<Min: 85.91 - 86.5 3% Min: Galena>> <<Min: 85.91 - 86.5 5% Min: Chalcopryrite>> <<Alt: 85.91 - 87.58 Weak-Moderate Calcite>> calcite clasts, diss and filling.												
86.50	87.75	OF Pyrrhotite rich sulphides	CG	86.50	87.75	1.25	D00004417	2.83	179	0.42	5.84	8.2
86.5 - 87.75: 86.69-87.23: pyrrhotite approx 40%, section brx with OJ - qtz clasts (qtz-chl-sulfide matrix)												
<<Min: 86.5 - 87.75 20% Min: Sphalerite>> <<Min: 86.5 - 87.75 3% Min: Pyrite>> <<Min: 86.5 - 87.75 40% Min: Pyrrhotite>> <<Min: 86.5 - 87.75 5% Min: Galena>> <<Min: 86.5 - 87.75 3% Min: Chalcopryrite>> <<Alt: 86.6 - 88.8 Moderate Cordierite>> <<Alt: 86.83 - 88.8 Weak-Moderate Chlorite>> blebs, repacements, rare bands <<Alt: 87.58 - 88.28 Trace Calcite>>												
87.75	88.80	OF Pyrrhotite rich sulphides	CG	87.75	88.80	1.05	D00004418	1.34	64.2	0.22	2.47	5.9
87.75 - 88.8: bands and blebs of sulfides												
<<Min: 87.75 - 88 1% Min: Chalcopryrite>> <<Min: 87.75 - 88.8 10% Min: Sphalerite>> <<Min: 87.75 - 88.8 5% Min: Pyrite>> <<Min: 87.75 - 88.8 5% Min: Pyrrhotite>> <<Min: 87.75 - 88.8 3% Min: Galena>> <<Min: 88 - 88.8 0.5% Min: Chalcopryrite>> <<Alt: 88.28 - 88.8 Moderate Calcite>> diss, in matrix and as replacement												

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
88.80	90.00	RHY undifferentiated rhyolite									
<p>MCG</p> <p>88.8 - 90: sections chlorite -biotite altered, 89.16-89.30: banded sulfides. Locally siliceous.</p> <p><<Min: 88.8 - 89.16 1% Min: Pyrite>></p> <p><<Min: 89.16 - 89.3 10% Min: Sphalerite>></p> <p><<Min: 89.16 - 89.3 20% Min: Pyrite>></p> <p><<Min: 89.16 - 89.3 5% Min: Pyrrhotite>></p> <p><<Min: 89.16 - 89.3 5% Min: Galena>></p> <p><<Min: 89.3 - 90 3% Min: Pyrite>></p> <p><<Min: 89.3 - 90 0.1% Min: Chalcopyrite>></p> <p><<Alt: 88.8 - 89.16 Weak Calcite>></p> <p><<Alt: 88.8 - 90 Moderate-Strong Silicification>></p> <p><<Alt: 88.8 - 90 Weak Muscovite>> bleached and silicified</p> <p><<Alt: 88.8 - 90 Weak Chlorite>></p> <p><<Alt: 88.8 - 90 Weak Biotite>> minor non bleached - silicified sections.</p> <p><<Alt: 89.16 - 89.5 Weak-Moderate Calcite>> in sulfide band and as calcareous bands in RHYva.</p> <p><<Alt: 89.5 - 90.53 Trace Calcite>></p> <p><<Struc: 88.8 - 89.25 Weak Fault>> broken core</p> <p><<Struc: 89.5 - 90 Weak-Moderate Fault>> broken core</p>											
			88.80	89.16	0.36	D00004419	0.121	7.8	0.01	0.22	0.17
			89.16	90.00	0.84	D00004421	0.796	57.8	0.11	2.04	2.18
90.00	90.53	OF Pyrrhotite rich sulphides									
<p>CG</p> <p>90 - 90.53: Graditional from OF at 90.00m to OL at 90.53m. 90.30-90.53: Buckshot pyrite in pyrrhotite - sphalerite groundmass.</p> <p><<Min: 90 - 90.25 0.5% Min: Chalcopyrite>></p> <p><<Min: 90 - 90.53 10% Min: Sphalerite>></p> <p><<Min: 90 - 90.53 15% Min: Pyrite>></p> <p><<Min: 90 - 90.53 30% Min: Pyrrhotite>></p> <p><<Min: 90 - 90.53 3% Min: Galena>></p> <p><<Alt: 90 - 90.53 Weak-Moderate Chlorite>></p> <p><<Alt: 90 - 90.53 Trace Biotite>></p>											
			90.00	90.53	0.53	D00004422	2.96	150	0.24	4.86	11.3
90.53	91.58	RHY undifferentiated rhyolite									
<p>90.53 - 91.58: 91.50-91.58: Med-coarse grained sulfide band at contact with PEL. Rhy has qtz clasts and blebby appearance.</p> <p><<Min: 90.53 - 90.73 3% Min: Pyrrhotite>></p>											
			90.53	91.42	0.89	D00004423	0.069	3	0.01	0.07	0.06
			91.42	92.68	1.26	D00004424	0.192	35.2	0.03	1.39	2.2

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 90.73 - 91.42 0.1% Min: Pyrite>> <<Min: 91.42 - 91.58 5% Min: Sphalerite>> <<Min: 91.42 - 91.58 5% Min: Pyrite>> <<Min: 91.42 - 91.58 20% Min: Pyrrhotite>> <<Alt: 90.53 - 90.7 Moderate-Strong Calcite>> calcareous band <<Alt: 90.53 - 90.73 Moderate-Strong Biotite>> <<Alt: 90.7 - 91.5 Trace Calcite>> <<Alt: 90.73 - 91.43 Moderate-Strong Muscovite>> sericite-muscovite and bleached <<Alt: 90.73 - 91.43 Trace Chlorite>> <<Alt: 91.43 - 95.6 Weak-Moderate Chlorite>> patchy <<Alt: 91.43 - 97.96 Weak Muscovite>> local bleaching and sericite on fractures. <<Alt: 91.5 - 92.5 Moderate Calcite>> <<Struc: 90.73 - 92.74 Weak-Moderate Fault>> broken and crushed core, minor gouge											
91.58	92.94	PEL Equigranular biotite + calcite +/- quartz rock	92.68	94.10	1.42	D00004425	0.018	8.6	-0.01	0.39	0.79
91.58 - 92.94: gougy, 92.45-92.65: minor sulfides, bleaching around Qtz-tourmaline vein. <<Min: 91.58 - 92.45 0.5% Min: Pyrite>> <<Min: 92.45 - 95.6 0.1% Min: Sphalerite>> in qtz-chl-cal veins and selveges <<Min: 92.45 - 95.6 1% Min: Pyrite>> plus trace diss py in RHY <<Min: 92.45 - 95.6 0.1% Min: Galena>> in qtz-chl-cal veins and selveges <<Alt: 92.5 - 95.6 Weak-Moderate Calcite>> bands, diss, blebs and veinlets <<Struc: 92.8 - 95.5 Moderate-Strong dominant foliation>>											
92.94	95.60	RHYvx Quartz and/or feldspar crystal tuff	94.10	95.60	1.50	D00004426	0.014	12.3	0.01	0.42	0.7
92.94 - 95.6: contains PLE sections as wisps and up to 20cm wide. <<Vein: 93.17 - 96.56 5% Quartz 30 deg. >> qtz veins, mostly at low angle <<Struc: 93.9 - 94.15 Moderate-Strong Vein>> <<Struc: 95.5 - 95.65 Moderate-Strong Contact>>											
95.60	97.96	PEL Equigranular biotite + calcite +/- quartz rock	95.60	97.00	1.40	D00004427	0.011	-0.3	-0.01	-0.01	0.08
95.6 - 97.96: local ash and bleached sections around qtz veining. <<Min: 95.6 - 96.48 0.5% Min: Pyrite>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 96.38 - 96.46		3% Min: Sphalerite>> qtz vein									
<<Min: 96.38 - 96.46		5% Min: Pyrite>> qtz vein									
<<Min: 96.38 - 96.48		1% Min: Galena>> qtz vein									
<<Min: 96.48 - 97.96		0.1% Min: Pyrite>>									
<<Alt: 95.6 - 97.96		Weak-Moderate Calcite>>									
<<Vein: 96.38 - 96.46		100% Quartz-Sulphide 50 deg. >> qtz vein - diss sulfides, 15cm bleached envelope									
97.96	103.37	RHYvx Quartz and/or feldspar crystal tuff									
97.96 - 103.37: minor PEL bands and wisps, minor qtz-biot-sulfide bands											
<<Min: 97.96 - 98.88		0.1% Min: Sphalerite>> rare diss and in rare veinlets									
<<Min: 97.96 - 98.88		1% Min: Pyrite>> rare diss and in rare veinlets									
<<Min: 98.88 - 100.75		1% Min: Sphalerite>> in qtz-chl-cal veins and selveges									
<<Min: 98.88 - 100.75		5% Min: Pyrite>> in qtz-chl-cal veins and selveges									
<<Min: 98.88 - 100.75		3% Min: Pyrrhotite>>									
<<Min: 98.88 - 100.75		0.1% Min: Galena>> in qtz-chl-cal veins and selveges									
<<Min: 100.75 - 103.37		1% Min: Pyrite>>									
<<Min: 103 - 108		2% Min: Pyrrhotite>>									
<<Alt: 97.96 - 103.37		Weak Calcite>>									
<<Vein: 98.28 - 98.31		100% Quartz-Tourmaline 40 deg. >> 10cm bleached siliceous envelope									
<<Vein: 98.88 - 101.12		5% Quartz-Sulphide 65 deg. >> mm- <4 cm bands of diss sulfides with qtz +/- calcite									
<<Struc: 100 - 100.5		Moderate dominant foliation>>									
<<Struc: 100.69 - 100.75		Moderate-Strong Foliation>> foliaform qtz-sulfide vein									
103.37	104.46	PEL Equigranular biotite + calcite +/- quartz rock									
<<Alt: 103.37 - 104.46		Moderate-Strong Calcite>>									
104.46	108.28	RHYvx Quartz and/or feldspar crystal tuff									
104.46 - 108.28: minor PEL bands and wisps, minor qtz-biot-sulfide bands											
<<Min: 104.46 - 108.28		1% Min: Pyrite>> minor veinlets and as diss									
<<Alt: 104.46 - 108.28		Weak-Moderate Calcite>>									
<<Vein: 106.55 - 107		10% Quartz 55 deg. >>									
<<Struc: 104.46 - 105		Moderate-Strong dominant foliation>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Struc: 106.4 - 106.65 Moderate-Strong dominant foliation>>									
		<<Struc: 107.9 - 108.1 Weak-Moderate Fault>> broken and crushed core									
		108.28 118.30 RHYcf Feldspar & feldspar quartz porphyry									
		108.28 - 118.3: feldspar and qtz eye porphyritic. Same as RHYcf unit in K16-393, massive and fairly homogeneous.									
		<<Min: 108.28 - 118.3 0.5% Min: Sphalerite>> diss on fractures and thin diffuse qtz-sulfide veinlets									
		<<Min: 108.28 - 118.3 1% Min: Pyrite>>									
		<<Min: 108.28 - 118.3 0.01% Min: Pyrrhotite>>									
		<<Alt: 108.28 - 118.3 Weak Calcite>>									
		<<Alt: 114 - 129.53 Weak-Moderate Muscovite>> fine white musc on folia and sericite on fractures. Musc also in qtz vein envelopes									
		<<Vein: 114.15 - 114.32 70% Quartz 60 deg. >> qtz, minor sulfides on margins									
		<<Struc: 108.34 - 113.05 Weak-Moderate Fault>> broken and crushed core									
		118.30 128.48 RHYvx Quartz and/or feldspar crystal tuff									
		118.3 - 128.48: Minor PEL zones									
		<<Min: 118.3 - 119.8 0.1% Min: Sphalerite>>									
		<<Min: 118.3 - 119.8 3% Min: Pyrite>>									
		<<Min: 118.3 - 119.8 1% Min: Pyrrhotite>>									
		<<Min: 119.8 - 127.7 1% Min: Pyrite>>									
		<<Min: 119.8 - 127.8 0.01% Min: Sphalerite>>									
		<<Min: 119.8 - 127.8 0.01% Min: Galena>>									
		<<Min: 127.8 - 127.85 10% Min: Sphalerite>>									
		<<Min: 127.8 - 127.85 5% Min: Galena>>									
		<<Min: 127.8 - 128.48 3% Min: Pyrite>>									
		<<Alt: 118.3 - 118.8 Moderate Calcite>>									
		<<Alt: 118.8 - 129.53 Weak Calcite>>									
		<<Alt: 126.24 - 128.48 Weak-Moderate Chlorite>>									
		<<Vein: 120.1 - 120.3 10% Quartz-Tourmaline 30 deg. >> bleached musc envelope									
		<<Struc: 121 - 123.2 Moderate Fault>> broken and crushed core, missing core									
		<<Struc: 124.2 - 128 Moderate Fault>> broken and crushed core, missing core, sericite & clay on foliation and fractures									
		128.48 129.00 RHYva Coarse grained to ash tuff									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Min: 128.48 - 129.53 0.1% Min: Sphalerite>> <<Min: 128.48 - 129.53 3% Min: Pyrite>> <<Alt: 128.48 - 129.8 Trace Chlorite>></p> <p>129.00 129.53 RHYc Rhyolite coherent volcanics <<Struc: 129.2 - 136.5 Weak Fault>> fractured with sericite - clay on fractures, local thin (cm) gouge zones</p> <p>129.53 132.81 PEL Equigranular biotite + calcite +/- quartz rock 129.53 - 132.81: bleaching and/or ash rich over 20cm at upper contact.</p> <p><<Min: 129.53 - 132.81 0.5% Min: Pyrrhotite>> and bleb in qtz veinlet <<Alt: 129.53 - 132.81 Moderate-Strong Calcite>></p> <p>132.81 135.04 RHYvx Quartz and/or feldspar crystal tuff <<Min: 132.81 - 136.53 0.1% Min: Sphalerite>> <<Min: 132.81 - 136.53 0.5% Min: Pyrrhotite>> <<Alt: 132.81 - 135.04 Weak Calcite>> <<Vein: 134.82 - 135.08 40% Quartz>> irregular qtz veining <<Struc: 134.2 - 145.35 Moderate Fault>> gougy schist</p> <p>135.04 136.07 PEL Equigranular biotite + calcite +/- quartz rock 135.04 - 136.07: pel and ash <<Alt: 135.05 - 136.07 Moderate-Strong Calcite>></p> <p>136.07 136.53 RHYvx Quartz and/or feldspar crystal tuff 136.07 - 136.53: ashy <<Alt: 136.07 - 136.53 Weak Calcite>> <<Alt: 136.07 - 139.06 Weak Muscovite>> <<Alt: 136.07 - 139.34 Weak Chlorite>></p> <p>136.53 138.94 PEL Equigranular biotite + calcite +/- quartz rock 136.53 - 138.94: 138.30-138.6: RHYvx-QE, Pelitic and weakly chlorite altered. <<Min: 136.53 - 139.2 1% Min: Pyrrhotite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Min: 136.53 - 139.26 0.5% Min: Pyrite>> <<Alt: 136.53 - 138.94 Moderate Calcite>> <<Vein: 136.57 - 137.08 95% Quartz-Carbonate>> mostly qtz vein <<Vein: 137.08 - 139.56 10% Quartz-Carbonate>> mostly qtz <<Struc: 137.1 - 137.8 Moderate Fault>> broken and crushed core, minor gouge 138.94 139.26 RHYvx Quartz and/or feldspar crystal tuff <<Alt: 138.94 - 142.45 Trace Calcite>> <<Alt: 139.06 - 143.3 Moderate Muscovite>> envelope around qtz-tour vein 139.26 143.30 RHYva Coarse grained to ash tuff 139.26 - 143.3: Ash-Pel unit cut by qtz-tourmaline vein 141.15-142.68m with a fine grained muscovite envelope (139.26-145.3m). Might all be altered bleached PEL and not a RHYva at all. <<Min: 139.26 - 140.5 5% Min: Pyrite>> <<Min: 140.5 - 142.75 0.1% Min: Pyrite>> <<Alt: 142.45 - 142.8 Moderate Calcite>> <<Alt: 142.8 - 150.25 Trace Calcite>> <<Vein: 141.18 - 142.76 Quartz-Tourmaline>> mostly white bull qtz <<Struc: 140.6 - 141.2 Weak-Moderate Fault>> broken, minor gouge 143.30 143.95 PEL Equigranular biotite + calcite +/- quartz rock <<Min: 143.85 - 151.3 3% Min: Pyrrhotite>> <<Min: 143.9 - 146.18 3% Min: Pyrite>> <<Alt: 143.5 - 146.19 Weak Chlorite>> <<Alt: 143.88 - 147.87 Weak Muscovite>> <<Struc: 143.9 - 148.07 Moderate Fault>> broken, minor gouge 143.95 148.93 RHYvi Lapilli tuff <<Min: 146.18 - 147.44 3% Min: Pyrite>> <<Min: 147.44 - 150.57 1% Min: Pyrite>> <<Alt: 146.19 - 153.42 Weak-Moderate Chlorite>> <<Alt: 147.87 - 160.57 Moderate Muscovite>> locally Mu alteration has been obliterated by later silicification in Qtz-tour vein envelopes. <<Struc: 146.33 - 148 Weak Fault>> four 2-10cm gouge zones</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
148.93	160.57	RHYva Coarse grained to ash tuff	159.10	160.57	1.47	D00004428	0.024	1.9	0.02	0.03	0.02
<p>148.93 - 160.57: Mostly RHYva, OP qtz-tour-musc bleaching alteration due to cross cutting QTz-Tour veins obscures original textures. Original chl-biot-qtz alt 153.40-154.12m does the same.</p> <p><<Min: 150.57 - 151 5% Min: Pyrite>> QT vein envelope <<Min: 151 - 155.26 1% Min: Pyrite>> rare blebs <<Min: 152.3 - 158 3% Min: Pyrrhotite>> <<Min: 155.26 - 157 3% Min: Pyrite>> <<Min: 156.4 - 157.15 0.1% Min: Sphalerite>> <<Min: 156.4 - 157.15 0.1% Min: Galena>> <<Min: 157 - 160.57 1% Min: Pyrite>> <<Min: 157.55 - 157.65 0.1% Min: Sphalerite>> <<Min: 157.55 - 157.65 0.1% Min: Galena>> <<Min: 159 - 159.24 0.5% Min: Sphalerite>> <<Alt: 150.1 - 151.3 Moderate-Strong Silicification>> envelope to qtz-tour vein <<Alt: 150.25 - 153.36 Weak Calcite>> <<Alt: 153.2 - 154.5 Moderate Biotite>> in bands <<Alt: 153.36 - 154.15 Weak-Moderate Calcite>> <<Alt: 153.42 - 154.36 Moderate-Strong Chlorite>> <<Alt: 154.15 - 158.6 Trace Calcite>> <<Alt: 154.5 - 156.25 Weak Biotite>> <<Alt: 156.85 - 158.6 Moderate Silicification>> envelope to qtz-tour vein <<Alt: 158 - 159.6 Weak Chlorite>> <<Alt: 158.6 - 161.25 Weak-Moderate Calcite>> <<Alt: 160.27 - 161.36 Moderate Biotite>> <<Vein: 150.57 - 151.3 20% Quartz-Tourmaline>> <<Vein: 153.48 - 154.2 25% Quartz-Carbonate 70 deg. >> banded qtz and lesser calcite <<Vein: 157.33 - 157.36 75% Quartz-Tourmaline 20 deg. >> <<Struc: 149.3 - 149.6 Weak-Moderate Fault>> broken, minor gouge <<Struc: 151.4 - 152 Moderate dominant foliation>> <<Struc: 152 - 152.04 Moderate Fault>> fault gouge, crosscuts foliation <<Struc: 154.3 - 156.64 Weak Fault>> 4 intense muscovite altered zones avg 10cm <<Struc: 157 - 157.75 Moderate dominant foliation>> <<Struc: 157.28 - 157.56 Moderate Vein>> qtz - tour vein</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
160.57	161.16	OJ Heavily disseminated sulphides and/or stringer style mineralization in proximal altered rock	160.57	161.16	0.59	D00004429	0.17	9.4	0.1	0.1	3.61
<p>160.57 - 161.16: sharp contacts defined by cordierite - biotite-chlorite-tourmaline alteration and increase in sulfides</p> <p><<Min: 160.57 - 161.16 3% Min: Sphalerite>> <<Min: 160.57 - 161.16 3% Min: Pyrite>> <<Min: 160.57 - 161.16 5% Min: Pyrrhotite>> <<Alt: 160.57 - 161.16 Weak Chlorite>> <<Alt: 160.57 - 161.16 Strong Cordierite>></p>											
161.16	162.01	RHY undifferentiated rhyolite light grey	161.16	162.01	0.85	D00004432	-0.005	1.2	0.04	0.01	0.04
<p><<Min: 161.16 - 162.01 1% Min: Pyrite>> <<Min: 161.16 - 162.01 3% Min: Pyrrhotite>> <<Alt: 161.16 - 162.01 Weak-Moderate Chlorite>> <<Alt: 161.29 - 164.72 Weak Calcite>> <<Struc: 161.29 - 161.8 Moderate dominant foliation>></p>											
162.01	164.72	OJ Heavily disseminated sulphides and/or stringer style mineralization in proximal altered rock	162.01	162.46	0.45	D00004433	0.015	7.8	0.15	0.09	11.9
<p>162.01 - 164.72: sharp contacts defined by cordierite - biotite-chlorite-tourmaline-garnet alteration and increase in sulfides</p> <p><<Min: 162.01 - 162.46 10% Min: Sphalerite>> <<Min: 162.01 - 162.46 20% Min: Pyrrhotite>> <<Min: 162.46 - 163.7 1% Min: Sphalerite>> <<Min: 162.46 - 163.7 5% Min: Pyrrhotite>> <<Min: 162.46 - 163.7 0.1% Min: Chalcopyrite>> <<Min: 163.7 - 164.72 5% Min: Sphalerite>> <<Min: 163.7 - 167.72 1% Min: Pyrite>> <<Min: 163.7 - 167.72 10% Min: Pyrrhotite>> <<Min: 163.7 - 167.72 0.1% Min: Galena>> <<Min: 163.7 - 167.72 1% Min: Chalcopyrite>> <<Alt: 162.01 - 164.72 Weak-Moderate Chlorite>> diss, blebs and rare bands</p>											
162.46	163.70		162.46	163.70	1.24	D00004434	0.013	6.8	0.05	0.17	2.14
163.70	164.72		163.70	164.72	1.02	D00004435	0.01	7.2	0.1	0.38	2.8

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 162.01 - 164.72 Moderate Biotite>> <<Alt: 162.21 - 164.72 Trace Tourmaline>> <<Alt: 162.21 - 164.72 Moderate-Strong Cordierite>> <<Alt: 163 - 164.05 Weak-Moderate Garnet>> <<Vein: 163.66 - 166.65 5% Quartz-Chlorite>>											
		164.72 167.75 PEL Equigranular biotite + calcite +/- quartz rock	164.72	166.20	1.48	D00004436	-0.005	-0.3	-0.01	-0.01	0.08
164.72 - 167.75: crossed by minor qtz-calcite-chlorite veins <<Min: 167.72 - 167.75 3% Min: Pyrrhotite>> <<Alt: 164.72 - 167.8 Moderate-Strong Calcite>> and bands <<Alt: 164.95 - 171.77 Weak Chlorite>> commonly in calcite veins-bands <<Struc: 166.8 - 167.3 Moderate dominant foliation>> <<Struc: 167.46 - 167.7 Trace Fault>> fractures with clay											
		167.75 170.13 PEL Equigranular biotite + calcite +/- quartz rock									
167.75 - 170.13: Altered PEL, Chlorite -calcite bands and blebs, calcite angular blebs 1-2mm (replacing cordierite?) containing chlorite & pyrite. Diss py and pyrrhotite. No vis sp or gl. <<Min: 167.75 - 171.87 3% Min: Pyrite>> <<Min: 167.75 - 171.87 5% Min: Pyrrhotite>> <<Alt: 167.75 - 170.13 Weak-Moderate Tourmaline>> <<Alt: 167.8 - 173.7 Weak-Moderate Calcite>> <<Struc: 167.9 - 169.8 Moderate-Strong dominant foliation>> chlorite banding											
		170.13 187.36 RHYva Coarse grained to ash tuff									
170.13 - 187.36: Variably bleached - muscovite altered PEL and RHYva. Brown - maroon biotite in wispy bands. Locally finer 'ash' bands and rare sections with coarser qtz blebs and discontinuous bands (likely lapilli). Unit cross cut by several intensely bleached muscovite rich zones. Alteration looks similar to that of a hornfels zone adjacent to granite body. <<Min: 171.87 - 187.36 3% Min: Pyrite>> increases downhole with increase in musc alt <<Min: 171.87 - 187.36 3% Min: Pyrrhotite>> decreases downhole <<Alt: 171 - 174 Weak Muscovite>> <<Alt: 173.7 - 179 Weak Calcite>> diss, rare veinlets <<Alt: 174 - 181.74 Moderate Muscovite>> <<Alt: 179 - 187.36 Weak-Moderate Calcite>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Alt: 181.74 - 191.5 Moderate-Strong Muscovite>> increasing down section and more intense around local fault zones</p> <p><<Vein: 176.45 - 177.03 40% Quartz-Albite>></p> <p><<Vein: 180.87 - 181.2 100% Quartz-Tourmaline>></p> <p><<Struc: 173 - 174 Moderate-Strong dominant foliation>></p> <p><<Struc: 174.9 - 175 Weak Fault>> broken, minor gouge</p> <p><<Struc: 176 - 176.1 Weak Fault>> broken, minor gouge</p> <p><<Struc: 177.29 - 177.4 Trace Fault>> broken, minor gouge</p> <p><<Struc: 178.1 - 178.25 Trace Fault>> broken, minor gouge</p> <p><<Struc: 180 - 180.3 Moderate-Strong dominant foliation>></p> <p><<Struc: 180.85 - 181.1 Moderate Vein>> irregular qtz-tour vein</p> <p><<Struc: 182 - 182.5 Moderate-Strong dominant foliation>></p> <p><<Struc: 183 - 184.6 Moderate Fault>> fault - shear zone, abundant gouge zones</p> <p><<Struc: 184.6 - 187.6 Weak Fault>> broken and minor crushed core</p> <p><<Struc: 185.5 - 186.15 Moderate-Strong dominant foliation>></p> <p><<Struc: 187 - 188.1 Weak-Moderate Fault>> broken core, minor shearing planes with fine breccia</p> <p>187.36 188.10 RHYc Rhyolite coherent volcanics</p> <p>187.36 - 188.1: silic bands, muscovite rich folia.</p> <p><<Min: 187.36 - 188.2 3% Min: Pyrite>></p> <p>188.10 191.10 RHYva Coarse grained to ash tuff</p> <p>188.1 - 191.1: strongly sheared and faulted; fault gouge & crushed core and muscovite - sericite rich gouge and tectonic breccia zones. Minor remnant chlorite bands and blebs. Tourmaline porphyroblasts in minor siliceous zone. Lots of missing core.</p> <p><<Min: 188.2 - 190 3% Min: Pyrrhotite>></p> <p><<Min: 190 - 193.1 1% Min: Pyrite>></p> <p><<Alt: 189 - 189.76 Weak Tourmaline>></p> <p><<Alt: 191 - 194.15 Weak Chlorite>></p> <p><<Struc: 188.1 - 196.7 Strong Fault>> fault - shear zone, abundant gouge zones, missing core</p> <p>191.10 192.00 SEDc calcareous Sediment</p> <p>191.1 - 192: 0.5-1cm banded calcite with chlorite - clay - muscovite-sericite folia</p> <p><<Alt: 191.1 - 195.5 Moderate Calcite>> patchy; CA veins and fault breccia</p> <p><<Alt: 191.5 - 208.1 Moderate Muscovite>> sericite - mucovite with clay in fault - shear zones</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %	
192.00	194.15	FLZ Fault Zone 192 - 194.15: Fault zone with gouge, crushed schist and tectonic breccia clasts of PEL, rare dark grey carbonaceous mudstone clasts and chlorite altered RHY(?), calcite vein clasts, chlorite schist with garnet and strong musc-sericite-clay altered rock of unknown protolith <<Min: 192 - 193.1 0.1% Min: Pyrrhotite>> <<Min: 193.1 - 195.67 0.1% Min: Pyrite>>										
	194.15	196.55	SEDC calcareous Sediment 194.15 - 196.55: Dark grey carbonaceous and moderately siliceous, variably brecciated, includes white-brown banded calcareous rich sections, (hence SEDc), local garnets. Unit is interpreted to be a brecciated silicified carbonaceous SEDc could also be a calcareous mudstone. Chlorite-pyrite on shears and interstitial pyrrhotite in more competent brecciated - silicified sections (195.77-196.33m). <<Min: 195.67 - 196.55 3% Min: Pyrite>> <<Min: 195.67 - 196.55 5% Min: Pyrrhotite>> <<Alt: 194.15 - 195 Weak Garnet>> <<Alt: 194.15 - 196.55 Trace Tourmaline>> <<Alt: 194.15 - 196.55 Weak-Moderate Chlorite>> <<Alt: 194.15 - 196.55 Weak-Moderate Biotite>> <<Alt: 196.4 - 197.87 Weak Calcite>> <<Struc: 196.25 - 208.25 Strong Fault>> fault - shear zone, abundant gouge zones, missing core	195.70	196.33	0.63	D00004437	-0.005	1.1	-0.01	0.01	0.05
	196.55	200.80	FLZ Fault Zone 196.55 - 200.8: Fault zone, lots of missing core, broken and crushed core, minor gouge. Clasts of vairably chl-muscovite-sericite altered RHYva and/or bleached PEL, qtz vein clasts, with chlorite bands and blebs on fractures and shear planes. <<Min: 196.55 - 210 1% Min: Pyrite>> occasional blebs <<Min: 198 - 202.75 1% Min: Pyrrhotite>> occasional blebs <<Alt: 196.55 - 201.15 Weak Chlorite>>									
	200.80	201.15	RHYvx Quartz and/or feldspar crystal tuff 200.8 - 201.15: 33cm core recovered in interval. Lower contact gradational over 3 cm.									
	201.15	203.10	PEL Equigranular biotite + calcite +/- quartz rock 201.15 - 203.1: PEL cut by foliaform qtz-calcite veins with chlorite envelope. Also more massive med grained equigranular qtz-chl-biotite 'PEL'. Approx 55cm core recovered in interval. <<Alt: 201.15 - 205.6 Moderate Chlorite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
203.10	206.40	RHYva Coarse grained to ash tuff 203.1 - 206.4: Fault zone with lots of missing core. Isolated sections of altered, faulted-sheared, brecciated interbanded RHYva-PEL. Variably chloritized - biotite altered, minor silicification near lower contact, Between 204.00m - 205.50m; 37cm section of argillic alteration with remnant brown biotite giving a mottled appearance. Carbonaceous wisps at 204.00-204.20m(?). Calcite banding and wisps (SEDc like?) between 205.50 -206.40m. <<Vein: 205.2 - 205.6 5% Quartz-Carbonate 50 deg. >>									
206.40	209.15	MDSt Rhyolite tuff dominant mudstone 206.4 - 209.15: core rubble. Weak chlorite. <<Vein: 208.2 - 208.75 100% Quartz>>									
209.15	210.00	RHYvl Lapilli tuff 209.15 - 210: Blippo, sheared biotite - chlorite altered, minor garnet. Wisps carbonaceous material. <<Alt: 209.15 - 210 Weak Garnet>> <<Alt: 209.15 - 210 Weak Chlorite>> <<Alt: 209.15 - 210 Moderate-Strong Biotite>> <<Struc: 209.7 - 210 Moderate-Strong dominant foliation>>									
End of Hole @ 210											