



Detailed Log Report
Hole Number RAK_KSD_DD13-03

Project		Coordinates		Collar	
Project Name:	King Solomon's Dome	Primary Coordinates Grid:	UTM83-7	Collar Dip:	-55.00 Collar Az: 240.00
Project Code:	YK_KSD	North:	7,084,816.00	Length:	391.20
Location:		East:	601,594.00	Hole Size:	HTW
Start Date:	9/23/2013 10:02:04AM	Elev:	1,037.00	Hole Type:	DD
Completed Date:		Log by (1)	Tim Wrighton	Casing:	Left in hole
Contractor:		Log by (2)		Company Name:	
Units:	METRIC				

Comments: Drilling completed on Sat Sept 28th/13.

8 foot run spotted at 182 - 190 feet. Doesn't make sense with 5 ft rods. block inserted at 187ft.

7 foot run spotted at 328 - 335 ft. Block inserted at 330 ft.

6 ft run spotted at 343 - 349 ft. Recovery is good and the length when measured is 1.52m (5ft). 349 ft changed to 348 ft.

11 ft run spotted at 778 - 789 ft. Recovery is good and the length when measures is ~ 10 ft. The one ft error is carried on down the hole. Subsequent blocks were change by one foot.

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Detailed Lithology																
From	To	Lithology	Samples Details													
2.00	142.00	CMS, Chlorite Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct

From	To	Lithology	Samples Details
<p>Comments: f-m.g greenish grey well foliated schist +/- bands of early foliaform qtz.</p> <p>2 - 29.46 m poor recovery with zones of fault gouge.</p> <p>2 - 4 m Unit is more siliceous, a more greyish blue colour and is magnetic in places.</p> <p>Fault gouge occurs at: 10.67 - 11.08m, 11.50 - 12.50m and 16.00 - 17.80m. All zone exhibit clay and oxidation.</p> <p>14.20 - 15.0 m zone of intense oxidation. possible oxidation of pyrite (now present as a dark brown spotted subhedral shapes).</p> <p>19.46 - 20.42m Broken/fragmented qtz vein/qtz-rich fault gouge? Oxidised and contains remnant oxidised pyrite.</p> <p>21.44 m Broken qtz vein with 1% galena.</p> <p>22.30 - 22.46m Clay altered, oxidised section with oxidised pyrite.</p> <p>27.70 - 28.65m oxidised, clay-rich fault gouge.</p> <p>34.46 - 34.66m Fault gouge.</p> <p>36.20 - 36.43m Fracture, oxidised qtz vein with <3cm oxidised selvages and oxidised subhedral remnant pyrite in the wallrock.</p> <p>41.94 - 43.50m oxidised, bleached zone with vuggy qtz areas.</p> <p>57.91 - 58.08 m Brecciated/gouge zone containing brecciated early qtz and 1-2% disseminated pyrite.</p> <p>58.42 - 59.14m oxidised, fractured qtz vein with high percentage of pyrite (6%). Pyrite is present at the edge of the vein and exhibits a pyritic gouge/crumbled selvage in the vicinity of the qtz vein.</p> <p>59.90 - 59.99m <1mm crosscutting qtz veins (75 degrees to core axis) with 1% subhedral pyrite (<3mm) in the vein selvage.</p> <p>From ~ 60m onward there is an increase in rock competency and pyrite content (1-2%)</p> <p>60.65 - 60.82m Area of brecciated early quartz + 2% pyrite.</p> <p>65.84 - 66.45m Clay rich gouge zone with a fractured pyrite bearing (2%) qtz vein.</p> <p>67.97 - 71.93m Green/orange, oxidised, clay rich, gouge zone with zones of brecciation.</p> <p>76.60 - 77.02m brecciated zone with 2 % pyrite.</p> <p>81.90 - 90m Increase in early foliaform qtz (30%). locally brecciated. Pyrite is observed disseminated within the locally brecciated zone and also as <1mm pyrite stringers.</p> <p>85.50 - 86.60m Minor lithology observed. The qtz-Chlorite (laths: <2mm x <1mm)) +/- biotite with 1% disseminated pyrite.</p> <p>93.50 - 94.30m. Sequence of ~1cm crosscutting qtz-calcite-pyrite (2%) veins. 30 degrees to core axis. Pyrite generally present at the vein edges.</p> <p>Forgot to check before but from this point the schist fizzes with acid, i.e contains moderate calcite content (Reactive too?).</p>			

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From	To	Lithology	Samples Details											
			100.90 - 101m crosscutting Qtz-pyrite (3%) vein, in addition to fractured early foliaform qtz veins.											
			103.44 - 103.46m . Qtz-Calcite-Pyrite (30%) vein. 70 degrees to core axis. <1mm cubic occurs in the wallrock.											
			104.63 - 106m Disseminated subhedral pyrite (3%) (<2mm) occur within the schist.											
			105.27-105.29m Crosscutting qtz-pyrite (4%) vein. 40 degrees to core axis. Host rock very reactive to acid (high calcite content). reason for precipitation?											
			112.0 - 113.39m Disseminated subhedral pyrite (3%) (<2mm) occur within the schist.											
			122.20 - 125.50m Heamatitic (maroon red) staining on fracture surfaces with minor crosscutting <1mm calcite.											
			131.06 - 132.0m Disseminated pyrrhotite (<1mm) blebs start to occur/ Coincides with the start of a magnetic zone (Check mag checks in geotech data).											
			132.76 - 132.92m crosscutting quartz - pyrite (5%) vein. 60 degrees to core axis. Pyrite mainly occurs as f.g sulphides at the margins of the qtz vein, although <10mm subhedral/~cubic pyrite is also present. Wallrock is moderately reactive with acid. Precipitation mechanism?											
INTERVALS DETAILS:			RAK_KSD_1349457	2.00	3.05	ASSAY	5.00	1.40	7.00	62.00	10.60	0.10	0.05	0.08
Colour			RAK_KSD_1349458	3.05	4.57	ASSAY	1.00	0.25	7.40	56.00	19.90	0.20	0.05	0.17
2.00	90.00	Dominant: Gy Secondary: G	RAK_KSD_1349459	4.57	5.18	ASSAY	1.00	6.10	3.80	41.00	22.20	3.20	0.05	0.03
			RAK_KSD_1349460	5.18	6.10	ASSAY	1.00	13.20	5.60	76.00	51.50	1.00	0.05	0.16
			RAK_KSD_1349461	6.10	7.62	ASSAY	6.00	18.10	7.30	88.00	30.30	1.00	0.05	0.07
			RAK_KSD_1349462	7.62	8.23	ASSAY	6.00	23.30	14.70	75.00	21.00	1.20	0.05	0.12
Mineral			RAK_KSD_1349463	7.62	8.23	FieldDup	5.00	23.30	14.10	74.00	19.50	1.20	0.05	0.03
57.91	58.08	2pyrite Comment: Brecciated/gouge zone	RAK_KSD_1349464	8.23	9.45	ASSAY	15.00	36.70	7.20	78.00	28.00	1.00	0.10	0.05
58.42	59.14	6pyrite	RAK_KSD_1349465	9.45	10.67	ASSAY	2.00	6.40	7.60	80.00	19.30	0.70	0.05	0.03
			RAK_KSD_1349466	10.67	11.28	ASSAY	11.00	15.10	9.30	87.00	54.30	2.50	0.10	0.03
60.65	60.82	2pyrite	RAK_KSD_1349467	11.28	12.19	ASSAY	9.00	32.40	6.00	99.00	43.00	1.10	0.10	0.07
65.84	66.45	2pyrite	RAK_KSD_1349468	12.19	12.50	ASSAY	24.00	38.20	8.90	104.00	11.10	1.40	0.20	0.03
			RAK_KSD_1349470	12.50	14.02	ASSAY	5.00	5.10	9.60	87.00	15.30	0.60	0.10	0.03
76.60	77.02	2pyrite Comment: in brecciated zone	RAK_KSD_1349471	14.02	15.24	ASSAY	52.00	108.40	23.00	73.00	35.20	2.70	0.20	0.06
			RAK_KSD_1349472	15.24	15.54	ASSAY	5.00	5.00	6.60	72.00	15.20	0.40	0.10	0.03
81.90	90.00	1pyrite Comment: 2% pyrite in brecciated zones	RAK_KSD_1349473	15.54	16.46	ASSAY	103.00	102.70	6.70	77.00	33.60	0.70	0.05	0.10
			RAK_KSD_1349474	16.46	17.68	ASSAY	18.00	175.10	12.70	79.00	30.00	0.60	0.20	0.07
103.44	103.46	30pyrite Comment: qtz-calcite-pyrite vein	RAK_KSD_1349475	17.68	19.20	ASSAY	54.00	306.40	17.70	251.00	30.20	0.50	0.50	0.05
			RAK_KSD_1349476	19.20	20.12	ASSAY	42.00	330.40	390.80	250.00	21.80	0.90	1.20	0.05
104.63	106.00	3pyrite	RAK_KSD_1349477	20.12	20.42	ASSAY	37.00	403.50	543.80	1,566.00	341.10	0.80	2.80	0.09
			RAK_KSD_1349478	20.42	21.34	ASSAY	36.00	477.90	318.10	2,284.00	463.40	0.60	1.00	0.10
112.00	113.39	3pyrite	RAK_KSD_1349479	21.34	22.86	ASSAY	62.00	365.70	37.10	151.00	80.10	0.40	0.40	0.12
			RAK_KSD_1349480	22.86	24.38	ASSAY	10.00	108.30	12.90	87.00	51.60	0.30	0.20	0.09
132.76	132.92	5pyrite	RAK_KSD_1349482	24.38	24.99	ASSAY	9.00	29.10	15.70	91.00	16.90	0.40	0.20	0.03
			RAK_KSD_1349483	24.99	26.52	ASSAY	6.00	16.60	9.40	72.00	12.80	0.20	0.05	0.03
Structure			RAK_KSD_1349484	26.52	28.04	ASSAY	13.00	22.20	9.40	84.00	13.10	0.50	0.05	0.03
10.67	11.08	gouge	RAK_KSD_1349485	28.04	28.65	ASSAY	38.00	85.00	13.20	103.00	15.70	1.10	0.20	0.03
			RAK_KSD_1349486	28.65	29.26	ASSAY	6.00	18.00	9.40	77.00	12.40	0.30	0.10	0.03

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From	To	Lithology	Samples Details											
11.50	12.50	gouge	RAK_KSD_1349487	29.26	30.48	ASSAY	4.00	31.60	7.10	71.00	9.50	0.20	0.10	0.03
			RAK_KSD_1349488	30.48	32.00	ASSAY	3.00	17.80	11.50	69.00	14.60	1.00	0.20	0.03
16.00	17.80	gouge	RAK_KSD_1349489	32.00	33.53	ASSAY	6.00	137.00	12.40	61.00	20.70	0.20	0.30	0.40
			RAK_KSD_1349490	32.00	33.53	FieldDup	8.00	110.90	11.60	62.00	17.80	0.10	0.30	0.27
27.70	28.65	gouge	RAK_KSD_1349491	33.53	35.05	ASSAY	82.00	263.90	16.80	74.00	19.40	0.20	0.20	0.29
			RAK_KSD_1349492	35.05	36.58	ASSAY	61.00	392.90	30.10	112.00	22.90	0.40	0.20	0.09
34.46	34.66	gouge	RAK_KSD_1349493	36.58	38.10	ASSAY	5.00	91.30	15.60	79.00	14.00	0.40	0.10	0.03
			RAK_KSD_1349494	38.10	39.62	ASSAY	4.00	157.90	23.70	85.00	18.40	0.40	0.20	0.07
47.45	48.25	gouge Comment: Grey green gouge zone with low recovery.	RAK_KSD_1349495	39.62	41.15	ASSAY	1.00	119.00	24.50	70.00	11.70	0.20	0.10	0.08
			RAK_KSD_1349496	41.15	42.67	ASSAY	115.00	692.40	20.00	61.00	38.20	0.80	0.20	0.17
65.84	66.45	gouge Comment: Gouge with fractured pyrite bearing qtz vein.	RAK_KSD_1349497	42.67	44.20	ASSAY	25.00	411.80	36.60	77.00	22.00	0.80	0.30	0.28
			RAK_KSD_1349498	44.20	45.72	ASSAY	18.00	172.10	8.30	64.00	19.90	1.50	0.20	0.17
107.80	108.73	gouge Comment: Gouge/V.low recovery	RAK_KSD_1349500	45.72	47.24	ASSAY	3.00	15.10	12.20	77.00	24.30	0.60	0.30	0.09
			RAK_KSD_1348651	47.24	48.77	ASSAY	3.00	4.20	6.90	72.00	17.70	0.50	0.40	0.09
			RAK_KSD_1348652	48.77	50.29	ASSAY	4.00	3.40	4.50	73.00	19.80	0.30	0.40	0.03
			RAK_KSD_1348653	50.29	51.82	ASSAY	4.00	2.50	7.00	76.00	16.70	0.50	0.40	0.03
			RAK_KSD_1348654	51.82	53.34	ASSAY	3.00	2.40	8.20	61.00	18.50	0.30	0.30	0.03
			RAK_KSD_1348655	53.34	54.56	ASSAY	3.00	2.30	9.60	74.00	18.30	0.80	0.50	0.08
			RAK_KSD_1348656	54.56	55.47	ASSAY	4.00	2.80	5.30	70.00	18.90	0.70	0.30	0.14
			RAK_KSD_1348657	55.47	57.00	ASSAY	1.00	2.80	5.50	64.00	29.40	0.50	0.30	0.13
			RAK_KSD_1348658	57.00	57.91	ASSAY	7.00	8.40	5.40	66.00	21.00	0.80	0.20	0.16
			RAK_KSD_1348659	57.91	59.44	ASSAY	62.00	159.10	93.50	262.00	50.70	0.70	0.60	2.39
			RAK_KSD_1348661	59.44	60.96	ASSAY	27.00	630.50	12.50	77.00	77.30	1.00	0.50	0.80
			RAK_KSD_1348662	60.96	62.48	ASSAY	4.00	14.80	4.70	71.00	19.80	1.40	0.20	0.13
			RAK_KSD_1348663	62.48	64.01	ASSAY	7.00	158.50	5.60	65.00	27.80	0.80	0.20	0.26
			RAK_KSD_1348664	64.01	64.31	ASSAY	3.00	11.30	6.30	80.00	22.50	0.70	0.30	0.10
			RAK_KSD_1348665	64.31	65.84	ASSAY	3.00	38.60	6.00	84.00	25.70	0.60	0.20	0.15
			RAK_KSD_1348666	65.84	66.45	ASSAY	83.00	237.30	1,349.90	1,655.00	31.10	1.70	0.90	2.08
			RAK_KSD_1348667	66.45	67.97	ASSAY	10.00	537.30	13.90	76.00	53.80	0.60	0.30	0.40
			RAK_KSD_1348668	67.97	69.49	ASSAY	2.00	49.10	26.90	511.00	77.30	0.30	0.30	0.07
			RAK_KSD_1348669	69.49	71.02	ASSAY	4.00	34.90	9.50	344.00	71.20	0.30	0.30	0.19
			RAK_KSD_1348670	71.02	71.93	ASSAY	4.00	23.80	12.80	105.00	46.90	1.00	0.20	0.20
			RAK_KSD_1348671	71.93	72.85	ASSAY	3.00	18.80	14.50	96.00	26.80	0.50	0.10	0.13
			RAK_KSD_1348672	72.85	74.37	ASSAY	4.00	21.70	9.10	92.00	34.60	0.10	0.20	0.29
			RAK_KSD_1348673	72.85	74.37	FieldDup	4.00	20.20	9.40	90.00	38.70	0.05	0.20	0.24
			RAK_KSD_1348674	74.37	75.59	ASSAY	4.00	15.70	12.80	76.00	48.70	0.20	0.20	0.31
			RAK_KSD_1348675	75.59	76.20	ASSAY	3.00	8.00	13.30	77.00	52.20	0.40	0.20	0.50
			RAK_KSD_1348676	76.20	77.72	ASSAY	3.00	7.80	6.50	67.00	21.00	0.40	0.20	0.65
			RAK_KSD_1348677	77.72	79.00	ASSAY	2.00	2.20	6.30	73.00	16.50	0.20	0.05	0.22
			RAK_KSD_1348678	79.00	80.00	ASSAY	1.00	4.80	9.80	72.00	21.70	0.40	0.20	0.46
			RAK_KSD_1348680	80.00	81.00	ASSAY	1.00	5.80	6.90	68.00	23.30	0.80	0.05	0.33
			RAK_KSD_1348681	81.00	82.00	ASSAY								

From	To	Lithology	Samples Details			
			RAK_KSD_1348682	82.00	83.00	ASSAY
			RAK_KSD_1348683	83.00	84.00	ASSAY
			RAK_KSD_1348684	84.00	85.00	ASSAY
			RAK_KSD_1348685	85.00	86.00	ASSAY
			RAK_KSD_1348686	86.00	87.48	ASSAY
			RAK_KSD_1348687	87.48	88.39	ASSAY
			RAK_KSD_1348688	88.39	89.00	ASSAY
			RAK_KSD_1348689	89.00	90.00	ASSAY
			RAK_KSD_1348691	90.00	91.00	ASSAY
			RAK_KSD_1348692	91.00	92.00	ASSAY
			RAK_KSD_1348693	92.00	93.00	ASSAY
			RAK_KSD_1348694	93.00	94.00	ASSAY
			RAK_KSD_1348695	94.00	95.00	ASSAY
			RAK_KSD_1348696	95.00	96.00	ASSAY
			RAK_KSD_1348697	96.00	97.00	ASSAY
			RAK_KSD_1348698	97.00	98.00	ASSAY
			RAK_KSD_1348699	98.00	99.00	ASSAY
			RAK_KSD_1348700	99.00	100.00	ASSAY
			RAK_KSD_1348701	100.00	101.00	ASSAY
			RAK_KSD_1348702	101.00	102.00	ASSAY
			RAK_KSD_1348703	102.00	103.00	ASSAY
			RAK_KSD_1348704	103.00	104.00	ASSAY
			RAK_KSD_1348705	103.00	104.00	FieldDup
			RAK_KSD_1348706	104.00	105.00	ASSAY
			RAK_KSD_1348707	105.00	106.00	ASSAY
			RAK_KSD_1348708	106.00	107.00	ASSAY
			RAK_KSD_1348709	107.00	108.00	ASSAY
			RAK_KSD_1348711	108.00	108.73	ASSAY
			RAK_KSD_1348712	108.73	110.00	ASSAY
			RAK_KSD_1348713	110.00	111.00	ASSAY
			RAK_KSD_1348714	111.00	112.00	ASSAY
			RAK_KSD_1348715	112.00	113.00	ASSAY
			RAK_KSD_1348716	113.00	114.00	ASSAY
			RAK_KSD_1348717	114.00	115.00	ASSAY
			RAK_KSD_1348718	115.00	116.00	ASSAY
			RAK_KSD_1348719	116.00	117.00	ASSAY
			RAK_KSD_1348721	117.00	118.00	ASSAY
			RAK_KSD_1348722	118.00	119.00	ASSAY
			RAK_KSD_1348723	119.00	120.00	ASSAY
			RAK_KSD_1348724	120.00	121.00	ASSAY
			RAK_KSD_1348725	121.00	122.00	ASSAY
			RAK_KSD_1348726	122.00	123.00	ASSAY

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From	To	Lithology	Samples Details									
			RAK_KSD_1348727	123.00	124.00	ASSAY						
			RAK_KSD_1348728	124.00	125.00	ASSAY						
			RAK_KSD_1348729	125.00	126.00	ASSAY						
			RAK_KSD_1348730	126.00	127.00	ASSAY						
			RAK_KSD_1348731	126.00	127.00	FieldDup						
			RAK_KSD_1348732	127.00	128.00	ASSAY						
			RAK_KSD_1348733	128.00	129.00	ASSAY						
			RAK_KSD_1348734	129.00	130.00	ASSAY						
			RAK_KSD_1348735	130.00	131.00	ASSAY						
			RAK_KSD_1348736	131.00	132.00	ASSAY						
			RAK_KSD_1348737	132.00	132.73	ASSAY						
			RAK_KSD_1348738	132.73	133.00	ASSAY						
			RAK_KSD_1348740	133.00	134.00	ASSAY						
			RAK_KSD_1348741	134.00	135.00	ASSAY						
			RAK_KSD_1348742	135.00	136.00	ASSAY						
			RAK_KSD_1348743	136.00	137.00	ASSAY						
			RAK_KSD_1348744	137.00	138.00	ASSAY						
			RAK_KSD_1348745	138.00	139.00	ASSAY						
			RAK_KSD_1348746	139.00	140.00	ASSAY						
			RAK_KSD_1348747	140.00	141.00	ASSAY						
			RAK_KSD_1348748	141.00	142.00	ASSAY						

36.20	36.43	QVN, Quartz Vein	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
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Comments: Fractured oxidised qtz vein.

INTERVALS DETAILS:

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132.76	132.92	QVN, Quartz Vein	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
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Comments: 132.92 m crosscutting quartz - pyrite (5%) vein. 60 degrees to core axis. Pyrite mainly occurs as f.g sulphides at the margins of the qtz vein, although <10mm subhedral/~cubic pyrite is also present. Wall rock is moderately reactive with acid. Precipitation mechanism?

INTERVALS DETAILS:

Mineral

132.76	132.92	5pyrite
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From	To	Lithology	Samples Details														
142.00	221.90	QCHS, Quartz Chlorite Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:	f - m.g well foliated Qtz-chlorite-mica schist.																
	Increased silica, both as silica rich bands within the foliated unit and as early foliaform quartz. Unit had a white and green striped appearance.																
	White bands are also calcite-rich. Whole unit appears to react with acid...																
	Also exhibits late, crosscutting calcite veinlets throughout the unit.																
	142.0 - 153.94m Disseminated pyrrhotite (<1mm) blebs start to occur																
	143.52 - 143.94m Brecciated zone with calcite fracture fill with pyrrhotite (3%) and pyrite (1%) (both <1mm blebs with the fractured area). Pyrrhotite>pyrite.																
	157.03 - 157.30m Early qtz vein ~foliaform. No observed mineralization.																
	157.50 - 159.0m Disseminated pyrrhotite (<1mm) blebs																
	160.29 - 161.17m grey, clay-rich, brecciated gouge zone.																
	161.85 - 162.55m. Qtz-pyrite (5%)-sphalerite (3)-galena(1%) vein. ~70 degrees to core axis. Galena observed as an inclusion within a <10mm subhedral pyrite grain. Again the host reacts with acid (precipitation mechanism?). Disseminated subhedral/cubic pyrite is also present ~60cm into the footwall of the vein.																
	164.40 - 166.37m Porphroblastic texture of calcite, <2mm blebs with fuzzy edges located roughly along the foliation.																
	166.38 - 166.67m Qtz-calcite flooded zone with 2% pyrite - 1% pyrrhotite.																
	175.0 - 177.39m local zones of brecciation with associated 2% pyrite.																
	190.50 - 190.82m Qtz flooding area with ~4% subhedral pyrite. The area is magnetic, exhibits minor brecciated textures and veinlets. Vein edges are calcite-rich (reactive).																
	192.02 - 200.56m Slight increase in grain size. Dark mottled appearance.																
198 - 198.50. Qtz-calcite rich area.																	
205.97 - 208.10m. 1% disseminated pyrrhotite. Some cubic pyrrhotite - suggesting further the replacement of pyrite.																	
205.97 - 206.16m. local brecciation with calcite-qtz fracture fill with 2-3% pyrite.																	
209.02 - 209.04m. crosscutting qtz-calcite-haematite vein. 60 degrees to core axis.																	
209.22 - 209.40m. local brecciation with calcite-qtz fracture fill with 2-3% pyrite.																	
210.03 - 210.10m. Qtz vein (60 degrees to core axis) with associated calcite-rich zone. 3%pyrite is present and is hosted primarily within the calcite rich area in footwall of the qtz vein.																	
210.40 - 218.0m. Area of Qtz- calcite zones, local brecciation and 3 % pyrite.																	
INTERVALS DETAILS:				RAK_KSD_1348749	142.00	143.00	ASSAY										
Mineral				RAK_KSD_1348751	143.00	144.00	ASSAY										

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From	To	Lithology	Samples Details			
142.00	153.94	2pyrrhotite	RAK_KSD_1348752	144.00	145.00	ASSAY
		Comment: Alteration of pyrite?	RAK_KSD_1348753	145.00	146.00	ASSAY
143.52	143.94	3pyrrhotite	RAK_KSD_1348754	146.00	147.00	ASSAY
			RAK_KSD_1348755	147.00	148.00	ASSAY
143.52	143.94	1pyrite	RAK_KSD_1348756	148.00	149.00	ASSAY
			RAK_KSD_1348757	149.00	150.00	ASSAY
143.52	143.94	35calcite	RAK_KSD_1348758	150.00	151.00	ASSAY
			RAK_KSD_1348759	151.00	152.00	ASSAY
157.50	159.00	1pyrrhotite	RAK_KSD_1348760	151.00	152.00	FieldDup
			RAK_KSD_1348761	152.00	153.00	ASSAY
161.85	162.55	3sphalerite	RAK_KSD_1348762	153.00	154.00	ASSAY
			RAK_KSD_1348763	154.00	155.00	ASSAY
161.85	162.55	1galena	RAK_KSD_1348764	155.00	156.00	ASSAY
			RAK_KSD_1348765	156.00	157.00	ASSAY
161.85	162.55	5pyrite	RAK_KSD_1348766	157.00	158.00	ASSAY
			RAK_KSD_1348767	158.00	159.00	ASSAY
210.40	218.00	3pyrite	RAK_KSD_1348768	159.00	160.39	ASSAY
			RAK_KSD_1348770	160.39	161.85	ASSAY
Structure			RAK_KSD_1348771	161.85	162.55	ASSAY
			RAK_KSD_1348772	162.55	164.00	ASSAY
160.29	161.17	gouge	RAK_KSD_1348773	164.00	165.00	ASSAY
			RAK_KSD_1348774	165.00	166.00	ASSAY
			RAK_KSD_1348775	166.00	167.00	ASSAY
			RAK_KSD_1348776	167.00	168.00	ASSAY
			RAK_KSD_1348777	168.00	169.00	ASSAY
			RAK_KSD_1348778	169.00	170.00	ASSAY
			RAK_KSD_1348779	170.00	171.00	ASSAY
			RAK_KSD_1348781	171.00	172.00	ASSAY
			RAK_KSD_1348782	172.00	173.00	ASSAY
			RAK_KSD_1348783	173.00	174.00	ASSAY
			RAK_KSD_1348784	174.00	175.00	ASSAY
			RAK_KSD_1348785	175.00	176.00	ASSAY
			RAK_KSD_1348786	176.00	177.00	ASSAY
			RAK_KSD_1348787	177.00	178.00	ASSAY
			RAK_KSD_1348788	178.00	179.00	ASSAY
			RAK_KSD_1348789	179.00	180.00	ASSAY
			RAK_KSD_1348790	180.00	181.00	ASSAY
			RAK_KSD_1348791	180.00	181.00	FieldDup
			RAK_KSD_1348792	181.00	182.00	ASSAY
			RAK_KSD_1348793	182.00	183.00	ASSAY
			RAK_KSD_1348794	183.00	184.00	ASSAY
			RAK_KSD_1348795	184.00	185.00	ASSAY

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From	To	Lithology	Samples Details									
			RAK_KSD_1348796	185.00	186.00	ASSAY						
			RAK_KSD_1348797	186.00	187.00	ASSAY						
			RAK_KSD_1348798	187.00	188.00	ASSAY						
			RAK_KSD_1348799	188.00	189.00	ASSAY						
			RAK_KSD_1348801	189.00	190.50	ASSAY						
			RAK_KSD_1348802	190.50	191.00	ASSAY						
			RAK_KSD_1348803	191.00	192.50	ASSAY						
			RAK_KSD_1348804	192.50	194.00	ASSAY						
			RAK_KSD_1348805	194.00	195.50	ASSAY						
			RAK_KSD_1348806	195.50	197.00	ASSAY						
			RAK_KSD_1348807	197.00	198.00	ASSAY						
			RAK_KSD_1348808	198.00	199.00	ASSAY						
			RAK_KSD_1348809	199.00	200.50	ASSAY						
			RAK_KSD_1348811	200.50	202.00	ASSAY						
			RAK_KSD_1348812	202.00	203.50	ASSAY						
			RAK_KSD_1348813	203.50	205.00	ASSAY						
			RAK_KSD_1348814	205.00	206.50	ASSAY						
			RAK_KSD_1348815	206.50	208.00	ASSAY						
			RAK_KSD_1348816	208.00	209.00	ASSAY						
			RAK_KSD_1348817	209.00	210.00	ASSAY						
			RAK_KSD_1348818	210.00	211.00	ASSAY						
			RAK_KSD_1348819	211.00	212.00	ASSAY						
			RAK_KSD_1348820	211.00	212.00	FieldDup						
			RAK_KSD_1348821	212.00	213.00	ASSAY						
			RAK_KSD_1348822	213.00	214.00	ASSAY						
			RAK_KSD_1348823	214.00	215.00	ASSAY						
			RAK_KSD_1348824	215.00	216.00	ASSAY						
			RAK_KSD_1348825	216.00	217.00	ASSAY						
			RAK_KSD_1348826	217.00	218.00	ASSAY						
			RAK_KSD_1348827	218.00	219.00	ASSAY						
			RAK_KSD_1348828	219.00	220.00	ASSAY						
			RAK_KSD_1348829	220.00	221.00	ASSAY						
			RAK_KSD_1348831	221.00	221.90	ASSAY	3.00	6.20	12.00	68.00	29.50	0.20

Hole Number RAK_KSD_DDH13-03

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From	To	Lithology	Samples Details													
161.85	162.55	QVN, Quartz Vein	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Qtz-pyrite (5%)-sphalerite (3)-galena(1%) vein. ~70 degrees to core axis. Galena observed as an inclusion within a <10mm subhedral pyrite grain.												
INTERVALS DETAILS:				RAK_KSD_1348771	161.85	162.55	ASSAY									
Mineral																

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From		To	Lithology	Samples Details													
221.90	391.20		CMS, Chlorite Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct

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From	To	Lithology	Samples Details
<div>Comments: f.g moderately foliated Chlorite-mica schist.</div> <div>Reduced stripy appearance and both reduced qtz and calcite contents.</div> <div>Unit still exhibits late <1mm crosscutting calcite veinlets. The unit itself doesn't react with acid.</div> <div>228.0 - 234.0m. 1% disseminated pyrrhotite.</div> <div>234.27 - 234.37m. Locally brecciated with m.g calcite infill. 234.90 - 236m. 3% disseminated pyrrhotite.</div> <div>235.19 - 235.41m. Qtz rich (flooded?) zone with local brecciation. Contains haematitic late <1mm veinlets and pyrrhotite (2-3%) and pyrite (1%).</div> <div>240.93 - 21.11m. vein network of crosscutting <1mm calcite veinlets.</div> <div>241.25 - 241.26m. crosscutting qtz-calcite vein. 65 degrees to core axis.</div> <div>241.0 - 242.70m. 2% disseminated pyrrhotite.</div> <div>249.51 - 249.60m. Crosscutting quartz-calcite-haematite-pyrite (2%) vein. 25 degrees to core axis.</div> <div>248.60 - 252.68m. disseminated pyrrhotite 2%.</div> <div>255.53m calcite content starts to increase and occurs as both crosscutting calcite veinlets and calcite rich layers within the foliated package. This increase in calcite is accompanied by an increase in pyrite. 2-3% pyrite is present within calcite +/- qtz layers within the schist. Is the calcite content critical for pyrite precipitation?</div> <div>255.53 - 256.60m 2-3% pyrite within these calcite richs layers.</div> <div>256.95 - 257.20m. calcite vein network with associated 2% pyrite. Pyrite is generaly observed at the vein edges. Calcite is a salmon colour in places, I think in my initial report I recorded this as K-feldpar (I think i was wrong).</div> <div>274.85 - 276.10m Crosscutting purple (magnetic) - pyrite (1%) <10mm veins</div> <div>277.07 - 281.40m section exhibiting foliaform qtz veins. Some of contains ~1% pyrite.</div> <div>281.85 - 282.10m. qtz-epi zone with 2% pyrite.</div> <div>282.49 - 282.66m. qtz-epi-pyrite (1%) vein. roughly foliaform with crosscuting <1mm haematitic veinlets.</div> <div>292.35 - 292.46m. qtz-epi-pyrite (2%).</div> <div>297.49 - 297.92m brecciated section along half of the core. Just catching the edge of a brecciated zone?</div> <div>297.92 - 298.34m fractured white qtz vein. trace to 0.5% pyrite observed.</div> <div>299.70 - 303.0m. zone of low recovery. possible structure/fault?</div> <div>313.09 - 313.15m. zone of minor brecciation, calcite fracture fill and 1% pyrrhotite.</div>			

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From	To	Lithology	Samples Details											
			315.13 - 315.26m. local brecciation. calcite-fracture fill, 1% <2mm subhedral pyrite.											
			316m. Increase in silica content. unit is well foliated. increase in foliaform qtz, zones of local brecciation and increased pyrite content.											
			315.45 - 315.78m. zone of local brecciation. 1% f.g pyrite.											
			316.90 - 318.0m. local brecciation with bleaching? around qtz rich areas. 1-2% pyrite											
			318.92 - 319.0m. crosscutting white, fractured qtz vein. 40 degrees to core axis.											
			319.13 - 319.40m. Zone of qtz veining ranging from 2 - 19 cm crosscutting qtz veins. Between veins disseminated subehdral pyrite (<5mm) and fracture related pyrite in local brecciated zones. Some of these veins are mineralized veins are truncated by later brittle fractures. Pyrite 3-4%.											
			322.70 - 323.73m. highly micaceous section.											
			329.30 - 331.67m. Increased qtz flooding, silicified?, not a lots of calcite (unreactive with acid). 4% f.g pyrite in qtz flooded zones and roughly along foliation.											
			331.36 - 331.67m. large (<10mm) both disseminated and fracture related subhedral pyrite and arsenopyrite.											
			331.67 - 332.40m. zone of bleaching, brittle fracture, qtz flooding and f.g - subhedral <10mm pyrite (5%). moderate-strong reaction with acid.											
			336.90 - 341.80m. prophroblastic calcite texture.											
			337.37 - 337.89m. fractured qtz vein.											
			343.12 - 348.20m. zone of silicification/bleaching and 5% f.g pyrite.											
			344.97 - 345.5m. bleached/veined? zone with 5% disseminated pyrite?. like almost like pyrite but is slightly dull and doesn't exhibit pyrite cubes. If this is pyrite it is a different form of pyrite. This zone almost appears to be crosscutting the schist (~30 degrees to core axis).											
			352.06 - 352.26m. silicified/bleached section. 5% disseminated pyrite.											
			352.26 - 252.46m. Breccia/ fractured zone.											
			355.71 - 356.0m. Late crosscutting calcite-pyrite (2%) vein. 15 degrees to core axis.											
			355.71 - 359.0m. dark mottled appearance and possibly associated subhedral (<15mm) pyrite (3%) and arsenopyrite (3%).											
			358.82 - 358.86m. 4-5% fracture related. subhedral pyrite. Surrounding area, none - weak reaction with acid.											
			367.84 - 376.97m. Disseminated subhedral pyrite (2%) and fracture related pyrite with <1mm crosscutting calcite veinlets (1-2%).											
INTERVALS DETAILS:			RAK_KSD_1348832	221.90	223.50	ASSAY	14.00	22.50	16.60	78.00	29.40	2.90	0.20	0.99
Mineral			RAK_KSD_1348833	223.50	225.00	ASSAY	4.00	3.30	13.80	69.00	33.80	0.30	0.05	0.24
228.00	234.00	1pyrrhotite	RAK_KSD_1348834	225.00	226.50	ASSAY	6.00	3.90	9.70	82.00	21.60	1.40	0.05	0.43
			RAK_KSD_1348835	226.50	228.00	ASSAY	4.00	6.80	5.20	80.00	21.00	4.10	0.05	0.51
234.90	236.00	3pyrrhotite	RAK_KSD_1348836	228.00	229.50	ASSAY	1.00	1.50	3.80	72.00	11.50	0.60	0.05	0.22
			RAK_KSD_1348837	229.50	231.00	ASSAY	1.00	0.50	2.10	70.00	6.40	0.10	0.05	0.13

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From	To	Lithology	Samples Details											
235.19	235.41	2pyrrhotite	RAK_KSD_1348838	231.00	232.50	ASSAY	1.00	1.30	4.80	76.00	12.30	0.05	0.20	0.08
			RAK_KSD_1348839	232.50	234.00	ASSAY	3.00	0.90	3.30	74.00	18.30	0.05	0.10	0.12
235.19	235.41	1pyrite	RAK_KSD_1348841	234.00	235.50	ASSAY	1.00	0.80	4.30	65.00	30.00	0.05	0.20	0.20
			RAK_KSD_1348842	235.50	237.00	ASSAY	1.00	0.60	4.10	68.00	16.70	0.05	0.10	0.13
241.00	242.70	2pyrrhotite	RAK_KSD_1348843	237.00	238.55	ASSAY	1.00	1.70	2.80	68.00	42.90	0.60	0.10	0.21
			RAK_KSD_1348844	238.55	240.00	ASSAY	14.00	48.40	10.50	69.00	65.10	9.30	0.40	0.94
248.60	252.68	2pyrrhotite	RAK_KSD_1348845	240.00	241.50	ASSAY	9.00	24.00	4.30	72.00	54.10	0.05	0.10	0.56
			RAK_KSD_1348846	241.50	243.00	ASSAY	1.00	7.90	1.90	68.00	45.20	0.40	0.10	0.35
255.53	256.60	3pyrite Comment: Present along calcite-rich layers.	RAK_KSD_1348847	243.00	244.00	ASSAY	1.00	6.20	1.90	65.00	27.70	0.40	0.10	0.30
			RAK_KSD_1348848	243.00	244.00	FieldDup	1.00	4.50	2.00	69.00	28.60	0.30	0.05	0.30
			RAK_KSD_1348849	244.00	245.50	ASSAY	4.00	9.90	2.90	73.00	38.10	3.40	0.20	0.46
			RAK_KSD_1348850	245.50	247.00	ASSAY	1.00	2.20	1.50	67.00	32.50	0.80	0.05	0.17
			RAK_KSD_1348851	247.00	248.00	ASSAY	2.00	5.30	1.60	61.00	31.50	2.10	0.20	0.29
			RAK_KSD_1348852	248.00	249.33	ASSAY	1.00	1.70	1.50	76.00	22.40	0.60	0.10	0.15
			RAK_KSD_1348853	249.33	249.63	ASSAY	2.00	7.70	6.50	61.00	16.50	0.40	0.05	0.60
			RAK_KSD_1348855	249.63	251.00	ASSAY	1.00	3.80	2.40	77.00	26.90	0.20	0.10	0.36
			RAK_KSD_1348856	251.00	252.50	ASSAY	1.00	5.90	1.40	78.00	43.90	0.50	0.10	0.37
			RAK_KSD_1348857	252.50	254.00	ASSAY	1.00	8.60	1.90	76.00	24.40	0.90	0.10	0.44
			RAK_KSD_1348858	254.00	255.50	ASSAY	1.00	4.10	2.20	75.00	18.00	0.40	0.05	0.34
			RAK_KSD_1348859	255.50	256.90	ASSAY	2.00	6.00	3.50	64.00	20.80	6.40	0.10	3.45
			RAK_KSD_1348860	256.90	258.00	ASSAY	3.00	14.40	4.50	76.00	28.70	3.90	0.10	1.10
			RAK_KSD_1348861	258.00	259.50	ASSAY	1.00	5.90	4.20	58.00	18.70	0.05	0.05	0.38
			RAK_KSD_1348862	259.50	261.00	ASSAY	1.00	3.20	5.10	59.00	38.30	0.05	0.05	0.26
			RAK_KSD_1348863	261.00	262.50	ASSAY	1.00	5.00	4.60	72.00	25.50	1.20	0.05	0.46
			RAK_KSD_1348864	262.50	264.00	ASSAY	7.00	5.80	4.80	61.00	19.40	1.50	0.05	1.87
			RAK_KSD_1348865	264.00	265.50	ASSAY	3.00	4.30	7.20	72.00	27.80	0.60	0.10	0.26
			RAK_KSD_1348866	265.50	267.00	ASSAY	1.00	2.70	4.00	74.00	23.90	0.50	0.05	0.22
			RAK_KSD_1348867	267.00	268.50	ASSAY	1.00	1.90	3.90	77.00	29.20	0.40	0.10	0.35
			RAK_KSD_1348868	268.50	270.00	ASSAY	1.00	6.00	5.00	72.00	16.50	0.10	0.10	0.63
			RAK_KSD_1348869	270.00	271.50	ASSAY	1.00	10.30	11.50	75.00	16.90	0.40	0.05	0.68
			RAK_KSD_1348871	271.50	273.00	ASSAY	1.00	4.60	3.90	77.00	27.30	0.40	0.10	0.57
			RAK_KSD_1348872	273.00	274.50	ASSAY	1.00	9.00	4.80	71.00	12.40	0.80	0.20	0.66
			RAK_KSD_1348873	274.50	276.00	ASSAY	1.00	6.70	4.70	79.00	22.80	0.20	0.05	0.30
			RAK_KSD_1348874	276.00	277.50	ASSAY	1.00	19.00	7.10	76.00	21.50	0.90	0.10	0.62
			RAK_KSD_1348875	277.50	279.00	ASSAY	7.00	45.60	7.20	74.00	31.90	1.90	0.10	1.13
			RAK_KSD_1348876	279.00	280.50	ASSAY	1.00	5.10	4.00	78.00	22.50	0.80	0.10	0.47
			RAK_KSD_1348877	280.50	281.85	ASSAY	1.00	1.50	1.80	77.00	24.80	0.30	0.10	0.16
			RAK_KSD_1348878	281.85	283.16	ASSAY	1.00	5.10	2.20	76.00	23.10	0.05	0.10	0.21
			RAK_KSD_1348879	283.16	284.00	ASSAY	1.00	1.00	2.50	84.00	16.10	0.05	0.05	0.09
			RAK_KSD_1348880	284.00	285.50	ASSAY	2.00	3.50	2.30	94.00	17.60	0.05	0.05	0.22
			RAK_KSD_1348881	285.50	287.00	ASSAY	1.00	4.20	2.50	76.00	19.50	0.05	0.05	0.31
			RAK_KSD_1348882	285.50	287.00	FieldDup	1.00	3.40	2.60	77.00	14.60	0.05	0.05	0.28

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From	To	Lithology	Samples Details											
			RAK_KSD_1348883	287.00	287.92	ASSAY	1.00	0.90	1.80	64.00	35.10	0.05	0.05	0.03
			RAK_KSD_1348884	287.92	289.26	ASSAY	1.00	0.25	1.00	44.00	8.10	0.05	0.05	0.03
			RAK_KSD_1348885	289.26	290.50	ASSAY	1.00	0.80	2.00	67.00	17.50	0.05	0.10	0.07
			RAK_KSD_1348886	290.50	292.00	ASSAY	1.00	2.00	1.70	77.00	23.10	0.50	0.10	0.14
			RAK_KSD_1348887	292.00	293.08	ASSAY	1.00	2.20	1.70	73.00	19.40	3.70	0.30	0.19
			RAK_KSD_1348888	293.08	294.44	ASSAY	1.00	1.90	2.00	78.00	22.10	0.20	0.20	0.32
			RAK_KSD_1348890	294.44	296.00	ASSAY	2.00	3.30	1.70	80.00	27.40	0.30	0.20	0.28
			RAK_KSD_1348891	296.00	297.49	ASSAY	5.00	11.00	2.70	73.00	24.40	0.20	0.20	0.37
			RAK_KSD_1348892	297.49	299.00	ASSAY	1.00	1.90	1.90	73.00	20.00	0.20	0.10	0.21
			RAK_KSD_1348893	299.00	299.70	ASSAY	1.00	1.80	1.00	78.00	29.20	0.05	0.10	0.20
			RAK_KSD_1348894	299.70	300.92	ASSAY	1.00	4.50	2.70	80.00	32.50	0.05	0.20	0.64
			RAK_KSD_1348895	300.92	302.00	ASSAY	1.00	8.70	3.20	74.00	28.40	0.05	0.20	0.40
			RAK_KSD_1348896	302.00	303.00	ASSAY	1.00	4.80	2.80	73.00	15.40	0.30	0.10	0.60
			RAK_KSD_1348897	303.00	304.50	ASSAY	1.00	2.40	1.60	77.00	29.90	0.20	0.10	0.26
			RAK_KSD_1348898	304.50	306.02	ASSAY	1.00	1.60	2.30	78.00	30.60	0.05	0.05	0.30
			RAK_KSD_1348899	306.02	307.00	ASSAY	1.00	1.50	1.70	83.00	37.90	0.05	0.10	0.22
			RAK_KSD_1348901	307.00	308.50	ASSAY	1.00	1.90	2.10	90.00	22.20	0.05	0.05	0.24
			RAK_KSD_1348902	308.50	310.00	ASSAY	1.00	1.30	5.60	84.00	23.00	1.30	0.10	0.20
			RAK_KSD_1348903	310.00	311.50	ASSAY	4.00	1.50	6.80	102.00	21.70	1.80	0.05	0.31
			RAK_KSD_1348904	311.50	313.00	ASSAY	4.00	4.00	9.50	81.00	22.00	0.80	0.10	1.02
			RAK_KSD_1348905	313.00	314.50	ASSAY	1.00	5.60	13.10	96.00	19.50	1.10	0.05	0.80
			RAK_KSD_1348906	314.50	316.00	ASSAY	4.00	16.30	11.40	59.00	12.00	0.40	0.05	0.77
			RAK_KSD_1348907	316.00	317.50	ASSAY	1.00	5.60	10.30	63.00	24.40	0.60	0.05	0.89
			RAK_KSD_1348908	317.50	319.00	ASSAY	2.00	10.40	5.80	59.00	15.20	0.70	0.05	0.50
			RAK_KSD_1348909	319.00	320.00	ASSAY	14.00	87.70	8.50	38.00	28.00	0.70	0.05	0.95
			RAK_KSD_1348910	319.00	320.00	FieldDup	22.00	97.90	8.90	38.00	26.50	0.60	0.05	1.01
			RAK_KSD_1348911	320.00	321.50	ASSAY	13.00	218.70	12.40	49.00	22.80	0.80	0.10	1.17
			RAK_KSD_1348912	321.50	323.00	ASSAY	1.00	8.00	10.30	64.00	15.00	0.30	0.05	0.33
			RAK_KSD_1348913	323.00	324.50	ASSAY	4.00	4.80	9.30	39.00	10.40	2.70	0.05	0.26
			RAK_KSD_1348914	324.50	326.00	ASSAY	1.00	8.00	5.30	59.00	10.00	0.20	0.05	0.36
			RAK_KSD_1348915	326.00	327.50	ASSAY	1.00	3.00	4.60	71.00	17.60	0.20	0.05	0.55
			RAK_KSD_1348916	327.50	329.00	ASSAY	1.00	3.20	6.60	73.00	20.60	0.70	0.05	0.26
			RAK_KSD_1348917	329.00	330.50	ASSAY	7.00	22.80	6.30	97.00	24.90	0.80	0.05	1.19
			RAK_KSD_1348918	330.50	332.00	ASSAY	38.00	929.70	12.90	81.00	28.20	2.00	0.40	2.17
			RAK_KSD_1348919	332.00	333.00	ASSAY	52.00	309.40	11.50	71.00	38.80	0.80	0.10	2.07
			RAK_KSD_1348921	333.00	334.50	ASSAY	3.00	13.10	5.90	65.00	14.20	0.60	0.05	0.98
			RAK_KSD_1348922	334.50	336.00	ASSAY	2.00	5.30	4.70	76.00	25.90	0.30	0.05	0.31
			RAK_KSD_1348923	336.00	337.37	ASSAY	10.00	1.40	6.60	63.00	41.50	0.60	0.05	0.08
			RAK_KSD_1348924	337.37	338.00	ASSAY	3.00	0.25	2.80	25.00	21.20	0.70	0.05	0.03
			RAK_KSD_1348925	338.00	339.50	ASSAY	3.00	1.80	5.20	73.00	44.30	0.40	0.05	0.40
			RAK_KSD_1348926	339.50	341.00	ASSAY	3.00	0.25	3.60	65.00	41.90	0.40	0.05	0.08
			RAK_KSD_1348927	341.00	342.50	ASSAY	1.00	3.30	5.00	59.00	44.20	0.80	0.05	0.14

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From	To	Lithology	Samples Details											
			RAK_KSD_1348928	342.50	344.00	ASSAY	15.00	48.50	3.60	35.00	11.00	0.60	0.05	0.62
			RAK_KSD_1348929	344.00	345.50	ASSAY	10.00	20.60	4.80	25.00	4.00	1.30	0.05	0.88
			RAK_KSD_1348930	345.50	347.00	ASSAY	10.00	24.80	5.00	22.00	3.20	0.90	0.05	0.60
			RAK_KSD_1348931	347.00	348.50	ASSAY	2.00	4.50	3.50	38.00	8.10	4.30	0.05	0.26
			RAK_KSD_1348932	348.50	350.00	ASSAY	1.00	1.70	2.70	78.00	39.00	1.00	0.05	0.12
			RAK_KSD_1348934	350.00	351.50	ASSAY	4.00	3.80	3.30	70.00	34.10	0.50	0.05	0.23
			RAK_KSD_1348935	351.50	353.00	ASSAY	1.00	10.70	4.50	72.00	21.70	0.50	0.05	0.70
			RAK_KSD_1348936	353.00	354.50	ASSAY	1.00	10.80	7.20	75.00	22.00	0.50	0.05	0.08
			RAK_KSD_1348937	354.50	356.00	ASSAY	7.00	19.20	5.90	69.00	28.30	0.50	0.05	0.25
			RAK_KSD_1348938	356.00	357.00	ASSAY	35.00	986.40	13.40	53.00	39.00	0.90	0.20	1.63
			RAK_KSD_1348939	357.00	358.00	ASSAY	32.00	1,204.00	23.30	64.00	46.60	0.90	0.20	1.09
			RAK_KSD_1348940	358.00	359.00	ASSAY	49.00	359.50	21.00	54.00	30.20	8.20	0.20	2.07
			RAK_KSD_1348941	358.00	359.00	FieldDup	39.00	588.50	15.00	57.00	20.70	4.30	0.30	1.71
			RAK_KSD_1348942	359.00	360.50	ASSAY	5.00	169.80	11.40	65.00	17.90	5.90	0.05	0.28
			RAK_KSD_1348943	360.50	362.00	ASSAY	4.00	18.40	9.10	78.00	56.10	0.50	0.05	0.22
			RAK_KSD_1348944	362.00	363.50	ASSAY	5.00	4.80	5.20	74.00	67.80	0.30	0.05	0.06
			RAK_KSD_1348945	363.50	365.00	ASSAY	4.00	13.50	11.60	57.00	23.60	2.00	0.05	0.30
			RAK_KSD_1348946	365.00	366.50	ASSAY	4.00	12.00	6.30	55.00	19.80	0.70	0.05	0.28
			RAK_KSD_1348947	366.50	368.00	ASSAY	5.00	22.30	6.30	45.00	23.00	1.50	0.10	0.34
			RAK_KSD_1348948	368.00	369.50	ASSAY	4.00	28.90	7.40	74.00	31.10	1.40	0.20	0.51
			RAK_KSD_1348949	369.50	371.00	ASSAY	3.00	19.40	9.50	84.00	32.20	1.20	0.05	0.34
			RAK_KSD_1348951	371.00	372.00	ASSAY	2.00	10.60	6.40	77.00	31.00	1.50	0.05	0.25
			RAK_KSD_1348952	372.00	373.00	ASSAY	4.00	15.60	8.60	77.00	27.10	1.60	0.05	0.25
			RAK_KSD_1348953	373.00	374.00	ASSAY	2.00	12.40	4.90	86.00	26.00	2.00	0.05	0.26
			RAK_KSD_1348954	374.00	375.00	ASSAY	5.00	66.30	11.40	105.00	40.20	1.60	0.10	0.25
			RAK_KSD_1348955	375.00	376.00	ASSAY	7.00	280.20	6.30	98.00	35.20	2.60	0.10	0.50
			RAK_KSD_1348956	376.00	377.50	ASSAY	2.00	15.10	10.90	82.00	29.60	1.00	0.05	0.34
			RAK_KSD_1348957	377.50	379.00	ASSAY	1.00	15.50	5.30	78.00	33.00	1.30	0.05	0.20
			RAK_KSD_1348958	379.00	380.50	ASSAY	2.00	16.20	3.10	73.00	28.30	1.60	0.05	0.26
			RAK_KSD_1348959	380.50	382.00	ASSAY	4.00	16.30	7.40	70.00	28.80	1.50	0.05	0.23
			RAK_KSD_1348961	382.00	383.50	ASSAY	1.00	19.60	4.50	77.00	25.60	1.50	0.30	0.27
			RAK_KSD_1348962	383.50	385.00	ASSAY	1.00	40.80	8.80	80.00	27.00	2.00	0.20	0.23
			RAK_KSD_1348963	385.00	386.50	ASSAY	1.00	42.80	15.70	74.00	28.90	2.10	0.05	0.23
			RAK_KSD_1348964	386.50	388.00	ASSAY	1.00	55.60	14.90	86.00	37.80	2.00	0.05	0.37
			RAK_KSD_1348965	388.00	389.50	ASSAY	49.00	112.90	12.30	79.00	26.80	1.50	0.30	0.29
			RAK_KSD_1348966	389.50	390.50	ASSAY	1.00	148.00	18.90	73.00	31.20	1.40	0.10	0.23
			RAK_KSD_1348967	389.50	390.50	FieldDup	1.00	24.80	13.90	76.00	34.30	1.30	0.20	0.21
			RAK_KSD_1348968	390.50	391.20	ASSAY	1.00	23.50	14.70	80.00	26.80	1.50	0.20	0.22

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From	To	Lithology	Samples Details													
287.92	289.22	QVN, Quartz Vein	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct

Comments: Fractured/strained qtz vein.

the last 20cm of the vein only occupies half of the core. Are we drilling down dip of this type of vein?

INTERVALS DETAILS:

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Mineral Zones

<u>From</u>	<u>To</u>	<u>Zone Length</u>	<u>Comments</u>
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Mag Susc

<u>Depth</u>	<u>Mag_susc</u>	<u>Mag_Susc_Rock</u>	<u>Comments</u>
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RQD							
From	To	RQD Length	Core Rec	Width Core x2 5	RQD PCT	TCR PCT	Comments
388.02	391.06	3.04	2.87	1.99	65.46	94.41	
382.22	385.27	3.05	2.82	1.68	55.08	92.46	
376.13	379.18	3.05	3.04	2.62	85.90	99.67	
370.03	373.08	3.05	3.05	1.65	54.10	100.00	
267.92	270.97	3.05	2.97	2.62	85.90	97.38	
261.83	264.87	3.04	3.02	1.50	49.34	99.34	
255.73	258.78	3.05	3.03	2.30	75.41	99.34	
249.63	252.68	3.05	2.98	1.91	62.62	97.70	
246.28	249.33	3.05	3.02	2.19	71.80	99.02	
240.19	243.23	3.04	2.97	2.21	72.70	97.70	
234.09	237.14	3.05	2.84	1.66	54.43	93.11	
291.39	294.44	3.05	2.99	1.88	61.64	98.03	
286.21	289.26	3.05	2.95	2.55	83.61	96.72	
280.11	283.16	3.05	2.97	2.02	66.23	97.38	
249.33	249.63	0.30	0.23	0.23	76.67	76.67	
203.61	206.66	3.05	2.98	1.44	47.21	97.70	
197.51	200.56	3.05	2.92	0.73	23.93	95.74	
274.02	277.07	3.05	2.96	1.30	42.62	97.05	
363.94	366.98	3.04	2.93	2.34	76.97	96.38	
357.84	360.89	3.05	2.92	2.17	71.15	95.74	
352.96	355.71	2.75	2.59	1.24	45.09	94.18	
346.87	349.91	3.04	3.03	1.54	50.66	99.67	
340.77	343.82	3.05	2.90	1.35	44.26	95.08	
336.50	338.94	2.44	2.37	0.71	29.10	97.13	
330.41	333.46	3.05	3.04	2.26	74.10	99.67	
328.27	328.58	0.31	0.29	0.16	51.61	93.55	
322.18	325.23	3.05	2.96	2.18	71.48	97.05	
318.82	321.87	3.05	2.98	1.20	39.34	97.70	
312.73	315.78	3.05	3.02	2.33	76.39	99.02	
306.63	309.68	3.05	2.95	1.93	63.28	96.72	
302.97	306.02	3.05	2.99	2.24	73.44	98.03	
385.27	388.02	2.75	2.63	1.54	56.00	95.64	
209.40	211.84	2.44	2.32	1.44	59.02	95.08	
300.23	302.97	2.74	2.44	0.60	21.90	89.05	
294.44	297.49	3.05	2.87	2.04	66.89	94.10	
289.26	291.39	2.13	2.05	1.17	54.93	96.24	
283.16	286.21	3.05	2.94	1.14	37.38	96.39	
277.07	280.11	3.04	3.02	1.63	53.62	99.34	

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270.97	274.02	3.05	2.90	2.20	72.13	95.08
264.87	267.92	3.05	2.93	1.69	55.41	96.07
258.78	261.83	3.05	3.02	2.78	91.15	99.02
252.68	255.73	3.05	2.95	2.26	74.10	96.72
227.99	231.04	3.05	2.93	1.50	49.18	96.07
221.90	224.95	3.05	2.92	1.73	56.72	95.74
217.02	219.46	2.44	2.44	1.63	66.80	100.00
213.67	215.19	1.52	1.26	0.32	21.05	82.89
373.08	376.13	3.05	2.94	2.69	88.20	96.39
297.49	300.23	2.74	2.43	1.22	44.53	88.69
366.98	370.03	3.05	2.83	2.28	74.75	92.79
360.89	363.94	3.05	3.00	2.48	81.31	98.36
355.71	357.84	2.13	2.13	1.59	74.65	100.00
349.91	352.96	3.05	2.94	1.88	61.64	96.39
343.82	346.87	3.05	2.93	2.04	66.89	96.07
338.94	340.77	1.83	1.80	0.61	33.33	98.36
333.46	336.50	3.04	2.92	2.24	73.68	96.05
328.58	330.41	1.83	1.75	1.53	83.61	95.63
325.23	328.27	3.04	2.80	1.74	57.24	92.11
321.87	322.18	0.31	0.28	0.00	0.00	90.32
315.78	318.82	3.04	2.95	2.26	74.34	97.04
309.68	312.73	3.05	2.97	2.45	80.33	97.38
306.02	306.63	0.61	0.43	0.15	24.59	70.49
379.18	382.22	3.04	3.03	2.34	76.97	99.67
192.03	195.07	3.04	2.87	1.45	47.70	94.41
243.23	246.28	3.05	2.99	2.05	67.21	98.03
237.14	240.19	3.05	3.04	2.22	72.79	99.67
231.04	234.09	3.05	2.79	1.78	58.36	91.48
224.95	227.99	3.04	2.92	2.27	74.67	96.05
219.46	221.90	2.44	2.44	1.20	49.18	100.00
215.19	217.02	1.83	1.57	0.70	38.25	85.79
211.84	213.67	1.83	1.69	0.15	8.20	92.35
206.66	209.40	2.74	2.43	1.39	50.73	88.69
200.56	203.61	3.05	2.94	0.88	28.85	96.39
195.07	197.51	2.44	2.44	1.94	79.51	100.00
188.98	192.03	3.05	3.04	1.07	35.08	99.67
185.93	188.98	3.05	2.97	1.07	35.08	97.38
183.49	185.93	2.44	2.13	0.58	23.77	87.30
180.44	183.49	3.05	3.00	2.42	79.34	98.36
177.40	180.44	3.04	2.77	1.27	41.78	91.12
174.35	177.40	3.05	2.94	1.65	54.10	96.39

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171.91	174.35	2.44	2.44	2.18	89.34	100.00	2.5 x core width of NTW is 13.5cm
169.78	171.91	2.13	1.95	1.03	48.36	91.55	
167.34	169.78	2.44	2.08	0.89	36.48	85.25	
164.59	167.34	2.75	2.67	1.50	54.55	97.09	
161.85	164.59	2.74	2.71	1.64	59.85	98.91	
159.72	161.85	2.13	1.94	0.34	15.96	91.08	
156.97	159.72	2.75	2.74	1.89	68.73	99.64	
153.93	156.97	3.04	2.92	1.87	61.51	96.05	
151.49	153.93	2.44	2.26	1.56	63.93	92.62	
149.96	151.49	1.53	1.52	1.02	66.67	99.35	
148.44	149.96	1.52	1.17	0.18	11.84	76.97	
146.92	148.44	1.52	1.43	0.38	25.00	94.08	
145.39	146.92	1.53	1.45	0.83	54.25	94.77	
143.26	145.39	2.13	2.08	1.16	54.46	97.65	
141.73	143.26	1.53	1.39	0.36	23.53	90.85	
138.99	141.73	2.74	2.64	1.53	55.84	96.35	
137.16	138.99	1.83	1.62	1.23	67.21	88.52	
135.64	137.16	1.52	1.41	0.40	26.32	92.76	
134.11	135.64	1.53	1.52	0.88	57.52	99.35	
132.59	134.11	1.52	1.47	1.17	76.97	96.71	
131.07	132.59	1.52	1.42	0.80	52.63	93.42	
129.54	131.07	1.53	1.49	0.56	36.60	97.39	
128.63	129.54	0.91	0.75	0.37	40.66	82.42	
127.10	128.63	1.53	1.45	0.19	12.42	94.77	
125.88	127.10	1.22	1.47	0.85	69.67	120.49	
124.36	125.88	1.52	1.29	0.29	19.08	84.87	
123.45	124.36	0.91	0.91	0.17	18.68	100.00	
121.92	123.45	1.53	1.43	0.37	24.18	93.46	
120.40	121.92	1.52	1.52	0.94	61.84	100.00	
119.18	120.40	1.22	1.21	0.58	47.54	99.18	
117.96	119.18	1.22	1.22	0.41	33.61	100.00	
116.44	117.96	1.52	1.49	0.17	11.18	98.03	
114.91	116.44	1.53	1.43	0.98	64.05	93.46	
113.39	114.91	1.52	1.45	0.39	25.66	95.39	
111.86	113.39	1.53	1.47	0.58	37.91	96.08	
110.34	111.86	1.52	1.46	0.60	39.47	96.05	
108.81	110.34	1.53	1.35	0.30	19.61	88.24	
107.60	108.81	1.21	0.80	0.00	0.00	66.12	
106.07	107.60	1.53	1.17	0.52	33.99	76.47	
104.55	106.07	1.52	1.52	0.72	47.37	100.00	
103.02	104.55	1.53	1.50	0.63	41.18	98.04	

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102.11	103.02	0.91	0.87	0.00	0.00	95.60
97.54	98.45	0.91	0.73	0.00	0.00	80.22
100.59	102.11	1.52	1.10	0.00	0.00	72.37
99.98	100.59	0.61	0.57	0.00	0.00	93.44
98.45	99.98	1.53	1.51	0.27	17.65	98.69
96.01	97.54	1.53	1.37	0.00	0.00	89.54
94.49	96.01	1.52	1.34	0.61	40.13	88.16
92.97	94.49	1.52	1.48	0.60	39.47	97.37
91.44	92.97	1.53	1.39	0.62	40.52	90.85
89.92	91.44	1.52	1.50	0.50	32.89	98.68
88.39	89.92	1.53	1.43	0.84	54.90	93.46
87.48	88.39	0.91	0.81	0.52	57.14	89.01
85.95	87.48	1.53	1.37	0.97	63.40	89.54
84.43	85.95	1.52	1.48	0.64	42.11	97.37
82.91	84.43	1.52	1.46	0.95	62.50	96.05
82.30	82.91	0.61	0.56	0.56	91.80	91.80
80.77	82.30	1.53	1.47	1.47	96.08	96.08
79.55	80.77	1.22	1.13	0.44	36.07	92.62
78.03	79.55	1.52	1.52	0.38	25.00	100.00
77.72	78.03	0.31	0.25	0.00	0.00	80.65
76.20	77.72	1.52	1.48	0.61	40.13	97.37
75.59	76.20	0.61	0.61	0.24	39.34	100.00
74.37	75.59	1.22	1.22	1.21	99.18	100.00
72.85	74.37	1.52	1.38	0.27	17.76	90.79
71.93	72.85	0.92	0.69	0.53	57.61	75.00
71.02	71.93	0.91	0.84	0.57	62.64	92.31
69.50	71.02	1.52	1.42	0.24	15.79	93.42
67.97	69.50	1.53	1.34	0.55	35.95	87.58
66.45	67.97	1.52	1.40	0.27	17.76	92.11
65.84	66.45	0.61	0.41	0.00	0.00	67.21
64.31	65.84	1.53	1.43	0.22	14.38	93.46
64.01	64.31	0.30	0.29	0.00	0.00	96.67
62.48	64.01	1.53	1.42	0.19	12.42	92.81
60.96	62.48	1.52	1.45	0.00	0.00	95.39
59.44	60.96	1.52	1.35	0.19	12.50	88.82
57.91	59.44	1.53	1.06	0.00	0.00	69.28
57.00	57.91	0.91	0.63	0.00	0.00	69.23
55.47	57.00	1.53	1.52	0.28	18.30	99.35
54.56	55.47	0.91	0.60	0.00	0.00	65.93
53.34	54.56	1.22	1.07	0.00	0.00	87.70
51.82	53.34	1.52	1.18	0.28	18.42	77.63

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50.29	51.82	1.53	1.04	0.00	0.00	67.97	
48.77	50.29	1.52	1.32	0.00	0.00	86.84	
47.24	48.77	1.53	1.05	0.36	23.53	68.63	
45.72	47.24	1.52	1.27	0.40	26.32	83.55	
44.20	45.72	1.52	1.31	0.39	25.66	86.18	
42.67	44.20	1.53	1.42	0.48	31.37	92.81	
41.15	42.67	1.52	1.46	1.20	78.95	96.05	
39.62	41.15	1.53	1.45	0.47	30.72	94.77	
38.10	39.62	1.52	1.44	0.71	46.71	94.74	
36.58	38.10	1.52	1.15	0.24	15.79	75.66	
35.05	36.58	1.53	1.16	0.53	34.64	75.82	
33.53	35.05	1.52	1.49	0.94	61.84	98.03	
32.00	33.53	1.53	1.28	0.45	29.41	83.66	
30.48	32.00	1.52	1.34	0.54	35.53	88.16	
29.26	30.48	1.22	1.10	0.19	15.57	90.16	
28.65	29.26	0.61	0.46	0.20	32.79	75.41	
28.04	28.65	0.61	0.29	0.00	0.00	47.54	
26.52	28.04	1.52	1.27	0.61	40.13	83.55	
24.99	26.52	1.53	1.21	0.18	11.76	79.08	
24.38	24.99	0.61	0.60	0.00	0.00	98.36	
22.86	24.38	1.52	1.19	0.00	0.00	78.29	
21.34	22.86	1.52	1.09	0.19	12.50	71.71	
20.42	21.34	0.92	0.59	0.19	20.65	64.13	
20.12	20.42	0.30	0.23	0.00	0.00	76.67	
19.20	20.12	0.92	0.65	0.28	30.43	70.65	
17.68	19.20	1.52	1.31	0.38	25.00	86.18	
16.46	17.68	1.22	0.84	0.00	0.00	68.85	
15.54	16.46	0.92	0.49	0.00	0.00	53.26	
15.24	15.54	0.30	0.23	0.00	0.00	76.67	
14.02	15.24	1.22	0.94	0.47	38.52	77.05	
12.50	14.02	1.52	1.11	0.20	13.16	73.03	
12.19	12.50	0.31	0.20	0.00	0.00	64.52	
11.28	12.19	0.91	0.63	0.00	0.00	69.23	
10.67	11.28	0.61	0.40	0.00	0.00	65.57	
9.45	10.67	1.22	1.05	0.37	30.33	86.07	
8.23	9.45	1.22	1.01	0.20	16.39	82.79	
7.62	8.23	0.61	0.61	0.19	31.15	100.00	
6.10	7.62	1.52	1.14	0.64	42.11	75.00	
5.18	6.10	0.92	0.47	0.00	0.00	51.09	
4.57	5.18	0.61	0.61	0.00	0.00	100.00	2.5 x core axis is 17 cm
3.05	4.57	1.52	1.23	0.76	50.00	80.92	999 infinite number of pieces

Hole Number RAK_KSD_DD13-03

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0.00	3.05	3.05	0.00	0.00	0.00	0.00	Casing
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Down Hole Survey

Depth	Azimuth	Dip	Survey_type
30.48	241.90	-55.00	RF
62.48	241.80	-55.60	RF
91.44	240.40	-55.80	RF
121.92	238.30	-56.20	RF
152.40	238.40	-56.50	RF
182.88	238.70	-56.50	RF
213.36	238.30	-56.80	RF
243.84	238.40	-57.20	RF
274.32	238.70	-57.10	RF
304.80	239.50	-57.20	RF
335.28	240.30	-57.20	RF
365.76	241.40	-57.30	RF