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D. Verj

Date: 8 Oct, 1997

ST. ANDREW GOLDFIELDS LTD.
DIAMOND DRILL RECORD

Page: 1 of 13

REF CORD: -205.00 -383.00 CLAIM NUM: N1/2 LOT7 CONI TOWNSHIP: STOCK HOLE NO: S96-2

LOCATION 1: 2+05S 3+83W GRID 1: 1996 METRIC ELEV 1: 3044.90

LOCATION 2: 6+72.6S 12+56.6W GRID 2: MINE GRID: IMPERIAL ELEV 2: 9989.8 PROPERTY: STOCK

LEVEL: SURFACE CASING LEFT IN HOLE (Y/N)? YES SURVEYED (Y/N)? NO PROJECT: STOCK MINE

AZIMUTH: 328.0 Deg. LENGTH: 648.7 m SECTION: 400W LOGGED BY: G.S. & N.V.

DIP: -60.0 Deg. CORE SIZE: NQ SYSTEM OF MEASURE: METRIC DATE LOGGED: 5-18 NOV 96

STARTED: 31 Oct 96 COMPLETED: 14 Nov 96 NTS: 42A10 DRILLED BY: DOMINIK DIAMOND DRILLING LTD

PURPOSE: To test IP Anomaly ASSAY TYPE: FA RIG:

COMMENTS: TEST METHOD: TROPARI PROJECT SUPERVISOR: K.A. JENSEN

DIP TESTS (corrected)

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
92.00	325.50	-58.0	294.00	327.50	-59.0	500.00	335.50	-56.0	648.70	336.50	-54.0
150.00	324.50	-59.0	350.00	328.00	-59.0	550.00	335.00	-55.0			
200.00	325.00	-58.0	400.00	332.00	-58.0	600.00	336.50	-54.0			

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Length (m)	AU (g/t)	AU	AU (o/t)	AU
.00	36.00		CASING LEFT IN THE HOLE Casing left, hole not cemented.								
36.00	41.76		MASSIVE MAFIC VOLCANIC Medium to dark green, fine-grained matrix with occasional medium-grained chlorite phenocrysts. Massive, occasional epidote fracture-filling. Trace to minor sulphides, occasional to rare thin quartz-carbonate stringers. Lower contact, gradual.								
41.76	98.79		PILLOWED MAFIC VOLCANIC Medium green to light green, fine-grained. Pillowed, variolitic at pillow selvages. Also common chlorite fracture-filling and at pillow selvages. Occasional quartz-carbonate stringers, common quartz-carbonate and epidote fracture-filling. Hard. Overall minor to 1% scattered pyrite. Locally 1-2% pyrite, mostly in fractures and in pillow selvages. 44.93 0.5cm quartz-calcite stringer @ 5 dca. 47.22 47.33 Quartz-carbonate healed breccia. Locally chlorite healed, common small mafic fragments. Minor fine-grained cubic pyrite. Upper contact @ approximately 40 dca and lower contact @ approximately 45 dca. 47.97 48.06 White and purplish quartz, with minor fine-grained cubic pyrite in pillow selvage. Upper contact irregular and lower contact @ 45 dca. 49.63 0.5-1cm quartz-calcite stringer @ 7 dca. 50.00 53.00 70% RQD. 52.19 52.42 White quartz-carbonate and minor purplish quartz filling a pillow selvage. 56.00 59.00 50% RQD. 56.07 0.5cm quartz-calcite stringer with minor epidote and pyrite @ 30 dca. 59.00 61.00 60% RQD. 64.49 64.58 Quartz-carbonate / purplish quartz / epidote, filling pillow selvage. Upper contact broken and lower contact @ 80 dca. 70.00 71.00 70% RQD. 80.28 0.5cm greenish white quartz-calcite stringer with minor chlorite, @ 60 dca. 83.64 83.76 White and purplish quartz filling pillow selvage. Common chlorite, 5% fine-grained cubic pyrite. 90.79 1-3cm irregular quartz-calcite-chlorite stringer @ approximately 30 dca. 91.00 93.00 50% RQD. 91.00 92.00 45cm extra core. 93.00 95.00 60% RQD. 94.50 98.79 Massive chloritic mafic volcanics. Crackled, common quartz-carbonate stringers, fracture-filling and masses. Moderately hard to moderately soft. Overall 1-2% fine to medium-grained euhedral to subhedral pyrite, locally 3-4%. Upper contact gradual.	92456	97.50	98.79	1.29	.034		.001	



42A10SE0014 2.17794 STOCK

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Date: 8 Oct, 1997

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Length (m)	AU (g/t)	AU	AU (o/t)	AU	
			154.00 155.00 50% RQD. 155.00 156.00 65cm extra core. 155.02 155.07 Epidote alteration. Upper contact @ 65 dca and lower contact @ 50 dca. 156.00 158.00 60% RQD. 158.00 160.00 50% RQD. 161.00 162.00 50% RQD. 163.00 167.00 40% RQD. 165.36 165.43 Epidote alteration. Upper contact @ 30 dca and lower contact @ 35 dca. 167.00 169.00 60% RQD. 169.00 171.00 50% RQD. 171.00 173.00 60% RQD. 173.00 175.00 70% RQD. 178.00 179.00 30% RQD. 180.00 182.00 60% RQD. 188.00 190.00 60% RQD. 190.00 192.00 50% RQD. 191.05 FAULT GOUGE @ 30 dca. 191.05 193.22 Unit becomes gradually very fine-grained, chilled margin. 192.00 194.00 60% RQD. Lower contact, very fine-grained defined by FAULT GOUGE @ 25 dca.									
193.22	202.56		BUFF QUARTZ FELDSPAR PORPHYRY Similar to above. 194.00 196.00 60% RQD. 196.00 198.00 40% RQD. 196.69 0.5cm quartz-carbonate / epidote stringer @ 12 dca. 198.00 200.00 30% RQD, (core broken due to fault). 200.00 202.56 Pinkish red, silicified quartz feldspar porphyry. Occasional (1-2mm) feldspar phenocrysts. Hematitic, very hard. Crackled. Abundant quartz-carbonate and chlorite fracture-filling, common epidote fracture-filling. Overall 1-2% fine-grained pyrite mostly in fractures. 200.00 201.00 50% RQD. 201.00 203.00 20% RQD. Lower contact approximately @ 65 dca.	92490	193.22	194.00	.78	.000		.000		
				92491	194.00	195.00	1.00	.000		.000		
				92492	195.00	196.00	1.00	.000		.000		
				92493	196.00	197.00	1.00	.000		.000		
				92494	197.00	198.00	1.00	.006		.000		
				92495	198.00	199.00	1.00	.010		.000		
				92496	199.00	200.00	1.00	.007		.000		
				92497	200.00	201.00	1.00	.022		.001		
				92498	201.00	202.00	1.00	.252		.007		
				92499	202.00	202.56	.56	.029		.001		
202.56	215.32		POIKILOBLASTIC DIABASE Similar to above, grey-green to dark green, fine-grained @ contact. Upper portion contains common light green plagioclase phenocrysts, (5mm-2.5cm across). 203.00 205.00 40% RQD. 203.52 FAULT GOUGE @ 65 dca. 204.00 FAULT GOUGE @ 50 dca. 205.00 207.00 20% RQD. 207.00 209.00 10% RQD. 207.62 FAULT GOUGE @ 15 dca. 209.00 211.00 20% RQD, (core broken due to fault). 211.00 212.00 30% RQD. 212.00 213.00 50% RQD. 212.93 1.5cm FAULT GOUGE @ 60 dca. 213.00 214.23 0% RQD, FAULT GOUGE. Upper contact broken and lower contact @ 55 dca. 214.23 214.36 Green carbonate breccia inclusion. Lower contact irregular @ approximately 50 dca. 214.36 215.32 Very fine-grained diabase. Lower contact sharp and irregular @ approximately 70 dca.									
215.32	333.21		GREY-GREEN CARBONATE Grey-green to dark green, locally light green. Pervasive sericitic alteration. Abundant quartz-carbonate stringers, stockwork and masses. Moderately soft to soft, chloritic. Overall 2-3% scattered fine-grained pyrite, locally up to 5%. 215.32 215.44 Pinkish buff quartz-carbonate breccia mass. Lower contact gradual. 217.46 217.57 Quartz-carbonate mass with numerous chlorite fracture fills. 5% fine to medium-grained anhedral pyrite. 218.39 219.70 Weakly syenitized ultramafics. Occasional carbonate fracture-filling, massive. Minor scattered fine-grained pyrite. 50% RQD. Upper contact sharp @ 70 dca and lower contact irregular @ approximately 30 dca. 219.70 221.00 50% RQD.	92500	215.32	216.50	1.18	.012		.000		
				92501	216.50	217.50	1.00	.015		.000		
				92502	217.50	218.39	.89	.022		.001		
				92503	218.39	219.70	1.31	.005		.000		
				92504	219.70	220.96	1.26	.247		.007		

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From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Length (m)	AU (g/t)	AU	AU (o/t)	AU
			258.21 260.10 Moderate fuchsitic alteration. Upper contact @ 50 dca and lower contact gradual.	92542	259.00	260.00	1.00	.021			.001
				92543	260.00	261.00	1.00	.024			.001
				92544	261.00	262.00	1.00	.014			.000
				92545	262.00	263.00	1.00	.012			.000
				92546	263.00	264.00	1.00	.009			.000
				92547	264.00	265.00	1.00	.048			.001
				92548	265.00	266.00	1.00	.074			.002
				92549	266.00	267.00	1.00	.024			.001
				92550	267.00	268.00	1.00	.019			.001
				92551	268.00	269.00	1.00	.010			.000
				92552	269.00	270.00	1.00	.009			.000
				92553	270.00	271.00	1.00	.014			.000
			270.17 1-1.5cm quartz-calcite stringer @ 55 dca.	92554	271.00	272.00	1.00	.012			.000
				92555	272.00	273.00	1.00	.036			.001
				92556	273.00	274.00	1.00	.024			.001
				92557	274.00	275.00	1.00	.026			.001
			274.33 277.79 Fuchsitic. Moderately hard, occasional greyish and dark green fragments. Upper contact gradual and lower contact defined by 2cm quartz-calcite stringer @ 55 dca.								
			274.97 275.05 Quartz-calcite stringer @ 60 dca.	92558	275.00	276.00	1.00	.021			.001
				92559	276.00	277.00	1.00	.065			.002
				92560	277.00	278.00	1.00	.031			.001
			277.79 319.44 Ultramafic breccia. Similar to above, common fragments of mafic and ultramafic composition, and rare syenitic fragments. Minor fuchsite (mostly in quartz carbonate stringers and masses). Abundant carbonate fracture-filling and common quartz-carbonate masses. Lower contact defined by (0.5cm) quartz-calcite stringer, @ 30 dca, crosscut and displaced by 2cm quartz-calcite stringer @ 15 dca.	92561	278.00	279.00	1.00	.034			.001
			278.78 1.5cm quartz-calcite stringer @ 45 dca.	92562	279.00	280.00	1.00	.039			.001
				92563	280.00	281.00	1.00	.055			.002
				92564	281.00	282.00	1.00	.045			.001
				92565	282.00	283.00	1.00	.038			.001
			282.60 2cm quartz-calcite stringer @ 40 dca.	92566	283.00	284.00	1.00	.038			.001
				92567	284.00	285.00	1.00	.053			.002
			284.12 1cm contorted greenish grey quartz-calcite stringer, running approximately @ 20 dca.								
			284.74 284.92 Siliceous section, greenish buff alteration, sericitic. Upper contact irregular @ approximately 27 dca and lower contact irregular @ approximately 30 dca.	92568	285.00	286.00	1.00	.027			.001
				92569	286.00	287.00	1.00	.012			.000
				92570	287.00	288.00	1.00	.037			.001
			286.34 1.5cm green-grey quartz stringer @ approximately 35 dca.	92571	288.00	289.00	1.00	.039			.001
			287.89 288.35 Apple green, massive section. Upper contact @ 45 dca and lower contact @ 50 dca.	92572	289.00	290.00	1.00	.039			.001
			288.95 291.50 Light green to apple green, with 50% (and locally 60%), quartz-carbonate stringers and masses. Both contacts gradual.	92573	290.00	291.00	1.00	.000			.000
				92574	291.00	292.00	1.00	.015			.000
				92575	292.00	293.00	1.00	.043			.001
				92576	293.00	294.00	1.00	.115			.003
				92577	294.00	295.00	1.00	.026			.001
				92578	295.00	296.00	1.00	.047			.001
				92579	296.00	297.00	1.00	.043			.001
				92580	297.00	298.00	1.00	.034			.001
				92581	298.00	299.00	1.00	.041			.001
			298.00 300.00 60% RQD.								
			298.33 3-4cm irregular quartz-calcite stringer @ 25 dca.	92582	299.00	300.00	1.00	.033			.001
				92583	300.00	301.00	1.00	.038			.001
				92584	301.00	302.00	1.00	.045			.001
			301.51 5cm green-grey quartz-calcite stringer @ 30 dca.	92585	302.00	303.00	1.00	.163			.005
				92586	303.00	304.00	1.00	.048			.001
				92587	304.00	305.00	1.00	.045			.001
				92588	305.00	306.00	1.00	.036			.001
				92589	306.00	306.77	.77	.017			.000
			306.77 307.42 Greyish buff to pinkish buff feldspar porphyry. Upper contact, (3cm breccia) @ approximately 55 dca and lower contact @ 20 dca crosscut & discontinued by irregular (2cm) quartz-calcite stringer @ 90 dca.	92590	306.77	307.42	.65	.046			.001
			307.51 3cm quartz-calcite stringer @ 60 dca.	92591	307.42	308.00	.58	.101			.003
				92592	308.00	309.00	1.00	.057			.002
				92593	309.00	310.00	1.00	.231			.007
				92594	310.00	311.00	1.00	.039			.001
				92595	311.00	312.00	1.00	.022			.001
				92596	312.00	313.00	1.00	.055			.002
				92597	313.00	314.00	1.00	.033			.001
				92598	314.00	315.00	1.00	.029			.001
			315.00 315.18 Quartz-carbonate stringers and bands separated by chlorite filled fractures, @ approximately 10 dca.	92599	315.00	316.00	1.00	.014			.000

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From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Lngh (m)	AU (g/t)	AU	AU (o/t)	AU
			315.46 316.04 60-65% quartz-carbonate masses.	92600	316.00	317.00	1.00	.038		.001	
			316.67 317.64 Green-grey quartz-carbonate flooding.	92601	317.00	318.00	1.00	.017		.000	
				92602	318.00	319.00	1.00	.067		.002	
				92603	319.00	319.44	.44	.051		.001	
			319.34 0.5-1cm grey quartz-calcite stringer @ 20 dca.								
			319.44 330.41 Sericitic ultramafic breccia. Yellowish green, brecciated, moderately hard, carbonated. Lower contact @ 40 dca.	92604	319.44	320.50	1.06	.015		.000	
			319.44 319.64 Yellowish buff alteration, common fuchsitic spots. Lower contact irregular @ approximately 65 dca.	92605	320.50	321.50	1.00	.069		.002	
			321.14 0.5cm quartz-calcite stringer @ 70 dca.	92606	321.50	322.50	1.00	.055		.002	
				92607	322.50	323.50	1.00	.081		.002	
				92608	323.50	324.41	.91	.069		.002	
			324.41 330.41 Quartz-carbonate flooding. Brownish grey with common quartz-carbonate flooded sections, brecciated. Overall 2-3% very fine to fine-grained pyrite, locally up to 5%. Upper contact, irregular starts @ approximately 50 dca and then it flattens out.	92609	324.41	325.00	.59	3.908		.114	
			325.00 327.00 70% RQD.	92610	325.00	326.00	1.00	1.440		.042	
				92611	326.00	327.00	1.00	.105		.003	
				92612	327.00	328.00	1.00	.327		.010	
				92613	328.00	329.00	1.00	1.491		.043	
				92614	329.00	330.41	1.41	.845		.025	
			330.41 333.21 Grey-green carbonate. Similar to above, hard ultramafic, weakly siliceous locally. Weakly talcose, chloritic. Occasional quartz-carbonate stringers and masses. Overall 2-3% medium-grained cubic pyrite and pyrite blebs.	92615	330.41	331.50	1.09	.084		.002	
			330.41 330.84 Siliceous section. Upper contact @ 40 dca and lower contact @ 15 dca.	92616	331.50	332.50	1.00	.036		.001	
			331.73 FAULT GOUGE @ 30 dca.								
			331.76 Set of quartz-carbonate bands and stringers, separated by chlorite fracture fills, @ approximately 38 dca.	92617	332.50	333.21	.71	.014		.000	
			Lower contact @ 40 dca.								
333.21	355.14		CARBONATIZED TALC-CHLORITE SCHIST Dark green to black green, fine-grained. Chloritic, carbonated, talcose. Moderately soft to soft, snowflake texture locally. Overall 1-2% scattered fine to medium-grained cubic pyrite and pyrite blebs, locally up to 3%.	92618	333.21	334.50	1.29	.038		.001	
			333.79 334.05 FAULT ZONE. Abundant quartz-carbonate stringers and masses, broken core.	92619	334.50	335.50	1.00	.003		.000	
			334.00 335.00 70% RQD.	92620	335.50	336.50	1.00	.002		.000	
			334.75 3cm irregular quartz-calcite stringer (minor pink carbonate & chlorite), @ 35 dca.	92621	336.50	337.50	1.00	.005		.000	
			336.80 1cm quartz-calcite-chlorite stringer @ 40 dca.								
			338.72 338.90 Low angled quartz-carbonate (minor pink carbonate) stringers and bands, (up to 1cm wide).	92622	341.00	342.00	1.00	.016		.000	
			339.20 339.37 Quartz-carbonate (minor pink carbonate) mass parallel to core axis.	92623	342.00	343.00	1.00	.007		.000	
			341.16 341.86 70% quartz-carbonate and minor pink carbonate masses and stringers. Upper contact @ 45 dca and lower contact @ 40 dca.	92624	345.00	346.00	1.00	.005		.000	
			342.50 0.5-2cm irregular quartz-carbonate and minor pink carbonate stringer @ 15 dca.								
			345.82 4cm quartz-calcite stringer @ 40 dca.	92625	348.00	349.00	1.00	.036		.001	
			346.35 1cm FAULT GOUGE @ approximately 30 dca.	92626	353.77	354.09	.32	3.377		.098	
			353.77 354.09 Quartz-carbonate / chlorite vein, weakly brecciated. Upper contact irregular @ approximately 70 dca and lower contact irregular @ approximately 50 dca.								
			Lower contact faded.								
355.14	387.14		GREY-GREEN CARBONATE Similar to above. Up to 70% quartz-carbonate stringers and masses. Commonly foliated. Minor sericite locally, minor fuchsite in quartz-carbonate stringers and masses.	92627	355.14	356.00	.86	.022		.001	
			355.89 355.97 Quartz-carbonate mass parallel to core axis.	92628	356.00	357.00	1.00	.048		.001	
			355.98 1.5cm irregular quartz-calcite-chlorite stringer @ approximately 52 dca.	92630	357.00	358.00	1.00	.029		.001	
				92631	358.00	359.00	1.00	.026		.001	
			358.76 5cm quartz-carbonate / chlorite / sericite stringer @ 40 dca.	92632	359.00	360.00	1.00	.021		.001	
				92633	360.00	361.00	1.00	.050		.001	
			360.04 1cm quartz-calcite stringer @ 25 dca.	92634	361.00	362.00	1.00	.022		.001	
			361.45 1cm grey-green quartz-calcite stringer @ 30 dca.								
			361.86 1.5-2cm irregular quartz-calcite stringer @ approximately 60 dca.	92635	362.00	362.33	.33	.497		.014	
			362.04 362.33 Siliceous section. 5% very fine to fine-grained pyrite, minor cubic pyrite @ contacts. Upper contact irregular @ approximately 40 dca and lower contact 15 dca.	92636	362.33	363.00	.67	.012		.000	
				92637	363.00	364.00	1.00	.010		.000	
				92638	364.00	365.00	1.00	.019		.001	
				92639	365.00	366.00	1.00	.038		.001	
				92640	366.00	367.00	1.00	.029		.001	
			364.97 0.5-3cm irregular quartz-carbonate healed breccia @ approximately 40 dca.	92641	367.00	368.00	1.00	.010		.000	

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			526.77 1cm irregular white and pink quartz-calcite stringer @ approximately 80 dca.	92749	527.00	528.50	1.50	1.977		.058	
			526.85 1cm white and pink quartz-calcite stringer @ 45 dca.								
			528.00 529.00 60% RQD.								
			528.48 529.91 Broken core, probably due to FAULT ZONE.	92750	528.50	530.00	1.50	1.995		.058	
			529.00 530.00 50% RQD.	92751	530.00	531.50	1.50	.106		.003	
				92752	531.50	533.00	1.50	.811		.024	
				92753	533.00	534.50	1.50	.060		.002	
			531.83 0.5cm quartz-calcite stringer @ 65 dca.	92754	534.50	536.00	1.50	.245		.007	
			533.67 543.09 Common bleached zones, mostly on either side of quartz-carbonate stringers. Bleached zones have an increased amount (10-20%) of pyrite.	92755	536.00	537.00	1.00	2.983		.087	
			536.35 4cm quartz-calcite stringer @ 35 dca.								
			536.63 And 536.65 two 2cm quartz-carbonate stringers @ 40 and 55 dca, crosscut and discontinued by 2cm irregular quartz-calcite stringer @ 20 dca.								
			536.96 0.5cm quartz-calcite stringer @ 70 dca.	92756	537.00	538.50	1.50	.081		.002	
				92757	538.50	539.47	.97	.161		.005	
				92758	539.47	541.00	1.53	.118		.003	
			539.47 542.00 Fuchsite rich zone. Apple green, 5% fine-grained cubic pyrite. Upper contact @ 40 dca and lower contact @ 60 dca.	92759	541.00	542.00	1.00	.038		.001	
				92760	542.00	543.00	1.00	1.174		.034	
			542.07 2cm pinkish quartz-calcite stringer with common sericite and fuchsite, @ 40 dca.								
			542.10 542.18 Small BRECCIA ZONE, with mafic and quartz-carbonate fragments, chlorite healed. Upper contact @ 40 dca and lower contact @ 35 dca.	92761	543.00	543.31	.31	.626		.018	
			543.09 569.78 Greenish buff to light green. Bleached sections have strong sericite alteration. Overall 10-15% fine to medium-grained scattered anhedral pyrite, locally up to 30%.								
			543.31 543.44 Chloritic section, pervasive sericite alteration.	92762	543.31	544.50	1.19	.646		.019	
			543.44 2.5cm quartz-calcite stringer @ 30 dca.	92763	544.50	545.70	1.20	.765		.022	
				92764	545.70	546.20	.50	6.720		.196	
				92765	546.20	546.55	.35	58.029		1.692	
			546.25 One speck of VISIBLE GOLD in 0.5cm quartz-calcite stringer @ 12 dca, with 25% fine to medium-grained anhedral pyrite.	92766	546.55	547.00	.45	.039		.001	
			546.40 And 546.44 : three specks and two flakes of VISIBLE GOLD, in 0.5cm quartz-calcite stringer @ 30 dca, with 10% pyrite.	92767	547.00	547.80	.80	1.817		.053	
				92768	547.80	548.20	.40	.349		.010	
				92769	548.20	548.70	.50	11.220		.327	
			547.97 Two specks of VISIBLE GOLD, in 3mm quartz-calcite stringer, @ 55 dca.	92770	548.70	549.10	.40	.343		.010	
			548.52 One point of VISIBLE GOLD in quartz-carbonate mass.	92771	549.10	550.10	1.00	.276		.008	
				92772	550.10	550.60	.50	7.063		.206	
			549.90 0.5cm quartz-calcite stringer @ 50 dca.	92773	550.60	550.90	.30	11.348		.331	
			550.65 One speck of VISIBLE GOLD in 3mm quartz-calcite stringer, @ 20 dca.	92774	550.90	551.40	.50	1.440		.042	
			550.78 One point of VISIBLE GOLD in 0.5cm quartz-calcite stringer @ 30 dca, crosscut & displaced (1cm) by fracture @ 45 dca.	92775	551.40	552.50	1.10	5.211		.152	
				92776	552.50	554.00	1.50	1.954		.057	
				92777	554.00	555.40	1.40	2.434		.071	
				92778	555.40	555.90	.50	2.160		.063	
				92779	555.90	556.20	.30	2.520		.073	
				92780	556.20	556.70	.50	1.680		.049	
			556.03 One speck of VISIBLE GOLD in 1cm purplish white quartz-calcite stringer, @ 60 dca.	92781	556.70	558.00	1.30	1.474		.043	
				92782	558.00	559.50	1.50	3.463		.101	
				92783	559.50	561.00	1.50	2.320		.068	
			558.42 3mm quartz-calcite stringer with 1cm bleached halo, associated with 30% fine to medium-grained subhedral to anhedral pyrite, @ 45 dca.	92784	561.00	562.50	1.50	1.466		.043	
				92785	562.50	563.50	1.00	2.674		.078	
				92786	563.50	564.80	1.30	3.291		.096	
			563.20 564.00 Bleached zone, 15% fine to medium-grained subhedral pyrite. Both contacts gradual.								
			563.82 563.91 Quartz-calcite vein @ 30 dca.								
			564.51 564.80 Weakly brecciated section. Chlorite healed breccia with common to abundant quartz-carbonate and small bleached fragments, (varioles?). 15% medium to coarse-grained subhedral pyrite. Upper contact @ 60 dca and lower contact @ 40 dca.	92787	564.80	565.70	.90	1.783		.052	
			564.80 565.70 MAFIC DYKE. Bleached, massive, uniform. 10% fine to medium-grained euhedral to subhedral pyrite. Upper contact sharp @ 40 dca and lower contact sharp @ 35 dca.	92788	565.70	567.00	1.30	.010		.000	
			565.80 569.78 Transitional zone. Mafic volcanic, common chlorite, minor fuchsite locally.	92789	567.00	568.00	1.00	.780		.023	
			567.98 568.28 Mafic fragment.	92790	568.00	568.60	.60	.576		.017	
			568.60 569.05 Dark green MAFIC DYKE. Upper contact @ 50 dca and lower contact @ 20 dca.	92791	568.60	569.05	.45	.031		.001	
			569.05 569.30 30% medium-grained subhedral pyrite.	92792	569.05	569.78	.73	.029		.001	
			Lower contact broken @ approximately 50 dca.								
569.78	612.00		GREEN CARBONATE								
			Apple green to grey-green locally, fine to medium-grained. Common to abundant fuchsite. Extensive carbonate alteration, common quartz-carbonate stringers, massive. Overall 5% fine to coarse-grained euhedral to subhedral pyrite, locally 15-20% pyrite.	92793	569.78	570.20	.42	.247		.007	
			569.78 576.96 Mostly grey to grey-green with local chloritic sections. Minor fuchsite locally, abundant medium to coarse-grained pink carbonate phenocrysts in grey-green section.	92794	570.20	570.60	.40	.518		.015	

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From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Lngh (m)	AU (g/t)	AU	AU (o/t)	AU
			570.75 One speck of VISIBLE GOLD in 3mm irregular quartz-calcite stringer, @ approximately 40 dca.	92795	570.60	570.90	.30	2.408		.070	
			572.32 572.39 Quartz-carbonate veinlet, contacts @ 70 dca.	92796	570.90	571.40	.50	.588		.017	
			572.83 5cm quartz-calcite stringer @ 25 dca.	92797	571.40	572.50	1.10	.069		.002	
				92798	572.50	574.00	1.50	.069		.002	
				92799	574.00	575.50	1.50	.000		.000	
				92800	575.50	576.96	1.46	.000		.000	
			575.51 1.5cm quartz-calcite stringer @ 40 dca.	92801	576.96	578.50	1.54	.127		.004	
			577.85 2-3cm irregular quartz-calcite stringer displaced by several fractures, with 10% pyrite in blebs, @ approximately 50 dca.								
			578.27 578.47 Quartz-calcite vein, upper contact broken and lower contact @ 65 dca.	92802	578.50	579.00	.50	.038		.001	
			578.66 4-6cm quartz-calcite stringer with minor fuchsite, @ 35 dca.	92803	579.00	580.50	1.50	.029		.001	
			579.09 1cm quartz-calcite stringer @ 40 dca.	92804	580.50	582.00	1.50	.129		.004	
			581.41 581.53 Quartz-calcite vein with common fuchsite, minor sericite, 7% pyrite in blebs and trace chalcopyrite. Upper contact @ 30 dca and lower contact @ 50 dca.	92805	582.00	583.50	1.50	.238		.007	
			582.20 582.52 Quartz-calcite vein with common fuchsite, minor sericite, 10% fine to coarse-grained subhedral pyrite. Upper contact @ 30 dca and lower contact @ 20 dca.								
			583.50 584.25 40% quartz-carbonate and 15% fine to coarse-grained, euhedral to subhedral pyrite.	92806	583.50	585.00	1.50	.195		.006	
			584.00 585.00 40cm of core missing (mislabeling?).	92807	585.00	586.50	1.50	.230		.007	
				92808	586.50	588.00	1.50	.070		.002	
				92809	588.00	589.00	1.00	.041		.001	
			588.20 591.34 15-20% disseminated very fine-grained cubic pyrite and medium to coarse-grained subhedral pyrite.	92810	589.00	589.74	.74	.024		.001	
			589.74 590.39 Quartz-calcite vein parallel to core axis, minor fuchsite, 15% fine to coarse-grained subhedral pyrite.	92811	589.74	590.39	.65	.374		.011	
			591.34 4-5cm quartz-calcite stringer @ approximately 40 dca.	92812	590.39	591.88	1.49	.080		.002	
			591.40 591.88 Porphyritic, medium to coarse-grained fuchsite and quartz-carbonate phenocrysts.								
			591.88 594.91 MAFIC DYKE. Bleached, massive, uniform, very fine-grained. Overall 10% pyrite, 20-25% fine to medium-grained euhedral to subhedral pyrite at upper portion of unit, associated with sericite alteration and quartz-carbonate stringers. Upper contact @ 45 dca and lower contact @ 50 dca.	92813	591.88	593.00	1.12	1.857		.054	
				92814	593.00	594.00	1.00	2.897		.084	
				92815	594.00	594.91	.91	1.097		.032	
				92816	594.91	596.50	1.59	.099		.003	
			595.04 595.31 Quartz-calcite vein, minor fuchsite. Upper contact @ 25 dca and lower contact irregular @ low angle.	92817	596.50	598.00	1.50	.096		.003	
				92818	598.00	599.50	1.50	.048		.001	
				92819	599.50	601.00	1.50	1.320		.038	
			600.92 601.15 Quartz-calcite vein, minor fuchsite, 5% medium-grained anhedral pyrite.	92820	601.00	602.50	1.50	.041		.001	
			601.22 601.43 White to buff quartz-calcite stringer with quartz-carbonate fragments, healed by recrystallized quartz, minor fuchsite and pyrite. Upper contact @ 40 dca and lower contact @ 30 dca and 1cm shear.								
			602.00 603.00 25cm extra core.	92821	602.50	603.00	.50	.060		.002	
				92822	603.00	604.50	1.50	.823		.024	
			603.97 604.08 Quartz-calcite stringer @ 30 dca.	92823	604.50	606.00	1.50	.041		.001	
			605.40 612.00 Gradual increase of chlorite phenocrysts.								
			605.61 1cm quartz-calcite stringer with common fine-grained pyrite at contact, @ 40 dca.	92824	606.00	607.50	1.50	.549		.016	
				92825	607.50	609.00	1.50	.031		.001	
				92826	609.00	610.50	1.50	.010		.000	
			609.37 609.50 Quartz-calcite vein, upper contact @ 30 dca and lower contact @ 40 dca. Lower contact gradual.	92827	610.50	612.00	1.50	.012		.000	
612.00	630.66		GREY-GREEN CARBONATE Grey-green to dark green, fine-grained, chloritic, medium to coarse-grained quartz-carbonate phenocrysts. Overall 1-2% pyrite, locally up to 3%.	92828	612.00	613.50	1.50	.043		.001	
			614.30 2cm quartz-calcite stringer @ 40 dca.	92829	613.50	615.00	1.50	.197		.006	
				92830	615.00	616.50	1.50	.060		.002	
				92831	616.50	618.00	1.50	.057		.002	
				92832	618.00	619.50	1.50	.005		.000	
			619.38 619.80 Quartz-calcite vein, minor fuchsite. Upper contact @ 40 dca and lower contact irregular @ approximately 40 dca.	92833	619.50	619.80	.30	.314		.009	
				92834	619.80	621.00	1.20	.015		.000	
				92835	621.00	622.50	1.50	.003		.000	
				92836	622.50	624.00	1.50	.026		.001	
				92837	624.00	625.50	1.50	.007		.000	
			625.27 625.36 Quartz-calcite-chlorite stringer @ 45 dca.	92838	625.50	626.50	1.00	.005		.000	
			626.00 627.00 20cm extra core.	92839	626.50	627.50	1.00	.000		.000	
				92840	627.50	629.00	1.50	.017		.000	
				92841	629.00	630.66	1.66	.018		.001	
			630.50 630.66 GROUND CORE, (cave). Lower contact broken.								
630.66	648.70		CARBONATIZED TALC-CHLORITE SCHIST Dark green to black green, fine-grained, chloritic, carbonatized, talcose, soft. Overall minor to 1% fine to medium-grained pyrite.	92842	630.66	632.00	1.34	.000		.000	
				92843	632.00	633.00	1.00	.000		.000	

Date: 1 Oct, 1997

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Length (m)	AU (g/t)	AU	AU (o/t)	AU
			216.35 3mm pinkish quartz-calcite stringer @ 65 dca.	92898	215.50	217.00	1.50	.007			.000
				92899	217.00	218.50	1.50	.005			.000
				92900	218.50	220.00	1.50	.013			.000
				92901	220.00	221.50	1.50	.002			.000
				92902	221.50	222.50	1.00	.000			.000
				92903	222.50	223.43	.93	.000			.000
			223.00 224.00 35cm extra core.								
			223.43 Lower contact sharp @ 40 dca.	92904	223.43	224.50	1.07	.022			.001
			224.58 1cm white and pink carbonate stringer, with minor hematite and 5% chalcopryrite, @ 40 dca.								
			228.26 228.29 White and pink carbonate and purplish quartz, filling interpillow space.								
			230.19 230.30 Similar to above, with common mafic fragments and 5% fine-grained pyrite.								
			230.30 263.27 Occasional white and pink carbonate and purplish quartz filled amygdules, up to 5mm wide.								
			237.00 0.5-1cm quartz-calcite stringer with 5% chalcopryrite @ 20 dca.								
			238.57 1-2cm quartz-carbonate healed mafic breccia @ 30 dca.								
			241.00 242.00 20cm extra core.								
			248.63 248.88 White and purple quartz-calcite vein, with few mafic fragments near contacts. 2% fine to medium-grained pyrite.								
			Upper contact @ 35 dca and lower contact @ 30 dca.								
			250.15 250.46 White, pink and purple quartz-carbonate filling interpillow space, with occasional mafic fragments and 10% fine-grained pyrite.	92905	258.50	260.10	1.60	.002			.000
			260.10 263.13 Quartz feldspar porphyry dyke. Pinkish buff to greyish brown and greenish buff locally. Numerous 1-2mm feldspar phenocrysts. Occasional quartz-carbonate and chlorite fracture-filling, rare epidote fracture-filling. Abundant chlorite laths. Overall 1-2% scattered fine-grained pyrite.	92906	260.10	261.50	1.40	.000			.000
			Upper contact @ 50 dca and lower contact @ 35 dca.	92907	261.50	263.13	1.63	.000			.000
			263.22 263.27 FAULT GOUGE, upper contact @ 10 dca.								
			Lower contact (263.27), broken.								
263.27	296.43		VARIOLITIC MAFIC VOLCANIC MAGNETIC VARIOLITIC MAFIC VOLCANICS. Black green to purplish green. Very fine to fine-grained and locally medium-grained. Magnetic. Common epidote fracture-filling and alteration. Common quartz feldspar porphyry dykes and fragments. Common varioles associated with epidote alteration. Locally 2-3% fine-grained pyrite.								
			263.27 267.64 Medium to coarse-grained diabase dyke. Abundant 2-3mm hornblende phenocrysts. Local pinkish alteration.	92908	267.64	268.50	.86	.000			.000
			Upper contact @ 25 dca and lower contact @ 25 dca.								
			267.80 270.30 Quartz feldspar porphyry dyke. Reddish brown with local pinkish buff and greenish buff alteration. Numerous 1-2mm feldspar phenocrysts.								
			Upper contact @ 30 dca and lower contact irregular @ approximately 25 dca.								
			268.00 269.00 50cm extra core, probably mislabeling.	92909	268.50	269.00	.50	.005			.000
				92910	269.00	270.56	1.56	.012			.000
				92911	270.56	272.00	1.44	.005			.000
				92912	272.00	272.61	.61	.009			.000
				92913	272.61	274.00	1.39	.049			.001
			270.56 272.61 Quartz feldspar porphyry dyke, similar to above.								
			Upper contact irregular @ approximately 40 dca and lower contact @ 50 dca.								
			272.97 1cm purplish quartz-calcite stringer @ 30 dca.								
			273.24 273.44 Quartz-carbonate healed mafic breccia.	92914	274.00	275.50	1.50	.003			.000
				92915	275.50	277.00	1.50	.005			.000
				92916	277.00	278.50	1.50	.010			.000
				92917	278.50	280.00	1.50	.012			.000
			Upper contact irregular @ approximately 30 dca and lower contact irregular.								
			278.80 280.30 Set of five 1cm irregular, purplish white and pinkish orange quartz-calcite stringers, parallel to core axis.								
			280.00 281.00 50cm missing core, probably mislabeling.	92918	280.00	281.50	1.50	.010			.000
				92919	281.50	282.16	.66	.003			.000
				92920	282.16	283.50	1.34	.005			.000
			282.16 284.90 Quartz feldspar porphyry dyke. Grey with common 1-2mm feldspar phenocrysts. Upper contact @ 40 dca.								
			282.80 1cm orange pink quartz-calcite stringer @ 30 dca, crosscut & displaced (1cm) by fracture @ 40 dca.	92921	283.50	284.90	1.40	.002			.000
			284.56 0.5cm quartz-calcite stringer @ 60 dca.								
			284.90 Lower contact @ 25 dca.	92922	284.90	286.50	1.60	.012			.000
				92923	286.50	288.00	1.50	.002			.000
				92924	288.00	289.50	1.50	.007			.000
				92925	289.50	291.00	1.50	.017			.000
				92926	291.00	292.50	1.50	.010			.000
				92927	292.50	294.00	1.50	.009			.000

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296.43	762.39		Lower contact (296.43), @ 40 dca. PILLOWED MAFIC VOLCANIC Similar to above. Occasional to common purplish quartz filled amygdules. 298.89 299.00 Quartz-carbonate healed mafic breccia. Upper contact @ 70 dca and lower contact @ 80 dca. 302.00 340.00 Increased presence of quartz-calcite stringers and quartz-carbonate fracture-filling. Locally up to 10% pyrite in blebs. 302.00 303.00 30cm extra core. 303.27 1-2.5cm quartz-carbonate / chlorite stringer @ approximately 20 dca. 306.23 306.43 GROUND CORE. 310.19 310.28 Quartz-calcite vein with mafic fragments and minor pink carbonate. Upper contact @ approximately 60 dca and lower contact @ approximately 70 dca. 316.00 317.94 Purplish white quartz-calcite vein with common large zoned carbonate phenocrysts. Minor fine-grained scattered pyrite, (the last 45cm is a quartz-carbonate healed mafic breccia). Upper contact irregular @ low angle and lower contact @ 15 dca. 320.77 320.96 Similar to above. Common mafic fragments near contacts. Upper contact defined by 2mm pyrite filled fracture @ 30 dca and lower contact @ 25 dca. 327.71 And 327.73 two pyrite filled 1 x 4cm wide inclusions. 330.65 330.86 Purple and white quartz-carbonate healed mafic breccia. 10% fine to medium-grained pyrite. Upper contact irregular @ approximately 35 dca and lower contact @ 20 dca. 330.88 331.10 50% fine to medium-grained pyrite associated with quartz-carbonate masses. 333.39 2cm quartz-calcite stringer, minor hematite, @ 45 dca. 336.50 339.75 Quartz feldspar porphyry dyke. Greenish buff with local pinkish buff alteration. Numerous 1-2mm feldspar phenocrysts. Occasional pink quartz-carbonate fracture-filling. 1-2% very fine to fine-grained pyrite. Upper contact sharp and irregular and lower contact sharp @ 40 dca. 346.00 347.00 20cm missing core. 353.00 354.00 50cm extra core. 363.73 364.40 20cm missing core. 370.00 371.00 30cm extra core. 370.18 370.29 10% fine to medium-grained pyrite. 391.73 401.15 Massive flow. Dark to medium green, fine-grained. Occasional to rare quartz-carbonate fracture-filling. Common small chlorite phenocrysts. Quartz-calcite stringers @ 10, 30, 50 & 65 dca. Upper contact and lower contact gradual. 394.00 395.00 40cm extra core. 401.70 401.77 Bleached zone. Common varioles filled with purplish quartz. Upper contact @ 65 dca and lower contact @ 60 dca. 405.00 405.26 Broken core, probably due to FAULT ZONE. 410.70 410.98 Quartz-carbonate healed breccia zone. Abundant mafic fragments. 5% fine-grained pyrite. Upper contact @ 45 dca and lower contact @ 40 dca. 412.50 445.71 Massive flow. Similar to above. Common very small varioles locally. Pervasive carbonate alteration, minor epidote fracture-filling locally. 442.00 443.00 23cm extra core. 445.71 456.70 Quartz feldspar porphyry dyke. Grey with common pinkish buff alteration locally. Numerous 1-2mm feldspar phenocrysts. Common pinkish/orange quartz-calcite stringers. 1-2% fine-grained pyrite. Upper contact irregular @ approximately 30 dca. 446.37 1cm orange/pink quartz-calcite stringer @ 35 dca. 452.27 1cm quartz-calcite stringer with minor orange staining @ 12 dca. Common epidote alteration on either side of stringer. 456.70 Lower contact irregular. 461.63 478.00 Quartz feldspar porphyry dyke. Greenish buff alteration. Numerous feldspar phenocrysts, common chlorite phenocrysts. Occasional to rare quartz-carbonate fracture-filling. 1-2% fine-grained pyrite. 466.97 1-1.5cm quartz-calcite stringer with minor pink carbonate @ 20 dca.										
				92928	315.00	316.00	1.00	.002		.000			
				92929	316.00	317.00	1.00	.010		.000			
				92930	317.00	317.94	.94	.007		.000			
				92931	317.94	319.00	1.06	.046		.001			
				92932	329.00	330.50	1.50	.012		.000			
				92933	330.50	331.20	.70	.051		.001			
				92934	331.20	332.50	1.30	.026		.001			
				92935	335.00	336.50	1.50	.005		.000			
				92936	336.50	338.00	1.50	.002		.000			
				92937	338.00	339.00	1.00	.002		.000			
				92938	339.00	339.75	.75	.003		.000			
				92939	339.75	341.00	1.25	.002		.000			
				92940	444.50	445.71	1.21	.006		.000			
				92941	445.71	447.00	1.29	.003		.000			
				92942	447.00	448.50	1.50	.003		.000			
				92943	448.50	450.00	1.50	.002		.000			
				92944	450.00	451.50	1.50	.005		.000			
				92945	451.50	453.00	1.50	.011		.000			
				92946	453.00	454.50	1.50	.003		.000			
				92947	454.50	455.50	1.00	.005		.000			
				92948	455.50	456.70	1.20	.005		.000			
				92949	456.70	458.00	1.30	.003		.000			
				92950	460.50	461.63	1.13	.014		.000			
				92951	461.63	463.00	1.37	.000		.000			
				92952	463.00	464.50	1.50	.000		.000			
				92953	464.50	466.00	1.50	.000		.000			
				92954	466.00	467.50	1.50	.000		.000			
				92955	467.50	469.00	1.50	.002		.000			

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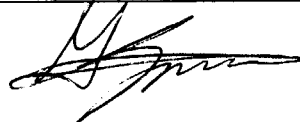
Date: 1 Oct, 1997

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Length (m)	AU (g/t)	AU	AU (o/t)	AU
				92956	469.00	470.50	1.50	.000			.000
				92957	470.50	472.00	1.50	.000			.000
				92958	472.00	473.50	1.50	.000			.000
				92959	473.50	475.00	1.50	.003			.000
				92960	475.00	476.50	1.50	.000			.000
				92961	476.50	478.00	1.50	.022			.001
				92962	478.00	479.50	1.50	.020			.001
476.00	478.00		Numerous hairline light green alteration fractures.								
			Upper contact irregular @ approximately 20 dca and lower contact brecciated.								
478.15	478.20		Broken core, probably due to FAULT ZONE.								
481.28	481.35		Quartz-carbonate healed mafic breccia.								
			Upper contact @ 75 dca and lower contact @ 60 dca.								
485.00	485.65		Broken core, common rusty alteration along fractures.								
499.48			0.5cm quartz-calcite stringer @ 20 dca.								
537.17			1-2cm greenish quartz-calcite stringer @ 10 dca.								
551.71			2.5cm quartz-carbonate healed mafic breccia with common small mafic fragments, @ 25 dca.	92963	551.00	552.46	1.46	.000			.000
552.46	552.71		Quartz feldspar porphyry dyke. Greenish buff and locally pinkish buff alteration.	92964	552.46	552.71	.25	.014			.000
			Numerous 1-2mm feldspar phenocrysts. 2% very fine-grained pyrite.	92965	552.71	553.75	1.04	.021			.001
			Upper contact @ 70 dca and lower contact @ 75 dca.								
553.75	554.06		Similar to above. Occasional mafic fragments.	92966	553.75	554.06	.31	.000			.000
				92967	554.06	555.00	.94	.006			.000
				92968	556.40	557.90	1.50	.012			.000
			Upper contact @ 20 dca and lower contact @ 40 dca.								
557.90	559.64		Quartz feldspar porphyry dyke. Similar to above. Common chlorite phenocrysts, occasional pink quartz-calcite stringers.	92969	557.90	559.00	1.10	.002			.000
558.96			1cm pink quartz-calcite stringer @ 30 dca.	92970	559.00	559.64	.64	.015			.000
				92971	559.64	561.00	1.36	.007			.000
563.09			3cm quartz-calcite stringer @ 40 dca.								
566.30	566.38		Quartz feldspar porphyry dyke. Similar to above.								
			Upper contact @ 25 dca and lower contact @ 50 dca.								
567.00	607.57		Massive flow, common medium-grained chlorite phenocrysts.								
			Upper contact gradual.								
591.51			4cm irregular quartz-calcite stringer with 15% very fine-grained pyrite @ 12 dca.	92972	600.00	601.26	1.26	.000			.000
598.37			2-2.5cm quartz-carbonate / epidote stringer @ 35 dca.	92973	601.26	602.71	1.45	.005			.000
601.26	602.71		Quartz feldspar porphyry dyke with common chlorite phenocrysts.	92974	602.71	604.20	1.49	.002			.000
				92975	604.20	605.00	.80	.009			.000
				92976	605.00	605.95	.95	.000			.000
605.75			1cm quartz-calcite stringer @ 55 dca.								
605.95	607.57		Quartz feldspar porphyry dyke. Similar to above.	92977	605.95	606.70	.75	.010			.000
				92978	606.70	607.57	.87	.000			.000
			Upper contact @ approximately 45 dca and lower contact @ 35 dca.								
607.57	654.45		Pillowed MAFIC VOLCANIC.	92979	607.57	609.00	1.43	.605			.018
			Common up to 1cm varioles.								
609.18			4cm purple quartz-carbonate / chlorite stringer.								
			Upper contact @ approximately 25 dca and lower contact @ approximately 35 dca.								
613.86			2.5cm quartz-calcite stringer @ 60 dca.								
622.14			1cm quartz-calcite stringer @ 90 dca.								
627.11	629.86		Crackled MAFIC VOLCANICS. Common chlorite fracture-filling, common quartz-carbonate stringers and masses. Variolitic with varioles up to 5mm. Both contacts gradual.								
654.45	689.25		Massive flow. Similar to above. Occasional epidote fracture-filling. Both contacts gradual.								
666.95	667.09		Quartz-carbonate / epidote stringer, minor hematite fracture-filling. Common mafic fragments.								
			Upper contact @ 60 dca and lower contact @ 20 dca.								
669.66			1.5cm quartz-calcite stringer @ 10 dca.								
675.17	675.69		White and purple quartz-calcite vein with common chlorite, occasional mafic fragments, common epidote, 10% very fine to fine-grained pyrite.								
			Upper contact @ 20 dca and lower contact @ 15 dca.								
676.88			1cm quartz-calcite stringer @ 25 dca.								
689.25	762.39		Variolitic pillowed MAFIC VOLCANICS. Similar to above. Occasional bleached zones, local purplish and reddish alteration. Overall 2-3% pyrite, locally up to 5%.	92980	698.00	699.50	1.50	.019			.001
				92981	699.50	700.84	1.34	.002			.000
700.70	701.45		Common epidote associated with massive sulphides (pyrite, chalcopyrite, pyrrhotite & pentlandite).	92982	700.84	701.30	.46	.078			.002
700.93	701.30		Massive pyrite (30-35%), and massive pentlandite (40%), associated with 10% chalcopyrite.	92983	701.30	702.50	1.20	.014			.000
702.58	703.25		Broken core, probably FAULT ZONE.								
704.00	715.60		Increasingly epidotized section. Abundant varioles and occasional bleached sections.	92984	714.50	715.60	1.10	.000			.000

Date: 1 Oct, 1997

ST. ANDREW GOLDFIELDS LTD.
DIAMOND DRILL RECORDHole No: S96-3
Page: 6 of 6

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Length (m)	AU (g/t)	AU	AU (o/t)	AU
			715.60 720.80 Quartz feldspar porphyry dyke. Pale reddish brown. Medium-grained, common 1-2mm feldspar phenocrysts. Common epidote fracture-filling with alteration halos. Hard to very hard. Common chlorite phenocrysts. 1-2% scattered fine-grained pyrite.	92985	715.60	717.00	1.40	.000		.000	
				92986	717.00	718.50	1.50	.002		.000	
				92987	718.50	719.50	1.00	.000		.000	
				92988	719.50	720.80	1.30	.005		.000	
			Upper contact broken, lower contact sharp and irregular @ approximately 20 dca.								
			720.80 721.35 MAFIC DYKE. Lower contact irregular @ approximately 40 dca.	92989	720.80	721.35	.55	.003		.000	
				92990	721.35	722.50	1.15	.002		.000	
			721.35 728.09 Quartz feldspar porphyry dyke. Similar to above.	92991	722.50	724.00	1.50	.000		.000	
				92992	724.00	725.50	1.50	.002		.000	
				92993	725.50	727.00	1.50	.007		.000	
				92994	727.00	728.09	1.09	.003		.000	
			Lower contact @ 35 dca.								
			728.09 728.97 Feldspar porphyry. Light greenish grey. Similar to above. Lower contact irregular.	92995	728.09	729.66	1.57	.010		.000	
			728.97 729.25 Quartz feldspar porphyry dyke. Reddish brown. Similar to above. Lower contact irregular.								
			729.25 729.66 Feldspar porphyry. Similar to above. Lower contact broken.								
			729.66 737.00 Pillowed variolitic MAFIC VOLCANICS. Medium green to dark green. Occasional epidote fracture-filling.	92996	729.66	731.20	1.54	.003		.000	
			731.20 731.35 Massive pyrrhotite (30%), 5% honey sphalerite.	92997	731.20	731.35	.15	.092		.003	
			731.35 732.42 Massive honey sphalerite (20%), 3% chalcopyrite locally.	92998	731.35	732.42	1.07	.007		.000	
				92999	732.42	733.50	1.08	.000		.000	
			737.00 751.83 Dark green to black green. Common pinkish red varioles with alteration halos (3mm-1cm). Occasional bleached zones. Occasional epidote alteration and fracture-filling.								
			738.20 738.34 Mafic breccia. 1mm-1.5cm angular fragments, in epidote rich matrix.								
			Upper contact and lower contact @ 55 dca.								
			743.20 744.66 Broken core, probably due to FAULT ZONE. Both contacts broken.								
			748.00 749.00 60cm extra core.								
			748.05 748.22 Mafic breccia. 2mm-2.5cm fragments, epidote rich matrix.								
			Upper contact and lower contact @ 35 dca.								
			751.83 762.39 Unit becoming grey to light greenish grey locally. Occasional to rare 2-5mm varioles. Increasing amount of chlorite phenocrysts towards lower contact.								
			Lower contact (762.39), sharp and chilled @ 40 dca.								
762.39	827.25		DIABASE								
			762.39 763.30 Black, fine-grained. Massive, uniform. Strongly magnetic. 1-2% fine-grained disseminated pyrite.								
			Lower contact @ 20 dca.								
			763.30 827.25 Medium-grained diabase. Grey, medium-grained. White and dark green phenocrysts. Common local pinkish alteration. Unit increasingly becoming coarse-grained. Porphyritic, uniform. Moderately to strongly magnetic. Moderately hard. Overall trace fine-grained pyrite, locally up to 2% pyrite.								
			767.45 768.63 Very fine to fine-grained diabase. Black, similar to above.								
			Upper contact @ 12 dca and lower contact @ 15 dca.								
			819.68 820.12 Broken core, probably due to FAULT ZONE. Both contacts broken.								
827.25			END OF HOLE								


 7/10/97



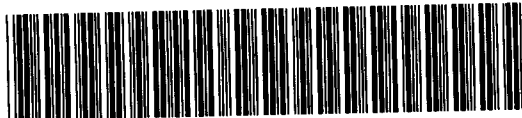
Ministry of
Northern Development
and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) <i>W9760.00462</i>
Assessment Files Research Imaging

Personal information collected on this form is for use under the Mining Act, the information
Questions about this collection of information should be directed to:
933 Ramsey Lake Road, Sudbury, Ontario



42A10SE0014 2.17794 STOCK

of the Mining Act. Under section 8 of the Act, the information provided on this form should correspond with the mining land holder. For more information, contact the Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario

900

Instructions: - For use by the recorded holder or agent.
- Please type or print in ink.

Form 0240.

2.17794

1. Recorded holder(s) (Attach a list if necessary)

Name <i>St. Andrew Goldfields Ltd</i>	Client Number <i>196 705</i>
Address <i>RR# 2 Matheson, Ontario PO Box 110</i>	Telephone Number <i>705-273-2525</i>
	Fax Number <i>705-273-3333</i>
Name	Client Number
Address	Telephone Number
	Fax Number

DUPLICATE COPY

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Work Type <i>diamond drilling (596-2 & 596-3)</i>	Office Use
Dates Work Performed From <i>31 10 96</i> To <i>4 12 96</i>	Commodity
Global Positioning System Data (if available)	Total \$ Value of Work Claimed
Township/Area <i>Stock</i>	NTS Reference
M or G-Plan Number <i>G-3248</i>	Mining Division <i>Porcupine</i>
	Resident Geologist District

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GEOSCIENCE ASSESSMENT OFFICE

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <i>B. J. McKay</i>	Telephone Number <i>705-273-2525</i>
Address <i>RR# 2 Matheson</i>	Fax Number <i>705-273-3333</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

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OCT 17 1997
3:45 PM
PORCUPINE MINING DIVISION

4. Certification by Recorded Holder or Agent

I, *KIAN A. JENSEN* (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Kian Jensen</i>	Date <i>Oct 15/97</i>
Agent's Address <i>P.O. Box 37, South Porcupine, ON</i>	Telephone Number <i>705-273-2525</i>
	Fax Number <i>705-273-3333</i>

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was done. A map showing the contiguous link must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$2,825
eg 1234567	12	0	\$24,000	0
eg 1234568	2	\$8,892	\$4,000	\$4,892
5002411 NY 2 Lot 7 Cont	151.5	\$101,110.50	0	\$101,110.50
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
Column Totals				\$101,110.50

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I, _____, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: Kian Hansen Date: Oct 15/97

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

<p>For Office Use Only</p> <p>Received Stamp</p> <p style="font-size: 2em; font-weight: bold;">RECEIVED</p> <p>OCT 17 1997</p>	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
diamond drilling	core	57.83 / m	\$86,054.50
	core cutters	12 / hr	3,264.00
	geologists	200 / day	4,840.00
	assays	12 / sample	6,952.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			\$101,110.50

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GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, KIAN A. JENSEN (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work Form as AGENT I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

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OCT 17 1997
PORCUPINE MINING DIVISION

Signature: Kian Jensen Date: Oct 15/97

January 15, 1998

ST. ANDREW GOLDFIELDS LTD.
R.R. #2
Matheson, Ontario
P0N 1K0

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5881

Dear Sir or Madam:

Submission Number: 2.17794

Status

Subject: Transaction Number(s): W9760.00462 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.17794

Date Correspondence Sent: January 15, 1998

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9760.00462	N1/2 Lot7 Conc1	STOCK	Deemed Approval	January 14, 1998

Section:
16 Drilling PDRILL

Correspondence to:
Resident Geologist
South Porcupine, ON

Recorded Holder(s) and/or Agent(s):
K. A. Jensen
SOUTH PORCUPINE, ONTARIO, CANADA

Assessment Files Library
Sudbury, ON

ST. ANDREW GOLDFIELDS LTD.
Matheson, Ontario

German

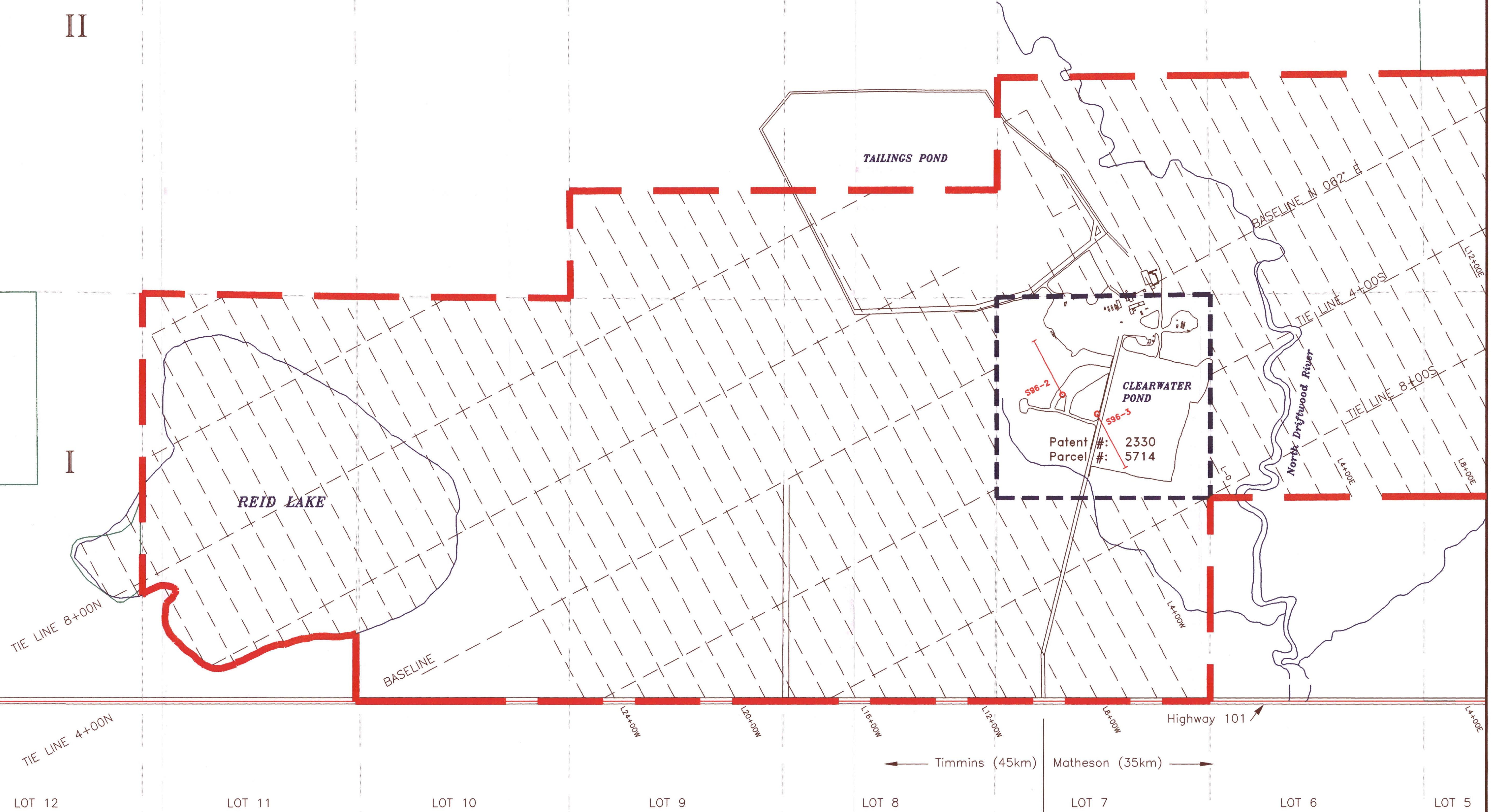
Macklem

Stock

Bond

II

I



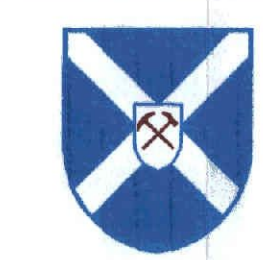
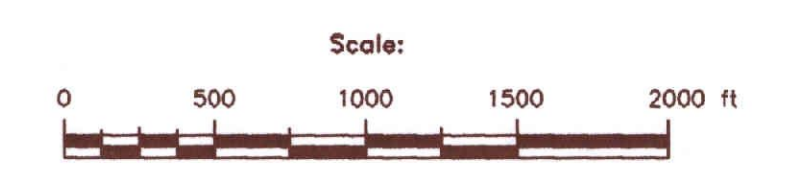
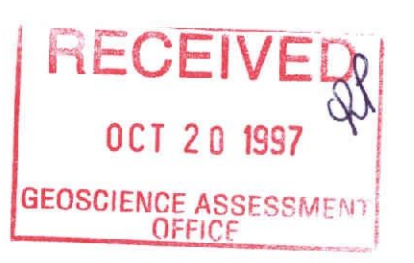
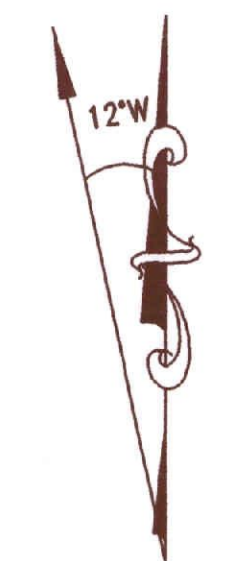
LEGEND

- DDH: location & hole number
- Mine buildings
- Property boundary
- Patent claim: Stock Township: N 1/2 Lot 7 Con II: source of assessment work. Patent #: 2330 Parcel #: 5714

DDH S96-2 is approx. 1230 feet south and 1825 feet west of the NE corner of the N1/2 of LOT7 CONI.
 DDH S96-3 is approx. 1470 feet south and 1400 feet west of the NE corner of the N1/2 of LOT7 CONI.

Assays >1.00 grams per tonne (gpt)

S96-2: 254.22-256.36m	1.306 gpt
324.41-329.0m	1.235 gpt
353.77-354.09m	3.377 gpt
440.19-441.5m	1.182 gpt
525.5-565.7m	2.263 gpt
570.6-570.9m	2.408 gpt
591.88-594.91m	1.972 gpt
599.5-601.0m	1.32 gpt



ST ANDREW GOLDFIELDS LTD.
 Stock Mine
 Plan View: DDHs S96-2 & S96-3

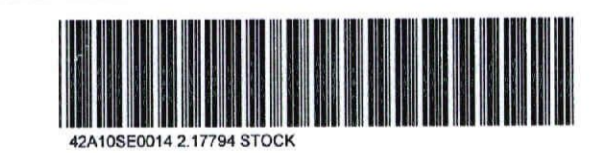
FILE NAME: pls962&3.dwg DATE: 30 Sept. 1997



2.17794

LEGEND

- CAS Casing
- Andesite
- Mafic Volcanics
- Massive Mafic Volcanics
- Pillowed Mafic Volcanics
- Carbonatized Mafic Volcanics
- Bleached Mafic Volcanics
- Variolitic Mafic Volcanics
- Ultramafic Volcanics
- Ultramafic Breccia
- Sericitic Ultramafic Breccia
- Grey-Green Carbonate
- Green Carbonate
- Grey Carbonate
- Sericitic Green Carbonate
- Chlorite-Talc Schist
- Talc-Chlorite Schist
- Carbonatized Talc-Chlorite Schist
- Metasediments
- Argillite
- Greysack
- Argillite-Greysack
- Greysack-Argillite
- ARK Arkose
- Arkose-Argillite
- Diabase Dyke
- Diabase Porphyry
- Mafic Dyke
- Gabbro
- Gabbro-Diabase Dyke
- Lanprophyre
- Feldspar Porphyry
- Quartz-Feldspar Porphyry
- Andesite Porphyrite
- Felsite Intrusive Dyke
- Felsite Intrusive Breccia
- Quartz Vein



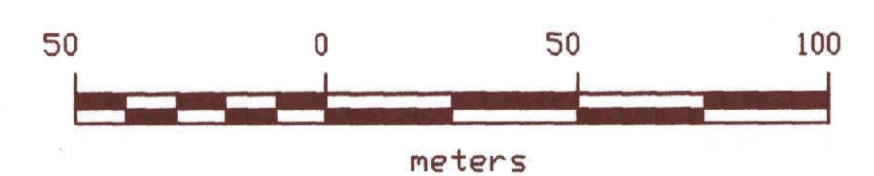
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2.17794

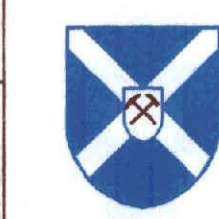
Assays: grams per tonne (gpt)
 Assays below 0.5000 are not plotted.
 Histogram: 1cm = 4gpt
 Maximum length = 12.000 gpt



Red = >3.000 gpt



Hole is in N1/2 Lot 7 Con I Hole azimuth is 315°

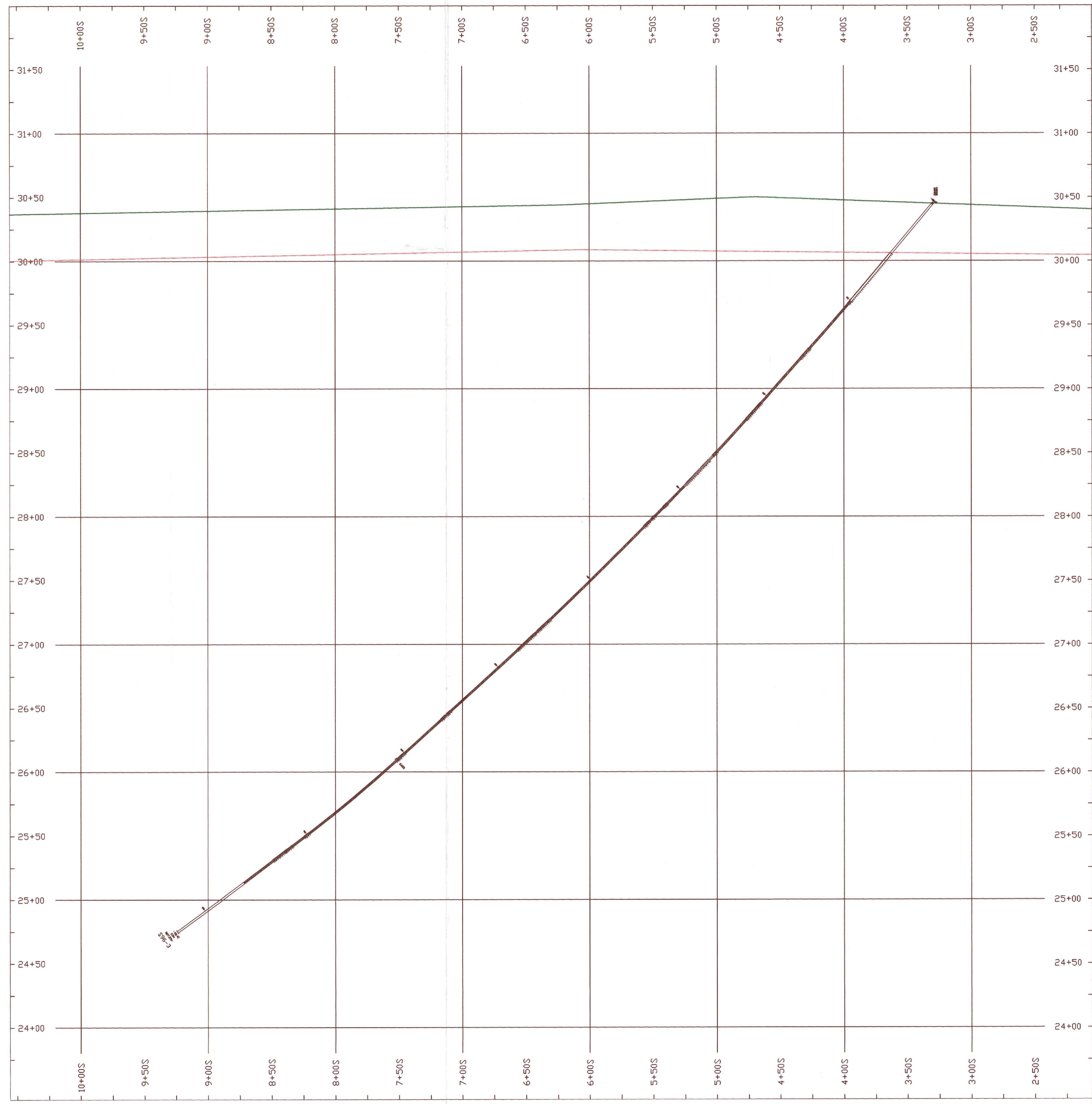


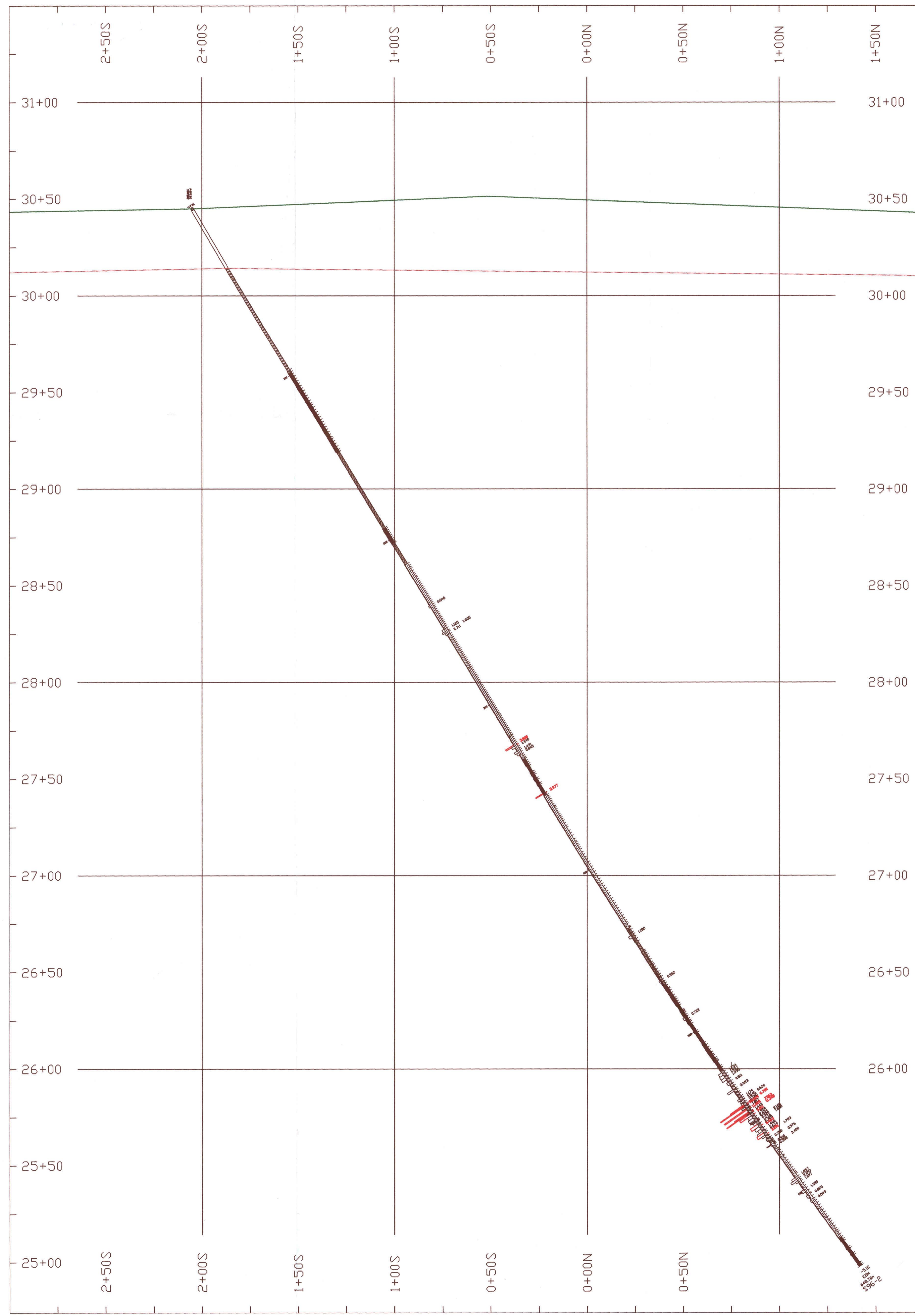
ST ANDREW GOLDFIELDS LTD.

DDH S96-3 (looking west)

FILE NAME: S96-3.dwg

DATE: 30 Sept. 1997





LEGEND

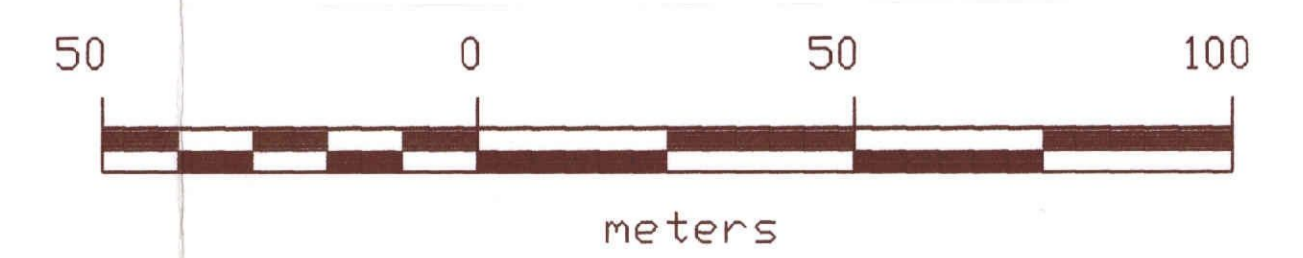
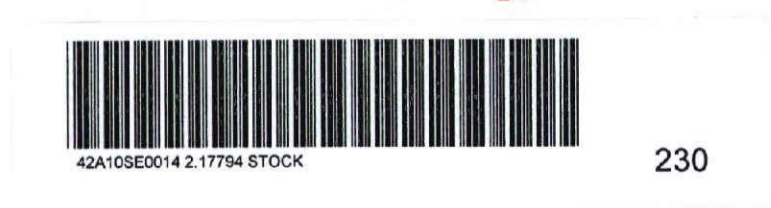
- CAS Casing
- Andesite
- Mafic Volcanics
- Massive Mafic Volcanics
- Pillowed Mafic Volcanics
- Carbonatized Mafic Volcanics
- Bleached Mafic Volcanics
- Variolitic Mafic Volcanics
- Ultramafic Volcanics
- Ultramafic Breccia
- Sericitic Ultramafic Breccia
- Grey-Green Carbonate
- Green Carbonate
- Grey Carbonate
- Sericitic Green Carbonate
- Chlorite-Talc Schist
- Talc-Chlorite Schist
- Carbonatized Talc-Chlorite Schist
- Metasediments
- Argillite
- Greywacke
- Argillite-Greywacke
- Greywacke-Argillite
- Arkose
- Arkose-Argillite
- Diabase Dyke
- Diabase Porphyry
- Mafic Dyke
- Gabbro
- Gabbro-Diabase Dyke
- Lanprophyre
- Feldspar Porphyry
- Quartz-Feldspar Porphyry
- Andesite Porphyrite
- Felsite Intrusive Dyke
- Felsite Intrusive Breccia
- Quartz Vein

Assays: grams per tonne (gpt)
 Assays below 0.5000 are not plotted.
 Histogram: 1cm = 4gpt
 Maximum length = 12.000 gpt

2.17794

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Red = >3.000 gpt



Hole is in N1/2 Lot 7 Con I Hole azimuth is 315°



ST ANDREW GOLDFIELDS LTD.

DDH S96-2 (looking west)

FILE NAME: S96-2.dwg

DATE: 30 Sept. 1997