Assessment Report

October 1996- October 1997
for
Diamond Drilling, Trenching, Geochemistry and Geophysics
on the

HEARNE HILL PROPERTY

OMINECA MINING DIVISION
BABINE LAKE AREA, B.C.

NTS 93-M-1W

Latitude 55°11'N Longitude 126°16'W

VOLUME 4 (OF 5)

Drill Logs and Assay Certificates for Drill Holes 97-100 to 97-115

Claims Involved

Hearne 1, Hearne 3, Hearne 4, Hearne 8, Hearne 9, BB 1 (Group HH 1)
Hearne 1, Hearne 5, BB 2, BB 3, BB 4, Hearne 10, Hearne 11 (Group HH 2)
Hearne 1, Hearne 5, Hearne 7, Cub 200, Cub 300, Hearne 12, Hearne 13 (Group HH 3)
Hearne 1, Hearne 2, Hearne 6, Cub 100 (Group HH 4)
Hearne 2, Hearne 7, Cub 200, Copper 100, Copper 200 (Group HH 4)
Hearne 2, Hearne 7, Cub 200, Copper100, Copper 200 (Group HH 5)

Owner - Operator

BOOKER GOLD EXPLORATIONS LIMITED
10th Floor - 609 West Hastings St.
Vancouver, B.C. V6B 4W4

by

Erin O'Brien, M.Sc.
Geologist

Gordon Weary, M.Sc.
Project Geologist

January 03, 1998

Hole No. 97-100
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AC #'s: 97-0721
97-0796

BOOKER GOLD EXPLORATIONS LTD.

Location: 9845S-10035W	Dips - collar	-60 °	Contractor: J.T. Thomas	Hole No: 97-100	
Azimuth: 117° E	957' - 291.7 m	-63 °	Logged by: D.M.	Property: Hearne Hill	
Elevation:	- m	°	Date: Feb. 14/97	Claim No. Hearne 1	
Length: 291.7	- m	°		Section No.	
Core size: NQ	- m	°		Started: Feb. 11/97	
Purpose: To extend Bleach zone to the NW				Completed: Feb. 13/97	

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	3.0	casing, no core													
		logged after split various lithos.													
3.0	18.0	QBFP (Diorite/Granite)	3.0	18.0	strong seric alt'n	1-5	0-30°	carb-qtz-py	134005	3.0	7.3	279	7	.5	72
		- e.g. bleached, soft in areas.			rapid.			-hem(mag)	006	7.3	11.3	479	14	.6	129
		- veinlets xcut C.A. @ a low angle (near vert. insec'n)			- Advanced argillic				007	11.3	14.3	619	13	.8	15
					- hem(mag) in veinlets				008	14.3	17.4	616	13	1.0	17
		- abundant, interlocking			cemented by carb.										
					- abundant py in veinlets										
					f.g. cubes & masses										
					py ≈ 1.0%										
					- trace cp w f.g. py										
					- FeOx (limonite, goethite)										
					on fractures to 9.0m										
					approx, minor FeOx										
					on frac. below this										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
18.0	291.7	Andesitic Hornfels	180	49.3	Potassic/Phyllic Alt'n			carb-py-mag	009	17.4	19.8	1537	60	2.4	55
		-med. grey ± bleached			-mag(hem) in veinlets			-hem	010	19.8	22.9	833	28	1.3	48
		areas, (stockwork)			-saric alt'n.				011	22.9	26.5	682	16	1.0	11
		-abundant veinlets.			-hem throughout				012	26.5	29.6	943	31	1.8	28
		-magnetic			-Py abundant, in				013	29.6	32.6	755	19	1.4	20
		-f.g. siliceous, 2ndary			veinlets (1-1.5%)				014	32.6	35.7	629	15	1.4	10
		biotite, small amts			-trace Cp f.g. diss				015	35.7	38.7	806	20	1.1	4
		of K-spar			w Py.				016	38.7	41.8	1122	28	1.2	8
		-cut by BFP and													
		mafic dikes (basalt-													
		weak amygdaloidal text.)													
		-fractures 45° to													
		C.A.													
	at	24.2 m													
		15cm of weak BFP													
		texture, contacts													
		in distinct.													
		40.3-47.0 m							017	41.8	44.8	1261	44	1.1	6
		BFP dike, 60%							018	44.8	47.9	1299	44	1.8	4
		f.g. groundmass													
		-med. grey colour													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
			at	49.2	specularite (hem variety) bright red fracture coating. 20° to C.A.			
		49.3 - 55.9 m mafic dike - massive; dark grey f.g. siliceous/hard - few veinlets, - small amygdoidal inclusions of white calcite. - unaltered, lower contact @ 45° to C.A.						
			at	56.2	specularite (hem), bright red colour on top of calcite in veinlets w/ py, 0° to C.A. 2 m/m thick.			
at	87.0 m	- for 1.5 m abundant fractures, magnetic w/ abundant sul (py).	55.9	89.9	Potassic / Phyllic Alt'n biot, kspar (minor ants) - small zones of bleached phyllic alt'd andesite Hornfels (Rhyodacite if bleached).			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
019	47.9	50.9	501	16	1.1	1
020	50.9	53.9	57	3	.4	1
021	53.9	57.0	179	16	1.1	4
022	57.0	60.0	463	15	1.6	4
023	60.0	63.1	513	14	1.6	6
024	63.1	66.1	616	20	1.6	5
025	66.1	69.2	247	9	1.5	3
026	69.2	72.2	254	12	1.8	4
027	72.2	75.3	271	10	1.6	4

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		89.9-101.2 m.	89.9	101.2	Strong Phyllic			134	028	75.3	78.3	533	32	1.3	33
		-strongly bleached,			-advanced sericitization				029	78.3	81.4	655	18	1.4	12
		advanced stockwork			- lrg. biot., less				030	81.4	84.4	482	27	1.0	11
		texture (weak brxx).			abundant				031	84.4	87.5	484	11	1.1	6
		-chl on fractures.			-abundant Py in veinlets				032	87.5	90.5	465	11	1.1	5
		-fairly soft hardness			vgs coatings on				033	90.5	93.3	632	14	1.0	11
		~2,			fractures.				034	93.3	96.3	803	12	.6	18
		-numerous small			- no cp.				035	96.3	99.4	744	19	.5	31
		veinlets							036	99.4	102.4	635	23	.4	38
		101.2 - 169.0	101.2	185	weak Phyllic / Potassic	1-2	various	carb-Py-hem	037	102.4	105.5	1031	17	.6	17
		-more competent, harder			-2ndary biot. + kspar			(mag).	038	105.5	108.8	956	22	1.1	30
		less sericitzation			in secn's of strong			-interlocking	039	108.8	111.9	975	20	.5	15
		fractures 45° and higher			potassic alt'n.			fine veinlets	040	111.9	114.9	383	8	<.3	6
		to C.A.			-cp more abundant in				041	114.9	118.0	605	17	<.3	3
					darker areas.				042	118.0	121.0	2262	96	.8	13
					-chl along some fractures				043	121.0	124.1	1436	32	<.3	22
					in lighter areas.				044	124.1	127.1	711	17	<.3	17
	at	121.0 for next few	at	121.0	lorg Py grains + cp				045	127.1	130.1	281	7	<.3	13
		metres mag as blebs			as blebs or irregular				046	130.1	133.2	818	18	<.3	30
		or tumors in veinlets			grains w blebs of				047	133.2	136.2	724	13	<.3	23
		up to 2 cm thick.			mag. surrounded by hem.				048	136.2	139.3	549	11	<.3	40
					in veinlets in dark potassic				049	139.3	142.3	627	9	<.3	22
					rock, veinlets 15mm			134	050	142.3	145.4	914	14	<.3	29
					thick, xcut C.A. @				13/001	145.4	148.4	2511	54	1.5	34
					45°				002	148.4	151.5	1366	25	.8	52

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		169.0-169.3 m BFP dike siliceous very little biot.						
		176.2 m - 182.5 m fractures more abundant @ coated w talcy chl.						
		185.5-190.3 -bleached soft. -abundant interlocting veinlets. -weak brxx texture -few fractures.	185.5	190.3	Phyllic Alt'd. soft, bleached w rock flour, seric. py very abundant in veinlets -no mag. -cp in one thick vein.	1-2	various	carb-py-hem -rock flour
at		186.6 m slickenside coated by carb. @ 30° to C.A.	at	186.4	large vein 30° to CA, rockflour Cp-Py irregular intertwined masses, cemented by carb. + qtz.			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
003	151.5	154.5	774	17	.5	24
004	154.5	157.6	852	12	.5	52
005	157.6	160.6	522	23	.5	27
006	160.6	163.6	891	12	.5	24
007	163.6	166.7	688	12	.5	16
008	166.7	169.7	3297	41	1.1	22
009	169.7	172.8	1331	25	.7	7
010	172.8	175.8	943	27	.4	27
011	175.8	178.9	1271	16	.6	28
012	178.9	181.9	341	5	.3	5
013	181.9	185.0	437	10	.4	8
014	185.0	188.0	3349	52	1.0	28
015	188.0	191.1	421	7	<.3	15

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		190.3-197.1 m	190.3	197.1	Potassic Alt'n	1-2	various	carb-(qtz)-py	016	191.1	194.1	309	11	.3	11
		-dark, med. grey, siliceous			-2ndary biot.			-hem (mag)	017	194.1	197.2	657	17	.4	16
		-f.g			-py abundant on fractures.										
		-veinlets interlocking													
		197.1 - 209.6 m	197.1	209.6	strong seric, ± qtz. in veinlets.				018	197.2	200.3	770	10	.6	7
		-rhyodacite							019	200.3	203.3	119	5	.3	.2
		-bleached, weak brxv text.							020	203.3	206.3	113	8	.4	4
		-many interlocking veinlets							021	206.3	209.4	174	5	.4	8
		-soft.													
		209.6 - 291.7 m.	209.6	291.7	Potassic/Phyllic	1-2	various	carb(calcite)	022	209.4	212.4	152	6	.3	8
		-more competent			-2ndary biot, Kspar			-qtz-py	023	212.4	215.5	92	4	<.3	3
		-siliceous			-py 1-2%			hem(mag.),	024	215.5	218.5	173	4	.6	3
		-stockwork texture			-in some areas			-interlocking	025	218.5	221.5	92	3	.3	4
		-larger veinlets @			small cubes 2-3 mm			less than	026	221.5	224.6	548	18	.3	16
		30-45° to C.A.			dia; usually as			rhyodacite.	027	224.6	227.7	244	6	.3	6
		weakly marbled in areas.			fracture coatings				028	227.7	230.7	90	3	<.3	7
					-mag-hem in veinlets				029	230.7	233.8	89	3	<.3	2
at.		262.1 m.			-trace Cp.				030	233.8	236.8	152	3	<.3	2
		large mass of py in							031	236.8	239.9	157	5	.4	6
		vein, 4cm thick @							032	239.9	242.9	210	7	.3	11
		40° to C.A. no Cp							033	242.9	246.0	208	3	<.3	4
									131 034	246.0	249.0	116	3	<.3	1

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
	at	271.9 m.						131
		thick py vein 1cm						
		thick @ 35° to C.A.	at	288?	carb. + rock flour in			
					veinlets. for 40 cm.			
		291.1 - 291.7 m						
		more fractured than						
		surrounding material						
	at	291.7 B.O.H.						
		(bit went)						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
035	249.0	252.1	310	18	<.3	8
036	252.1	255.1	156	10	<.3	4
037	255.1	258.2	188	15	<.3	4
038	258.2	261.2	186	9	<.3	3
039	261.2	264.3	138	6	<.3	3
040	264.3	267.3	110	7	<.3	7
041	267.3	270.4	160	8	<.3	8
042	270.4	273.4	101	4	<.3	3
043	273.4	276.5	254	9	<.3	5
044	276.5	279.5	119	6	<.3	2
045	279.5	282.5	75	3	<.3	2
046	282.5	285.7	79	4	<.3	3
047	285.7	288.7	95	7	<.3	5
048	288.7	291.7	89	4	<.3	2

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
134004	54	1346	<3	44	1.2	<1	19	436	5.65	20	<5	<2	<2	96	<.2	<2	<2	17	.90	.120	7	7	.84	38	.02	<3	.55	.08	.10	<2	35
134005	72	279	8	93	.5	8	11	597	3.34	<2	<5	<2	3	59	<.2	2	2	57	1.49	.078	18	26	.89	219	.03	<3	.93	.08	.32	3	7
134006	129	479	9	104	.6	9	15	1186	3.47	16	<5	<2	2	70	<.2	<2	3	42	2.03	.070	12	20	1.13	79	.01	5	.76	.05	.29	3	14
134007	15	619	8	105	.8	4	14	1007	2.84	19	<5	<2	2	77	.3	<2	4	36	2.37	.061	12	14	1.19	68	.01	6	.72	.06	.28	2	13
134008	17	616	5	67	1.0	2	11	692	5.48	6	<5	<2	<2	94	.2	<2	<2	27	1.39	.130	12	13	1.15	200	.07	4	.91	.09	.45	4	13
134009	55	1537	13	176	2.4	10	25	778	7.36	135	<5	<2	<2	127	.4	<2	3	26	2.73	.119	8	14	1.45	28	.05	4	.89	.10	.38	<2	60
134010	48	833	9	61	1.3	3	12	710	4.83	17	<5	<2	<2	76	.4	2	3	22	1.69	.115	10	12	1.06	73	.04	<3	.73	.08	.33	3	28
134011	11	682	7	57	1.0	<1	16	363	6.99	<2	<5	<2	<2	72	<.2	<2	<2	18	1.31	.181	10	11	1.10	193	.07	<3	.81	.12	.36	2	16
134012	28	943	8	73	1.8	1	18	922	6.49	105	<5	<2	<2	76	.6	2	5	13	2.20	.164	7	9	1.25	23	.02	3	.70	.10	.23	2	31
134013	20	755	5	57	1.4	<1	15	503	6.30	6	<5	<2	<2	77	.2	<2	<2	14	1.94	.187	9	8	1.15	51	.05	8	.78	.11	.32	2	19
134014	10	624	5	59	1.4	<1	12	444	7.23	<2	<5	<2	<2	52	<.2	<2	2	16	1.36	.186	9	9	1.03	163	.07	<3	.72	.11	.35	3	15
134015	4	806	5	55	1.1	3	13	459	6.60	11	<5	<2	<2	48	.2	<2	3	16	1.86	.178	10	10	1.10	46	.04	<3	.71	.10	.23	<2	20
134016	8	1122	9	61	1.2	9	11	461	6.03	<2	<5	<2	<2	57	.4	<2	2	34	1.83	.152	15	19	1.20	35	.06	3	.76	.10	.33	<2	28
134017	6	1261	7	71	1.1	20	12	409	5.24	<2	<5	<2	<2	57	<.2	<2	2	61	1.86	.135	12	33	1.34	218	.08	4	.79	.08	.39	<2	44
134018	4	1299	8	72	1.8	10	15	673	5.91	<2	<5	<2	<2	47	<.2	<2	<2	42	2.06	.148	12	23	1.27	126	.04	<3	.71	.08	.30	<2	44
134019	1	501	5	95	1.1	29	21	939	5.85	<2	<5	<2	<2	216	<.2	3	12	109	3.26	.158	13	66	2.01	233	.09	<3	1.74	.33	.17	<2	16
134020	1	57	<3	92	.4	47	21	924	4.97	<2	<5	<2	<2	301	.4	<2	<2	157	3.63	.148	18	90	2.92	157	.17	<3	2.09	.34	.13	<2	3
134021	4	174	37	123	1.1	38	32	1050	6.61	98	<5	<2	<2	218	.4	5	<2	116	3.97	.148	15	71	2.64	102	.06	<3	1.77	.17	.11	<2	16
134022	4	463	8	61	1.6	<1	13	681	6.95	3	<5	<2	<2	41	<.2	<2	<2	17	1.80	.204	15	7	1.13	141	.04	3	.79	.09	.20	<2	15
134023	6	513	6	45	1.6	<1	11	422	7.05	<2	<5	<2	<2	36	<.2	<2	6	17	1.49	.203	17	8	.98	101	.07	3	.76	.12	.28	<2	14
134024	5	616	<3	44	1.6	1	16	453	7.37	2	<5	<2	<2	26	<.2	<2	<2	16	1.30	.196	17	9	1.06	114	.10	3	.89	.11	.38	<2	20
134025	3	247	3	50	1.5	<1	9	580	7.09	<2	<5	<2	<2	19	<.2	<2	<2	16	.99	.199	16	9	1.07	151	.09	<3	.95	.12	.33	<2	9
134026	4	254	3	61	1.8	<1	10	666	7.19	<2	5	<2	<2	36	<.2	<2	2	16	1.08	.196	17	8	1.08	89	.08	4	.97	.10	.29	<2	9
RE 134026	4	252	6	61	1.6	<1	10	666	7.16	<2	<5	<2	<2	36	<.2	<2	8	16	1.08	.197	17	9	1.08	81	.08	<3	.97	.11	.29	<2	12
134027	4	271	<3	57	1.6	<1	9	656	6.91	<2	<5	<2	<2	807	<.2	2	<2	15	1.09	.188	15	8	1.05	156	.09	3	.96	.12	.32	<2	10
134028	33	533	7	64	1.3	<1	15	484	6.96	3	<5	<2	<2	88	<.2	<2	3	15	1.55	.183	14	7	1.01	152	.08	<3	.78	.09	.38	<2	32
134029	12	655	8	92	1.4	1	18	861	7.17	<2	<5	<2	<2	99	<.2	<2	<2	14	1.35	.179	13	7	1.03	58	.09	4	.92	.10	.43	<2	18
134030	11	482	10	74	1.0	<1	19	724	6.42	59	<5	<2	<2	82	<.2	<2	3	9	2.19	.167	7	5	.92	7	.01	<3	.82	.05	.25	<2	27
134031	6	484	<3	47	1.1	<1	16	456	7.06	2	<5	<2	<2	661	.2	<2	<2	15	1.26	.192	13	7	1.11	131	.13	4	1.05	.13	.54	<2	11
134032	5	465	3	50	1.1	<1	14	776	7.19	<2	<5	<2	<2	866	.4	2	3	16	1.04	.098	9	14	1.10	66	.05	4	.61	.09	.17	<2	11
134033	11	632	4	64	1.0	1	15	952	4.78	48	<5	<2	<2	86	<.2	<2	3	11	1.61	.082	5	6	.91	92	.01	<3	.72	.06	.11	<2	14
134034	18	803	5	66	.6	<1	17	446	4.42	12	<5	<2	<2	57	<.2	<2	<2	7	1.20	.062	3	6	.73	22	.01	<3	.53	.07	.09	<2	12
134035	31	744	6	56	.5	1	11	507	3.31	25	6	<2	<2	41	<.2	<2	<2	4	.98	.016	2	7	.50	26	<.01	<3	.37	.09	.07	<2	19
134036	38	635	5	27	.4	<1	13	174	2.20	14	11	<2	<2	29	<.2	<2	3	4	.85	.021	2	8	.46	25	<.01	4	.31	.09	.06	2	23
134037	17	1031	10	41	.6	3	14	340	3.78	90	<5	<2	<2	37	<.2	<2	9	6	1.29	.052	3	8	.70	29	.01	<3	.52	.08	.10	<2	17
134038	30	956	7	79	1.1	<1	26	807	7.05	416	5	<2	<2	48	<.2	7	2	12	1.84	.134	5	5	.99	28	.01	3	.67	.05	.15	<2	22
STANDARD C2/AU-R	19	58	41	146	7.2	66	37	1125	4.04	47	25	7	33	52	19.7	18	21	70	.54	.107	39	62	.97	191	.08	26	1.95	.06	.16	12	516

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-100

Data___ FA ___

ACME ANA. .ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V. OUVER BC V6A 1R6 PHONE(604)253-3158 FAX(60. 53-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-0796 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
131001	34	2511	20	42	1.5	4	26	318	5.54	18	<5	<2	<2	60	<.2	3	3	11	1.53	.089	3	1	.79	22	.01	<3	.41	.07	.09	<2	54
131002	52	1366	4	38	.8	3	24	427	4.97	295	<5	<2	<2	49	<.2	3	2	9	1.61	.068	2	3	.72	19	<.01	<3	.55	.05	.07	2	25
131003	24	774	<3	39	.5	4	14	605	5.05	9	<5	<2	<2	43	<.2	<2	<2	14	1.10	.160	10	1	.67	81	.02	<3	.50	.07	.09	2	17
131004	52	852	<3	39	.5	3	20	438	5.19	12	<5	<2	2	55	.4	<2	<2	13	1.05	.148	8	1	.73	55	.03	<3	.53	.07	.14	2	12
131005	27	522	6	45	.5	8	19	766	5.87	6	<5	<2	2	66	<.2	<2	2	18	1.15	.172	13	13	.85	82	.04	<3	.54	.08	.18	2	23
131006	24	891	<3	45	.5	15	22	602	6.18	6	<5	<2	2	105	<.2	<2	<2	41	1.20	.166	11	29	1.25	78	.08	<3	.73	.07	.43	3	12
131007	16	688	5	56	.5	4	18	650	6.23	4	<5	<2	<2	62	<.2	<2	<2	14	1.41	.169	10	2	.89	166	.03	<3	.47	.08	.16	3	12
131008	22	3297	3	68	1.1	7	16	454	4.68	75	<5	<2	<2	51	.4	7	<2	21	1.65	.140	9	6	.92	95	.02	<3	.52	.05	.14	3	41
131009	7	1331	<3	46	.7	5	18	479	5.37	28	10	<2	2	53	<.2	<2	<2	15	1.35	.183	11	3	.78	60	.03	<3	.53	.07	.16	3	25
131010	27	943	<3	43	.4	4	16	478	5.30	9	<5	<2	4	38	<.2	<2	2	13	1.29	.184	14	1	.82	104	.05	<3	.63	.06	.24	3	27
131011	28	1271	<3	51	.6	3	23	553	5.59	9	5	<2	2	35	<.2	<2	<2	13	1.37	.184	14	3	.88	67	.05	<3	.71	.07	.22	2	16
131012	5	341	<3	40	.3	4	13	602	6.14	5	<5	<2	2	29	<.2	<2	<2	17	1.07	.204	15	2	.85	98	.05	<3	.79	.07	.16	3	5
131013	8	437	<3	36	.4	5	18	513	6.60	<2	<5	<2	3	29	<.2	<2	3	18	1.17	.198	15	4	.89	46	.05	<3	.65	.07	.15	3	10
131014	28	3349	<3	42	1.0	6	38	481	6.56	51	<5	<2	4	41	.2	<2	<2	17	1.47	.205	14	2	.78	17	.02	<3	.84	.03	.08	3	52
131015	15	421	<3	46	<.3	3	19	931	7.03	<2	<5	<2	3	49	<.2	<2	2	20	1.44	.224	18	<1	.83	57	.03	<3	.84	.03	.09	<2	7
131016	11	309	<3	43	.3	3	15	622	6.61	3	<5	<2	4	32	<.2	<2	<2	19	1.38	.197	16	2	.99	85	.04	<3	.68	.07	.15	2	11
131017	16	657	<3	37	.4	5	18	417	6.56	5	<5	<2	3	42	.2	<2	4	20	1.37	.187	14	3	.88	45	.04	<3	.63	.07	.20	2	17
131018	7	770	<3	75	.6	7	113	702	6.95	100	<5	<2	2	49	.3	<2	<2	17	2.02	.090	4	3	1.04	21	<.01	<3	.71	.02	.02	3	10
131019	2	119	3	32	.3	5	31	436	6.04	12	<5	<2	<2	56	<.2	<2	2	15	1.30	.099	3	2	.94	41	.03	<3	.75	.05	.18	2	5
RE 131019	2	111	<3	31	<.3	6	30	441	6.11	13	6	<2	2	56	<.2	<2	<2	15	1.31	.100	5	4	.95	43	.03	<3	.76	.05	.19	3	5
131020	4	113	<3	45	.4	4	23	832	7.44	52	5	<2	<2	47	.3	2	3	12	2.23	.101	2	<1	1.00	19	<.01	<3	.71	.02	.06	2	8
131021	8	174	<3	54	.4	4	32	845	8.05	76	<5	<2	2	50	<.2	<2	<2	14	2.09	.120	4	2	1.02	19	<.01	<3	.68	.04	.06	4	5
131022	8	152	3	45	.3	9	26	676	6.36	7	<5	<2	<2	78	<.2	<2	<2	41	1.51	.112	7	12	1.06	24	.03	<3	.63	.05	.21	3	6
131023	3	92	<3	46	<.3	5	55	713	6.17	9	5	<2	3	60	<.2	<2	<2	15	1.30	.119	10	2	.96	61	.03	<3	.55	.07	.09	2	4
131024	3	173	9	56	.6	8	25	1015	7.37	78	<5	<2	2	50	<.2	<2	5	25	2.17	.123	5	7	1.17	23	.01	<3	.44	.06	.12	3	4
131025	4	92	<3	38	.3	4	15	412	5.95	3	<5	<2	<2	43	.2	<2	<2	14	1.15	.136	5	3	1.11	43	.04	<3	.47	.08	.15	3	3
131026	16	548	<3	31	.3	21	69	318	9.99	2	<5	<2	2	49	<.2	<2	2	48	1.31	.094	4	26	1.34	13	.03	<3	.68	.07	.31	5	18
131027	6	244	<3	31	.3	8	41	279	6.47	<2	<5	<2	3	45	.2	<2	2	12	1.32	.093	3	6	.97	18	.01	<3	.35	.10	.07	4	6
131028	7	90	5	40	<.3	6	10	520	5.22	4	<5	<2	2	53	.2	<2	5	12	1.17	.115	6	5	1.13	52	.02	<3	.37	.08	.09	3	3
131029	2	89	<3	44	<.3	4	15	580	5.41	3	<5	<2	2	835	.3	2	2	13	1.06	.099	7	2	1.16	48	.02	<3	.38	.08	.06	<2	3
131030	2	152	4	50	<.3	3	64	628	5.75	3	<5	<2	4	190	.2	<2	2	11	1.16	.107	9	2	.80	29	.01	<3	.33	.08	.05	3	3
131031	6	157	4	55	.4	3	21	1095	5.26	9	<5	<2	<2	94	.2	3	<2	7	1.85	.106	8	2	1.04	41	.01	<3	.40	.07	.09	3	5
131032	11	210	26	73	.3	3	21	538	5.44	5	<5	<2	2	89	.8	<2	<2	9	2.10	.169	6	1	.95	38	.01	<3	.41	.07	.07	3	7
131033	4	208	5	62	<.3	4	19	746	6.43	2	<5	<2	2	76	.3	<2	<2	14	1.15	.172	15	2	.99	58	.02	3	.42	.09	.10	2	3
131034	1	116	5	67	<.3	3	15	860	5.96	3	<5	<2	3	57	<.2	<2	3	12	1.20	.149	13	2	.91	60	.03	<3	.33	.08	.09	3	3
STANDARD C2/AU-R	21	63	36	134	7.2	73	37	1148	4.03	41	20	8	36	51	20.5	19	23	71	.53	.107	40	60	.98	192	.07	27	1.92	.06	.14	15	460

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-100

DATE RECEIVED: FEB 24 1997 DATE REPORT MAILED: March 3/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data JV FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
131035	8	310	9	67	<.3	3	16	747	5.65	2	<5	<2	<2	70	.3	<2	<2	13	1.18	.155	11	<1	.83	53	.03	<3	.37	.09	.10	<2	18
131036	4	156	8	60	<.3	3	19	828	5.67	24	<5	<2	<2	65	<.2	<2	<2	11	1.02	.120	11	<1	.68	42	.02	<3	.30	.08	.06	3	10
131037	4	188	7	53	<.3	2	21	861	6.04	3	<5	<2	<2	64	.2	<2	3	13	1.19	.131	9	<1	.73	41	.02	<3	.32	.08	.05	<2	15
131038	3	186	<3	64	<.3	2	36	987	6.07	<2	<5	<2	2	62	<.2	<2	<2	12	1.11	.113	8	<1	.69	27	.01	<3	.29	.06	.06	2	9
131039	3	138	3	48	<.3	2	22	653	6.08	4	<5	<2	2	86	.3	<2	<2	15	1.12	.127	8	<1	.69	47	.02	<3	.33	.09	.07	2	6
131040	7	110	6	45	<.3	2	24	710	5.95	2	<5	<2	2	109	<.2	<2	<2	14	1.32	.136	12	<1	.88	46	.03	<3	.32	.08	.10	3	7
131041	8	160	<3	35	<.3	2	25	586	6.01	<2	<5	<2	2	87	<.2	<2	2	14	1.37	.132	9	2	.85	38	.02	<3	.33	.09	.07	2	8
131042	3	101	<3	42	<.3	1	38	723	6.66	2	<5	<2	<2	53	<.2	<2	<2	13	1.10	.135	6	<1	.74	28	.01	<3	.33	.06	.06	2	4
131043	5	254	<3	32	<.3	3	30	465	6.13	3	<5	<2	2	54	.3	<2	2	13	1.09	.129	5	<1	.75	20	.01	<3	.39	.07	.05	2	9
131044	2	119	3	40	<.3	3	23	619	5.73	<2	<5	<2	<2	61	<.2	<2	2	14	.91	.137	8	1	.74	41	.02	<3	.49	.07	.14	3	6
131045	2	75	4	44	<.3	2	13	683	5.79	2	<5	<2	<2	53	.2	<2	2	16	.95	.140	7	<1	.75	61	.03	<3	.50	.08	.16	<2	3
131046	3	79	3	50	<.3	3	14	719	6.18	<2	<5	<2	<2	64	.3	2	<2	14	1.22	.139	6	<1	.78	27	.01	<3	.37	.07	.07	3	4
131047	5	95	10	55	<.3	2	22	689	5.75	30	<5	<2	<2	46	<.2	2	2	13	1.13	.137	6	<1	.63	31	.01	<3	.53	.04	.07	<2	7
131048	2	89	8	62	<.3	3	22	1191	6.92	19	<5	<2	2	48	<.2	3	<2	16	1.63	.149	7	<1	.90	21	.01	<3	.87	.02	.04	<2	4
131049	11	401	4	56	<.3	8	13	473	2.65	5	<5	<2	4	60	.3	<2	4	43	1.72	.070	13	9	.77	98	.01	5	.63	.05	.19	3	12
131050	220	454	7	65	.3	8	13	582	2.90	5	5	<2	6	72	.3	<2	3	48	1.84	.061	11	12	.98	107	.02	3	.56	.04	.23	2	17
131051	145	520	4	53	.3	9	15	539	2.63	8	<5	<2	4	68	<.2	2	<2	37	1.99	.058	9	9	.94	72	<.01	5	.54	.04	.20	2	19
RE 131051	149	532	3	54	.3	9	15	545	2.68	12	<5	<2	3	71	<.2	2	2	38	2.04	.061	10	12	.96	73	<.01	4	.57	.04	.20	2	19
131052	32	456	13	102	.4	10	18	4254	3.87	37	<5	<2	5	76	.3	<2	3	36	2.22	.060	6	10	1.14	70	.01	<3	.56	.04	.25	4	21
131053	13	271	7	52	<.3	10	10	405	2.90	9	<5	<2	4	67	.3	<2	<2	53	1.74	.055	9	11	1.09	108	.02	4	.64	.05	.27	2	11
131054	40	1087	22	514	2.1	15	20	7323	5.74	152	<5	<2	<2	63	2.2	4	<2	30	2.25	.055	5	8	1.16	22	.01	<3	.53	.03	.23	3	57
131055	8	537	9	89	.5	2	15	1348	5.50	6	<5	<2	4	84	.4	<2	4	12	1.64	.153	6	<1	1.19	55	.05	<3	.68	.05	.35	<2	17
131056	15	788	<3	42	.5	2	14	460	4.94	6	<5	<2	2	79	.2	<2	<2	13	1.27	.150	6	1	.88	112	.05	<3	.62	.06	.29	3	29
131057	8	589	8	41	<.3	3	12	302	5.94	<2	<5	<2	2	55	<.2	<2	<2	13	1.06	.164	7	<1	.84	160	.06	<3	.62	.06	.31	2	13
131058	12	588	4	34	<.3	3	12	245	5.70	2	<5	<2	2	62	<.2	<2	<2	12	1.29	.158	7	1	.89	84	.04	<3	.62	.06	.29	3	14
131059	14	1202	10	55	.7	3	13	806	5.29	86	<5	<2	2	41	.2	<2	<2	11	1.69	.158	6	<1	1.05	79	.02	<3	.52	.05	.18	<2	38
131060	22	796	<3	46	.4	2	17	328	5.28	14	<5	<2	<2	53	.4	<2	3	13	1.39	.157	8	<1	1.04	116	.06	<3	.58	.06	.29	4	21
131061	11	692	6	45	.5	4	13	385	5.70	11	<5	<2	3	66	<.2	<2	<2	15	1.45	.169	8	2	.91	156	.05	<3	.62	.08	.28	3	15
131062	6	440	<3	37	<.3	3	13	406	5.93	3	<5	<2	3	54	<.2	<2	2	15	1.19	.181	13	<1	.80	101	.04	<3	.51	.08	.19	4	12
131063	25	618	5	43	.3	3	13	357	5.67	5	<5	<2	2	52	<.2	<2	3	15	1.09	.160	12	<1	.83	173	.06	<3	.59	.07	.27	2	17
131064	15	1667	3	45	.5	5	18	352	5.66	4	<5	<2	2	54	<.2	<2	<2	18	1.26	.157	9	<1	.91	94	.03	<3	.48	.06	.20	2	40
134039	15	975	7	94	.5	2	20	887	5.08	8	<5	<2	3	48	<.2	<2	<2	10	1.41	.151	5	<1	1.00	73	.02	<3	.55	.06	.20	2	20
134040	6	383	11	98	<.3	2	11	1529	5.33	5	<5	<2	4	36	<.2	2	<2	11	1.46	.170	9	<1	.93	124	.02	<3	.52	.05	.17	2	8
134041	3	605	6	65	<.3	4	23	621	6.39	7	<5	<2	2	48	<.2	<2	<2	11	1.44	.140	9	<1	.88	67	.02	<3	.45	.07	.11	<2	17
134042	13	2262	<3	68	.8	3	59	737	6.93	10	<5	<2	2	705	.3	<2	3	11	1.48	.153	9	<1	.86	71	.04	<3	.51	.06	.19	2	96
STANDARD C2/AU-R	22	60	41	128	7.2	74	37	1136	3.97	44	24	7	38	51	20.9	18	20	72	.53	.106	41	60	.97	192	.08	27	1.91	.06	.13	15	467

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

97-100

DDH 97-100

Data ✓ FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
134043	22	1436	<3	59	<.3	5	57	590	13.31	<2	<5	<2	<2	497	<.2	<2	3	14	1.19	.125	7	<1	.84	24	.02	<3	.40	.07	.12	4	32
134044	17	711	<3	70	<.3	3	15	741	5.66	<2	<5	<2	4	55	<.2	<2	<2	13	1.13	.170	13	2	.87	99	.06	<3	.58	.08	.26	5	17
134045	13	281	<3	62	<.3	2	13	770	5.98	4	<5	<2	3	43	<.2	<2	2	14	1.16	.188	12	<1	.85	61	.06	<3	.66	.07	.25	2	7
134046	30	818	<3	50	<.3	4	15	581	5.25	8	<5	<2	<2	41	.2	<2	<2	13	1.20	.174	12	1	.66	26	.03	<3	.50	.07	.17	3	18
134047	23	724	<3	50	<.3	3	15	588	5.72	4	<5	<2	<2	45	<.2	<2	<2	14	1.10	.180	12	<1	.73	121	.05	<3	.59	.07	.21	2	13
134048	36	517	<3	51	<.3	2	15	644	5.93	3	6	<2	2	131	<.2	<2	2	14	.91	.184	15	<1	.86	94	.06	<3	.59	.06	.19	3	9
RE 134048	40	549	<3	55	<.3	2	16	686	6.38	4	<5	<2	2	139	<.2	<2	<2	15	.98	.197	15	<1	.92	100	.06	<3	.63	.07	.21	3	11
134049	22	627	<3	55	<.3	3	25	515	6.12	<2	<5	<2	3	871	<.2	<2	2	13	1.34	.183	14	<1	.75	97	.05	<3	.53	.07	.20	2	9
134050	29	914	3	49	<.3	3	20	447	5.57	5	<5	<2	<2	55	<.2	<2	<2	14	1.17	.160	7	<1	.71	61	.03	<3	.46	.06	.13	4	14

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH. 97-100

Data 4 FA ___

Hole No. 97-101
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AC#s: 97-0796 97-1463.
97-0797

Location: 98459 - 100359N	BOOKER GOLD EXPLORATIONS LTD.		Hole No: 97-101
Azimuth: 112° E	Dips - collar -75 °	Contractor: J.T.T.	Property: Hanna Hill
Elevation:	- 987' m -74 °	Logged by: G.C.	Claim No. Hanna 1
Length: 302.7m	- m °	Date: Feb. 16/97	Section No.
Core size: NQ	- m °		Started: Feb. 13/97
Purpose: To determine if Pg mineralization is replaced by Cpy at depth above. Blank Zone			Completed: Feb. 16/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		Core logged after split													
0	5.6	CASING													
		- FeOx, BFP rubble													
									131049	5.2	8.2	401	12	<.3	11
5.6	22.4	QBFP	5.6	22.4	Phyllic alt'n. w/ Pervas.	1-3	~45°	Py, Cal., Qtz.							
		- lt. to med. grey w/			- Py 2-10%, f.g. disc.		(vary)		050	8.2	11.3	454	17	.3	220
		large euhedral Fspar porph.			and along veinlets			- Abundance inc.							
		- porph. textures locally			- F'spar'o aqua-green /			w/ depth.	051	11.3	14.3	532	19	.3	149
		obliterated			white, mod-heavy										
		- Qtz-Py veining b/w 2-10%			clay-sericitic alt'n				052	14.3	17.4	456	21	.4	32
		- Bio'e, 1 - 3cm, most			- occ. Chl. alt'd veins										
		grey-brown, occ. veins			- Tr. blebs of Cp.				053	17.4	20.4	271	11	<.3	13
		w/ fresh black bio's													
		- occ. orange ham. staining													
		of matrix													
		19.1 - 19.5 - F.g. mafic,							054	20.4	23.5	1087	57	2.1	40
		ham. rich, veined Xeno.													
		- lower contact f. sharp,													

clearly bounded by abundant veinlets (Py) at ~45° to C.A.

Hole No. 97-101
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
22.4	54.0	ANDESITIC HORNFELS													
		- may have been formerly			- Py along fract's and	2-3	Vary	Hem, Mag, Py	1310=5	23.5	26.5	537	17	.5	8
		tuned micro-Diorite			veinlets, tr. Cp.	2-3	Vary	Py	056	26.5	29.6	788	29	.5	15
		- ~20% f.g. (<.1cm)							057	29.6	32.6	589	13	<.3	8
		F'spar porph.			- Mod Phyllic alt'n,				058	32.6	35.6	588	14	<.3	12
		- matrix is dk. grey w/			F'spar sericitized.				059	35.6	38.7	1202	38	.7	14
		occ. bleached white sericite							060	38.7	41.8	796	21	.4	22
					- sericite w/ disc. Hem in				061	41.8	44.8	692	15	.5	11
		- sericite w/ f.g. porph.			matrix	5-15	~35°	Py, Carb,	062	44.8	47.9	440	12	<.3	6
		mafics (bio) ~5% and				(at 26.0m)		Qtz, Hem,	063	47.9	50.9	618	17	.3	25
		F.g. soft (alt'd) ~10% F'spar			- At 51.7m, 3cm wide										
					Py, Qtz, Cp vein at ~40° to c.a.										
		52.5 - 53.8 Bleached,							064	50.9	53.9	1667	40	.5	15
		Phyllic, clay-sericite alt'd													
		BFP dyke, u.c. - gradational,													
		l.c. - sharp at 45° to c.a.													
									065	53.9	57.0	1518	70	.4	7
54.0	84.6	BFP	54.0		- Fresh - Propylitic alt'n?	3-7	~30	Py, Carb.	066	57.0	60.0	1022	51	.5	6
		Dk. grey, w/ fg-md.			- dk. grey w/ clay-sericite				067	60.0	63.1	1265	51	.4	5
		subeduel white f'spar's			alt'd F'spar porph and				068	63.1	66.1	1118	59	.7	19
		(20-30%), Bio's black			abundant black bio, minor				069	66.1	69.2	1362	51	.8	7
		subeduel, .1-.3cm (5-15%)			2nd bio.				070	69.2	72.2	1105	33	.7	8
		occ. f'spars have green tinge			- minor Seric., <1% disc.				071	72.2	75.3	1161	62	.5	5
					Py, tr. Cp as blebs.				072	75.3	78.3	1171	51	.8	8
		- Occ. bleached white seric.,							073	78.3	81.4	1249	77	.6	6
		soft - clay alt'd.							074	81.4	84.4	1463	68	.9	6

Hole No. 97-101
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		BFP cont.													
		Occ. f.g. mafic carbonate			- Inc. diss Cpy w/depth,										
		rich xeno (80.5 m)			<< 1%.										
		- l.c. sharp at ~25° to c.a													
								131	075	84.4	87.5	653	28	.4	5
84.6	92.4	BLEACHED HORNFELSED ANDESITE/Rhyodacite.				2-5	Vary	Hem, Py, Calc.							
		- formerly termed Rhyodacite	84.6		- Occ. thick Py along										
		- lt. grey to white, f.g.			fract's, tr. Cpy										
		w/ numerous Hem. veinlets			- Propylitic clay-seric alt'n.										
									076	87.5	90.5	180	8	.3	2
	+	87.6 – 91.8 Mafic f.g.													
		dyke, w f.g. chloritized													
		plag. and occ'n w/ hornblende,													
		few CaCO3 amygdules.													
		L.C. sharp ~ 70° to c.a.													
		- l.c. faint sharp ~70° to c.a							077	90.5	93.6	566	22	.3	3
92.4	100.9	BFP	92.4		- Propylitic alt'n	1-3	5-30	Py, Hem							
		Lt.-med. grey w/ ~20%			- clay-seric-chl alt'n	(abundant)			078	93.6	96.9	527	17	.4	16
		sub-hedral, green-white, f.g.			of f'spar	in fault									
		f'spar, ~5% euhedral			- f.g. diss. Py & Cpy										
		< 2 cm black bio.			<< 1%.										
93.9	100.9	FAULT							079	96.9	99.7	379	16	<.3	6
		- Intensely fract'd BFP							080	99.7	102.7	398	22	.6	5

and hornfelsed And, rubble
- fract's at varying angles to c.a.

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
100.9	102.4	- MAFIC DYKE													
		- U.C. at 30° to C.A.				1-2	Vary	Calc.							
		- Same composition as above dyke, calcite amygdules more abundant													
		- L.C. sharp at ~70° to C.A.													
102.4	302.7	BLEACHED HORNFELSED ANDESITE/PORPHYRY							081	102.7	105.8	1873	187	1.1	8
		- Similar to above And./Phyd.	103.8	104.8	- Thick (2cm) Cpy - Py - Calc. vein at ~20° to C.A.										
		- red. - grey to lt. grey bleached w/lite							082	105.8	108.8	690	14	.5	17
					- Py along fract. contacts				083	108.8	111.9	487	23	.3	6
		107.1 - 111.8	113.1						084	111.9	114.9	1005	67	.5	8
		- Darker grey sec's w/ abundant Hem. veining			- Sec'n w/ Cpy, Py, Cal. smeared along fract's	1-3	Vary (abundant)	Hem	085	114.9	118.0	1005	21	.4	8
									086	118.0	121.0	591	14	.4	10
									087	121.0	124.1	446	15	<.3	6
					- Occ. Cal. staining of matrix				088	124.1	127.1	877	15	.8	7
									089	127.1	130.1	2188	217	.7	21
			122.0		- Tr. visible Sec. Cpy				090	130.1	133.2	1358	37	1.2	23
		136.7 - 137.1				10-50 (at 133.5m)	3°	Qtz, Py	091	133.2	136.2	1439	44	.3	19
		- DK. green Cal. dyke, L.C. ~ 70° to C.A.							092	136.2	139.3	1513	51	.5	12
		137.1 - 138.0													
		- Propylytic alt'd BFP dyke, L.C. 40° to C.A.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		AND./RHYOL. (CONT.)													
		- occ. Hem. staining of matrix			- Cpy ± Py primarily along	1-3	Vary	Py	093	139.3	142.3	2638	68	.8	23
					fract's and veinlets 2<1%	1-2	Vary	Hem.							
		142.1 - 148.6	142.1	148.6	- Inc. Py, tr. visible				094	142.3	145.4	5302	177	1.6	19
		- Py - Hem stockwork veining			chlor. Cpy				095	145.4	148.4	3173	61	.8	15
									096	148.4	151.5	1163	32	.6	12
		147.6 - 156.8							097	151.5	154.5	812	19	.4	20
		- matrix darkens to med.-gray							098	154.5	157.6	1014	30	.5	32
									099	157.6	160.6	968	28	.5	17
		156.8 - 165.1	156.8		Clay - Py along fract'				131100	160.6	165.2	1180	28	.5	75
		- clay rich, poorly competent core, possibly a fault.			surfaces.				131101	165.2	168.2	1238	51	.8	31
									202	168.2	169.8	1117	36	.5	38
									203	169.8	172.8	1406	46	.5	12
					- Tr. Py - Cpy along				204	172.8	175.9	1057	25	.6	29
		- Ard/Rhyolite is mottled			Fract's and veinlets w/	3-15	3-20°	Py	205	175.9	178.9	776	24	.4	22
		in occ's (micro-porphyritic) throughout			Clay staining on periphery	10-15	15° (75.9m)	Py > Py	206	178.9	182.1	2442	68	1.2	44
						Cut			207	182.1	185.0	1215	34	.6	53
		- Semi w/ speckled Hem.			- Tr. Cpy, upto 5% Py				208	185.0	188.1	1142	22	.9	22
					along veinlets at (207.9)				209	188.1	191.1	1421	48	.6	51
									210	191.1	194.2	1193	29	.6	53
		217.2 - 227.4							211	194.2	197.2	987	21	.6	76
		- Mafic component inc., unit	222.9	228.8	- Intense clay alt'd (crumbly)	3-7	Vary	Py (massive, fine-grained)	212	197.2	200.3	676	17	.5	60
		darkens to a med.' gray.			occ's.				213	200.3	202.4	1130	28	.8	20
									214	202.4	205.1	1047	26	.9	22
						2-4	Vary	Mag., Hem.	215	205.1	207.9	1780	35	.8	41
									216	207.9	209.4	2328	42	1.3	47

Hole No. 97-101
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		AND./RHYOD. (CONT.)						
		239.6 -			- Py accumulations along			
		- Unit varies b/w dk.			fract. surfaces, tr. Cp.			
		grey to lt. grey - bleached			- Diss. Py upto 3%.	1-4	Vary	Hem, Mag
		even short intervals	248.1	248.3	- Qtz. (Chlorite), Py	1-4	Vary	Py
					vein.			
		249.0 - 259.6						
		- Fg. porphyritic texture	264.1		- Int. Cpy along veinlets, ea. 1%			
		developing, w/ white f'spar				2-10	5-20°	Py, Qtz,
		upto 20%, < .2cm.						tr. Cpy
		272.2 - 277.9	277.2	277.9	- Blebs of Cpy & Py, ass.			
		- Qtz rich zones, 3-			w/ Qtz veining			
		30cm thick Qtz. at						
		30° to C.A.	277.9	278.7	- Hem - Mag. upto 20%, ass			
		- Silicification throughout			fragmented massive veinlets,			
		277.9 -			w/ ~ 5% Py.			
		- Mafic comp. intr. unit						
		darkens to a dk - med. grey						
		288.8 -				3-5	0-10°	Hem, Mag
		- Speckled Hem throughout						
		293.1 -	293.1		- fragmental veins, Qtz,			
		- 30cm brecciated vein system			Py, Cp at ~ 30° to C.A.			
		- Bleached, silicified, lt.			- Py - Chl - Hem - Mag - Silica -			
		to dk. grey to E.O.H. (302.7m)			veining to EOH			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
134717	209.4	212.4	967	21	.4	35
718		215.5	1039	19	.5	57
719		218.5	707	11	<.3	16
720		221.6	603	13	.3	19
721		224.6	655	9	<.3	11
722		227.6	631	15	.4	17
723		230.7	1153	21	.6	38
724		233.8	621	15	<.3	17
725		236.8	1268	33	<.3	34
726		239.9	1232	34	1.0	39
727		242.9	685	18	.4	33
728		246.0	879	21	.5	22
729		249.0	755	16	.5	23
730		252.1	628	11	.6	13
731		255.1	791	14	.7	19
732		258.2	621	9	.5	12
733		261.2	1002	19	.4	27
734		264.3	1089	15	.5	11
735		267.3	1377	26	.4	31
736		270.4	1099	15	.4	18
737		273.4	1287	17	.8	24
738		277.1	2027	25	1.5	65
739		279.5	2492	70	.8	53
740		282.5	372	10	<.3	6
741		285.6	708	16	.4	15
742		288.6	309	9	.4	26
743		291.7	379	11	.4	5
744		294.7	1926	387	1.6	21
745		297.8	784	18	.5	9
746		300.8	830	20	.7	23
747		302.7	798	13	.5	17

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-0796

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
131035	8	310	9	67	<.3	3	16	747	5.65	2	<5	<2	<2	70	.3	<2	<2	13	1.18	.155	11	<1	.83	53	.03	<3	.37	.09	.10	<2	18
131036	4	156	8	60	<.3	3	19	828	5.67	24	<5	<2	<2	65	<.2	<2	<2	11	1.02	.120	11	<1	.68	42	.02	<3	.30	.08	.06	3	10
131037	4	188	7	53	<.3	2	21	861	6.04	3	<5	<2	<2	64	.2	<2	3	13	1.19	.131	9	<1	.73	41	.02	<3	.32	.08	.05	<2	15
131038	3	186	<3	64	<.3	2	36	987	6.07	<2	<5	<2	2	62	<.2	<2	<2	12	1.11	.113	8	<1	.69	27	.01	<3	.29	.06	.06	2	9
131039	3	138	3	48	<.3	2	22	653	6.08	4	<5	<2	2	86	.3	<2	<2	15	1.12	.127	8	<1	.69	47	.02	<3	.33	.09	.07	2	6
131040	7	110	6	45	<.3	2	24	710	5.95	2	<5	<2	2	109	<.2	<2	<2	14	1.32	.136	12	<1	.88	46	.03	<3	.32	.08	.10	3	7
131041	8	160	<3	35	<.3	2	25	586	6.01	<2	<5	<2	2	87	<.2	<2	2	14	1.37	.132	9	2	.85	38	.02	<3	.33	.09	.07	2	8
131042	3	101	<3	42	<.3	1	38	723	6.66	2	<5	<2	<2	53	<.2	<2	2	13	1.10	.135	6	<1	.74	28	.01	<3	.33	.06	.06	2	4
131043	5	254	<3	32	<.3	3	30	465	6.13	3	<5	<2	2	54	.3	<2	2	13	1.09	.129	5	<1	.75	20	.01	<3	.39	.07	.05	2	9
131044	2	119	3	40	<.3	3	23	619	5.73	<2	<5	<2	<2	61	<.2	<2	2	14	.91	.137	8	1	.74	41	.02	<3	.49	.07	.14	3	6
131045	2	75	4	44	<.3	2	13	683	5.79	2	<5	<2	<2	53	.2	<2	2	16	.95	.140	7	<1	.75	61	.03	<3	.50	.08	.16	<2	3
131046	3	79	3	50	<.3	3	14	719	6.18	<2	<5	<2	<2	64	.3	2	<2	14	1.22	.139	6	<1	.78	27	.01	<3	.37	.07	.07	3	4
131047	5	95	10	55	<.3	2	22	689	5.75	30	<5	<2	<2	46	<.2	2	2	13	1.13	.137	6	<1	.63	31	.01	<3	.53	.04	.07	<2	7
131048	2	89	8	62	<.3	3	22	1191	6.92	19	<5	<2	2	48	<.2	3	<2	16	1.63	.149	7	<1	.90	21	.01	<3	.87	.02	.04	<2	4
131049	11	401	4	56	<.3	8	13	473	2.65	5	<5	<2	4	60	.3	<2	4	43	1.72	.070	13	9	.77	98	.01	5	.63	.05	.19	3	12
131050	220	454	7	65	.3	8	13	582	2.90	5	5	<2	6	72	.3	<2	3	48	1.84	.061	11	12	.98	107	.02	3	.56	.04	.23	2	17
131051	145	520	4	53	.3	9	15	539	2.63	8	<5	<2	4	68	<.2	2	<2	37	1.99	.058	9	9	.94	72	<.01	5	.54	.04	.20	2	19
RE 131051	149	532	3	54	.3	9	15	545	2.68	12	<5	<2	3	71	<.2	2	2	38	2.04	.061	10	12	.96	73	<.01	4	.57	.04	.20	2	19
131052	32	456	13	102	.4	10	18	4254	3.87	37	<5	<2	5	76	.3	<2	3	36	2.22	.060	6	10	1.14	70	.01	<3	.56	.04	.25	4	21
131053	13	271	7	52	<.3	10	10	405	2.90	9	<5	<2	4	67	.3	<2	<2	53	1.74	.055	9	11	1.09	108	.02	4	.64	.05	.27	2	11
131054	40	1087	22	514	2.1	15	20	7323	5.74	152	<5	<2	<2	63	2.2	4	<2	30	2.25	.055	5	8	1.16	22	.01	<3	.53	.03	.23	3	57
131055	8	537	9	89	.5	2	15	1348	5.50	6	<5	<2	4	84	.4	<2	4	12	1.64	.153	6	<1	1.19	55	.05	<3	.68	.05	.35	<2	17
131056	15	788	<3	42	.5	2	14	460	4.94	6	<5	<2	2	79	.2	<2	<2	13	1.27	.150	6	1	.88	112	.05	<3	.62	.06	.29	3	29
131057	8	589	8	41	<.3	3	12	302	5.94	<2	<5	<2	2	55	<.2	<2	<2	13	1.06	.164	7	<1	.84	160	.06	<3	.62	.06	.31	2	13
131058	12	588	4	34	<.3	3	12	245	5.70	2	<5	<2	2	62	<.2	<2	<2	12	1.29	.158	7	1	.89	84	.04	<3	.62	.06	.29	3	14
131059	14	1202	10	55	.7	3	13	806	5.29	86	<5	<2	2	41	.2	<2	<2	11	1.69	.158	6	<1	1.05	79	.02	<3	.52	.05	.18	<2	38
131060	22	796	<3	46	.4	2	17	328	5.28	14	<5	<2	<2	53	.4	<2	3	13	1.39	.157	8	<1	1.04	116	.06	<3	.58	.06	.29	4	21
131061	11	692	6	45	.5	4	13	385	5.70	11	<5	<2	3	66	<.2	<2	<2	15	1.45	.169	8	2	.91	156	.05	<3	.62	.08	.28	3	15
131062	6	440	<3	37	<.3	3	13	406	5.93	3	<5	<2	3	54	<.2	<2	2	15	1.19	.181	13	<1	.80	101	.04	<3	.51	.08	.19	4	12
131063	25	618	5	43	.3	3	13	357	5.67	5	<5	<2	2	52	<.2	<2	3	15	1.09	.160	12	<1	.83	173	.06	<3	.59	.07	.27	2	17
131064	15	1667	3	45	.5	5	18	352	5.66	4	<5	<2	2	54	<.2	<2	<2	18	1.26	.157	9	<1	.91	94	.03	<3	.48	.06	.20	2	40
134039	15	975	7	94	.5	2	20	887	5.08	8	<5	<2	3	48	<.2	<2	<2	10	1.41	.151	5	<1	1.00	73	.02	<3	.55	.06	.20	2	20
134040	6	383	11	98	<.3	2	11	1529	5.33	5	<5	<2	4	36	<.2	2	<2	11	1.46	.170	9	<1	.93	124	.02	<3	.52	.05	.17	2	8
134041	3	605	6	65	<.3	4	23	621	6.39	7	<5	<2	2	48	<.2	<2	<2	11	1.44	.140	9	<1	.88	67	.02	<3	.45	.07	.11	<2	17
134042	13	2262	<3	68	.8	3	59	737	6.93	10	<5	<2	2	705	.3	<2	3	11	1.48	.153	9	<1	.86	71	.04	<3	.51	.06	.19	2	96
STANDARD C2/AU-R	22	60	41	128	7.2	74	37	1136	3.97	44	24	7	38	51	20.9	18	20	72	.53	.106	41	60	.97	192	.08	27	1.91	.06	.13	15	467

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-100

Data f FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-0797 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
131066	6	1022	8	58	.5	18	12	379	4.13	7	5	<2	3	95	.3	<2	<2	50	1.84	.115	9	21	1.15	224	.05	<3	.69	.08	.28	<2	51
131068	19	1118	5	59	.7	19	15	266	4.24	6	<5	<2	4	114	<.2	<2	2	49	1.78	.110	8	23	1.11	130	.04	<3	.63	.08	.23	2	59
131070	8	1105	<3	59	.7	19	19	415	4.47	23	<5	<2	4	69	<.2	<2	<2	45	2.05	.124	7	21	1.05	73	.01	<3	.55	.05	.18	<2	33
131072	8	1171	3	55	.8	20	18	422	4.66	53	<5	<2	5	74	<.2	<2	2	49	1.83	.121	10	22	1.13	93	.03	<3	.57	.05	.20	<2	51
131074	6	1463	<3	70	.9	20	15	606	4.58	9	<5	<2	4	76	<.2	<2	2	48	1.94	.120	10	22	1.19	219	.03	<3	.66	.06	.24	<2	68
131076	2	180	5	94	.3	36	18	800	4.41	6	<5	<2	2	215	.3	<2	<2	116	3.13	.135	12	66	1.73	105	.06	<3	1.59	.21	.10	<2	8
131078	16	527	5	42	.4	8	10	446	3.86	7	<5	<2	3	25	<.2	2	2	19	1.08	.108	6	11	1.15	102	.08	<3	.60	.10	.25	2	17
131080	5	398	10	107	.6	33	34	826	5.06	18	<5	<2	3	304	<.2	<2	<2	91	3.10	.140	11	57	2.02	158	.03	<3	1.30	.08	.09	<2	22
131082	17	690	<3	39	.5	4	16	441	5.26	7	<5	<2	2	34	<.2	<2	<2	12	1.32	.136	10	3	.89	57	.03	<3	.39	.09	.09	<2	14
131084	8	1005	7	61	.5	4	10	316	3.83	9	<5	<2	2	46	<.2	<2	<2	12	1.07	.071	4	6	1.04	123	.03	<3	.45	.09	.12	2	67
131086	10	591	5	41	.4	3	7	225	2.11	4	<5	<2	2	21	<.2	<2	<2	4	.63	.006	1	5	.53	36	.01	4	.35	.08	.07	2	14
131088	7	877	<3	16	.8	5	6	536	1.81	<2	<5	<2	<2	30	<.2	<2	<2	3	.81	<.001	<1	8	.38	45	.01	3	.32	.08	.07	4	15
131090	23	1358	<3	24	1.2	7	20	667	2.67	53	<5	<2	<2	30	<.2	3	<2	1	.82	<.001	1	6	.36	29	<.01	<3	.35	.06	.08	<2	37
131092	12	1513	3	39	.5	26	17	240	4.07	7	<5	<2	3	64	<.2	<2	<2	47	1.37	.053	5	53	1.10	67	.04	<3	.67	.06	.24	2	51
131094	19	5302	<3	32	1.6	7	21	317	5.42	258	<5	<2	2	59	<.2	<2	3	12	1.92	.082	5	2	1.00	23	.01	<3	.49	.06	.06	<2	177
131096	12	1163	<3	34	.6	4	19	305	5.83	8	<5	<2	3	48	.2	<2	2	16	1.03	.173	8	4	.74	102	.02	<3	.43	.08	.09	3	32
131098	32	1014	<3	45	.5	12	13	384	4.39	10	6	<2	4	72	<.2	<2	2	31	1.60	.141	8	14	1.00	71	.03	<3	.66	.05	.15	<2	30
131100	75	1180	<3	39	.5	21	15	605	5.55	59	<5	<2	2	69	<.2	<2	5	37	1.48	.122	6	41	1.23	45	.04	<3	.86	.04	.21	2	28
134702	38	1117	<3	33	.5	4	20	311	5.17	7	<5	<2	2	89	<.2	2	4	14	1.24	.111	5	1	.81	69	.02	<3	.53	.07	.12	3	36
134704	29	1057	6	73	.6	2	14	772	5.66	56	<5	<2	<2	49	.2	3	<2	16	1.27	.184	9	2	.83	59	.02	<3	.56	.04	.06	2	25
134706	44	2442	<3	41	1.2	4	23	474	5.71	55	<5	<2	2	70	<.2	<2	2	13	1.62	.140	9	<1	.87	42	.01	<3	.45	.06	.08	<2	68
134708	22	1142	3	45	.9	4	14	677	5.13	15	<5	<2	<2	77	<.2	<2	<2	13	1.30	.119	6	1	.86	100	.01	<3	.44	.06	.09	4	22
134710	53	1193	<3	37	.6	3	20	258	4.66	7	<5	<2	3	64	.3	2	<2	11	1.10	.091	5	1	.86	47	.01	<3	.41	.07	.07	2	29
RE 134710	51	1159	<3	47	.4	3	19	249	4.51	4	5	<2	4	62	<.2	<2	<2	11	1.07	.089	5	<1	.83	46	.01	<3	.40	.07	.07	<2	28
134712	60	676	<3	50	.5	6	13	760	4.88	4	<5	<2	<2	54	<.2	<2	<2	14	1.26	.128	6	9	.85	32	.01	<3	.44	.06	.09	3	17
134714	22	1047	<3	50	.9	3	14	894	4.32	13	<5	<2	2	50	.2	<2	<2	11	1.19	.113	5	3	.75	24	.01	<3	.56	.06	.08	2	26
134716	47	2328	5	49	1.3	4	17	750	5.03	237	<5	<2	2	65	<.2	<2	2	12	1.69	.105	5	<1	.88	27	.01	<3	.52	.03	.07	2	42
134718	57	1039	<3	35	.5	4	16	536	4.90	8	<5	<2	2	47	<.2	<2	3	13	1.05	.149	7	1	.71	35	.02	<3	.65	.06	.12	<2	19
134720	19	603	<3	42	.3	4	16	601	5.34	5	<5	<2	3	34	<.2	<2	<2	13	1.08	.166	11	4	.83	53	.05	<3	.54	.07	.19	4	13
134722	17	631	<3	45	.4	4	15	634	4.86	7	<5	<2	3	42	<.2	<2	<2	13	1.04	.162	13	1	.90	113	.06	<3	.67	.08	.24	2	15
134724	17	621	9	32	<.3	3	20	569	2.96	13	8	<2	<2	30	<.2	<2	2	4	.59	.003	<1	7	.39	31	<.01	<3	.27	.08	.08	4	15
134726	39	1232	<3	41	1.0	4	21	693	4.86	3	<5	<2	3	80	<.2	<2	<2	13	1.41	.137	7	2	.68	48	.01	<3	.38	.08	.07	2	34
134728	22	879	5	49	.5	3	16	579	4.96	6	<5	<2	2	54	<.2	<2	<2	12	1.16	.163	10	2	.64	72	.02	<3	.40	.07	.09	3	21
134730	13	628	6	65	.6	2	22	1150	5.75	8	<5	<2	2	62	<.2	<2	<2	12	1.57	.183	9	1	.95	92	.03	<3	.58	.06	.20	2	11
134732	12	621	<3	43	.5	3	18	501	5.07	8	<5	<2	2	84	<.2	<2	<2	12	1.24	.185	11	4	.81	126	.06	<3	.62	.08	.28	4	9
STANDARD C2/AU-R	20	58	34	131	6.7	72	36	1108	3.83	43	20	8	36	50	19.9	19	18	70	.51	.102	38	57	.94	187	.07	26	1.85	.06	.13	14	458

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DRH. 97-101

DATE RECEIVED: FEB 24 1997 DATE REPORT MAILED: March 3/97 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
134734	11	1089	<3	50	.5	3	12	590	5.21	4	<5	<2	<2	122	<.2	<2	<2	13	.95	.182	11	<1	.86	129	.07	<3	.72	.09	.36	<2	15
134735	31	1377	4	50	.4	4	16	567	4.18	3	<5	<2	2	60	.3	<2	<2	12	1.19	.177	13	4	.68	79	.04	<3	.54	.09	.19	2	26
134736	18	1099	5	50	.4	4	18	596	4.85	5	<5	<2	2	108	.2	<2	<2	14	.82	.165	13	3	.93	147	.11	<3	.74	.11	.39	<2	15
134737	24	1287	4	52	.8	4	15	1125	4.46	4	<5	<2	2	325	<.2	<2	2	12	1.12	.167	11	2	.91	124	.06	<3	.57	.08	.27	2	17
134738	65	2027	3	50	1.5	5	12	1465	4.17	4	<5	<2	4	259	.3	2	<2	12	1.26	.159	12	4	.83	120	.04	<3	.58	.09	.24	<2	25
134739	53	2992	<3	47	.8	6	69	445	8.70	7	<5	<2	2	676	<.2	<2	<2	12	1.16	.112	12	<1	.97	44	.04	<3	.53	.07	.23	3	70
134740	6	372	<3	50	<.3	4	24	548	5.56	<2	<5	<2	3	799	<.2	2	2	13	.90	.168	14	2	1.03	96	.07	<3	.69	.09	.34	<2	10
134741	15	708	6	68	.4	14	19	666	5.31	3	<5	<2	2	288	<.2	<2	2	27	1.22	.167	14	18	1.03	75	.05	<3	.63	.07	.31	2	16
134742	26	309	<3	58	.4	32	24	930	6.61	2	<5	<2	3	573	<.2	<2	<2	74	1.55	.130	10	75	1.70	118	.08	<3	1.31	.12	.49	<2	9
134743	5	379	<3	61	.4	9	15	1167	5.39	6	<5	<2	<2	69	<.2	<2	<2	22	1.65	.126	9	6	1.14	86	.03	<3	.54	.08	.17	2	11
134744	21	1926	8	91	1.6	8	60	1243	5.60	147	<5	<2	2	89	.7	2	2	16	3.10	.098	7	<1	1.14	29	.01	<3	.56	.04	.11	<2	382
134745	9	784	3	53	.5	24	39	740	6.73	3	<5	<2	3	116	<.2	2	<2	35	1.66	.199	20	22	1.00	31	.02	<3	.61	.05	.15	<2	18
134746	23	830	<3	50	.7	9	24	755	4.98	6	<5	<2	3	82	<.2	2	<2	16	1.60	.137	11	7	.88	69	.03	<3	.48	.08	.11	<2	20
134747	17	798	<3	55	.5	4	33	635	5.60	5	<5	<2	3	75	<.2	<2	3	12	1.27	.145	15	6	.98	42	.03	<3	.43	.06	.14	<2	13
134748	47	333	8	95	.5	10	17	1612	3.74	47	<5	<2	6	51	.3	2	<2	30	2.10	.057	7	10	1.05	60	<.01	<3	.76	.04	.25	3	17
134749	35	431	6	69	<.3	8	12	669	2.76	15	<5	<2	6	53	<.2	<2	2	40	1.60	.060	9	9	.92	102	.01	3	.58	.05	.23	2	11
134750	20	350	3	77	.6	9	14	877	2.66	17	<5	<2	3	60	<.2	<2	2	34	1.89	.056	9	12	1.02	98	.01	3	.65	.05	.27	2	11
134751	116	534	10	94	.5	11	18	1433	3.16	43	<5	<2	6	55	<.2	2	2	23	2.09	.041	6	10	1.01	42	<.01	<3	.52	.04	.22	4	18
134752	62	1859	11	279	1.3	11	24	1967	5.72	73	<5	<2	2	118	1.5	2	<2	21	2.85	.081	5	1	1.33	29	.01	<3	.62	.05	.21	<2	42
134753	9	716	6	56	.4	3	13	334	5.60	4	<5	<2	2	57	<.2	2	<2	14	1.23	.157	7	<1	.94	126	.05	<3	.63	.06	.28	2	19
134754	8	469	5	74	.9	5	15	1473	6.22	74	<5	<2	3	70	.2	3	<2	13	1.80	.150	5	<1	1.12	46	.04	<3	.73	.06	.30	2	18
134755	9	1089	<3	56	.7	4	17	415	5.45	9	<5	<2	4	70	<.2	<2	5	13	1.35	.148	7	1	1.04	110	.06	<3	.67	.06	.31	3	20
134756	7	515	5	61	.9	9	22	803	5.50	90	<5	<2	2	69	.2	3	3	11	2.52	.134	5	<1	1.18	35	.02	<3	.77	.04	.19	<2	17
134757	7	591	<3	40	.5	3	15	306	5.52	7	<5	<2	3	39	<.2	2	<2	15	1.16	.159	9	<1	.84	141	.05	<3	.54	.06	.24	2	14
RE 134757	5	603	<3	40	.4	3	15	304	5.50	5	<5	<2	2	39	<.2	<2	3	14	1.16	.159	9	2	.84	142	.05	<3	.53	.06	.23	2	15
134758	6	541	3	44	.4	5	16	450	5.63	33	<5	<2	2	32	.2	<2	2	13	1.52	.162	9	1	.90	85	.04	<3	.64	.05	.22	2	17
134759	4	1646	<3	40	1.0	5	13	494	5.36	7	<5	<2	4	38	<.2	<2	<2	18	1.29	.163	12	3	.89	227	.04	<3	.65	.06	.19	2	55
134760	14	1286	3	41	.7	6	14	369	5.31	4	<5	<2	2	45	<.2	<2	<2	19	1.37	.148	10	2	.91	161	.05	<3	.56	.07	.23	<2	48
134761	3	1362	<3	38	.6	5	14	455	5.27	3	<5	<2	3	2204	<.2	2	2	16	1.28	.162	13	1	.85	79	.04	<3	.52	.07	.15	<2	44
134762	7	640	<3	40	.4	4	18	376	5.91	6	<5	<2	5	1703	<.2	2	3	14	1.17	.168	9	1	.93	147	.07	<3	.70	.08	.31	<2	13
134763	3	184	16	105	.4	24	20	909	4.87	16	<5	<2	3	166	<.2	3	<2	71	2.69	.141	10	32	1.27	150	.03	<3	.82	.07	.15	<2	6
134764	21	283	18	107	.6	23	50	807	5.59	33	<5	<2	3	106	.2	2	<2	57	2.47	.147	10	22	1.27	32	.01	<3	.61	.04	.11	<2	9
134765	23	368	4	50	.5	6	36	443	5.44	5	<5	<2	4	50	<.2	<2	2	14	1.58	.150	7	1	.91	27	.01	<3	.51	.07	.15	2	15
134766	10	161	<3	47	<.3	6	26	348	5.20	6	<5	<2	4	49	.3	<2	<2	14	1.46	.165	10	<1	.85	35	.02	<3	.58	.06	.17	<2	9
134767	30	291	<3	59	.7	6	36	591	5.77	34	9	<2	3	51	.3	<2	<2	7	2.27	.146	5	1	.96	18	<.01	<3	.51	.05	.14	2	16
STANDARD C2/AU-R	19	57	41	126	6.5	70	35	1093	3.68	43	19	8	35	48	19.3	15	21	69	.50	.099	37	59	.91	189	.07	24	1.89	.06	.12	14	454

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-102

DDH 97-101

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-1463

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
131065	7	1518	3	43	.4	13	13	224	4.15	3	<5	<2	3	94	.7	<2	<2	49	1.40	.135	10	24	.96	240	.04	4	.60	.07	.25	<2	70
131067	5	1265	8	57	.4	18	10	352	4.42	3	<5	<2	3	98	.8	<2	<2	53	1.68	.135	9	26	1.21	412	.07	4	.60	.05	.36	<2	51
131069	7	1362	8	70	.8	19	18	861	4.49	53	<5	<2	3	74	.8	2	<2	43	2.45	.140	7	21	1.10	52	.01	4	.64	.05	.19	<2	51
131071	5	1161	5	47	.5	19	17	278	4.69	5	<5	<2	3	85	.6	<2	<2	54	1.81	.139	11	27	1.12	155	.03	3	.55	.06	.24	2	62
131073	6	1249	6	53	.6	18	11	501	4.42	2	<5	<2	3	755	.6	<2	<2	53	1.71	.140	13	28	1.20	341	.04	5	.65	.06	.27	<2	77
131075	5	653	6	58	.4	4	9	771	3.11	6	<5	<2	2	39	.4	2	3	12	1.51	.086	4	7	.86	32	.01	4	.35	.07	.10	2	28
131077	3	566	7	74	.3	26	15	707	4.23	<2	<5	<2	2	131	.8	3	<2	81	2.36	.131	10	45	1.55	364	.05	3	1.00	.14	.17	<2	22
131079	6	379	<3	33	<.3	4	8	474	4.56	<2	<5	<2	2	22	.6	3	<2	17	.76	.147	10	9	1.20	66	.07	<3	.71	.09	.23	2	16
131081	8	1873	5	32	1.1	4	51	630	5.45	2	<5	<2	<2	32	.8	2	<2	11	1.76	.168	6	5	1.04	49	.01	3	.41	.08	.09	2	187
131083	6	487	4	34	.3	2	8	467	4.41	<2	<5	<2	2	24	.6	3	<2	11	.94	.107	8	5	1.07	109	.05	3	.56	.08	.16	<2	23
131085	8	1005	20	47	.4	3	10	204	2.14	6	<5	<2	2	23	<.2	2	<2	4	.53	.014	1	6	.50	16	<.01	<3	.27	.09	.05	2	21
131087	6	446	4	24	<.3	3	6	257	2.03	<2	<5	<2	<2	27	<.2	<2	2	4	1.03	.007	1	6	.62	21	.01	3	.29	.06	.10	2	15
131089	21	2188	3	14	.7	5	9	520	1.82	3	5	<2	<2	41	<.2	<2	4	7	1.00	.002	1	22	.47	137	<.01	3	.32	.07	.10	2	217
131091	19	1439	5	36	.3	4	7	246	2.57	12	<5	<2	2	44	.2	2	3	7	1.27	.027	4	6	.78	32	.01	3	.28	.06	.08	2	44
131093	23	2638	<3	16	.8	4	14	145	3.00	36	<5	<2	2	40	.2	4	<2	7	1.13	.020	2	6	.60	19	<.01	3	.33	.09	.08	2	68
131095	15	3173	6	32	.8	5	39	334	8.08	79	<5	<2	2	53	.7	<2	<2	16	1.56	.181	8	4	1.13	42	.01	<3	.62	.03	.11	<2	61
131097	20	812	4	28	.4	4	12	312	5.22	9	<5	<2	2	55	.7	2	<2	16	1.13	.176	10	7	.73	135	.02	3	.47	.07	.10	2	19
131099	17	968	4	41	.5	9	13	492	5.10	11	<5	<2	<2	56	.6	<2	<2	26	1.47	.176	8	17	1.08	267	.03	<3	.59	.03	.17	<2	28
134701	31	1238	6	44	.8	4	13	936	4.63	176	<5	<2	<2	79	.8	6	<2	16	2.24	.125	5	4	1.04	25	.01	<3	.60	.03	.08	<2	51
134703	12	1406	3	43	.5	2	12	498	5.15	6	<5	<2	2	59	.8	<2	<2	16	1.05	.173	9	5	.77	53	.02	<3	.60	.05	.10	<2	46
134705	22	776	5	46	.4	3	10	461	5.60	2	<5	<2	2	96	.6	<2	<2	17	1.26	.170	9	5	.81	210	.02	3	.44	.07	.11	<2	24
134707	53	1215	4	31	.6	4	11	450	4.36	6	<5	<2	2	79	.6	<2	<2	13	1.56	.142	7	6	.82	43	.01	3	.49	.06	.10	2	34
134709	51	1421	5	38	.6	3	17	504	5.73	6	<5	<2	2	53	.7	3	<2	15	1.28	.186	7	6	.91	106	.02	3	.55	.06	.12	2	48
134711	72	985	6	44	.6	3	17	711	5.62	7	5	<2	2	60	.7	<2	<2	14	1.46	.167	9	4	.83	62	.01	<3	.56	.06	.09	<2	21
RE 134711	76	987	6	45	.6	4	18	720	5.67	6	<5	<2	2	61	.7	<2	<2	15	1.48	.168	9	5	.84	63	.01	<3	.57	.06	.08	<2	20
134713	20	1130	4	41	.8	3	12	713	4.36	7	<5	<2	2	55	.6	<2	<2	9	1.12	.082	4	5	.81	27	.01	<3	.41	.07	.07	<2	28
134715	41	1780	6	37	.8	5	16	600	4.57	112	<5	<2	<2	80	.7	3	<2	11	2.19	.130	6	5	1.04	30	.01	<3	.60	.05	.10	<2	35
134717	35	967	4	31	.4	3	17	447	4.83	2	<5	<2	2	57	.8	<2	<2	13	1.09	.170	7	7	.69	45	.02	<3	.63	.05	.13	<2	21
134719	16	707	3	32	<.3	4	13	540	4.74	2	<5	<2	2	58	.6	<2	<2	13	1.02	.162	9	6	.74	110	.04	<3	.56	.09	.14	<2	11
134721	11	655	5	33	<.3	2	19	528	5.36	2	<5	<2	2	30	.7	2	<2	13	1.00	.189	12	5	.78	70	.03	<3	.61	.06	.15	<2	9
134723	38	1153	5	41	.6	9	26	698	5.36	203	<5	<2	2	54	.6	4	3	29	1.32	.031	2	11	.67	40	<.01	<3	.50	.03	.09	2	21
134725	34	1268	4	33	<.3	4	24	311	3.54	3	<5	<2	<2	62	.4	<2	<2	9	1.09	.070	4	7	.59	67	.01	<3	.32	.07	.06	<2	33
134727	33	685	5	41	.4	2	17	442	6.17	<2	6	<2	<2	68	.7	2	<2	12	1.56	.167	8	4	.80	53	.02	<3	.33	.06	.09	<2	18
134729	23	755	5	42	.5	4	24	575	6.03	17	<5	<2	2	79	.8	<2	<2	11	2.34	.170	9	6	1.00	27	.02	<3	.48	.06	.12	<2	16
134731	19	791	8	45	.7	2	16	1861	5.09	<2	<5	<2	2	56	.6	<2	<2	11	1.64	.200	9	4	.83	99	.03	<3	.40	.06	.17	<2	14
134733	27	1002	5	33	.4	3	19	296	5.25	2	<5	<2	2	344	.8	<2	<2	13	1.39	.198	11	5	.93	68	.07	<3	.65	.08	.39	<2	19
STANDARD C3/AU-R	26	68	34	152	5.5	37	12	729	3.44	54	19	3	19	31	21.9	20	22	85	.60	.099	18	179	.65	155	.10	21	1.93	.04	.17	21	498

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All DDH 97-101

DATE RECEIVED: APR 1 1997 DATE REPORT MAILED: April 4/97 SIGNED BY. C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

Hole No. 97-102
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AC#'s: 97-0797
97-0839

Location: 9845 S - 10035 W	BOOKER GOLD EXPLORATIONS LTD.		Hole No: 97-102
Azimuth: 180°	Dips - collar - 65°	Contractor: J.T.T.	Property: Heaven Hill
Elevation:	- m	Logged by: D.M./R.G.	Claim No. Heaven 1
Length: 358.7 m (1176.5')	- 358.7 m - 66°	Date: Feb. 18/97	Section No.
Core size: NQ	- m		Started: Feb. 16th
Purpose: To determine northern extent of mineralization & Blue Zone by drilling towards it from the north.			Completed: Feb. 20th

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0.	3.8	casing, no core.													
		- logged after split													
		- not split or sampled													
		until 5.2 m.													
3.8	17.7	Quartz Biotite Feldspar	3.8	17.7	Advanced Argillic Alt'n.	1-10	0-20°	carb-py ± FeOx	134748	5.2	8.2	333	17	.5	47
		Porphyry (Diorite/Granite)			- fspars → sericitepid			± chl	134749	8.2	11.3	431	11	<.3	35
		- e.g., light grey w/			- 5-8% of 1% of total				134750	11.3	14.3	350	11	.6	20
		bleached fspar xtals.			mainly in veinlets				134751	14.3	17.4	534	18	.5	116
		- few veinlets parallel			as py and fg. diss.										
		to C.A.			- trace fg. diss. Cp										
		- hardness ≈ 4 (on a			- FeOx (goethite/limonite)										
		scale of 10).			to 8.8 m along										
		- few fractures >0.5m			fractures.										
		apart @ 45° to C.A.			- some fresh biot.										
		- relict qtz.			throughout, bleached										
		- very soft in some			and absent in strongly										
		areas.			alt'd areas.										
					- carb. xtals throughout										
	at.	4.5 m, very soft (<1)			+ in veinlets										
		for 15 cm and rubbly.			- then insprinkles @ 17.9 m.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
17.7	99.7	Andesitic hornfels /	17.7	20.2	Potassic/Phyllic Alt'n	1-3	various	interlocking,	134752	17.4	20.4	1859	42	1.3	62
		Rhyodacite (Stockwork)			- alternating light + dark			forming stockwk	753	20.4	23.5	716	19	.4	9
		- usually med. grey colour			areas			carb-py-hem	754	23.5	26.5	469	18	.9	8
		where it is bleached			- strong sericitization			(mag)	755	26.5	29.6	1089	20	.7	9
		it is rhyodacite			- biot as relict brown				756	29.6	32.6	515	17	.9	7
		- f.g. usually siliceous			areas converted to				757	32.6	35.7	603	15	.5	7
		throughout.			carb-serite.				758	35.7	38.7	541	17	.4	6
		- abundant veinlets,			- py throughout as				759	38.7	41.8	1646	55	1.0	4
		- few fractures >0.5 cm			irregular veneers on				760	41.8	44.8	1286	48	.7	14
		apart			veinlets ~ 1%				761	44.8	47.9	1362	44	.6	3
		- mag (hem) in			- trace Cp ≈ Py				762	47.9	50.9	640	13	.4	7
		veinlets + stringers			veneers.				763	50.9	53.9	184	6	.4	3
									764	53.9	57.0	283	9	.6	21
			20.2	25.0	Potassic				765	57.0	60.0	368	15	.5	23
	at	17.8 m			- dark, hard, siliceous				766	60.0	63.1	161	9	<.3	10
		- banding of veinlets							767	63.1	66.1	291	16	.7	30
		≈ calcite							768	66.1	69.2	219	8	<.3	14
									769	69.2	72.2	275	6	<.3	14
									770	72.2	75.3	431	9	<.3	8
	at	19.1 m							771	75.3	78.3	147	6	<.3	12
		- sparry calcite along	25.0	25.6	Phyllic Alt'n				772	78.3	81.4	458	9	<.3	8
		fracture opening for			- bleached abundant				773	81.4	84.4	763	96	.4	15
		10 cm parallel to C.A.			sericite.				774	84.4	87.5	694	23	<.3	7
		- Fe stained in areas.			- slight increase in				775	87.5	90.5	1060	21	<.3	15
		20.5 - 25.0 m			Cp as visible blebs				776	90.5	93.5	494	11	<.3	6
		somewhat softer, bleached			3 mm dia. along veinlet.				777	93.5	96.6	258	15	.3	20

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		cont'd	25.6	36.8	Potassic/Phyllic Alt'n.	1-3	various	interlocking +							
		25.6 - 37.8 m			-alternating light +			offset.							
		-fractures more abundant			darker areas			-carb-py-hem							
		in lighter areas (sulfic)			-increase in Cp (≤0.5%)			(mag) ± Cp)							
		- mainly f.g., but			some areas richer										
		some areas are m.g.,			over short secins										
		showing relict texture			about 30 cm long.										
		of perhaps BFP.			-some minor occurrences										
					of white, soft, rockflour										
	at	30.7 m			along ∓ carb coatings										
		-fracture parallel to			along fractures.										
		C.A.			-py content increases.										
		36.8 - 39.1 m	36.8	39.1	Phyllic Alt'n										
		-bleached, soft material			-strong sericitization										
		-fractures 30° to C.A.			-decrease in Sul's										
		-rhyodacite			-no Cp, veinlets										
					decrease in size.										
		39.1 - 51.6 m	39.1	51.6	Potassic Alt'n										
		biot. f.g., magnetic			-increase in Cp ≈ 0.5%										
		in veinlets (hem-mag)			on fractures ∓ py +										
		-few small openings			carb, hem (mag)										
		filled ∓ calcite (ext'b.)			-decrease in py										
		sul's + rockflour < 1cm			- Py ≤ 1.0%										
		dia.			- Cp ≈ 0.2%										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
			at	42.8	bornite on fracture sfc. - purple, green, iridescence (cu enriched area) as small blebs ≤ 5mm dia.										
		51.6-52.9 m mafic dike, dark grey - black - few phenocrysts as laths - 80% groundmass.	51.6	52.9	Potassic dark, abundant f.g biot. - amygdoidal texture w/ carb. (calcite) replacing fspars - hd 5½'s	1-3	30°	carb-qtz							
		52.9-55.4 m Andesitic Hornfels. - magnetic, med. grey colour - weak bxvv	52.9	55.9	Potassic/Phyllic - abundant py in interlacking veinlets - trace cp - mag-hem abundant in veinlets										
		55.4-56.2 m mafic dik - med. grey w chill margins to adjoining Andesitic hornfels. - few small (< 0.5cm) phenocrysts	55.4	56.2	argillic (med.) alt'n. - Seric in core - amygdoidal texture - not as dark as previous dike										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		56.2 - 99.7 m.	56.2	99.7	Phyllic/Potassic	1-3	various	interlocking							
		light grey to darker patches, fairly soft throughout, hardness<4			- strong sericitization			network							
					- biot. more abundant in darker potassic			- carb (calcite/dolomite)							
		- lighter areas more			areas.			- py - hem (mag)							
		fractured than others			- Py >> Cp			± cp							
		- texture (brxx) varies.			- Py ~ 1-2% in										
		(rhyodacite).			thick intersecting veinlets										
	at	69.3 m			- well developed cubic										
		mafic dike (15cm wide)			Py xtals in larger more										
		- chill margins in core			open veinlets										
		- no sulfides (late stage)			- Cp << 0.5% as										
					small blebs in Py.										
					- Cp increases to										
	at	71.6 m			depth of unit to										
		- carb (calcite spars)			larger blebs										
		in large open veinlet			- rock flour more abundant										
		forming xtals 3 mm			near end of unit.										
		dia.													
		- carb. c.g. w Fe ox													
		staining													
		- cavity 25° to c.A.													
		- w some small open													
		spaces													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
99.7	166.7	Breccia (Rhyodacite frags.)	99.7	166.7	Strong Phyllic Alt'n.	1-2	various	interlocking carb-py-rockflour ± cp.							
		- bleached, white to buff.			- very strong sericitication of primary minerals										
		- fragmental material			- almost entirely seric cemented w/ carbs. + Su's				134778	96.6	99.6	283	14	<.3	18
		- frags. supported.							779	99.6	102.7	291	14	.3	161
		- cemented by carb. (calcite, dolomite)							780	102.7	105.8	246	10	<.3	97
					- py >> cp				781	105.8	108.8	70	13	<.3	154
		- rockflour infillings in open spaces			- py ≈ 2% throughout				782	108.8	111.8	508	35	<.3	110
					- cp << 0.5% as small blebs w/ py				783	111.8	114.9	798	15	<.3	154
		- abundant Su's in cavities.							784	114.9	117.9	272	17	<.3	174
		- Soft, hardness: 4.			- Py larger masses or infillings between frags and open spaces as well-defined py cubes w/ striation				785	117.9	121.1	1244	36	.3	160
									786	121.1	124.1	1760	585	.4	210
		- frags. angular to rounded shape.							787	124.1	127.1	2901	104	.8	377
									788	127.1	130.1	3462	160	1.0	493
		- some areas are more massive fg. phyllic alt'd.							789	130.1	133.1	2923	121	.9	337
					- minor chl. or epid around few frags				790	133.1	136.2	3616	69	1.9	457
					- no mag. found in brxx.				791	136.2	139.2	3699	92	3.1	694
									792	139.2	142.3	2266	35	1.5	314
		- some frags. of BF ∓ fairly alt'd in brxx.							793	142.3	145.3	3630	677	3.7	454
					- cp increases with depth and up to 1.5% over short sec'ns 1m.				794	145.3	148.4	9145	94	5.9	502
									795	148.4	151.4	493	61	<.3	15
		- very few fspars							796	151.4	154.5	4102	40	2.4	19
		- veinlets vary in amount and size throughout							797	154.5	157.5	6443	118	2.4	28
									798	157.5	160.6	9822	289	2.4	55
		- no hbld.							799	160.6	163.6	9246	223	2.5	65
		- Fractures. few @ 0-10° t.c.a.							800	163.6	166.7	3322	54	1.4	119

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
cont'd		-frags. vary in size from a few cm's of f.g. rhyodacite to large cndo. frags. (15 cm dia.) BFP						
		-open space accounts for 2% of core.			145.2-146.0 m. soft core + increase in Cp = 1.-1.5% -decrease in Py -Su's very abundant around small fractures			
					145.2-164.9 m -increase in Cp to 1% +, Cu .3-.5% as cement			
1		150.2-152.3 m increase in fractures 45° to CA 15-20 cm apart.						
	at	150.2 m -for 30 cm, soft rubble in core.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
134657	166.7	169.7	4606	378	1.4	210
658	169.7	172.8	3792	63	.9	244
659	172.8	175.9	259	20	.4	224
660	175.9	178.9	1283	38	.5	97
661	178.9	181.9	3366	110	1.1	77
662	181.9	185.0	10033	260	2.5	55
663	185.0	188.0	4000	364	.9	73
664	188.0	191.1	1848	31	<.3	105
665	191.1	194.2	1076	29	<.3	78
666	194.2	197.2	3457	164	.6	40
667	197.2	200.3	4113	107	.7	29
668	200.3	203.3	9850	185	.4	50
669	203.3	206.3	9755	480	3.6	22
670	206.3	209.4	5191	124	7.5	49
671	209.4	212.4	13392	304	2.9	96
672	212.4	215.5	7542	116	1.8	96
673	215.5	218.5	8176	419	1.2	81
674	218.5	221.6	7201	530	1.9	104
675	221.6	224.6	3845	166	.4	89
676	224.6	227.7	4525	96	.3	46
677	227.7	230.7	3647	90	.4	146
678	230.7	233.8	8831	152	.4	78
679	233.8	236.8	3862	98	.5	68
680	236.8	239.9	7937	147	2.0	64
681	239.9	242.9	2391	56	1.3	35
682	242.9	246.0	3732	68	.5	35

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		164.9 - 166.7 m.			164.9 - 166.7				134683	246.0	248.0	4167	100	1.0	49
		- soft, increase in fractures			decrease in Cp ± increase				684	247.0	252.1	13038	132	2.2	98
		< 5cm apart.			in Py as large infillings				685	252.1	255.1	25669	606	5.1	111
		- alt'd relict BFP			1.5 cm thick.				686	255.1	256.9	34466	588	10.8	83
		frags.			- almost all frags.				687	256.9	259.9	45692	1430	10.6	99
					entirely Sericitized.				688	259.9	261.2	23891	386	3.1	95
									689	261.2	264.3	4197	473	1.3	50
									690	264.3	267.3	7304	130	1.3	30
166.7	175.9	Biotite Feldspar Porphyry	166.7	175.9	strong Phyllic										
		(light grey to dk grey/			saussaritized plag.										
		black - equigranular phaneritic			(plag. → epid. ± chl) ±										
		alt'd plag (~1mm → 4mm)			abundant sericite										
		to fine grained inequigranular			coarse grained plag.										
		alt'd plag (0.5mm → 1.5mm)			preserves zoning pattern.										
		- phenos. from 1 - 5mm			- Py occurs as subhedral										
		plag. laths, euhedral to			to anhedral grains filling										
		subhedral.			fractures ± some having										
		hardness = 3			dendritic appearance.										
					- dendritic fract. contain										
					Py ± oxidized Py										
					selvages in places										
					Py ~ 1 - 2%										
					Cp as small, irregularly										
					spaced blebs (< 0.5%)										

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Section from m	Section to m	ROCK DESCRIPTION shorthand ↓	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
cont'd		qtz as stockworks ($$)													
		and irregular lenses <1cm													
		to 2.5cm length var. width													
		@ 173.6 have qtz lense													
		that is fract'd + offset													
		indicating early formation													
		+ then Brecciation													
		-cavities throughout ~1-2%													
		of volume - lined w Dol.													
		+ quartz - much of													
		cavities filled w white													
		rock flour/clay													
		-fractures:													
		@ 130.9: 65° to C.A.,													
		w minor Py coating													
			175.9	194.8	Phyllic Altn										
175.9	267.3	Brxx fairly well-consolidated			2-3% Py + Cp Py in veinlets										
		cemented by dol./calc.			w carb ± Cpy										
		-abundant interlocking			- little rock flour										
		-more competent the			in small open spaces										
		open vuggy brxx			- Lo mag										
					- minor hem f.g. throughout										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		194.8-204.8m	194.8	223.8	Phyllic Alt'n										
		-rhyodacite appearance			-seric										
		-fairly well-consolidated			-hem present, decrease in Su's										
		-fractures 30-45° to C.A			-hem dusting and in veinlets										
		-large frags. of rnd. BFP in core.			-Py > Cp in openings										
					-some grass and veinlets enriched in Cp as grains 0.5 cm wide x 2 cm long										
		204.8-205.2 m													
		-rubbly, fractured @ 45° to C.A.													
		-pieces ≤ 10 cm long.			-epid in BFP+QBFP frags										
		205.2-239.0 m.			-Cp = 0.5-1.0%, Cu = .4%										
		-frags composed of													
		several lithologies.	223.8	235	increase Cp content decrease Py										
		-BFP, QBFP, and andesitic bornfels frags.			-Cp as large irregular blebs cementing frags w carb.										
		-frags range in shape from angular (smaller ones) to large rnd. ones			Cp ≈ 1-1.5%, Cu = .7%										
					-frags. smaller more abundant										
		239.0-241.4m.													
		-fractured, rubbly, (Fault?)													
		-frags. ≤ 10cm in length.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		241.4 - 247.3 m.													
		- brxx, rubbly, for 2m at start w													
		Fractures @ 45° to C.A.													
		- short areas are very soft with few open vugs.													
		247.3 - 256.9 m.	247.3	260.0	increase in Cp + Py between frags. Up to 2 cm grains of Cp										
		- rubbly less consolidated, more open space in between frags.			- Cp >> Py Cp = 1.5-2.0% Cu 0.5-1.2% (some short areas.										
		- open vugs 2% of total			- rock flour present in open spaces										
		- complete clay alt'n in areas to mush.													
		- slickensides coated w chl.													
		- Fractures 45° to c.A.													
	at	249.1 m slickenside parallel to C.A. covered by chl.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		256.9-261.0	260.0	261.0	decrease in Su's	1-10	40	carb-cpIpy							
		-more competent, less open space			-sericic less abundant			(some very							
		- BFP f.g. and more extensive in core w short secns of good brxx.			-epid			thick+xcut							
					-cp in blebs as cement between frags.			core, other							
					-Cp 0.5-1.0%			smaller ones							
					-Cu < 0.5%			form a dendritic							
		-fractures @ 45° to C.A., fractures usually >0.5 m apart						stckwk. veining)							
		-minor hematite veinlet @ 271.7													
		261.0 - 267.3 m													
		-Brecciated BFP	261.0	267.3	-decrease in Su's			Carb-Py-Cp-qtz							
		-fragments angular + >5cm, cemented by calc. /dol.			Py > Cp : Py ~0.5-1.0%	11		(stckwk veining							
					Py as fracture coatings			+smaller							
		- BFP color ranges from bleached → brown → dk grey / black			+ cavity infill; occurs as f.g. masses to subhedral xtals in open cavities ~3mm			dendritic							
								stckwk conf.							
					(ie. @ 264.7) + dendritic $$			Py + Carb							
		-strong sericitization of plag. w strong epidote alt. of plag. in light grey frags. & zoning preserved.			Cp as blebs coating BFP clasts + in open cavities										
					Cp ~0.5% ∴ Cu ~0.1%										

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Section from m	Section to m	ROCK DESCRIPTION (261.0 - 267.3 m)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		core is competent (hard. = 3-4)	266.8	267.3	Phyllic alt. gets stronger										
		lger cavities lined w calc/dol.			towards 267.3										
		(geode like) to completely													
		filled w carb.													
		fractures: 45° - 55° to C.A.													
		irregularly spaced (5cm to													
		40cm); 40cm spacing most common													
		-sparsely to heavily coated													
		w Su's ~ 2-30% of surf. area													
		Py >> Cp													
267.3	280.1	Brecciated BFP - plag. phenos.	267.3	280.1	-dominantly sericitic alt.				139691	267.3	270.4	5564	66	1.4	70
		from 1mm - 3mm; white to			-plag. seric + saussueritized				692	270.4	273.4	2099	2	.4	72
		green + zoned			-magnetite absent				693	273.4	276.5	2409	124	.7	213
		-grndmass range from dk.							694	276.5	279.5	3195	39	1.2	310
		grey to brown													
		increase in open vugs													
		~1.5% of interval volume													
		-vugs lined w anhedral to	268.7	280.1	-Su's as coatings to			Qtz-Carb-Py-Cp							
		euhedral Dol/calc, 1mm-1cm			clasts but mainly as	2-20	var.	-open space							
		-Dol: white, pinkish +			carb. cemented xtals +			fillings,							
		buff in color			fg. messes in vugs.		30°	dendritic stockwk							
		-rock flour absent in			Py : Cp ~ 1.5 : 1	1mm	20-50°	antitaxial							
		vugs			Py ~ 1.0 - 2.0%, Cp ~ 0.5 - 1.0%			stockwk veinlets							
					Py as lge 5mm → 1cm			w qtz envelopes							
					xtals showing zoning or twinning?										
					size: 2mm - 1.2cm										

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Section from m	Section to m	ROCK DESCRIPTION (267.3 - 288.1 m cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION cct.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		fractures; 35°-50° to C.A.	268.7	280.1	Cp is late stage addition										
		Py in BFP on fract. surf.			as is surrounded by Carb.										
		while Cp surr. by Carb.			in vugs										
		cement			-Cp occurs as anhedral										
					masses 2mm x 2mm, flecks										
					+ subhedral grains 1mm-4mm										
		277.4 - 278.2 m			277.4 - 278.2 - Phyllic										
		-intensely brecciated			-sericic, ū qtz, carb. +										
		BFP + andesitic hornfels			Py infilling open vugs.										
		cemented ū qtz, carb. +			cemented by sparry calcite										
		Su's infilling vugs.													
250.1	282.5	Biotite Feldspar Porphyry	280.1	280.5	Su's in BFP, vugs, veinlets	1-6	Var.	stockworked +	134695	279.5	282.5	2267	51.	1.3	105
		very fine, light grey ū			+ stockwks			vuggy.							
		Qtz veins + stockwks +			Py; Cp; 3:1			Qtz-carb-							
		occasional carb. vugs			Py, anhedral masses in BFP			Py-Cp							
		silica flooded, hard (H=7)			+ subhedral xtals in vugs										
		fractures; 20°-70° to C.A.			1mm - 6mm										
		spaced 5-50cm apart			Cp, clast coatings, fracture										
					fills, ~ 0.2-0.5% Cp										
					Py ~ 1.0-2.0%										
					pervasive carbonate										
					plag., is sericic ū minor epid.										
					hbld. alt'd to calcite										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		280.5 - 282.5 m	280.5	282.5	90% Phyllic w̄ small	1-mm	var.	Carb.-Py-Cp-Hem							
		Bleached, white to light grey			< 20cm propylytic zones			stckwkd +							
		weak - moderate brecciated			Py as fract. + clast			vuggy							
		Rhyodacite			coatings w̄ small zones										
		- matrix supported where			of vuggy infill w̄ sparry										
		competent			calc. cement										
		+ clasts angular - subrec-			- occurs as fine dissem,										
		t, 2-3mm to >3cm			to masses + subhedral										
		su's more abundant in			xtals in vugs, up to 0.5cm										
		strongly fract. areas			Py ~ 2.0%										
					Cp ~ 1-1.5% ; ~ 0.5% Cu										
					fract. coatings, vugs cement,										
					by sparry calc. + w̄										
					Py stringers										
					abundant hem. as specks,										
					coating fract. + veinlet										
					armour around carb.										
					stckwk abundant + var.										
					from 0°-90° to C.A.										
					~ 60% stckwk btwn										
					20°-40° to C.A.										
		282.5 - 283.5 m	282.5	283.5	strong chl./sericite alt'n				134696	282.5	285.5	2303	64	.6	13
		light grey to white crowded			w̄ hem around stckwks										
		BFP w̄ grey to brown groundmass			Py > Cp ; 0.5% Py, ≤ 0.5% Cp										
		w̄ abundant biot 1mm square			Cu < 0.1%										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
					283.5 - 326.7 m	1-2	20°-65°	Qtz - Py - Cp	134697	285.6	288.6	2134	44	.5	32
					Su's increasing			± Hem (mag)	698	288.6	291.7	2021	75	.5	109
					Py > Cp in fract. fills				699	291.7	294.7	2024	30	<.3	32
					+ small veinlets				700	294.7	297.8	2119	62	.5	4
		294.2 - 294.4 m			294.2 - 294.4 m				150390	297.8	300.8	1114	170	<.3	19
		Andesitic Hornfels			Plag. alt'd to clay				391	300.8	303.9	1359	16	<.3	29
		soft + rubbly													
	at	300.6 m		at	300.6 m										
		Rhyodacite; fract @			Cp mass on fract. surf.										
		60° to C.A.			4cm l x 2cm w.										
					Py adjacent in stringers	<1-2	var.	Qtz - Py - carb							
				at	304.5 m										
					Cp veinlet	5	45	Cp - Py - Qtz	392	303.9	306.9	1839	87	.5	43
					305.4 - 305.8 m				393	306.9	310.0	3214	121	.8	27
					Py as vuggy infill + lenses										
					- subhed. xtals 0.5cm x										
					0.1cm, lenses contain										
					anhedral Py with trace										
					Cp as dissem. fract.										
					coatings.										
					Py >> Cp.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		310.1 - 310.2 m			310.1 - 310.2 m				150394	310.0	313.0	1223	31	<.3	13
		-rubbly sparry calc. vug			lge (2cm x 1cm) subhed. Py masses, tr. dissem. Cp as very tiny inclusions in Py										
					Py >> Cp										
					Cp < 0.1%; Cu ~ 0.1%										
		312.8 - 315.3 m	312.8	315.3	very strong Phyllic	<1-1	10°-75°	qtz-carb.	395	313.0	316.1	1630	21	.4	20
		Rhyodacite			-plag. att'd to sericite			(calc./dol.)	396	316.1	319.1	2528	83	1.0	173
		-minor stckwk zone						in fine							
								stckwks							
		315.6 - 326.7 m													
		-section increasingly													
		vuggy + more brecciated													
		vugs ~ 2% of section													
		319.3 - 320.3 m	319.3	320.3	Phyllic				397	319.1	322.2	1675	152	.4	25
		-zone of high sulph.			-advanced stckwk	1-6	var.	Py-Carb-Cp							
		concentration.			w highly variable fract.										
		- moderate to intense,			orientations.										
		brecciated and hornfels/			Py > Cp										
		rhyodacite w 6cm zone			~1-1.5% Cp; 0.5-0.8% Cu										
		of intense brecciation			-Both occur as open space										
					filling btwn clasts.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
	cont	320.1 m													
		Py/Cp antitaxial veinlet w qtz envelope; < 1mm wide w Py+Cp as seam btwn qtz envelope. 40° to C.A.			Py ≥ Cp										
		320.2-320.3 m Series of 3 heavily mineralized Py/Cp veinlets cemented by sparry calcite			Py > Cp	3->10	40-60	Py-Cp-Carb.							
		320.8 - 322.2 m high sulph. zone in advanced stckwk/brxx			320.8 m - 322.2 m Py: anhedral masses coating fract. + as subhedral to euhedral sparry calcite cemented veins w siliceous envelopes 1mm wide - some veinlets Cp = Py as anhedral masses cemented by sparry calc.	5->10	90	Carb-Qtz-Py-Cp	150398	322.2	325.2	2054	107	.3	4
325.7	328.4	Altered Biot., Feldspar Porph. - strong increase in Cp dk grey alt'd BFP w abundant f.g. biot., magnetite	325.7	328.4	Potessic Cp in stringers, stckwked veinlets, stringers + coating fractures cemented by sparry calcite				150399	325.2	328.3	4676	327	1.3	5

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		cont.			Cp >> Py in stckwked	1-3	20-70	Cp-Py-carb							
		+ vugs w sparry calcite			veinlets			in stckwked							
					Cp ~2.0%, Cu ~0.5-0.7%			veinlets							
					Py < 0.5%										
		326.4-326.6 m	326.4	326.6	Phyllic in brxx										
		Cp in good brxx			Cp >> Py										
		grading to Potassic BFP			Cp ~ 3%, 1% Cu										
		(magnetic)			Py ~ 0.5%										
328.4	358.7	BFP alt'd	328.4	358.7	Phyllic				150400	329.3	331.3	3148	111	.6	15
		Bleached, white to light			Py > Cp in stckwked				120251-B	331.3	334.4	2054	126	.7	3
		grey BFP w dense			veinlets w in 5cm				252-B	334.4	337.4	1657	118	.9	2
		concentration of stckwked			a part				253-B	337.4	340.5	2148	101	.5	2
		veinlets			Cp veinlets	1	0-60	Py-Cp-carb ±	254-B	340.5	343.5	1777	108	.5	5
		moderate fract. 0.3m			Cp also as minor inclusions			hem (mag)	255-B	343.5	346.6	1987	86	.9	2
		apart			on fract. surf. w Py	1-2	40-70		256-B	346.6	349.6	4829	157	.6	4
									257-B	349.6	352.7	3112	96	1.0	6
		335.1-342.6			335.1 - 342.6 m				258-B	352.7	355.7	1091	71	.9	3
		advanced dendritic			Phyllic / Potassic				259-B	355.7	358.7	837	44	<.3	1
		stckwked BFP w abundant			Py >> Cp										
		biot. (f.g., fresh to hem.			3-4% Py, <1% Cp										
		alt'd)			sulphide poor in potassic										
					areas										
					stckwked veinlets	1-4	25-40	Py-Cp ± hem (mag)							

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
	at	337.2 m													
		thick (1cm) stckwk w													
		2% Cp + < 1% Py													
		Cp is cemented by silica													
		+ carb.													
		7cm l x 0.5-1cm w													
					348.7-348.9 m										
		348.7-348.9 m			Phyllic / Potassic										
		light to dk grey alt'd BFP			Phyllic zone contains	5	70°	Py-Cp-carb.-qtz							
		- stckwked + fractured			advanced stckwked										
					veinlets of Cp / Py										
					w carb. cement + silica										
					envelope, Py > Cp										
					Potassic zone has mild	1-2	0°	Cp-Py							
					stckwks w fract. surf.										
					90% Cp + trace Py										
					Cp; 7cm x 5cm										
					1% Cu over this small										
					interval										
		350.2-352.9 m			350.2-352.9 m										
		Alt'd BFP			Phyllic										
		light grey to buff advanced			Py > Cp, 2% Py, < 1.0% Cp	1	var.	Py-carb.-Cp							
		stckwked BFP			< 0.15% Cu.										
		- primary minerals alt'd			Cp as patches + stringers										
		to carb, stckwk dense + continuous			assoc. w Py + carb.										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
	at	353.0 m													
		- contact btwn Potassic													
		+ fresh crowded BFP													
		- both dk grey + hard													
		>4													
		- fresh has abundant...													
		lge biot xtals (2mm sqvew)													
		353.0 - 358.7 m			353.0 - 358.7 m										
		dk grey to bleached			Fresh to Phyllic										
		(white) BFP													
		dk BFP is fresh looking			Py + Cp < 0.5% as										
		+ contains abundant biot.			fine stringers +	1	40-60	Py - Cp ± carb.							
		- Plag. is lath shaped +			veinlets ≥ 0.5m apart										
		zoned (2-5mm long) +													
		alt'd to sericite													
		- Phyllic areas have			Phyllic has < 0.1% Cp										
		biot alt'd to limonite/							120259	355.7	358.7	837	44	<.3	1.
		goethite. + is sulphide													
		barren									Same	Sample	page	19	
at	358.7	B.O.H.													

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
134734	11	1089	<3	50	.5	3	12	590	5.21	4	<5	<2	<2	122	<.2	<2	<2	13	.95	.182	11	<1	.86	129	.07	<3	.72	.09	.36	<2	15
134735	31	1377	4	50	.4	4	16	567	4.18	3	<5	<2	2	60	.3	<2	<2	12	1.19	.177	13	4	.68	79	.04	<3	.54	.09	.19	2	26
134736	18	1099	5	50	.4	4	18	596	4.85	5	<5	<2	2	108	.2	<2	<2	14	.82	.165	13	3	.93	147	.11	<3	.74	.11	.39	<2	15
134737	24	1287	4	52	.8	4	15	1125	4.46	4	<5	<2	2	325	<.2	<2	2	12	1.12	.167	11	2	.91	124	.06	<3	.57	.08	.27	2	17
134738	65	2027	3	50	1.5	5	12	1465	4.17	4	<5	<2	4	259	.3	2	<2	12	1.26	.159	12	4	.83	120	.04	<3	.58	.09	.24	<2	25
134739	53	2992	<3	47	.8	6	69	445	8.70	7	<5	<2	2	676	<.2	<2	<2	12	1.16	.112	12	<1	.97	44	.04	<3	.53	.07	.23	3	70
134740	6	372	<3	50	<.3	4	24	548	5.56	<2	<5	<2	3	799	<.2	2	2	13	.90	.168	14	2	1.03	96	.07	<3	.69	.09	.34	<2	10
134741	15	708	6	68	.4	14	19	666	5.31	3	<5	<2	2	288	<.2	<2	2	27	1.22	.167	14	18	1.03	75	.05	<3	.63	.07	.31	2	16
134742	26	309	<3	58	.4	32	24	930	6.61	2	<5	<2	3	573	<.2	<2	<2	74	1.55	.130	10	75	1.70	118	.08	<3	1.31	.12	.49	<2	9
134743	5	379	<3	61	.4	9	15	1167	5.39	6	<5	<2	<2	69	<.2	<2	<2	22	1.65	.126	9	6	1.14	86	.03	<3	.54	.08	.17	2	11
134744	21	1926	8	91	1.6	8	60	1243	5.60	147	<5	<2	2	89	.7	2	2	16	3.10	.098	7	<1	1.14	29	.01	<3	.56	.04	.11	<2	382
134745	9	784	3	53	.5	24	39	740	6.73	3	<5	<2	3	116	<.2	2	<2	35	1.66	.199	20	22	1.00	31	.02	<3	.61	.05	.15	<2	18
134746	23	830	<3	50	.7	9	24	755	4.98	6	<5	<2	3	82	<.2	2	<2	16	1.60	.137	11	7	.88	69	.03	<3	.48	.08	.11	<2	20
134747	17	798	<3	55	.5	4	33	635	5.60	5	<5	<2	3	75	<.2	<2	3	12	1.27	.145	15	6	.98	42	.03	<3	.43	.06	.14	<2	13
134748	47	333	8	95	.5	10	17	1612	3.74	47	<5	<2	6	51	.3	2	<2	30	2.10	.057	7	10	1.05	60	<.01	<3	.76	.04	.25	3	17
134749	35	431	6	69	<.3	8	12	669	2.76	15	<5	<2	6	53	<.2	<2	2	40	1.60	.060	9	9	.92	102	.01	3	.58	.05	.23	2	11
134750	20	350	3	77	.6	9	14	877	2.66	17	<5	<2	3	60	<.2	<2	2	34	1.89	.056	9	12	1.02	98	.01	3	.65	.05	.27	2	11
134751	116	534	10	94	.5	11	18	1433	3.16	43	<5	<2	6	55	<.2	2	2	23	2.09	.041	6	10	1.01	42	<.01	<3	.52	.04	.22	4	18
134752	62	1859	11	279	1.3	11	24	1967	5.72	73	<5	<2	2	118	1.5	2	<2	21	2.85	.081	5	1	1.33	29	.01	<3	.62	.05	.21	<2	42
134753	9	716	6	56	.4	3	13	334	5.60	4	<5	<2	2	57	<.2	2	<2	14	1.23	.157	7	<1	.94	126	.05	<3	.63	.06	.28	2	19
134754	8	469	5	74	.9	5	15	1473	6.22	74	<5	<2	3	70	.2	3	<2	13	1.80	.150	5	<1	1.12	46	.04	<3	.73	.06	.30	2	18
134755	9	1089	<3	56	.7	4	17	415	5.45	9	<5	<2	4	70	<.2	<2	5	13	1.35	.148	7	1	1.04	110	.06	<3	.67	.06	.31	3	20
134756	7	515	5	61	.9	9	22	803	5.50	90	<5	<2	2	69	.2	3	3	11	2.52	.134	5	<1	1.18	35	.02	<3	.77	.04	.19	<2	17
134757	7	591	<3	40	.5	3	15	306	5.52	7	<5	<2	3	39	<.2	2	<2	15	1.16	.159	9	<1	.84	141	.05	<3	.54	.06	.24	2	14
RE 134757	5	603	<3	40	.4	3	15	304	5.50	5	<5	<2	2	39	<.2	<2	3	14	1.16	.159	9	2	.84	142	.05	<3	.53	.06	.23	2	15
134758	6	541	3	44	.4	5	16	450	5.63	33	<5	<2	2	32	.2	<2	2	13	1.52	.162	9	1	.90	85	.04	<3	.64	.05	.22	2	17
134759	4	1646	<3	40	1.0	5	13	494	5.36	7	<5	<2	4	38	<.2	<2	<2	18	1.29	.163	12	3	.89	227	.04	<3	.65	.06	.19	2	55
134760	14	1286	3	41	.7	6	14	369	5.31	4	<5	<2	2	45	<.2	<2	<2	19	1.37	.148	10	2	.91	161	.05	<3	.56	.07	.23	<2	48
134761	3	1362	<3	38	.6	5	14	455	5.27	3	<5	<2	3	2204	<.2	2	2	16	1.28	.162	13	1	.85	79	.04	<3	.52	.07	.15	<2	44
134762	7	640	<3	40	.4	4	18	376	5.91	6	<5	<2	5	1703	<.2	2	3	14	1.17	.168	9	1	.93	147	.07	<3	.70	.08	.31	<2	13
134763	3	184	16	105	.4	24	20	909	4.87	16	<5	<2	3	166	<.2	3	<2	71	2.69	.141	10	32	1.27	150	.03	<3	.82	.07	.15	<2	6
134764	21	283	18	107	.6	23	50	807	5.59	33	<5	<2	3	106	.2	2	<2	57	2.47	.147	10	22	1.27	32	.01	<3	.61	.04	.11	<2	9
134765	23	368	4	50	.5	6	36	443	5.44	5	<5	<2	4	50	<.2	<2	2	14	1.58	.150	7	1	.91	27	.01	<3	.51	.07	.15	2	15
134766	10	161	<3	47	<.3	6	26	348	5.20	6	<5	<2	4	49	.3	<2	<2	14	1.46	.165	10	<1	.85	35	.02	<3	.58	.06	.17	<2	9
134767	30	291	<3	59	.7	6	36	591	5.77	34	9	<2	3	51	.3	<2	<2	7	2.27	.146	5	1	.96	18	<.01	<3	.51	.05	.14	2	16
STANDARD C2/AU-R	19	57	41	126	6.5	70	35	1093	3.68	43	19	8	35	48	19.3	15	21	69	.50	.099	37	59	.91	189	.07	24	1.89	.06	.12	14	454

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-102

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
134768	14	219	<3	86	<.3	6	25	475	5.16	44	<5	<2	<2	65	<.2	<2	3	12	2.16	.164	5	<1	1.31	26	.01	<3	.56	.04	.16	3	8
134769	14	275	15	128	<.3	22	27	764	4.76	42	5	<2	<2	69	.4	<2	2	37	2.70	.148	6	14	1.39	49	<.01	<3	.60	.03	.12	2	6
134770	8	431	<3	51	<.3	3	15	279	5.10	9	<5	<2	<2	63	<.2	<2	<2	12	1.44	.157	6	<1	.88	60	.02	<3	.52	.06	.17	3	9
134771	12	147	<3	41	<.3	3	24	232	5.04	<2	<5	<2	<2	57	<.2	<2	<2	10	1.47	.137	5	<1	.73	25	.01	<3	.48	.05	.14	4	6
134772	8	458	<3	54	<.3	3	18	291	5.07	10	<5	<2	<2	67	<.2	<2	<2	12	1.54	.151	6	<1	.93	36	.01	<3	.58	.06	.18	3	9
134773	15	763	3	64	.4	5	56	563	4.85	43	<5	<2	<2	70	.3	3	5	13	2.21	.120	4	2	1.13	33	.01	<3	.49	.05	.13	5	96
134774	7	694	3	44	<.3	3	20	226	5.52	5	7	<2	3	59	<.2	<2	3	14	1.24	.144	5	<1	.85	42	.02	<3	.50	.06	.15	2	23
134775	15	1060	<3	50	<.3	5	14	262	5.10	47	<5	<2	<2	74	<.2	<2	2	16	1.48	.138	6	4	.86	55	.01	<3	.51	.06	.11	5	21
134776	6	494	<3	56	<.3	3	19	283	5.62	74	<5	<2	2	65	<.2	<2	<2	14	1.58	.163	10	<1	.98	46	<.01	<3	.60	.05	.12	3	11
134777	20	258	<3	66	.3	5	31	827	5.80	38	<5	<2	2	49	<.2	2	<2	12	2.24	.125	4	<1	1.05	28	<.01	<3	.65	.02	.11	4	15
134778	18	274	9	69	<.3	5	32	727	6.12	45	<5	<2	<2	44	.5	<2	3	14	2.61	.167	6	<1	1.14	25	<.01	<3	.81	.02	.12	3	14
RE 134778	18	283	9	71	<.3	5	33	741	6.23	45	<5	<2	<2	45	.2	2	3	14	2.66	.170	6	1	1.17	24	<.01	<3	.82	.02	.12	3	12
134779	161	291	10	40	.3	16	115	677	7.56	44	<5	<2	<2	65	.3	<2	6	25	3.42	.207	9	12	1.40	19	<.01	<3	.71	.02	.12	5	14
134780	97	246	14	45	<.3	14	91	503	6.03	42	<5	<2	2	62	<.2	<2	3	25	2.75	.176	10	9	1.12	22	<.01	<3	.70	.03	.13	4	10
134781	154	70	9	32	<.3	16	109	290	6.53	14	<5	<2	<2	60	<.2	<2	5	26	2.72	.195	12	10	1.13	17	<.01	<3	.64	.02	.10	5	13
134782	110	508	12	39	<.3	16	151	366	6.84	43	<5	<2	<2	69	.4	<2	5	26	3.06	.143	12	13	1.34	19	<.01	<3	.74	.03	.13	4	35
134783	154	798	6	35	<.3	17	257	478	7.57	54	<5	<2	<2	64	.2	<2	4	25	3.17	.158	10	13	1.39	17	<.01	<3	.64	.02	.11	5	15
STANDARD C2/AU-R	20	59	34	129	6.6	73	36	1078	3.89	45	23	8	34	50	19.9	17	21	69	.52	.104	39	59	.97	185	.07	25	1.86	.06	.13	14	457

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-102

Data 1 FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-0839 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
134657	210	4606	8	59	1.4	20	73	413	3.80	31	<5	<2	2	82	.2	<2	2	16	2.37	.035	9	12	1.21	30	<.01	3	.74	.03	.12	<2	378
134658	244	3792	8	57	.9	24	89	396	4.69	44	7	<2	<2	103	<.2	<2	3	18	2.95	.030	10	12	1.46	29	<.01	3	.55	.08	.11	<2	63
134659	224	259	7	82	.4	19	88	846	4.31	13	<5	<2	2	96	.2	<2	<2	20	3.21	.038	9	13	1.64	36	<.01	3	.63	.04	.13	2	20
134660	97	1283	5	102	.5	24	125	627	3.71	25	<5	<2	3	101	<.2	<2	4	31	3.19	.025	9	21	1.71	27	<.01	3	.61	.04	.14	<2	38
134661	77	3366	5	124	1.1	22	91	1830	4.05	39	<5	<2	2	75	.2	2	2	24	3.04	.031	8	10	1.73	27	<.01	3	.62	.02	.14	<2	110
134662	55	10033	33	147	2.5	21	33	2551	4.34	197	<5	<2	2	64	.2	6	2	19	2.95	.027	8	15	1.67	29	<.01	3	.62	.01	.15	<2	260
134663	73	4000	9	116	.9	21	47	1282	3.94	47	<5	<2	3	81	<.2	<2	<2	26	3.18	.037	7	18	1.81	69	<.01	3	.64	.02	.16	<2	364
134664	105	1848	7	98	<.3	15	27	531	2.88	18	<5	<2	2	88	<.2	<2	<2	25	2.98	.040	7	17	1.66	50	<.01	<3	.73	.02	.14	<2	31
134665	78	1076	6	93	<.3	16	27	345	3.31	36	<5	<2	2	104	<.2	2	<2	29	2.46	.040	6	13	1.50	95	<.01	3	.57	.03	.13	<2	29
134666	40	3457	7	65	.6	18	87	609	4.24	69	<5	<2	2	139	<.2	2	<2	25	2.28	.069	6	23	1.25	30	<.01	3	.68	.04	.13	<2	164
134667	29	4113	6	100	.7	16	7	853	5.01	126	<5	<2	3	160	<.2	4	<2	37	2.38	.084	9	21	1.44	74	.02	3	.88	.04	.20	<2	107
134668	50	9850	12	147	.4	16	18	711	4.15	155	<5	<2	2	71	<.2	5	4	18	2.55	.082	6	12	1.13	16	<.01	<3	.96	.01	.09	<2	185
134669	22	9755	803	217	3.6	25	17	648	3.94	212	<5	<2	3	72	2.8	33	<2	40	2.94	.093	7	25	1.33	25	<.01	3	.87	.02	.15	<2	480
134670	49	5191	909	909	7.5	28	9	2627	4.81	711	5	<2	3	118	8.2	176	<2	32	2.99	.070	11	20	1.55	166	<.01	4	.76	.03	.19	<2	124
134671	96	13392	21	162	2.9	33	7	848	4.47	176	<5	<2	2	151	.3	3	<2	24	3.02	.074	10	13	1.63	71	<.01	4	.62	.05	.16	<2	304
134672	96	7542	46	273	1.8	26	5	1047	3.80	83	<5	<2	3	206	1.3	3	<2	38	2.59	.042	10	30	1.60	100	.01	5	.88	.02	.27	<2	116
134673	81	8176	19	136	1.2	23	6	389	3.18	26	<5	<2	4	155	.4	5	<2	36	2.43	.043	10	20	1.35	40	.01	4	.66	.04	.19	<2	419
134674	104	7201	38	129	1.9	28	7	723	3.56	67	<5	<2	3	177	.5	15	<2	33	3.17	.062	15	20	1.73	175	.01	3	.60	.04	.20	<2	530
134675	89	3845	12	95	.4	19	6	476	3.54	27	<5	<2	4	151	.2	2	2	39	2.54	.039	12	21	1.63	191	.01	4	.65	.05	.18	2	166
134676	46	4525	12	94	.3	21	6	388	3.43	54	<5	<2	3	155	.2	<2	<2	43	2.49	.039	10	26	1.60	163	.01	3	.61	.04	.16	<2	96
134677	146	3647	7	77	.4	18	6	411	3.08	21	<5	<2	3	139	<.2	2	<2	39	2.45	.045	10	22	1.48	69	<.01	4	.62	.03	.15	<2	90
134678	78	8831	7	80	.4	24	5	484	3.42	20	<5	<2	2	229	.2	<2	<2	34	2.98	.162	15	28	1.40	30	<.01	4	.76	.01	.14	<2	152
134679	68	3862	9	113	.5	22	4	607	3.35	11	<5	<2	3	116	.3	<2	<2	37	2.85	.037	10	25	1.63	38	<.01	4	.62	.02	.16	<2	79
RE 134679	67	3822	9	112	.4	22	4	607	3.32	11	<5	<2	2	116	.4	<2	<2	37	2.82	.036	10	25	1.62	38	<.01	4	.62	.02	.16	<2	98
134680	64	7937	9	117	2.0	20	4	906	3.59	35	<5	<2	3	104	.2	<2	<2	33	2.52	.073	9	27	1.40	31	<.01	4	.56	.01	.15	<2	147
134681	35	2391	6	115	1.3	22	5	1075	3.19	11	<5	<2	2	75	.3	2	<2	32	2.76	.028	10	21	1.66	33	<.01	3	.55	.01	.19	<2	56
134682	35	3732	9	108	.5	27	7	656	3.33	6	<5	<2	2	80	.2	<2	<2	35	2.37	.026	9	26	1.59	26	<.01	4	.62	.01	.19	<2	68
134683	49	4167	8	107	1.0	23	6	966	3.42	25	7	<2	3	131	.2	<2	2	29	3.35	.124	12	22	1.70	25	<.01	4	.77	.02	.19	<2	100
134684	98	13038	65	175	2.2	22	6	1512	4.66	65	<5	<2	2	138	.5	<2	2	24	3.30	.210	14	19	1.64	19	<.01	3	.86	.01	.18	<2	132
134685	111	25669	666	273	5.1	34	32	1700	7.06	146	<5	<2	2	163	1.2	7	<2	19	4.38	.774	16	11	1.20	19	<.01	4	1.05	.01	.17	<2	606
134686	83	34466	135	262	10.8	32	16	1052	6.86	388	<5	<2	2	119	.6	14	5	22	3.07	.484	13	19	.83	28	<.01	4	.96	.01	.20	<2	588
134687	99	45692	31	185	10.6	22	12	875	7.42	141	<5	<2	3	169	.4	<2	2	27	4.17	1.100	23	28	1.07	15	<.01	4	1.12	.02	.15	<2	1430
134688	95	23891	15	124	3.1	33	14	511	5.48	43	<5	<2	2	96	<.2	<2	<2	31	2.14	.108	9	25	1.36	43	<.01	4	.78	.01	.23	<2	386
134689	50	4197	9	91	1.3	36	72	557	5.15	20	<5	<2	2	78	.2	2	<2	24	2.35	.044	9	22	1.33	31	<.01	3	.56	.02	.17	<2	473
134690	30	7304	12	113	1.3	24	28	545	4.00	56	<5	<2	3	80	.2	2	2	30	2.53	.054	8	26	1.42	68	<.01	3	.63	.01	.19	<2	130
STANDARD C2/AU-R	19	58	40	130	6.4	74	35	1090	3.79	39	21	7	38	51	18.2	13	19	70	.53	.108	40	62	.99	186	.08	23	1.91	.06	.14	9	475

DDH 97-102

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 25 1997 **DATE REPORT MAILED:** Feb 28/97 **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-0839 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
134691	70	5564	9	96	1.4	25	39	498	4.37	76	5	<2	3	82	.8	2	<2	27	2.23	.039	10	21	1.48	62	<.01	4	.56	.02	.23	<2	66
134692	72	2099	10	86	.4	21	32	484	4.79	33	<5	<2	2	86	.9	<2	<2	32	2.50	.056	11	19	1.42	46	.01	3	.62	.03	.22	<2	2
134693	213	2358	10	103	.7	20	47	1298	5.37	81	<5	<2	2	89	1.0	<2	<2	27	3.02	.044	11	24	1.66	46	<.01	3	.66	.02	.22	<2	47
RE 134693	211	2409	10	102	.6	20	48	1312	5.46	84	<5	<2	2	90	1.0	3	2	27	3.04	.046	11	24	1.66	45	<.01	4	.67	.02	.23	<2	124
134694	310	3195	9	139	1.2	16	44	2395	5.86	69	<5	<2	2	103	1.1	3	2	31	3.10	.062	10	27	1.58	44	<.01	3	.72	.01	.19	<2	39
134695	105	2267	6	95	1.3	14	52	1911	5.04	64	<5	<2	3	145	1.0	<2	<2	23	2.51	.079	6	23	1.28	43	<.01	3	.68	.02	.18	<2	51
134696	13	2303	7	77	.6	13	39	595	5.13	18	<5	<2	2	170	.9	<2	<2	29	2.02	.099	8	19	1.27	69	.02	4	.57	.06	.18	<2	64
134697	32	2134	7	66	.5	10	27	325	4.25	10	<5	<2	3	181	.7	<2	<2	23	1.83	.106	8	15	1.12	84	.01	3	.48	.07	.14	2	44
134698	109	2021	9	72	.5	9	58	547	5.67	80	<5	<2	2	126	.9	2	<2	17	2.60	.092	7	7	1.46	33	<.01	5	.46	.07	.13	<2	75
134699	32	2024	5	52	<.3	7	25	339	4.56	51	<5	<2	2	136	.8	<2	<2	16	1.61	.095	7	9	1.07	48	.02	3	.48	.08	.12	2	30
134700	4	2119	8	59	.5	27	24	286	5.48	7	<5	<2	2	178	.9	<2	<2	47	1.41	.080	6	53	1.57	83	.07	3	.88	.06	.49	<2	62
134784	174	272	12	36	<.3	17	98	382	5.98	39	<5	<2	3	61	1.0	<2	2	24	2.80	.091	10	20	1.33	24	<.01	3	.79	.02	.13	3	17
134785	160	1244	8	33	.3	16	100	504	5.17	68	<5	<2	3	60	1.0	<2	<2	26	3.04	.091	10	20	1.40	27	<.01	3	.87	.01	.12	<2	36
134786	210	1760	10	36	.4	15	109	437	6.15	57	<5	<2	2	53	.8	4	2	24	2.69	.098	10	23	1.22	23	<.01	3	.81	.02	.10	4	585
134787	377	2901	13	88	.8	13	118	360	7.04	66	<5	<2	2	50	1.1	<2	<2	20	1.93	.083	7	15	1.08	27	<.01	3	.81	.02	.11	<2	104
134788	493	3462	9	60	1.0	16	133	510	7.66	36	<5	<2	2	54	.9	<2	<2	21	2.55	.077	9	18	1.20	23	<.01	<3	.78	.01	.14	2	160
134789	337	2923	12	72	.9	18	142	627	7.07	47	<5	<2	2	61	.9	<2	<2	26	2.65	.067	8	21	1.35	21	<.01	3	.67	.03	.15	<2	121
134790	457	3616	19	77	1.9	22	91	518	7.35	128	<5	<2	2	59	1.2	7	2	21	2.64	.053	8	31	1.37	20	<.01	3	.58	.03	.14	2	69
134791	694	3699	36	131	3.1	28	66	800	7.70	372	<5	<2	3	61	2.1	32	<2	21	3.04	.050	9	19	1.42	23	<.01	<3	.72	.01	.15	<2	92
134792	314	2266	13	45	1.5	21	99	1120	5.76	130	<5	<2	2	60	.9	3	3	17	3.10	.190	11	17	1.24	25	<.01	3	.76	.01	.16	3	35
134793	454	3630	10	50	3.7	25	318	1735	6.65	52	<5	<2	2	54	1.0	<2	2	14	3.01	.104	7	14	1.29	21	<.01	3	.79	.01	.16	<2	677
134794	502	9145	14	78	5.9	21	178	1073	7.86	122	<5	<2	2	52	1.2	<2	<2	18	2.88	.131	8	15	1.32	20	<.01	3	.58	.02	.12	<2	94
134795	15	493	7	36	<.3	11	35	1513	2.73	28	<5	<2	2	57	.3	<2	<2	13	3.50	.252	13	10	1.35	19	<.01	3	.80	.01	.19	<2	61
134796	19	4102	9	37	2.4	16	103	1321	4.05	39	<5	<2	3	41	.8	<2	<2	11	2.51	.178	10	13	.97	17	<.01	3	.77	.01	.18	2	40
134797	28	6443	13	49	2.4	28	43	962	4.98	90	<5	<2	2	76	1.1	<2	2	20	3.27	.077	13	11	1.45	21	<.01	<3	.73	.01	.13	<2	118
134798	55	9822	15	47	2.4	44	58	578	5.27	80	<5	<2	2	75	.9	<2	<2	29	3.45	.075	13	17	1.57	33	<.01	<3	.64	.01	.12	<2	289
134799	65	9246	10	50	2.5	25	54	487	4.01	56	<5	<2	2	85	.8	<2	3	30	3.58	.043	15	16	1.73	37	<.01	3	.73	.02	.13	<2	223
134800	119	3322	9	38	1.4	48	305	475	7.38	43	<5	<2	2	53	1.0	3	<2	18	2.28	.103	10	14	1.05	23	<.01	4	.54	.02	.14	<2	54
150390	19	1114	4	60	<.3	8	30	729	4.44	9	<5	<2	2	142	.7	<2	<2	15	1.78	.040	5	8	1.00	44	.01	3	.46	.08	.16	<2	170
150391	29	1359	6	64	<.3	6	53	1080	4.51	15	<5	<2	<2	92	.7	<2	2	12	1.72	.044	4	8	.92	33	.01	3	.40	.07	.15	3	16
150392	43	1839	6	74	.5	9	44	1463	6.35	14	<5	<2	<2	84	1.1	<2	2	11	1.42	.057	4	11	.96	26	<.01	4	.49	.08	.16	2	87
150393	27	3214	<3	60	.8	7	41	1337	5.08	15	<5	<2	<2	79	.7	<2	<2	12	1.46	.164	8	11	.86	22	<.01	4	.44	.08	.15	3	121
150394	13	1223	5	53	<.3	6	27	817	5.19	7	<5	<2	3	64	.7	<2	<2	17	1.71	.161	8	9	.99	53	.02	<3	.58	.08	.14	2	31
150395	20	1630	3	82	.4	8	36	1964	4.87	64	<5	<2	2	61	.6	<2	<2	13	1.61	.147	7	11	1.08	25	<.01	3	.67	.05	.17	3	21
150396	173	2528	6	59	1.0	8	82	1067	5.50	18	<5	3	2	79	1.1	<2	<2	11	1.95	.097	9	10	1.04	35	.01	<3	.52	.08	.13	2	83
STANDARD C2/AU-R	20	61	39	129	7.4	73	35	1111	3.84	43	25	8	39	53	19.2	15	19	71	.51	.109	41	63	.94	199	.08	25	1.88	.06	.15	11	430

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All DDH 97-102

Data___ FA ___

201-46 HRL

201-46 HRL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
150397	25	1675	3	51	.4	3	52	488	5.01	6	<5	<2	<2	75	.3	<2	2	18	1.77	.104	7	8	1.01	50	.01	5	.47	.06	.13	4	152
150398	4	2054	6	56	.3	5	30	569	4.38	<2	<5	<2	<2	64	.2	<2	2	21	1.37	.121	8	9	1.07	59	.02	6	.50	.07	.19	3	107
RE 150398	3	2045	5	55	.3	2	28	571	4.34	<2	<5	<2	<2	63	<.2	<2	3	21	1.37	.121	8	9	1.07	74	.02	3	.49	.06	.19	3	71
150399	5	4676	7	63	1.3	7	18	960	5.32	2	<5	<2	<2	64	<.2	<2	<2	25	1.55	.130	10	15	1.21	65	.06	<3	.55	.06	.29	<2	327
150400	15	3148	7	55	.6	<1	14	782	5.76	15	<5	<2	<2	46	.3	<2	<2	19	1.66	.157	12	<1	.96	47	.03	6	.90	.03	.12	2	111
120251 B	3	2054	6	67	.7	<1	13	864	5.84	2	<5	<2	<2	47	.3	2	<2	20	1.18	.162	13	3	.90	172	.08	3	.60	.06	.27	5	126
120252 B	2	1657	7	55	.9	<1	38	880	5.87	5	<5	<2	<2	37	<.2	<2	<2	17	1.51	.149	8	4	.81	40	.04	5	.49	.07	.23	3	118
120253 B	2	2148	7	57	.5	<1	22	372	5.38	3	<5	<2	<2	52	<.2	<2	3	16	1.41	.170	10	4	.87	36	.04	3	.49	.07	.22	5	101
120254 B	5	1777	25	111	.5	5	34	412	5.55	<2	<5	<2	<2	43	.4	<2	<2	24	1.80	.134	8	23	1.15	37	.05	<3	.65	.09	.41	4	108
120255 B	2	1987	11	129	.9	2	18	782	5.74	5	<5	<2	<2	47	<.2	<2	<2	21	1.40	.146	12	9	1.13	72	.08	5	.59	.07	.35	5	86
120256 B	4	4829	7	65	.6	2	14	282	7.12	3	<5	<2	7	72	<.2	<2	2	31	.95	.127	18	10	1.05	88	.10	3	.61	.10	.40	4	157
120257 B	6	3112	10	71	1.0	3	19	612	4.45	9	<5	<2	<2	66	.4	<2	<2	12	1.49	.111	7	3	.91	38	.01	<3	.33	.05	.16	2	96
120258 B	3	1091	6	65	.9	22	13	526	3.44	14	<5	<2	<2	174	<.2	<2	<2	70	1.40	.108	14	41	1.28	368	.17	3	.82	.07	.60	5	71
120259 B	1	837	11	71	<.3	56	21	619	3.25	19	<5	<2	<2	60	<.2	<2	<2	58	2.16	.104	14	31	1.08	50	.05	<3	.79	.02	.23	5	44
STANDARD C2/AU-R	20	54	42	131	7.0	69	36	1135	3.95	46	19	7	32	51	20.1	13	20	70	.52	.109	42	62	.96	189	.08	24	1.90	.06	.15	14	449

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-102

Data FA

Hole No. **97-103**
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AC#: 97-0883

Location: 9997 W; 9955 S	BOOKER GOLD EXPLORATIONS LTD.		Hole No: 97-103
Azimuth: 110°	Dips - collar -60 °	Contractor: J.T THOMAS	Property: HEARNE HILL
Elevation:	- m °	Logged by: B.G.	Claim No. Hearne
Length: 235.2 m (771.5')	-235.2 m -63 °	Date: Feb. 22/96	Section No.
Core size: NQ	- m °		Started: Feb. 21/96
Purpose: to determine if Blande Zone is offset to NE			Completed: Feb. 24/96

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	3.0	Casing, no core													
3.0	6.0	strongly fractured BFP			no sulphides				120260-B	3.0	6.0	314	21	<.3	6
		abundant FeOx throughout													
6.0	26.3	Biotite Feldspar Porphyry	6.0	26.3	Potassic										
		DK grey, f.g. to m.g.			Py >> Cp, Cp < 0.1%	<1	var	Py-Cp ± hem	261-B	7.0	9.8	245	11	<.3	5
		-plag. as 2-3 mm laths			Py in stringers, dissem.			(mag)	262-B	9.8	11.3	425	16	<.3	36
		(alt'd)			& some stckwk veinlets				263-B	11.3	14.3	410	13	<.3	17
		-Kspar abundant f.g.			trace Cp in stringers				264-B	14.3	17.4	257	8	<.3	4
					+ dissem.				265-B	17.4	20.4	594	25	<.3	11
									266-B	20.4	23.5	228	5	<.3	2
					at 10.8 m				267-B	23.5	26.5	339	11	<.3	5
					Feox, ± Py ± Cp. in	4	50	Py-FeOx ± Cp							
					veinlet										
	at	26.3 m.													
		contact btwn Potassic													
		+ Phyllic alt'd BFP													
		@ 35° to C.A.													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
26.3	43.8	Biotite Feldspar Porphyry	26.3	43.8	Phyllic				120264-B	26.5	29.6	505	17	.3	7
		Bleached, white to med.			Py in stringers, stckwk	1-4	25-65	Py-carb-hem	269-B	29.6	32.6	305	18	<.3	7
		grey very fg. alt'd			veinlets + dissem w				270-B	32.6	35.7	284	11	<.3	7
		BFP			sparry calcite cement				271-B	35.7	38.7	464	28	.3	51
		fract. closely spaced			on some fract.				272-B	38.7	41.8	318	16	<.3	6
		0.1-0.4m apart			No Cp.				273-B	41.8	44.8	361	12	<.3	3
					hem. in thin <1 mm										
					veinlets										
	at	43.8m													
		contact of phyllic BFP													
		w sericit alt'd BFP dyke													
		@ ~90° to C.A.													
43.8	50.9	BFP Dyke			43.8-44.6m				274-B	44.8	47.9	134	4	.3	<1
		fresh looking to (splotchy)			weak / advanced argillic				275-B	47.9	50.9	178	3	<.3	1
		grey/white			plag. alt'd to sericite										
		Dyke is gradational			preserving zoning										
		W.R.T. alteration +			biot alt'd to dull ten										
		mineralogy			color										
		upper contact is light													
		grey w alt'd plag. phenos													
		as 2-6 mm laths													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(43.8 - 50.9 m cont.)													
		above grades to dk grey													
		biot rich (1%) groundmass													
		supported BFP ū zoned													
		laths of plag. (2-8mm)													
		+ less crowded.													
		-grading to light green/													
		grey BFP ū chl./epid.													
		alt'd plag.													
					50.4 - 50.9 m	1	35-60°	Py - hem (mag)							
					Stckwked veinlets ū			-Cp.							
					Py + hem + tr. Cp.										
509	235.2	Andesitic Hornfels/Rhyodacite	50.9	93.5	Phyllic / Potassic				120276-B	50.9	53.9	309	16	<.3	4
		light grey/white to			alternating in irreg.				277-B	53.9	57.0	238	12	<.3	4
		dk. grey, otterating			secn's 0.8 - 1.0m long.				278-B	57.0	60.0	166	7	<.3	2
		units of and. Hornfels (50%)							279-B	60.0	63.1	210	7	<.3	12
		rhyodacite (30%) + phyllic/							280-B	63.1	66.1	191	8	<.3	5
		potassic BFP (20%)							281-B	66.1	69.2	176	6	.3	7
		-And. Hornfels - light grey							282-B	69.2	72.2	238	5	<.3	4
		stckwked + weakly magnet.							283-B	72.2	75.3	265	23	.4	6
		-Rhyodacite - reddish white							284-B	75.3	78.3	401	14	.3	4
		ū speckled hem.							285-B	78.3	81.4	317	6	<.3	4
		-Both and. Hornfels + rhyodac.							286-B	81.4	84.4	405	10	.3	9

Hole No. 97-103
Page 4 of 6

Section from m	Section to m	ROCK DESCRIPTION (50.9 - 235.2m (cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		have stckwk veinlets			Py ~ 5-8% stckwks	1-5	0-90		10287-B	84.4	87.5	1034	22	.4	33.
		1-5 mm wide ῶ abundant			in and. Hornfels + rhyodac.				288-B	87.5	90.5	359	5	.3	5
		fract. (5-20 per 0.5m)			Cp only as small irreg.				289-B	90.5	93.5	970	14	.3	25
		-some fract. coated ῶ			blebs + occasional veinlet										
		sulphurous dust + chl./			ῶ Py, Cp < 0.1%										
		epid.													
		-BFP units are thin and													
		discontinuous													
		93.5 - 108.8	93.5	108.8					290-B	93.5	96.6	601	9	<.3	99
		Alt'd BFP			Potassic / Phyllic				291-B	96.6	99.7	260	6	<.3	30
		Bleached, alternating white			stckwked veinlets	1-3	20-70	Py - Cp	292-B	99.7	102.7	314	6	<.3	17
		to dk grey			carrying 5-10% Py, 0.5-1.0%				293-B	102.7	105.8	765	6	.3	11
		moderately hard. 3-4			Cp, 0.7% Cu				294-B	105.8	108.8	691	11	.6	14
									295-B	108.8	111.9	1019	9	.6	25
		108.8 - 114.9	108.	114.9	strong Phyllic				296-B	111.9	114.9	1093	24	1.3	42
		Rubbly breccia			1% Py, < 0.5% Cp				297-B	114.9	118.0	456	11	.4	10
		bleached, light grey/white			Py in veinlets + stckwk	1-2	var	Py - hem - carb	298-B	118.0	121.0	412	12	.3	5
		very soft, h=2			veinlets				299-B	121.0	124.0	275	6	.4	4
					hem. in stringers ῶ				300-B	124.0	127.1	254	25	.3	4
					variable orientation				301-B	127.1	130.1	122	21	.3	3
									302-B	130.1	133.2	183	8	<.3	2
									303-B	133.2	136.2	594	8	.5	1
									304-B	136.2	139.3	771	32	.3	2

Hole No. 97-103
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		148.4 - 150.2 m	\	(	stckwked veinlets ±	1-2	var.	Py - Cp	120305-B	139.3	142.4	834	22	.4	5
		light grey and. hornfels			Py > Cp, 1-1.5% Cp, 0.7% Cu				306-B	142.4	145.4	291	14	.4	3
		fractured 5 per 0.5m							307-B	145.4	148.4	483	20	.4	5
									308-B	148.4	151.5	459	12	<.3	5
	at	149.2 m		at	149.2m				309B	151.5	154.5	295	14	<.3	9
		secondary Cp veinlet			Cp veinlet 2cm long x	4	60	Cp - carb - Py	310-B	154.5	157.6	160	21	.4	13
		cemented by calcite			4mm wide				311-B	157.6	160.6	76	9	<.3	2
		-offsets previous Py							312-B	160.6	163.7	65	5	<.3	2
		veinlet by 1.2cm @													
		20° to C.A.								163.7	166.7	(not split)			
		153.9 - 157.2m			153.9 - 157.2 m				313-B	166.7	169.7	124	13	<.3	1
		Rubbly breccia			strong phyllic	1-3	Var.	stckwked,							
		Bleached, white to light grey			Py > Cp			rubbly Py,		169.7	172.9	(not split)			
		stckwed veinlets of Py			2% Py, <0.5% Cp, Cu - 0.2%			carb. cement							
		where competent			- carb. cement (calc./dol.)			(calc + dol)	314-B	172.9	175.9	119	8	<.3	1
		overall hardness = 3						Py - carb - Cp							
		fract. closely spaced						± hem		175.9	178.9	(not split)			
		1 per 10 cm @ 45°-70° to C.A													
									315-B	178.9	181.9	45	3	<.3	6
	at	217.0													
		slickensides in bleached								181.9	185.0	(not split)			
		white / light grey strongly													
		phyllic and. Hornfels							316-B	185.0	188.1	60	7	<.3	5
		slick. plane @ 15° to C.A.													
		raking 50° to C.A.								188.1	191.1	(not split)			

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		218.3 – 222.8 m						
		altd rhyodacite/andes	218.3	222.8	Phyllic			
		Hornfels; bleached to			stckwk veinlets	1-3	35-50	Py – hem
		light grey			hem as oxide coatings			
		-advanced stckwk			to strongly phyllic altd			
		veinlets w intermittent			clasts			
		rubbly brxx - hardness: 2-3						
at	235.2	B.O.H.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
120317-B	191.1	194.2	71	4	<.3	3
	194.2	197.2	(not split)			
318-B	197.2	200.2	78	6	<.3	2
	200.2	203.3	(not split)			
319-B	203.3	206.3	81	6	<.3	4
	206.3	209.4	(not split)			
320-B	209.4	212.4	612	32	.4	2
	212.4	215.4	(not split)			
321-B	215.4	218.5	91	5	.3	2
	218.5	221.6	(not split)			
322-B	221.6	223.4	58	3	<.3	2
	223.4	227.7	(not split)			
323-B	227.7	230.7	141	8	<.3	4
	230.7	233.9	(not split)			
324-B	233.8	235.8	58	5	<.3	2

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-0883 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
120260 B	6	314	8	58	<.3	5	10	510	5.99	11	<5	<2	2	14	<.2	<2	2	15	.68	.198	14	<1	.69	146	.06	<3	.65	.08	.27	4	21
120261 B	5	245	20	153	<.3	8	14	2070	5.80	16	<5	<2	2	17	.2	<2	<2	14	.98	.198	14	1	.86	198	.05	<3	.66	.10	.23	2	11
120262 B	36	425	<3	53	<.3	8	18	485	6.48	14	<5	<2	2	18	<.2	<2	<2	14	1.08	.187	13	1	1.01	51	.08	<3	.86	.08	.33	5	16
120263 B	17	410	7	71	<.3	3	16	635	6.73	10	<5	<2	3	16	<.2	<2	2	15	1.00	.194	14	<1	1.02	104	.07	<3	1.05	.10	.32	4	13
120264 B	4	257	15	101	<.3	4	12	903	5.82	11	<5	<2	2	19	.5	<2	2	12	1.28	.194	13	1	.86	155	.06	<3	.75	.07	.29	4	8
120265 B	11	594	19	108	<.3	4	19	636	5.90	11	<5	<2	2	14	.2	<2	<2	13	.78	.190	11	2	.99	131	.10	<3	1.07	.09	.42	5	25
120266 B	2	228	4	50	<.3	2	13	473	6.02	15	<5	<2	3	26	<.2	<2	2	12	1.37	.191	11	<1	1.03	65	.05	<3	.81	.04	.25	2	5
120267 B	5	339	13	89	<.3	3	15	641	5.72	12	<5	<2	2	25	.2	<2	<2	12	1.28	.190	9	<1	.94	38	.07	<3	.91	.06	.40	3	11
120268 B	7	505	10	81	.3	3	26	855	5.80	40	<5	<2	<2	26	<.2	<2	<2	13	1.30	.197	5	<1	.54	24	<.01	<3	.96	.02	.12	3	17
120269 B	7	305	9	83	<.3	5	15	923	5.67	49	<5	<2	<2	19	<.2	2	2	12	1.28	.175	6	1	.58	23	<.01	<3	1.09	.02	.14	2	18
120270 B	7	284	10	97	<.3	3	13	727	5.07	25	<5	<2	<2	35	.4	2	2	11	1.61	.181	6	<1	.74	21	.01	<3	.72	.04	.13	4	11
120271 B	51	464	12	61	.3	4	19	623	5.47	35	<5	<2	2	69	.3	<2	<2	10	2.11	.142	5	6	.83	20	<.01	<3	.59	.06	.12	4	28
120272 B	6	318	9	96	<.3	5	14	436	4.75	25	<5	<2	<2	70	.2	<2	<2	11	1.83	.166	5	<1	.82	36	.01	<3	.65	.06	.12	5	16
120273 B	3	361	11	87	<.3	13	11	461	4.40	85	5	<2	<2	50	<.2	<2	<2	31	1.65	.150	7	10	.85	37	.01	<3	.71	.03	.12	3	12
120274 B	<1	134	10	63	.3	25	12	258	3.47	7	<5	<2	2	89	.2	<2	<2	69	1.50	.098	11	30	1.02	468	.04	<3	.44	.05	.12	4	4
120275 B	1	167	7	53	<.3	21	11	280	3.80	10	<5	<2	3	66	<.2	<2	<2	56	1.47	.121	10	26	.97	75	.04	<3	.49	.06	.11	3	3
RE 120275 B	1	178	4	52	<.3	21	11	276	3.74	9	<5	<2	2	65	.3	<2	<2	56	1.45	.121	10	26	.96	76	.03	<3	.48	.06	.11	3	3
120276 B	4	309	4	53	<.3	7	15	382	4.72	9	<5	<2	2	51	.4	<2	<2	16	1.59	.180	11	<1	.82	26	.01	<3	.35	.07	.06	3	16
120277 B	4	238	9	51	<.3	7	19	341	6.87	8	<5	<2	<2	53	<.2	<2	2	27	1.12	.155	8	19	.80	45	.03	<3	.61	.07	.21	3	12
120278 B	2	166	12	95	<.3	3	16	786	5.24	18	<5	<2	<2	43	.2	<2	2	11	1.56	.169	8	<1	.66	44	.01	<3	.48	.04	.07	3	7
120279 B	12	210	11	78	<.3	3	28	623	5.46	10	<5	<2	<2	44	<.2	<2	<2	11	1.51	.174	10	2	.71	46	.01	<3	.52	.06	.08	3	7
120280 B	5	191	<3	65	<.3	2	16	538	5.04	8	<5	<2	2	34	<.2	<2	2	12	1.08	.195	10	<1	.59	64	.02	<3	.54	.04	.11	2	8
120281 B	7	176	8	90	.3	4	22	723	5.85	25	<5	<2	2	51	<.2	2	<2	10	2.05	.167	6	<1	.91	30	.01	<3	.57	.06	.14	3	6
120282 B	4	238	9	80	<.3	2	13	500	4.59	20	<5	<2	2	53	<.2	<2	<2	9	1.91	.177	7	<1	.90	58	.01	<3	.48	.03	.12	2	5
120283 B	6	265	15	129	.4	5	33	857	7.24	242	<5	<2	<2	46	<.2	4	3	8	1.92	.156	6	<1	.84	15	.01	<3	.57	.03	.14	3	23
120284 B	4	401	20	112	.3	1	13	1061	5.42	29	<5	<2	2	36	<.2	<2	<2	10	1.56	.185	9	<1	.79	28	.02	<3	.48	.05	.16	3	14
120285 B	4	317	14	77	<.3	3	12	684	5.52	7	<5	<2	<2	22	<.2	<2	<2	11	1.30	.178	9	2	.95	40	.03	<3	.70	.07	.12	3	6
120286 B	9	405	108	305	.3	4	13	2494	6.05	15	<5	<2	2	43	.8	<2	<2	11	1.14	.170	6	<1	.85	44	.06	<3	.77	.07	.38	3	10
120287 B	33	1034	5	58	.4	5	21	339	5.63	4	<5	<2	<2	54	<.2	<2	5	15	.99	.146	6	6	.70	39	.03	<3	.64	.08	.24	5	22
120288 B	5	359	13	82	.3	3	16	734	5.73	8	<5	<2	<2	36	<.2	<2	4	12	1.07	.176	8	<1	.73	81	.03	<3	.52	.07	.21	5	5
120289 B	25	970	<3	41	.3	3	20	311	5.55	6	<5	<2	<2	54	<.2	<2	2	13	1.10	.177	6	3	.85	63	.03	<3	.56	.08	.21	4	14
120290 B	99	601	<3	38	<.3	4	22	379	6.11	7	<5	<2	<2	47	<.2	<2	<2	14	.93	.186	9	<1	.93	58	.05	<3	.58	.09	.29	4	9
120291 B	30	260	6	61	<.3	4	16	584	6.13	8	<5	<2	<2	662	<.2	<2	<2	13	.97	.188	12	3	.94	99	.06	<3	.64	.07	.28	2	6
120292 B	17	314	8	49	<.3	3	14	426	5.75	7	<5	<2	2	40	<.2	<2	2	13	1.06	.191	9	<1	.78	128	.04	<3	.56	.07	.22	3	6
120293 B	11	765	8	47	.3	4	26	467	6.28	13	<5	<2	2	39	<.2	2	<2	13	1.19	.183	8	4	.99	71	.03	<3	.81	.06	.21	3	6
STANDARD C2/AU-R	19	57	35	128	6.9	69	35	1118	3.73	44	19	8	37	51	19.5	16	16	69	.52	.104	38	56	.93	190	.08	23	1.89	.06	.15	14	463

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ADH
97-103

DATE RECEIVED: FEB 27 1997 DATE REPORT MAILED: March 5/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data 4 FA

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-0883

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
120294 B	14	691	13	68	.6	4	23	862	6.00	11	<5	<2	2	29	.2	<2	<2	12	1.17	.174	6	1	.86	63	.04	<3	.64	.07	.22	5	11
120295 B	25	1019	16	95	.6	4	28	973	5.61	95	<5	<2	2	19	<.2	2	2	17	1.32	.211	6	<1	.64	24	.01	<3	.98	.02	.12	3	9
120296 B	42	1093	26	130	1.3	4	26	1123	5.85	70	<5	<2	<2	19	.4	2	<2	15	1.43	.164	4	<1	.84	19	<.01	<3	.98	.01	.08	2	24
120297 B	10	456	12	96	.4	2	16	1085	5.49	10	<5	<2	<2	27	.3	<2	2	10	1.31	.182	7	<1	.87	38	.02	<3	.54	.04	.13	3	11
120298 B	5	412	13	49	.3	3	21	424	5.69	3	<5	<2	<2	41	<.2	2	<2	11	1.32	.175	5	<1	.87	30	.03	<3	.53	.05	.17	3	12
120299 B	4	275	9	34	.4	2	20	286	5.33	6	<5	<2	2	37	.3	<2	4	10	1.20	.173	3	<1	.57	19	.01	<3	.44	.05	.12	3	6
120300 B	4	254	11	46	.3	1	20	352	5.46	<2	6	<2	<2	25	<.2	<2	<2	9	1.22	.181	3	<1	.75	36	.02	<3	.41	.05	.15	3	25
120301 B	3	122	10	51	.3	3	23	321	6.31	3	<5	<2	<2	27	<.2	<2	2	9	1.44	.183	4	<1	.83	24	.02	<3	.52	.05	.18	3	21
120302 B	2	183	<3	42	<.3	2	16	302	5.93	<2	<5	<2	<2	14	<.2	<2	<2	14	.89	.177	5	<1	1.06	52	.02	<3	.87	.04	.17	3	8
120303 B	1	594	9	41	.5	3	14	314	6.38	2	<5	<2	<2	13	<.2	<2	<2	16	.89	.183	6	<1	1.17	64	.04	<3	1.06	.06	.22	3	8
120304 B	2	771	7	38	.3	4	20	332	6.54	<2	<5	<2	<2	13	<.2	<2	<2	16	.89	.177	6	<1	1.16	76	.07	<3	1.05	.06	.38	4	32
120305 B	5	834	3	38	.4	4	18	326	6.32	3	<5	<2	<2	14	<.2	<2	3	18	.85	.174	5	4	1.57	80	.11	<3	1.32	.07	.72	3	22
120306 B	3	291	<3	37	.4	3	15	351	6.50	2	<5	<2	<2	18	<.2	<2	<2	17	1.10	.172	6	<1	1.34	77	.08	<3	.91	.07	.52	4	14
120307 B	5	483	<3	34	.4	3	19	282	6.83	<2	<5	<2	3	16	<.2	<2	3	20	.92	.176	5	<1	1.36	60	.08	<3	1.08	.06	.51	3	20
120308 B	5	459	<3	34	<.3	3	15	255	6.54	<2	<5	<2	3	18	<.2	<2	<2	16	1.12	.166	5	1	1.25	69	.06	<3	.99	.07	.39	5	12
120309 B	9	295	5	47	<.3	3	126	313	8.24	38	<5	<2	<2	32	<.2	<2	3	13	1.49	.154	2	<1	.87	14	.01	<3	.52	.05	.14	4	14
120310 B	13	160	4	64	.4	5	87	1126	7.64	214	<5	<2	<2	25	<.2	4	4	13	1.79	.085	2	<1	.83	13	<.01	<3	.61	.01	.08	4	21
120311 B	2	73	6	50	<.3	4	24	337	5.36	8	<5	<2	<2	44	.2	<2	<2	13	1.50	.129	3	1	.91	37	.01	<3	.52	.04	.10	3	6
RE 120311 B	2	76	<3	51	<.3	5	25	340	5.48	3	<5	<2	2	45	<.2	<2	<2	13	1.52	.128	3	2	.93	37	.01	<3	.53	.04	.10	4	9
120312 B	2	65	3	48	<.3	3	18	319	5.90	<2	<5	<2	<2	47	<.2	<2	2	13	1.33	.112	2	<1	1.10	20	.02	<3	.45	.05	.17	4	5
120313 B	1	124	<3	46	<.3	3	85	279	6.68	3	<5	<2	2	625	<.2	<2	<2	12	1.32	.134	4	<1	1.09	22	.02	<3	.42	.06	.18	3	13
120314 B	1	119	8	61	<.3	3	34	479	5.68	4	<5	<2	2	49	<.2	<2	<2	14	1.27	.152	5	1	.97	58	.02	<3	.42	.07	.15	4	8
120315 B	6	45	<3	40	<.3	3	22	279	5.83	<2	<5	<2	2	59	.2	<2	<2	16	1.15	.142	5	2	1.02	48	.03	<3	.48	.07	.18	3	3
120316 B	5	60	<3	41	<.3	3	14	537	5.17	<2	<5	<2	2	62	<.2	<2	<2	14	.97	.128	9	2	1.20	72	.04	<3	.43	.07	.19	3	7
120317 B	3	71	<3	59	<.3	3	31	790	5.68	<2	<5	<2	3	31	<.2	<2	<2	13	1.07	.137	11	2	1.16	42	.02	<3	.33	.06	.06	3	4
120318 B	2	78	7	59	<.3	10	12	1538	6.35	4	<5	<2	<2	25	<.2	<2	4	48	1.49	.120	7	19	1.61	61	.06	<3	.72	.06	.37	3	6
120319 B	4	81	4	38	<.3	13	27	708	7.52	315	<5	<2	2	25	<.2	3	<2	42	1.23	.126	6	14	.88	11	.01	<3	.69	.03	.08	3	6
120320 B	2	612	<3	72	.4	8	45	1159	7.74	50	<5	<2	2	32	<.2	<2	<2	23	1.64	.152	3	4	1.00	23	.01	<3	.81	.03	.08	3	32
120321 B	2	91	3	71	.3	3	13	1336	5.75	58	<5	<2	3	27	.2	2	<2	13	1.54	.161	8	<1	.83	23	<.01	<3	.81	.02	.04	2	5
120322 B	2	58	5	99	<.3	3	13	1254	5.44	94	<5	<2	3	31	<.2	2	<2	12	1.09	.147	9	<1	.60	22	.01	<3	.63	.03	.02	3	3
120323 B	4	141	6	74	<.3	3	15	1055	5.90	12	<5	<2	4	38	<.2	<2	<2	14	1.64	.150	7	<1	1.05	41	.01	<3	.60	.03	.07	3	8
120324 B	2	58	<3	73	<.3	3	10	793	6.12	97	5	<2	<2	36	.4	2	<2	12	1.82	.101	3	<1	.96	18	<.01	<3	.57	.03	.05	4	5
120325 B	1	62	<3	41	<.3	2	3	732	3.95	13	<5	<2	2	10	<.2	<2	4	5	.44	.037	3	2	.36	17	.02	<3	.19	.06	.01	4	4
120326 B	1	17	6	24	<.3	3	2	609	4.28	4	<5	<2	2	13	<.2	<2	<2	1	.62	.034	3	8	.25	11	.04	<3	.16	.07	.04	5	2
120327 B	1	104	5	86	<.3	16	14	1376	4.99	27	<5	<2	2	29	<.2	<2	2	30	.99	.061	8	15	.76	32	.01	<3	.31	.04	.10	4	5
STANDARD C2/AU-R	20	58	33	131	6.9	71	36	1115	3.81	44	21	8	37	51	19.6	19	19	71	.52	.104	38	61	.94	196	.08	23	1.89	.06	.15	15	450

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH - 97-103

DDH - 97-104

Data ___ FA ___

AC #'s: 97-0883
97-0957

Hole No. 97-104
Page 1 of 4

Location: 9576w; 9560S	BOOKER GOLD EXPLORATIONS LTD.		Hole No: 97-104
Azimuth: 155°	Dips - collar -60 °	Contractor: J.T.T.	Property: HEARNE HILL
Elevation:	- m °	Logged by: B.G.	Claim No. Hearne 1
Length: 205.4m (673.7')	- 205.4 m -64 °	Date: Feb. 22/97	Section No.
Core size: NQ	- m °		Started: Feb. 22/97
Purpose: to intersect IP anomaly to SE.			Completed: Feb. 23/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	3.2	Casing, no core.													
3.2	19.3	Andesitic hornfels/Rhodocite	3.2	19.3	Advanced stckwk w	1-2	var.	stckwked	120325-B	6.1	8.2	62	4	<.3	1
		light blue-grey to white			web-like pattern of			veinlets		8.2	11.3	(not split)			
		- extremely siliciceous +			hem + qtz veins			Qtz-hem (mag)	326-B	11.3	14.3	17	2	<.3	1
		hard. (H=5)			Py as subhedral masses			- Py		14.3	17.4	(not	split)		
		densely fractured. w 1 per			w hem. in stckwks.				327-B	17.4	20.4	104	5	<.3	1
		10-20° @ 60-70° to C.A.			-disseminated Py found										
		-coated w calcite + limonite			in dense stckwk areas, in										
		-core is aphanitic w pink			lighter zones.										
		area probably Rhodonite.													
		-lighter stckwk zones more mineralized													
	at	19.3 m.		at	19.3m										
		contact of and. hornfels/			Phyllic										
		rhyodacite w Biotite			- abundant sericite w										
		Feldspar Porphyry @ 50° to			minor f.g. epidote scattered										
		C.A.			throughout										
		BFP, Bleached, white													
		for 3cm + very f.g.													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
19.3	30.5	Biotite Feldspar Porphyry	19.3	30.5	Propylytic	1-3	var.	hem (mag) -		20.4	23.5	(not sampled)			
		light greenish grey,			Plag. alt'd to calcite			Qtz - Py ± Cp	120329-B	23.5	26.5	2	<1	<.3	1
		moderately crowded, m.g.			rimmed with epidote/chl					26.5	29.6	(not split)			
		to c.g. alt'd plag. laths			+ alt'd to straight epid.										
		± abundant f.g. alt'd			- alt'd f.g., tan brown										
		Biotite, C.g. in middle of sec'n			biot. near contact										
		- all in a dk to light			grading to m.g., black										
		grey, siliceous groundmass			biot. books towards										
		- hardness: 3-4			30.5m.										
		- moderately fractured,													
		1 per 0.1-0.2 m cemented													
		by clay + carb. (dol./calc.)													
30.5	32.6	Mafic Dyke	30.5	32.6	Chlorite alt'd	<<1	var.	Qtz-carb-Py	329-B	29.6	32.6	44	4	<.3	1
		- greenish black			- abundant intersecting +			± hem (mag) -							
		- aphanitic ± abundant			non-intersecting Qtz,			tr. Cp.							
		white stringers, some			carb (dol/calc.) stringers										
		intersecting			+ veinlets lined ±										
		moderately hard (H=3-4)			- anhedral to subhedral										
		V.C. @ 60° to C.A.			Py xtals.										
		L.C. gradational over			- varied orientations, irregular										
		0.4m + strongly chloritized			+ discontinuous										
		- fractures rare, 0-1 per			Py is striated on many										
		1.5m @ 70° to C.A.			subhedral xtals										
					~1-2% Py - tr. Cp.										

Hole No. 97-104
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
32.6	83.4	Altered Quartz Magnetite Hematite Porphyry Dyke?	32.6	83.4	Chl. alt'd groundmass	<1-2	var.	Qtz-carb-Py		32.6	35.7	(not split)			
		-Dark greenish black, red			-abundant stringers of			± cp ± hem(mag)	120330-B	35.7	38.7	12	3	<.3	1
		+ green speckled, cg. to			Qtz, carb ± Py ± Cp				120331-B	38.7	41.8	538	5	.8	1
		f.g. to aphanitic.			-thin veinlets offset				331-B	41.8	44.8	240	1	<.3	<1
		-phenocryst to groundmass			larger ones by 0.2-0.5cm					44.8	47.9	(not split)			
		supported.			- Py + Cp are more abundant				332-B	47.9	50.8	1	72	<.3	1
		-dk greenish black aphanitic			where stringers intersect.					50.8	53.9	(not split)			
		groundmass.							333-B	53.9	57.0	2	15	<.3	1
		-phenocrysts? show range			35.0 - 35.3 m					32.6	35.7	(not split)			
		of shape from square,			dense cluster of small	1	20°-40°	Calcite							
		subangular to subrounded.			veinlets 1-10cm apart				120330-B	35.7	38.7	12	3	<.3	1
		- few phenos. show any			@ 35°-40° to C.A.,				120331-B	38.7	41.8	538	5	.8	1
		recognizeable crystalline			offset by similar veinlet				120331-B	41.8	44.8	240	1	<.3	<1
		shapes (i.e. cleavage planes			by 3-5mm @ 20° to C.A.										
		rare)								44.8	47.9	(not split)			
		-phenos. consist of hematite						see above							
		Qtz, magnetite? + chl/epid.							332-B	47.9	50.8	1	72	<.3	1
		alt'd unknown phenos.													
		hardness = 3-4								50.8	53.9	(not split)			
		-fract. abundant 0.3-0.4 m													
		apart. @ 55° to 75° to							333-B	53.9	57.0	2	15	<.3	1
		C.A., chl. coated								57.0	60.0	(not split)			
		hardness = 3-4							334-B	60.0	63.1	118	23	.4	1
		-magnetic, strongly in													
		first 25m.													

Set above #'s

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
	at	34.1 m.		at	34.1 m										
		-set of two chl.			minor dissem. Py										
		slickensides 1cm apart			on slickenside surf.										
		on fract. surfaces													
		fract. @ 40-45° to C.A.													
		ῶ slicks, raking 60°													
		to C.A.													
		63.1 - 66.1 m.			63.1 - 66.1 m					63.1	66.1	(not split)			
		Andesitic hornfels/rhyodacite			very abundant Py				120335-B	66.1	69.2	286	37	.5	1
		light to dark purple			as dissems. + stckwked					69.2	72.2	(not split)			
		competent but ῶ occasional			veinlets ῶ fig. hem. xtals	<1-1	vor.	Qtz-Py-hem	336-B	72.2	74.7	49	7	<.3	<1
		rubbly patches.			5-10% Py			(mag) ± Cp.		74.7	77.7	(not split)			
		Very hard where competent (H>5)							337-B	77.7	81.4	296	3.	<.3	1
		-fract. rare in competent													
		core ῶ 1-2 per meter.													
		40-60° to C.A.													
83.4	205.4	Andesitic Hornfels/Rhodocite	83.4	205.4		1-3	highly vor.	Qtz, hem (mag),		51.4	84.4	(not split)			
		light blue-grey to			Py as stringers, dissem.			Py ± Cp.	338-B	84.4	87.5	38	82	<.3	3
		bleached, wavy banded			+ fract. fillings cementing					87.5	90.5	(not split)			
		v.fig., silica flooded			brecciated clasts				339-B	90.5	93.6	3	10	<.3	1
		-wavy texture of alternating			-marcasitic to 0.15cm subhedral					93.6	99.7	(not split)			
		light blue-grey/pinkish white			Py xtals & carb.				120752-B	99.7	102.7	5	3.	<.3	1
		bands of silica + rhodonite?			-hem as spotty pods 2-5mm										
					in fract. openings ῶ dissem. Py										
					Py: 2-3%										

Hole No. 97-104
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(83.4 – 205.4 m cont.)			hematite as subhedral	1-6	var.	hem ± Py							
		-brecciated in bleached			grains in irregular								–		
		areas ☐ lge angular			veinlets + pods throughout										
		clasts of rhyodacite			with + without Py										
		fractures from few per													
		1.5 m to several (5+?)													
		in bleached areas.													
		102.7 – 106.5 m			102.7 – 106.5 m	1-3	var.	Qtz, Rhodonite	110953-B	102.7	105.8	7	20	<.3	2
		light white to blue-grey,			Py as fract. fillings +			-hem (Mag)-Py	"	105.8	108.9	(not split)			
		heavily brecciated zone			in veinlets;			± Cp	754-B	108.8	111.9	4	52	<.3	1
		☐ abundant hem; +								111.9	114.9	(not split)			
		rhodonite							755-B	114.9	118.0	3	5	<.3	1
										118.0	121.0	(not split)			
	at	105.7 m		at	105.7 m				756-B	121.0	124.1	3	40.	<.3	1
		euhedral dol. xtals (2cm)			Py: disseminated, blebs +					124.1	127.1	(not split)			
		in 3cm wide breccia			euhedral xtals (2-4mm)										
		fracture.													
					127.7 – 127.8	5-20	0°-10°	Py – Qtz ± Cp	757-B	127.1	130.1	4	58	<.3	2
					Phyllic Zone			± hem (mag.)		130.1	133.2	(not split)			
					-Bleached white ☐				758-B	133.2	136.2	12	17	<.3	1
					0.5 – 2.0 cm wide					136.2	139.3	(not split)			
					fig. Py seams along				759-B	139.3	142.4	9	17	<.3	1
					clastic fract. @				760-B	142.4	145.5	12	50	<.3	1
					0°-10° to C.A.										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(83.4 - 205.4 m cont.)													
		148.1 - 150.1 m			148.1 - 150.1 m				12076)-B	145.4	148.4	140	46	1.0	2
		Weak Breccia zone			Bleached, white - light grey,	5-15	0°-5°	Mag(hem)-Py-	762-B	148.4	151.5	278	245	1.1	2
					Py ⩒ Mag., Hem. + Qtz			Qtz ± Cp.	763-B	151.5	154.5	7	22	<.3	1
					in thick veinlets/veins				764-B	154.5	157.6	7	14	<.3	1
					- Py + Cp also as fract.				765-B	157.6	160.6	6	35	<.3	1
					cement in disseminations					160.6	163.7	(not split)			
					+ small blebs				766-B	163.7	166.7	5	7	<.3	1
										166.7	169.8	(not split)			
		199.3 - 200.6 m			199.3 - 200.6 m	1-3	var.	Clay/seric. -	767-B	169.8	172.9	5	2	<.3	2
		Rubbly Andesitic Hornfels			Strong Phyllic			carb - Py - Cp		172.9	175.9	(not split)			
		Bleached, white; very			- clay/sericite alt'd			± hem(mag.)	768-B	175.9	178.9	4	35	<.3	1
		angular clasts, clay rich,			- Py ≥ Cp in stockwked					178.9	182.0	(not split)			
		matrix supported, soft (H=2)			veinlets where competent				769-B	192.0	195.0	5	23	<.3	2
		- competent within 10-15cm			+ as fract. coatings.					185.0	188.0	(not split)			
		of Upper + Lower							770-B	188.0	191.1	41	18	.3	1
		contacts.								191.1	194.2	(not split)			
									771-B	194.2	197.1	7	24	<.3	2
at	205.4	B.O.H.								197.1	199.0	(not split)			
									772-B	199.0	202.1	62	526	.4	1
										202.1	203.6	(not split)			
									773-B	203.6	205.4	35	11	<.3	2

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-0883

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
120294 B	14	691	13	68	.6	4	23	862	6.00	11	<5	<2	2	29	.2	<2	<2	12	1.17	.174	6	1	.86	63	.04	<3	.64	.07	.22	5	11
120295 B	25	1019	16	95	.6	4	28	973	5.61	95	<5	<2	2	19	<.2	2	2	17	1.32	.211	6	<1	.64	24	.01	<3	.98	.02	.12	3	9
120296 B	42	1093	26	130	1.3	4	26	1123	5.85	70	<5	<2	<2	19	.4	2	<2	15	1.43	.164	4	<1	.84	19	<.01	<3	.98	.01	.08	2	24
120297 B	10	456	12	96	.4	2	16	1085	5.49	10	<5	<2	<2	27	.3	<2	2	10	1.31	.182	7	<1	.87	38	.02	<3	.54	.04	.13	3	11
120298 B	5	412	13	49	.3	3	21	424	5.69	3	<5	<2	<2	41	<.2	2	<2	11	1.32	.175	5	<1	.87	30	.03	<3	.53	.05	.17	3	12
120299 B	4	275	9	34	.4	2	20	286	5.33	6	<5	<2	2	37	.3	<2	4	10	1.20	.173	3	<1	.57	19	.01	<3	.44	.05	.12	3	6
120300 B	4	254	11	46	.3	1	20	352	5.46	<2	6	<2	<2	25	<.2	<2	<2	9	1.22	.181	3	<1	.75	36	.02	<3	.41	.05	.15	3	25
120301 B	3	122	10	51	.3	3	23	321	6.31	3	<5	<2	<2	27	<.2	<2	2	9	1.44	.183	4	<1	.83	24	.02	<3	.52	.05	.18	3	21
120302 B	2	183	<3	42	<.3	2	16	302	5.93	<2	<5	<2	<2	14	<.2	<2	<2	14	.89	.177	5	<1	1.06	52	.02	<3	.87	.04	.17	3	8
120303 B	1	594	9	41	.5	3	14	314	6.38	2	<5	<2	<2	13	<.2	<2	<2	16	.89	.183	6	<1	1.17	64	.04	<3	1.06	.06	.22	3	8
120304 B	2	771	7	38	.3	4	20	332	6.54	<2	<5	<2	<2	13	<.2	<2	<2	16	.89	.177	6	<1	1.16	76	.07	<3	1.05	.06	.38	4	32
120305 B	5	834	3	38	.4	4	18	326	6.32	3	<5	<2	<2	14	<.2	<2	3	18	.85	.174	5	4	1.57	80	.11	<3	1.32	.07	.72	3	22
120306 B	3	291	<3	37	.4	3	15	351	6.50	2	<5	<2	<2	18	<.2	<2	<2	17	1.10	.172	6	<1	1.34	77	.08	<3	.91	.07	.52	4	14
120307 B	5	483	<3	34	.4	3	19	282	6.83	<2	<5	<2	3	16	<.2	<2	3	20	.92	.176	5	<1	1.36	60	.08	<3	1.08	.06	.51	3	20
120308 B	5	459	<3	34	<.3	3	15	255	6.54	<2	<5	<2	3	18	<.2	<2	<2	16	1.12	.166	5	1	1.25	69	.06	<3	.99	.07	.39	5	12
120309 B	9	295	5	47	<.3	3	126	313	8.24	38	<5	<2	<2	32	<.2	<2	3	13	1.49	.154	2	<1	.87	14	.01	<3	.52	.05	.14	4	14
120310 B	13	160	4	64	.4	5	87	1126	7.64	214	<5	<2	<2	25	<.2	4	4	13	1.79	.085	2	<1	.83	13	<.01	<3	.61	.01	.08	4	21
120311 B	2	73	6	50	<.3	4	24	337	5.36	8	<5	<2	<2	44	.2	<2	<2	13	1.50	.129	3	1	.91	37	.01	<3	.52	.04	.10	3	6
RE 120311 B	2	76	<3	51	<.3	5	25	340	5.48	3	<5	<2	2	45	<.2	<2	<2	13	1.52	.128	3	2	.93	37	.01	<3	.53	.04	.10	4	9
120312 B	2	65	3	48	<.3	3	18	319	5.90	<2	<5	<2	<2	47	<.2	<2	2	13	1.33	.112	2	<1	1.10	20	.02	<3	.45	.05	.17	4	5
120313 B	1	124	<3	46	<.3	3	85	279	6.68	3	<5	<2	2	625	<.2	<2	<2	12	1.32	.134	4	<1	1.09	22	.02	<3	.42	.06	.18	3	13
120314 B	1	119	8	61	<.3	3	34	479	5.68	4	<5	<2	2	49	<.2	<2	<2	14	1.27	.152	5	1	.97	58	.02	<3	.42	.07	.15	4	8
120315 B	6	45	<3	40	<.3	3	22	279	5.83	<2	<5	<2	2	59	.2	<2	<2	16	1.15	.142	5	2	1.02	48	.03	<3	.48	.07	.18	3	3
120316 B	5	60	<3	41	<.3	3	14	537	5.17	<2	<5	<2	2	62	<.2	<2	<2	14	.97	.128	9	2	1.20	72	.04	<3	.43	.07	.19	3	7
120317 B	3	71	<3	59	<.3	3	31	790	5.68	<2	<5	<2	3	31	<.2	<2	<2	13	1.07	.137	11	2	1.16	42	.02	<3	.33	.06	.06	3	4
120318 B	2	78	7	59	<.3	10	12	1538	6.35	4	<5	<2	<2	25	<.2	<2	4	48	1.49	.120	7	19	1.61	61	.06	<3	.72	.06	.37	3	6
120319 B	4	81	4	38	<.3	13	27	708	7.52	315	<5	<2	2	25	<.2	3	<2	42	1.23	.126	6	14	.88	11	.01	<3	.69	.03	.08	3	6
120320 B	2	612	<3	72	.4	8	45	1159	7.74	50	<5	<2	2	32	<.2	<2	<2	23	1.64	.152	3	4	1.00	23	.01	<3	.81	.03	.08	3	32
120321 B	2	91	3	71	.3	3	13	1336	5.75	58	<5	<2	3	27	.2	2	<2	13	1.54	.161	8	<1	.83	23	<.01	<3	.81	.02	.04	2	5
120322 B	2	58	5	99	<.3	3	13	1254	5.44	94	<5	<2	3	31	<.2	2	<2	12	1.09	.147	9	<1	.60	22	.01	<3	.63	.03	.02	3	3
120323 B	4	141	6	74	<.3	3	15	1055	5.90	12	<5	<2	4	38	<.2	<2	<2	14	1.64	.150	7	<1	1.05	41	.01	<3	.60	.03	.07	3	8
120324 B	2	58	<3	73	<.3	3	10	793	6.12	97	5	<2	<2	36	.4	2	<2	12	1.82	.101	3	<1	.96	18	<.01	<3	.57	.03	.05	4	5
120325 B	1	62	<3	41	<.3	2	3	732	3.95	13	<5	<2	2	10	<.2	<2	4	5	.44	.037	3	2	.36	17	.02	<3	.19	.06	.01	4	4
120326 B	1	17	6	24	<.3	3	2	609	4.28	4	<5	<2	2	13	<.2	<2	<2	1	.62	.034	3	8	.25	11	.04	<3	.16	.07	.04	5	2
120327 B	1	104	5	86	<.3	16	14	1376	4.99	27	<5	<2	2	29	<.2	<2	2	30	.99	.061	8	15	.76	32	.01	<3	.31	.04	.10	4	5
STANDARD C2/AU-R	20	58	33	131	6.9	71	36	1115	3.81	44	21	8	37	51	19.6	19	19	71	.52	.104	38	61	.94	196	.08	23	1.89	.06	.15	15	450

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH - 97-104

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
120328 B	1	2	<3	70	<.3	30	8	882	3.58	7	<5	<2	<2	96	<.2	<2	<2	62	2.29	.093	16	37	1.25	224	.01	6	.40	.05	.10	<2	<1
120329 B	1	44	<3	108	<.3	13	12	1853	8.05	23	<5	<2	<2	46	<.2	<2	<2	157	1.87	.082	5	5	2.00	33	.04	<3	1.68	.04	.15	<2	4
120330 B	1	12	3	54	<.3	11	21	968	10.39	14	<5	<2	<2	14	.2	<2	4	157	1.16	.071	2	6	3.44	12	.11	<3	2.46	.05	.14	<2	3
120331 B	<1	240	<3	77	<.3	10	27	1314	11.29	7	<5	<2	<2	10	<.2	2	4	245	.86	.060	1	4	4.63	17	.13	<3	3.19	.05	.27	<2	1
120332 B	1	1	6	55	<.3	12	20	773	9.32	8	<5	<2	<2	15	<.2	<2	<2	242	.94	.080	2	4	3.08	16	.12	<3	2.00	.07	.39	<2	72
120333 B	1	2	3	53	<.3	10	24	1008	11.33	<2	<5	<2	<2	9	<.2	<2	<2	256	.87	.073	4	1	3.68	15	.11	<3	2.50	.06	.03	2	15
120334 B	1	118	<3	177	.4	9	20	1680	10.29	34	<5	<2	<2	24	<.2	<2	<2	143	1.08	.074	2	5	2.41	18	.04	<3	1.50	.05	.11	3	23
120335 B	1	286	3	43	.5	4	8	822	5.46	23	<5	<2	<2	34	.3	<2	<2	108	4.10	.070	2	2	.89	19	.08	<3	.34	.06	.10	3	37
120336 B	<1	49	7	57	<.3	14	13	835	8.53	8	<5	<2	<2	24	<.2	<2	<2	167	2.13	.073	2	26	2.17	19	.10	<3	1.65	.07	.04	3	7
120337 B	1	296	3	47	<.3	8	23	959	8.85	8	6	<2	<2	20	<.2	2	2	181	1.60	.073	2	<1	2.76	20	.10	<3	1.96	.06	.07	2	3
120338 B	3	38	7	78	<.3	12	10	1368	8.66	26	<5	2	<2	14	<.2	<2	4	55	.62	.038	2	23	.74	21	.04	3	.37	.07	.07	4	82
120339 B	1	3	<3	36	<.3	2	2	581	5.18	5	<5	<2	<2	5	<.2	<2	4	3	.18	.035	3	<1	.17	8	.05	<3	.17	.07	.04	3	10
120751 B	1	538	9	162	.8	8	24	1543	9.20	13	<5	<2	<2	14	.5	<2	3	158	1.62	.069	1	4	3.87	40	.07	<3	2.85	.05	.35	<2	5
120752 B	1	5	6	27	<.3	4	2	368	3.90	26	<5	<2	<2	6	<.2	<2	2	4	.26	.035	2	4	.14	15	.03	<3	.15	.06	.03	4	3
RE 120752 B	1	3	12	28	<.3	4	1	360	3.87	25	<5	<2	<2	6	<.2	<2	3	3	.25	.035	2	4	.12	15	.03	<3	.13	.06	.03	4	2
120753 B	2	7	10	42	<.3	8	4	566	5.54	101	<5	<2	<2	7	<.2	<2	3	4	.29	.031	1	6	.21	16	.02	<3	.28	.06	.02	4	20
120754 B	1	4	3	30	<.3	4	2	623	4.99	18	<5	<2	<2	8	<.2	<2	6	2	.26	.033	2	5	.16	17	.04	<3	.15	.08	.01	7	52
120755 B	1	3	5	19	<.3	2	2	588	4.51	2	<5	<2	<2	6	<.2	<2	5	2	.30	.037	1	2	.13	10	.04	<3	.14	.08	.02	3	5
120756 B	1	3	4	45	<.3	2	3	998	7.49	2	<5	<2	<2	16	<.2	<2	3	2	.64	.047	3	<1	.43	24	.04	<3	.20	.09	.02	4	40
120757 B	2	4	7	83	<.3	5	5	983	6.19	55	<5	<2	<2	13	.2	<2	2	2	.60	.038	3	7	.37	33	.03	<3	.21	.09	.01	6	58
STANDARD C2/AU-R	20	56	39	129	6.8	70	36	1109	3.82	45	23	9	35	49	19.5	18	16	69	.52	.103	38	59	.93	183	.08	25	1.82	.06	.14	15	450

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

PDH
97-104

Data 4 FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) -1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-0957 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
120758 B	1	12	4	26	<.3	4	1	681	4.95	4	<5	<2	<2	10	.5	<2	<2	2	.44	.039	3	12	.22	21	.04	<3	.23	.13	.01	5	17
120759 B	1	9	3	29	<.3	4	1	634	4.87	<2	<5	<2	<2	10	.4	<2	<2	2	.40	.039	4	10	.24	23	.04	<3	.26	.14	.01	4	17
120760 B	1	12	6	45	<.3	4	3	871	5.47	10	<5	<2	2	14	.6	<2	<2	1	.63	.040	4	11	.38	15	.02	<3	.33	.13	<.01	6	50
120761 B	2	140	15	72	1.0	4	2	996	6.78	369	<5	<2	2	15	.6	<2	<2	2	.77	.041	2	12	.53	23	.02	<3	.48	.12	.07	3	46
120762 B	2	278	11	119	1.1	4	5	670	6.06	541	<5	<2	2	16	1.0	2	3	3	1.04	.036	3	10	.55	33	.02	<3	.35	.07	.03	4	245
120763 B	1	7	3	21	<.3	4	2	452	4.52	3	<5	<2	<2	12	.4	2	<2	1	.77	.040	4	12	.28	21	.04	3	.28	.15	.02	3	22
120764 B	1	7	4	26	<.3	3	2	366	4.58	3	<5	<2	2	11	.5	<2	<2	1	.69	.041	4	12	.25	15	.04	<3	.28	.13	.01	4	14
120765 B	1	6	4	24	<.3	4	2	505	4.63	<2	<5	<2	2	12	.5	<2	<2	1	.78	.039	3	11	.29	17	.04	<3	.28	.13	.04	3	35
120766 B	1	5	4	22	<.3	3	4	510	4.18	3	<5	<2	2	12	.5	<2	<2	1	.77	.041	3	12	.31	16	.03	<3	.30	.10	.03	3	7
120767 B	2	5	5	20	<.3	4	1	469	4.21	2	<5	<2	2	12	.7	<2	<2	1	.77	.041	4	10	.25	25	.04	<3	.28	.13	.04	2	2
120768 B	1	4	<3	21	<.3	4	2	473	4.58	<2	<5	<2	2	13	.4	<2	<2	1	.93	.041	4	12	.32	10	.05	<3	.29	.14	.02	3	35
120769 B	2	5	3	15	<.3	3	4	443	4.57	<2	<5	<2	2	11	.3	<2	<2	<1	.69	.044	4	10	.23	8	.05	<3	.26	.13	.01	2	23
120770 B	1	41	12	102	.3	6	3	607	4.64	282	<5	<2	<2	9	.9	<2	3	1	.60	.044	4	21	.27	17	.04	<3	.29	.12	.01	4	18
120771 B	2	7	4	17	<.3	4	3	494	4.71	<2	<5	<2	<2	10	.6	<2	2	1	.65	.043	12	13	.24	15	.05	<3	.32	.15	.02	4	24
RE 120771 B	1	7	3	17	<.3	4	3	523	4.99	<2	<5	<2	2	10	.6	<2	<2	1	.68	.045	12	13	.25	15	.05	<3	.34	.16	.02	4	11
120772 B	1	62	13	141	.4	6	5	676	4.20	55	<5	<2	<2	12	1.2	<2	<2	5	.71	.042	6	10	.35	31	.02	<3	.50	.07	<.01	3	526
120773 B	2	35	12	39	<.3	4	1	545	4.07	55	<5	<2	<2	9	.6	<2	2	2	.61	.040	4	13	.24	8	.04	<3	.33	.10	.02	3	11
196001	9	1136	5	56	<.3	9	11	453	6.20	12	<5	<2	3	34	.9	<2	<2	19	1.13	.201	16	11	.91	469	.11	<3	1.26	.09	.41	<2	71
196002	17	2208	8	56	<.3	7	12	270	5.69	4	<5	<2	2	54	.7	<2	<2	23	.94	.172	16	12	1.01	430	.14	<3	.96	.10	.55	<2	77
196003	15	2111	12	91	.3	7	12	425	6.07	14	<5	<2	3	59	1.0	<2	<2	21	1.25	.171	16	9	1.15	621	.12	<3	.99	.07	.51	<2	82
196004	15	1787	10	74	<.3	5	11	334	5.57	5	<5	<2	2	54	.9	<2	<2	16	1.46	.193	14	7	1.11	217	.11	<3	.87	.07	.43	<2	81
196005	8	2052	44	134	.9	6	12	587	5.77	15	<5	<2	3	59	1.1	<2	<2	17	1.29	.170	12	8	1.10	154	.10	<3	.73	.07	.43	<2	77
196006	37	2554	7	68	.3	6	13	324	5.74	13	<5	<2	2	129	.8	<2	<2	19	1.17	.152	11	9	1.20	149	.11	<3	.82	.08	.48	<2	83
196007	23	2228	11	111	.7	6	12	731	5.46	13	<5	<2	3	114	.9	<2	<2	17	1.29	.158	12	9	1.16	213	.10	<3	.76	.08	.44	2	74
196008	18	1586	14	124	<.3	10	11	298	4.28	2	<5	<2	3	100	.9	<2	2	29	1.18	.153	15	16	1.12	345	.13	<3	.84	.09	.51	<2	66
196009	9	1178	11	140	.5	15	10	1792	4.46	4	<5	<2	4	92	.8	<2	<2	43	1.46	.122	13	25	1.15	656	.09	<3	.81	.04	.46	<2	57
196010	17	1862	6	52	<.3	7	12	235	6.04	<2	<5	<2	3	766	.7	<2	<2	20	1.04	.164	11	10	.92	294	.13	<3	.74	.09	.50	<2	123
196011	17	2443	8	55	<.3	9	16	214	6.13	2	<5	<2	3	942	1.0	<2	<2	26	1.17	.185	14	26	1.37	185	.20	<3	1.05	.10	.83	2	81
196012	21	2997	5	56	.6	21	14	207	6.02	2	<5	<2	3	1289	1.0	<2	<2	48	1.10	.145	13	45	1.53	313	.22	<3	1.21	.09	.96	<2	123
196013	10	2339	4	50	.3	19	14	196	5.56	<2	<5	<2	4	724	.9	<2	<2	56	1.05	.139	13	46	1.47	340	.23	<3	1.17	.09	.92	2	75
196014	20	3951	6	66	.7	25	17	238	4.78	2	<5	<2	4	653	.8	<2	<2	77	1.19	.123	13	51	1.66	246	.27	<3	1.40	.08	1.16	<2	212
196015	12	3427	5	59	.5	7	15	246	6.42	3	<5	<2	3	264	1.0	<2	<2	21	.96	.168	12	10	1.16	212	.19	<3	.95	.10	.73	<2	129
196016	35	4201	5	56	.6	7	18	229	6.32	5	<5	<2	2	325	.9	<2	4	18	1.02	.169	11	8	.99	145	.12	<3	.74	.09	.50	<2	141
196017	29	2577	6	61	.3	8	13	204	6.25	2	<5	<2	2	767	1.0	<2	2	19	.92	.154	11	9	1.04	183	.13	<3	.77	.09	.53	<2	103
196018	7	2361	11	97	<.3	6	14	239	6.89	9	5	<2	2	1401	1.1	<2	3	17	1.10	.169	10	7	1.02	183	.11	<3	.72	.09	.48	<2	101
STANDARD C3/AU-R	26	67	35	165	5.5	37	12	784	3.48	58	18	<2	20	32	23.9	16	23	84	.60	.098	19	172	.66	151	.11	18	1.97	.04	.17	16	471

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAR 4 1997 DATE REPORT MAILED: March 10/97 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

401-497 HRDL

Hole No. 97-105
Page 1 of 36

AC#14 97-0957 97-1056

Location: 10,105 S; 10,085 W	BOOKER GOLD EXPLORATIONS LTD.		Hole No: 97-105
Azimuth: 292°	Dips - collar -70 °	Contractor: J.T.T.	Property: Hearne Hill
Elevation:	- m -74 °	Logged by: B.G.	Claim No. Hearne 1
Length: 384.7 (1262')	- 384.7 m °	Date: Feb. 24/97	Section No.
Core size: NQ	- m °		Started: Feb. 25/97
Purpose: to intersect Blande + Chapman zone at depth. (1000').			Completed: Mar. 2/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	6.1	casing, no core													
6.1	29.0	Andesitic Hornfels/	6.1	29.0	Potassic	1-5	10-75	abundant	196001	6.1	8.2	1136	71	<.3	9
		Rhyodacite			- abundant very fine			web-like	002	8.2	11.3	2208	77	<.3	17
		light to dark grey,			grained to fine grained			stockwks of							
		siliceous, showing fg.			Kspar + biot.			siliceous + carb.							
		relict BFP texture			Kspar; white to light pink			veinlets							
		containg fg. biot, anhedral			- recrystallized interlocking			throughout							
		to subhedral plag + Kspar			grains.			qtz - carb ± hem							
		in an aphanitic siliceous			- Biot; dk black to bronzy			(mag) ± Py ± Cp							
		groundmass			disseminated throughout.										
		very hard 4-5			- Py ≥ Cp										
		∩ advance stockwk			Py + Cp occur as fine										
		of siliceous veinlets			disseminations.										
		in web like, interlocking													
		pattern throughout			ῶ qtz, carb (calc./dol)										
		- densely fractured			+ hem (± mag) ῶ ore										
		ῶ avg. 7 per 1.5m			without FeOx staining										
		@ 65°-70° to C.A.													
		- FeOx stained fract.			1.5-2.0% Py; 0.5-1.0% Cp										
		from 6.1m - 17.9m			0.2-0.3% Cu; of total sec'n										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(6.1 m - 29.0 m cont.)													
				at	11.9 m	4	25	FeOx - hem -	196003	11.3	14.3	2111	82	.3	15
					rusty limonite/hem			Py							
					veinlet w Py string in										
					middle + Py box works										
					12.0 - 12.2 m	3-8	15-20	Qtz - Cp - Py							
					stockwk zone of large										
					grey crisscrossing qtz										
					veins w minor Cp + Py										
					inclusions										
		16.3 - 16.4			16.3 - 16.4 m				004	14.3	17.4	1787	81	<.3	15
		Rubbly BFP Breccia			Phyllic				005	17.4	20.4	2052	77	.9	8
		in fract. zone (fault?)			plag. alt'd to sericite										
		Bleached, white & soft			Biot still black but										
		(H = 2-3) w f.g. to m.g.			bronzy when scratched.										
		plag. laths + abundant			groundmass alt'd to clay										
		Biot. in soft, white, sticky			(kaolinite?)										
		matrix (groundmass)			<< 1% disem. Py + Cp.										
		Bordered by fract. @			combined.										
		60° - 70° to C.A. lightly													
		FeOx coated.													

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Section from m	Section to m	ROCK DESCRIPTION (6.1 - 29.0 m cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
									196006	20.4	23.5	2554	83	.3	37
		20.4 - 20.5 m			20.4 - 20.5 m Propylytic										
		Hornblende Biotite Feldspar			epid. - carb. alt'n of										
		Porphyry dyklet			plag.										
		U.C. + L.C. sharp, irregular			biot alt'd to tan										
		U.C @ ~65° to C.A.			color.										
		L.C @ b/w 40°-60° to C.A.													
		- white - light green/grey mottled													
		w crowded m.g. to c.g.													
		alt'd plag. laths, Biot.													
		as f.g. black to tan													
		books, hbld, soft black													
		needles + laths (f.g.)													
	at	20.6 m			at 20.6 m										
		alt'd BFP dyklet, small			Propylytic/wk Argillic										
		(40cm) w U.C. @ 45° to C.A.,			epid./calc./seric plag.										
		irregular + L.C. @ 60°-70°			- biot. alt'd to tan color.										
		to C.A., very irregular													
		- white groundmass w													
		crowded m.g. to c.g.													
		crowded, greenish plag.													
		+ fresh to alt'd tan f.g. biot													
		soft (H=2)													
					20.8 - 21.1	1-2	40	calc + qtz							
					long thin calc/dol veinlet										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(6.1 - 29.0 m cont'd)			at 21.4m										
					thick tarnished Py	3	55	Py ± FeOx ± Cp							
					veinlet along FeOx			± hem.							
					covered fract. surf.										
		24.7 - 24.9 m							196007	23.5	26.5	2228	74	.7	23
		large vug btwn FeOx							008	26.5	29.6	1586	66	<.3	18
		stained fractures, lined													
		w/ mig. euhedral dol.													
		xtals. Vug: FeOx stained													
		in places.													
					25.5 - 25.8 m										
		-			thin 1mm veinlet of	1	10	Py - Cp - Qtz							
					Py + Cp w/ thin <1mm										
					Qtz selvages.										
29.0	33.0	Altered Biotite Feldspar	29.0	33.0	Propylytic / advanced				009	29.6	32.6	1178	57	.5	9
		Porphyry Dyke			Argillic.										
		U.C. @ 10° to C.A., irregular			-progressive, epidote/sericite										
		but sharp w/ 2x2 cm angular Rhyodac.			alt'n of plag. towards										
		xenolith in BFP 1cm from			L.C., from light to dk										
		contact.			green color, Biot alt'd										
		L.C. @ 30°-60° to C.A.,			to tan color towards L.C.										
		very irregular but sharp.			-minor Qtz stockwked	1-3	15-75	Qtz - Py ± Cp							
		-whits to strong green,			veinlets w/ Py ± Cp as thin, discontinuous lenses + strings										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(29.0 - 33.0 m cont.)			Cp & Py also found										
		alt'd, m.g. to fig. plag.			as minor disseminations										
		laths (1-5mm long),			ω Py > Cp										
		Biot as fig. specks, block			0.5-1% Py ; < 0.5% Cp										
		to tan throughout; in			~0.2% Cu.										
		light to dk grey													
		aphenitic groundmass.													
		Alteration progresses													
		towards f.C.													
		-very competent and													
		hard (H=3-4)													
		xenoliths of angular to													
		subrounded f.g. mafics													
		common, dk green/black													
		1-3cm in long dimension													
		-few fractures (i.e. 1 to 2													
		per 1.5m @ 25-30° to													
		C.A.													
					30.3 - 30.5										
					white carb. vein ω 1mm	1-5	15°	Carb - Qtz - Py -							
					qtz selvages + discontinuous			Cp.							
					lenses & strands of Py + Cp										
					within										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(29.0 - 33.0 m cont.)													
		31.0 - 31.3 m Rubbly BFP bleached, white, f.g. to m.g. where mildly competent, ~⅓ is sticky white fault gouge-like material. (fault?)			31.0 - 31.3 m Strong Phyllic Plag. alt'd to clay (kaol.) + sericite. ω minor epidote	5	40°	Qtz - Cp ± Py Cp as 1-2 mm strand ω Qtz selvages							
33.0	42.7	Andesitic Hornfels/Rhyodacite light to dk greenish grey, generally aphanitic but ω patches of relict f.g. BFP texture preserved. -speckled ω hem. siliceous ω hardness, H=5 moderately fractured ω 1 per 0.5 m at 50°-65° to C.A.	33.0	42.7	Potassic very f.g. Kspar riddled throughout ω minor very f.g. biot throughout sec'n have advanced stckwks of interlocking Qtz veinlets + fine dendritic stckwks of hem veinlets + stringers ω some cemented by Qtz + carb. Py + Cp occur as dissem. on fractures, coating fracts. in masses + blebs + as disseminations throughout. Py > Cp ~1% Py : 0.5% Cp	1-4	highly var.	Qtz, hem (± may) Py - Cp.	196010	32.6	38.7	1862	123	<.3	17

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(33.0 - 42.7m cont.)													
	at	38.5 m													
		dk green/black alt'd													
		Mafic xenolith.													
		f.g., 8cm long x 3-4cm wide													
		soft, (H=2)													
		alt'd to Chl. / Tremolite?													
		39.6 - 39.8 m			39.6 - 99.8 m				196011	38.7	41.7	2443	81	<.3	17
		contact ω, BFP, irregular			Propylytic										
		+ shallow 0°-5° to C.A.			Plag. alt'd to carb.										
		crowded, alt'd mg. to c.g.													
		subhedral plag. ω													
		abundant f.g. black													
		biot in aphanitic grey													
		groundmass													
	at	41.0 m													
		Calcite + Qtz lined			Py > Cp										
		fracture @ 20° to C.A.			Py ~ 10% of surface area										
		ω abundant anhedral to			Cp ~ 1% of surf. area										
		subhedral, large masses													
		of Py													
		Cp in small, irregular blebs													
		+ dissemination													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
42.7	43.7	Mafic XENOLITH			Chloritic				196012	41.7	44.8	2997	123	.6	21
		- large, irregular, dk													
		greenish black, - severely													
		brecciated + cemented													
		by Qtz, carb, ± hem.													
		in stringers + veinlets													
		of highly variable													
		orientation + thickness													
	at	42.9													
		large, angular mafic													
		clast cemented by carb.													
		w a 1cm Py lense													
		centered in cement													
43.9	46.4	Hornblende Biotite Feldspar	43.9	46.4	Propylytic										
		Porphyry (alt'd) dyke			plag. alt'd to sericite										
		U.C. shallow & irregular			± epid.										
		but sharp @ 5°-15° to C.A.			biot. alt'd to tan color										
		L.C. irregular but sharp			HBld alt'd to calcite/Chl.										
		@ 40° to C.A.			Cp > Py; 0.5-1% Cp +	1	60°	Carb - Cp ± Py							
		granular, spotted Black +			trace - 0.5% Py - occur										
		white w dk grey aphanitic			in thin carb. cemented										
		groundmass			veinlets + dissem. along										
		mg. to c.g. alt'd, euhedral			fract.										
		to subhed. plag. laths (2-5mm)													

w some zoned.

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(43.9 - 46.4 m cont.)													
		abundant f.g. alt'd biot.													
		black to tan., minor													
		f.g. to m.g. Hbld. needles													
		2-4 mm long, v soft													
		- angular xenoliths in													
		places, 1-8cm long													
		45.7 - 45.9 m			45.7 - 45.9 m				196013	44.8	47.8	2339	75	.3	10
		Rhyodacite clast			advanced stckwk										
		V.C. @ 75° to C.A., sharp,			~ 1% dissem. Cp										
		L.C. @ 50° to C.A., sharp,													
		irregular													
		46.3 - 46.4			46.3 - 46.4										
		mafic xenolith			stckwked veinlets of										
		dk green/black ~ dk			grey Qtz + carb. stringers										
		black 2mm nodules of			Py > Cp as fine disseminations										
		alt'd Pyroxene (dk green/													
		grey)													
46.3	48.3	Andesitic Hornfels/Rhyodac.	46.3	48.3	Potassic	1-3	var.	Qtz stckwks,	014	47.8	51.0	3951	212	.7	20
		dk, Hard (H=4-5) + siliceous			abundant Kspar throughout			interlocking ~							
		~ f.g. relict RFP texture			Py > Cp, disseminated or			thin carb.							
		of f.g. Biot. + Kspar			patchy in Qtz stckwks			veinlets offsetting							
		very competent ~ few			Py ~ 1% Cp ~ 0.5%			larger Qtz							
		fractures			Cu ~ 0.1%			veinlets							
								Qtz, carb, Py-Cp ± hem (mag)							

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
48.3	50.4	HORNBLENDE Biotite	48.3	50.4	Potassic	1-4	35-70°	Qtz-hem(±mag)							
		Feldspar Porphyry (HBFP)			plag. alt'd to ksper			±Py ± Cp							
		U.C. @ 20° to C.A, highly			+ sericite										
		irregular			-some ksper w tartan										
		L.C. gradational over 20cm			twins										
		w andesitic hornfels/Rhyodacite			Py + Cp disseminated										
		xenolith in HBFP			in groundmass + along										
		white to light green + a			fractures										
		granular, crowded, f.g to mg			Cp > Py; ~1%, ~0.5-1.0% Py										
		subhedral plag. laths			~0.3% Cu										
		in dk black aphanitic													
		groundmass - abundant			50.9 - 51.0										
		f.g. black biotite			long, thin Py - Cp veinlet	1-2	25	Py - Cp - Qtz							
		-minor f.g. black acicular			w Qtz selvage.										
		hbld.													
		-moderately hard (H=3-4)													
		few fractures @ 70°-75°													
		to C.A., coated w													
		carb, chl. + dissem.													
		sul's.													
	at	49.9 m													
		frac. @ 70° to C.A. w													
		Py ~60% of Surf. Area.													
		w minor chl.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
50.4	67.4	Andesitic Hornfels/Rhodorite			Potassic	1-4	0-75	Qtz-Py-Cp							
		light to dk grey showing			abundant very fig.			± hem (mag)							
		relict fig. BFP texture.			Kspar			web like,							
		siliceous, hard (4-5) +			Magnetite + hematite			intersecting							
		competent			in vugs @ veinlet + fract.			advanced							
		- advanced stockworked			intersections, some line			stckwks							
		in web like pattern			w/ thin rim of calc./dol.										
		moderately fractured			hem. also in fine veinlets										
		ranging from 60°-75° to C.A.			+ discontinuous stringers										
					- small veinlets grade										
					into + offset larger										
					Qtz veinlets										
					- small veinlets have	1-3	0-80	Qtz-Py-Cp							
					higher % of su's										
					Py > Cp on fract. surf.)										
					in fine veinlets w/ or without										
					hem (mag) + open space										
					fillings w/ hem (mag)										
				at	53.1 m				196015	51.0	54.0	3427	129	.5	12
					Molybdenite in fine				016	54.0	57.0	4201	141	.6	35
					disseminations w/ mag.,				017	57.0	60.0	2577	103	.3	29
					Cp ± Py (also dissem.) in				018	60.0	61.9	2361	101	<.3	7
					weak Rhyodac. brec. fract.										
					Moly ~ 1% of Surf. Area.										
					Cp ~ 2% of Surf. Area.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(50.4 - 67.4 cont.)													
				at	63.0 m				196019	61.9	63.1	3262	212	1.0	22
					continuous Qtz - Cp	2-3	16°	Qtz - Cp ± Py	020	63.1	66.1	3475	160	1.0	15
					syntaxial veinlet										
									021	66.1	69.2	2953	124	2.0	17
		66.9 - 67.4 m			66.9 - 67.4 m										
		weak breccia contact			- Strong Chl. alt'n										
		between Andesitic			- Py + Cp blebs in										
		hornfels + BFP			larger veinlets w/ calc./dol.										
		- extremely broken up			+ Qtz. ± hem (mag)										
		+ cemented by calcite													
		(sparry in vugs), Qtz,													
		minor hem (mag) + stained													
		olive green but w/ angular													
		clasts of both And. Hornfels													
		+ BFP that are lightly													
		stained.													
		- lge Qtz veinlet / vein													
		intruded BFP up to 66.7m													
67.4	69.1	Biotite Feldspar Porphyry	67.4	69.1	Propylytic / weak argillic										
		Dyke			- plag. alt'd to sericite										
		- m.g. to c.g. alt'd subhedral			+ chl. / epid.										
		to euhedral alt'd plag.			trace su's, disseminated										
		granular, abundant f.g.													
		black biotite in dk green /													

black aphanitic groundmass

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(67.4 - 69.1 m cont.)		at	67.6 m										
		moderately hard (H=4)			0.8 - 1.2 cm Qtz vein										
		+ competent ~ no fract.			~ hem. selvage (2mm)										
		L.C. @ 50° to C.A., irregular			@ 30° to C.A.										
69.1	73.1	Andesitic Hornfels / Rhyodacite	69.1	73.1	Potassic	1-2	5°-80°	Qtz-carb-Py-							
		light to dk grey, ~ relict			Plag aH'd to kspar, chl /			Cp ± hem (mag)							
		BFP texture, very siliceous			epid., minor sericite,										
		+ hard (H=5), very competent,			Py + Cp occur in thin (1mm)										
		minor fract. carb + Qtz			discontinuous veinlets										
		coated ~ minor hem. ± Chl.			throughout which x-cut										
					early grey Qtz veinlets										
					2-5 mm wide. Both sets										
		69.5 to 69.6 m			are variable in angle to				196022	69.2	72.2	5005	261	1.1	25
		2 fract. 10 cm apart (in)			C.A.										
		in en-echelon arrangement													
		45° + 50° to C.A.													
		respectively													
		71.3 - 71.4 m													
		2 Qtz en-echelon				2	22°-24°	Qtz ± hem (mag)							
		veinlets 2mm wide													
		@ 24° + 22° to C.A. respect.													
		- these join to 1cm Qtz													
		vein @ 0 - 10° to C.A.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ecL	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(69.1 - 73.1 m cont.)													
					72.7 - 73.1 m				196023	72.2	75.2	2391	120	.5	6
					long thin Py ± Cp veinlet	1-2	8°	Py - Cp ± hem (mag)							
					in and, hornfels, irregular										
					but continuous										
					72.8 - 73.0 m										
					series of 2 Py/Cp veinlets	1-2	45°	Py - Cp ± hem							
					as splays off the one above			(mag)							
					at 73.0 m	5-10	30°								
					the above shallow Py/Cp										
					veinlet cuts a lge										
					Mag / hem vein that										
					is strongly magnetic										
					@ the intersection of										
					the two is a small 1cm										
					square zone of white										
					silica + dissem. Py cement										
					is seen ∅ hem ± mag.										
					be replaced.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
73.1	83.7	Alt'd Quartz Biotite	73.1	79.9	Propylytic / Weak Argillic	1-4	35°-40°	Qtz ± Py ± Cp							
		Feldspar Porphyry dyke.			Plag. alt'd to chl./epid.										
		U.C @ 75° to C.A., sharp,			ῶ some calcite as rims.										
		slightly irregular.			on zoned xtals.										
		light to dark grey, phenocryst			-abundant, unaltered										
		to groundmass supported ῶ			Biot. - Py ~ 1.0%, Cp ~ 0.5%										
		white to green f.g. to c.g.,			- minor fract. 1 per. 1m										
		subhedral to euhedral alt'd			@ 50°-56° to C.A. ῶ										
		plag.			dusting of Py + Cp ῶ										
		Biot. - black (fresh) to tan			chl. + carb.										
		(alt'd), f.g. books.			at 73.5	1	70°	Qtz - Cp ± Py							
		- Qtz as grey/white			man made fract. on Qtz			± epid.							
		translucent nodules of			veinlet ῶ Cp covering 20%										
		very size + shape.			of the surface.										
		- in light - dk grey aphanitic													
		groundmass.													
		- mostly competent ῶ													
		minor fract. but rubbly													
		in places.													
		74.9 - 77.9 m			74.9 - 77.9 m	<1-2	10-70°	Py - Cp - Qtz	196024	75.2	78.3	642	37	<.3	7
		QBFP			Some plag. alt'd to			± Chl./epid.							
		- dk grey/black fresh			sericite (usually c.g.) +										
		looking, groundmass			epidote.										
		supported.			Py > Cp.; ~ 1% Py ~ 0.5% Cp										
		Plag. as hard zoned xtals,			~ 0.2% Cu										

some mildly alt'd., most white
ῶ some light green., lath shaped

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(73.1 - 73.7 m cont.)													
		74.9 - 77.9 m cont.													
		less biot., f.g. to m.g.													
		- some lge, scattered,													
		Qtz eyes 0.5cm subrounded													
		- overall hardness = 5													
		- mod. fract, 4 per 1.5m													
		@ 55°-70° to C.A. - thin													
		veneer of chl.													
		V.C. @ 25° to C.A., very													
		sharp & regular													
		77.9 - 79.3 m	77.9	79.3	Propylytic	1-2	21°45°	Qtz - Py - Cp ± Epid	196025	78.3	81.3	887	35	<.3	4
		light grey, hard (H = 4-5)			plag. alt'd to carbonate										
		groundmass to phenocrysts			on rims in zoned phenos.										
		supported, (mostly phene suppt)			+ some to epid.										
		V.C. @ 24°, very sharp &			- biot. soft, not micaceous,										
		regular w/ partial alignment			scratches to light brown										
		of f.g. phenos. parallel to			clay? - Py = Cp in fine veinlets										
		contact.													
		- abundant f.g. - m.g.			78.9 - 79.3										
		subhed. Biot. dk black to			Advanced Argillic										
		brown when scratched (alt'd			- moist, soft (H = 1-2) v. rubbly										
		- mod. fract. 3-4 per 1.5m			Plag totally alt'd to clay										
		@ 65°-70° to C.A.			biot. unaltered										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(73.1 - 83.7 cont.)													
		-	81.3	83.7	Advanced Argillic				176026	81.3	84.0	1665	78	.4	4
					Bleached, white to light green, moist, soft (H=1)										
					Plag. totally altered to clay; abundant m.g. euhedral black biot. (unaltered)										
					-groundmass is brownish grey.										
83.7	86.6	Andi. Hornfels / Rhyodacite			Py > Cp in interlocking	1-3	Var.	Qtz-hem (Mag)	027	84.0	86.6	5455	153	2.3	163
		light grey, siliceous, competent & hard (H=5)			veinlets & discontinuous			Py - Cp.							
		fract. common 0-65° to			stringers.										
		C.A.			Cp > Py on fract surfaces										
		-f.g. relict BFP texture			as dissem. & masses.										
		preserved in patches													
		throughout.													
86.6	134.9	Biotite Feldspar Porphyry	86.6	134.9	Propylytic to Potassic	1-2	20°-40°	Qtz - Py - Cp							
		Bleached, white to dk			plag. alt'd to clay (sericite)			± epid., some							
		grey, groundmass supported			in argillic areas & Kspar			stockwked.							
		rubby to very competent			in potassic areas.										
		w/ Moderate fract. 5-6 per			Biot absent in advanced										
		1.5m coated w/ Chl., epid.			argillic zones but										
		FeOX coatings to fract.			abundant as f.g. to m.g.										
					books in Int. Argillic &										
					Potassic areas.										

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Section from m	Section to m	ROCK DESCRIPTION (86.6 - 272.2 m cont'd)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		86.6 - 89.4 m	86.6	89.4	Wk Argillic to Advanced Argillic	1-2	0-45°	carb - Qtz - Py	196028	86.6	90.5	1430	56	3.0	7
		light grey w/ alt'd plag,			Plag. alt'd to clay ±			- Cp ± hem(mag)							
		biot. very fg. to absent			minor epid.			some stckwked							
		fract. 2 per 1.5 m			su's in veinlets + minor stckwkd										
		@ 55°-65° to C.A.			veinlets										
		Chl / epid. lined.													
		soft (H=2-3)			88.4 - 88.7 m										
					densely fract. & rubbly										
					carb, Py + Chl. in meshed										
					fract. 0.5 - 0.5 mm wide										
					@ 80° to C.A.,										
					88.8 - 89.4 m										
					Advanced argillic										
					Plag. totally alt'd to										
					clay ± chl.										
					very soft (H=2) -										
					Biot alt'd to light brown										
		89.4 - 93.1 m	89.4	93.1	Potassic				029	90.5	93.6	2744	137	.8	12
		medium grey			Plag. alt'd to kspar +										
		hard (H=4), competetent			sericite										
		few fract. 2 per 1.5 m			Biot abundant as fg.										
		@ 30-50° to C.A.			subhed. to euhed. books.										
					Py / Cp in thin veinlets	1	15°-70°	Qtz - carb - hem(mag)							
					Py < 1%; Cp < 0.5%			- Py - Cp.							
					~ 0.1% Cu										

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Section from m	Section to m	ROCK DESCRIPTION (86.6 - 272.2 m cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		93.1 - 101.5	93.1	101.5	Advanced Argillic	1	0°-40°	hem (mag) - Py	196030	93.6	95.4	3280	119	1.8	11
		Bleached, white / light green			plag. totally alt'd to clay			± Cp.	031	95.4	98.4	1801	52	.5	4
		competent to broken up.			+ chl.				032	98.4	101.5	1886	79	.4	5
		(H=2), biot abundant as			stekwked veinlets w										
		f.g. plates + books			Py ± Cp + hem (mag)										
		few true fractures > 1m apart			Py also in patches w										
		soft (H=2)			aphanitic black clusters.										
					in groundmass.										
		99.7 - 99.4													
		coarse rubble													
		Hardness = 1 (gravelly)													
		101.5 - 103.2	101.5	103.2	Potassic										
		Dk grey, m.g. to c.g.			Plag. alt'd to kspar w										
		plag., m.g. biot abundant			minor epid. + sericite										
		many fract. 40cm apart,			few veinlets mostly Qtz	1	15°-40°	Qtz-carb-Py							
		@ 65°-75° to C.A. - epid. cement			+ carb			-Cp							
		- groundmass has brownish			Py >> Cp : ~0.5% Py										
		tinge in places.			0.1% Cp.										
		103.2 - 103.7 m			103.2 - 103.7 m	1-2	10°-20°	Qtz - Py - Cp	033	101.5	105.8	2790	105	.6	5
		- high sulphide zone			zoned of stekwked Qtz,										
					Py, Cp veinlets, thin,										
					long + continuous, running										
					sub-parallel to intersecting										

Py + Cp also as fine dissem. ~1% Py, 0.5-1% Cp ∴ 0.12-0.32% Cu

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(86.6 - 227.2m cont.)			107.6 - 108.2 m										
		from 103.2 to 286.7 m			strong Epidote alt'n										
		core split prior to logging.			marking transition from										
					Potassic to Propylytic										
					alt'n										
					Plag. alt'd to epidote +										
					calcite										
					Py ≥ Cp in stringers +	<1-2	var. highly irregular	Qtz - Py - Cp							
					fract cement ⇒ epid./chl.			± hem(mag)							
					-very fine dissem. to			in stringers +							
					small ≤1mm strands.			stockwked veinlets							
				at	107.8 m				196034	105.8	108.8	949	54	.4	5
					thick syntexial Qtz, Py	10-20	26-30°	Qtz - Py ± Cp							
					± Cp vein										
		108.2 - 112.3 m			108.2 - 112.3 m	1-2	30°-55°	Qtz - Py - Cp	035	108.8	111.9	1334	56	.6	7
		greenish grey			Propylytic										
		abundant biot.			Plag. alt'd to calcite +										
		-semi-crowded alt'd			epidote - biot. appears										
		plag.			as fresh fg. to m.g.										
		Hardness = 3			books.										
		fract. rare @ 32°-80°			few veinlets, spaced										
		to C.A., chl. coated			30 - 50 cm apart										
					-some offset by										
					others of same size										

+ mineralogy
- minor Py ± Cp.

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(86.6 - 227.2 m cont.)													
		112.3 - 138.8 m	112.3	138.8	Potassic	1-2	0-75°	Qtz-Carb-Py							
		-Dk grey, m.g. to c.g.,			plag. alt'd to kspar			·Cp.							
		groundmass supported.			Sx's in veinlets, on fract.										
		-plag. appears as grey to			+ dissem. blebs. (1-3 mm)										
		white, vitreous, irregular,			Py > Cp										
		subhedral laths., unzoned													
		-kspar as square to thin tabular		at	112.5 m				196036	111.9	115.0	1063	85	<.3	3
		milky white to light pink fg. to			intersecting veinlets	1	30°-45°	Qtz-carb-Py	037	115.0	118.0	766	44	<.3	2
		m.g. w crude tartan twins			w one offset 1.2 cm			-Cp	038	118.0	121.0	886	91	<.3	2
		on some, also vitreous			by veinlet @ 30° to C.A.				039	121.0	124.0	775	64	<.3	1
		-abundant m.g. to c.g.,			other veinlet @ 45° to C.A				040	124.0	127.1	593	54	<.3	2
		euhedral, biot. books.							041	127.1	130.1	523	52	<.3	1
		-groundmass is dk. grey +							042	130.1	133.2	1331	126	.3	2
		aphanitic							043	133.2	136.2	1972	126	.6	5
		mod. fract'd 2-3 per 1.5m							044	136.2	139.3	2554	164	.9	4
		@ 0°-60° to C.A.													
		-coated w calcite + chl/epid.													
		138.8 - 154.3 m	138.8	154.3	Phyllic	1-2	var.	-carb-hem-Py	045	139.3	142.3	2716	117	1.5	14
		Bleached, white to light			plag. + groundmass alt'd			-Cp ± Chl(epid)							
		grey from unconsolidated			to sericite			in stockwked							
		rubble to competent.			in more competent core			veinlets							
		Hardness (H=1-3)			have stockwked veinlets,										
		-chalky + aphanitic to			irregular + discontinuous										
		porphyritic w alt'd plag. +													
		groundmass													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(96.6 - 227.2 m cont.)	138.8	154.3	Su's on fract. surfaces,										
		- 138.8 - 154.3 m cont.	cont'd		stockwked veinlets										
		-biot. absent			Py ≥ Cp overall										
		fract. common < 0.5cm			~1-1.5% Py, ~1.0% Cp										
		apart. @ 0°-65° to C.A.			Cp > Py on fract. surfaces										
					Cp ~ 40-60% of surf.										
		153.8 - 154.3 m			area										
		fine gravel size rubble													
				at	145.3 m				196046	142.3	145.4	3111	105	1.5	8
					15cm long fract.				047	145.4	148.4	1758	98	1.9	7
					w abundant Cp, ~25-30%				048	148.4	151.5	1385	35	1.6	5
					of surf. Area.; fract. @				049	151.5	154.5	279	26	<.3	2
					0-5° to C.A.										
				at	154.8 m				050	154.5	157.6	920	39.	<.3	8
					0.5cm - 1.0cm wide veinlet/	5-10	25°	Qtz - Py ± Cp							
					vein										
		154.3 - 197.4 m	154.3	197.4	Propylytic										
		-greenish grey, groundmass supported			Plag. partially alt'd to carb. (calc./dol.)										
		- Plag. alt'd, light pastel			-biot. mostly unaltered but										
		green to strong green, m.g.			w few grains alt'd to Chl.										
		to c.g.			-groundmass shows abundant										
		-abundant black biot.,			chl.										
		euhedral, m.g. to c.g.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(86.6 - 227.2m cont.)													
		154.3 - 197.4m cont..	154.3	197.4	- Su's occur in veinlets,	<1-4	25°-55°	Qtz - Carb - Py -	196051	157.6	160.6	1077	64	<.3	21
		moderately fract'd from	cont'd.		+ veins as thin strands.			Cp	052	160.6	163.6	1152	115	<.3	7
		10 cm to >0.5 m apart			ω Py ≥ Cp.				053	163.6	166.6	1323	5%	.4	18
		@ 40°-70° to C.A., cemented			Py occurs as subhedral xtals				054	166.6	169.8	1052	73	.4	20
		by Chl, carb + Su's			in vugs ω carb. + qtz										
					vugs, << 1% of core sec'n.										
					- Both Py + Cp also dissem.										
					in 1-2 mm patchy blebs										
					throughout										
					Py ≥ Cp ; ~1.0% Py, ~0.5-1.0%										
					Cp										
					172.4 - 176.5 m				055	169.8	172.8	1058	94	.3	3
					- high Su's concentration				056	172.8	175.9	1178	25	<.3	41
					mainly coating fractures				057	175.9	179.0	685	98	<.3	16
					but also in 4-5 mm	4-5	0-40°	Carb - Py - Cp	058	179.0	182.0	742	44	<.3	5
					veinlets ω carb.				059	182.0	185.0	870	68	<.3	4
					Py ~ 2%, Cp ~ 1%.				060	185.0	188.1	818	63	<.3	3
				@	190.8 m				061	188.1	191.0	674	35	<.3	6
					20cm long syntaxial	10-20	25°	Py - Qtz ± Cp							
					vein of Py ω qtz cementing										
					subhedral Py xtals.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(86.6 - 227.2 m cont.)													
				at	192.2 m				196062	191.0	194.0	587	39	<.3	2.2
					large irregular vug filled				063	194.0	197.0	852	29	<.3	45
					w 3mm interlocking subhedral										
					dol. + calc. x ttalc										
					vug measures 2-3 cm wide										
					x 8-10cm long.										
					197.2 - 199.3 m										
					Phyllic										
					strong increase in Chl.										
					over 15cm from 197.2m										
					marks transition to										
					Phyllic. alt'n.										
					- Bleached, white										
					Plag. alt'd to sericite										
					biot absent										
					minor << 1% disseminated										
					Py + Cp										
				at	198.1 m				064	197.0	200.0	1116	54	<.3	32
					Moly, Py, Cp lined fract./	3-6	18-22°	Ca.b - Moly - Py -							
					irregular veinlet ~10 cm			Cp.							
					long - cut + offset by										
					5mm by a 1-3mm wide										
					grey Qtz veinlet @ 25° to C.A.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(96.6 - 227.2 m cont.)													
		199.3 - 202.2 m	199.3	202.1	Potassic	1-2	var.	carb. - Qtz - Py - Cp	196065	200.0	203.0	488	31	<.3	7
		Dark, hard (H = 4.5) + siliceous			- plag. alt'd to ksper, some grains show twinning.										
		- abundant, fresh, f.g. to m.g. biotite. - some alt'd reddish brown			- mostly fresh biotite										
		- alt'd plag.			- magnetite										
		- Kspar abundant			- sul's abund. in veinlets, fractures + dissem.										
		- magnetic			Py > Cp										
		- moderately fract. @ 55°-80° to C.A. - cooled			1-2% Py, >0.5% Cp										
		ū Carb. + white, waxy material													
		201.1 - 206.6 m	202.1	202.1	Propylytic	<1-2	var.	Qtz - Py - Cp ± Chl.							
		- greenish grey			- rapid change to propylytic alt'n from Potassic										
		- subhedral alt'd plag.			- strong increase in Chl.										
		- few fract. @ 50° to 90° to C.A. - calc. coated			- Plag. alt'd to calcite.										
					- abundant f.g. biot.										
					- sul's in veinlets, massive, dissem. + fract. fill.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(81.6 - 227.2 cont)													
		202.6 - 211.8 m	202.6	211.8	Phyllic	1-8	5°-45°	Qtz - carb - Py	196066	203.0	206.3	1216	48	.3	71
		- Bleached, white			- change to phyll. marked			- Cp							
		- no biot.			by fine gravel rubble										
		- mostly competent, rubbly			for 10cm.										
		in places			- seric. + minor chl.										
		- soft (H=2)			su's in veinlets, some										
		strongly fract. - 10-40 cm			stckwked. + dissem. blebs.										
		apart @ 25°-75° to C.A.			Py > Cp										
				at	206.9 m	5-6	25°-45°	Qtz - Py - Cp.	067	206.3	209.4	1308	62	<.3	21
					thick stckwked Qtz				068	209.4	210.0	733	38	.3	4
					veinlets @ 25°-45° to C.A.										
					- shallow angled one offsets										
					the other by 3cm.										
		211.8 - 214.8 m	211.8	214.8	Propylytic				069	210.0	212.4	688	29	<.3	3
		- greyish green			Plag. alt'd to carb. +										
		- mod. crowded			Chl./epid.										
		- Change to Prop. alt'n			abund. f.g. - m.g. biot.										
		marked by 10cm sec'n			- minor su's in fine	<1-3	var.	Qtz - Py - Cpz							
		of Chloritic gravelly rubble.			stringers as cement to			Chl/epid.							
	at	214.8 m			fract's w Qtz.										
		change in alt'n marked		at	214.7 m	5	15°	Qtz - Py - Cp	070	212.4	215.5	1144	42	<.3	11
		10cm bleached zone,			thick Qtz, Py, Cp veinlet										
		strongly crowded Plag.			su's dissem. + blebs										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag / PPM	Mo PPM
		(96.6 - 227.2 m cont.)													
		214.8-220.6 m	214.8	220.6	Potassic	<1-2	var.	Anhy.-carb-	196971	215.5	218.5	638	36	<.3	8
		dark grey + hard (H=8)			-abund. kspar			Cp - Py ± hem(mag)							
		-abundant fracts, <0.3m			-anhydrite (dull white, waxy)										
		apart 0-90° to C.A.,			as fract. cement + veinlets										
		often anhydrite coated.			-magnetite + hem abund.										
		- magnetic			- su's occ. as fine dissem's										
					to lge masses in veinlets										
					-largest blob 4cm l x 2cm w.										
					at 220.0m										
				at	220.6 m				072	218.5	221.6	1105	45	.3	3
					-lge mag./hem vein	12-16	5°	Mag-hem-Cp							
					marking change in alt'n			± Py.							
					-edges reddish, to black +										
					aphanitic in center, 1.2-										
					1.6cm wide - minor										
					dissem. su's,										
		220.6 - 227.2 m	220.6	227.2	Phyllic				073	221.6	224.6	1108	37	<.3	15
		- light + soft (H=2)			- change to Phyll. marked				074	224.6	226.5	1183	58	.8	83
		- abundant hairline fracts,			by above Mag. vein +				075	226.5	227.7	650	37	1.0	9
		carb. cemented + very			chl./epid. zone 15cm long.										
		irregular @ 0-90° to C.A.			± Biot.										
					- Bleached, white - tan brown										
					-seric, mg. to cg. plag.										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(96.6 - 227.2 m cont.)													
			220.2 cont'd.	227.2	- biot absent										
					- minor veinlets	<1	var.	Qtz - calc ± Py							
					- su's very fine sprinkles			± Cp							
					Cp << 0.5%										
227.2	229.3	Good Breccia	227.2	229.3	- 90% of clasts are				196076	227.7	230.7	920	43	.7	41
		- very broken up, clast			Phyllic alt'd BFP, rest										
		supported - calc. + Qtz cement			are propylytic										
		- clasts range from small			su's occ. as vug linings										
		< 1cm chunks to large very			± calc., fine to large										
		angular fragments composed			veinlets + fract. cement	1-3	15°-60°	Qtz - Py ± Cp							
		of Phyllic alt'd BFP, calcite			Py > Cp										
		cement, siliceous in places			~1% Py + <0.5% Cp.										
		- pores account for 20-30%		at	227.6 m										
		of volume.			- thick Qtz veinlet, grey	2-6	45°	Qtz - Py ± Cp							
229.3	355.9	Biotite Feldspar Porphyry	229.3	355.9	Variably Altered from										
		- variably alt'd			Propylytic to Potassic										
		Dk grey to bleached			biot abundant + c.g. to										
		- groundmass to phenocryst			absent										
		supported. - groundmass aphanitic			f'sper altered to sericite,										
		- very hard (H=4-5) + competent			epidote/chl.										
		to very soft (H=0) + mushy			su's <0.5% to 2.0%										
		- moderately fractured to			Py > Cp, - occur as fract.										
		weak breccia - magnetic			cement, veinlets + dissem.										
		to non-magnetic			avg: Py ~ 1.0%; Cp ~ 0.5-0.8%										
					~ 0.3% Cu										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(229.3-355.9 m cont.)													
		229.3-237.5m	229.3	237.5	Phyllic	<1-4	20-45	Qtz-Py-Cp±	196077	230.7	233.8	1160	27	<.3	11
		-Bleached, light brown to white, groundmass supported but plag. mod. crowded, subhedral, fg. to c.g. laths, mod. hard (H=3), competent few fract., >0.5 m apart, @ 10°-65° to C.A., carb. & Qtz lined.			-plag. all'd to sericite -biot. all'd to tan color to absent -groundmass all'd to sericite w carb. cement. su's in veinlets (irregular veinlets) Py>Cp			carb.	078	233.8	236.8	1402	66	.5	3
		237.5-251.5 m	237.5	251.5	Potassic	<1-1	20°-80°	carb-hem(mag)	079	236.8	239.9	729	37	<.3	4
		Dk grey Plag. fg. to c.g. subhed. to euhed. laths -abundant fresh m.g. biot. -magnetic -hard (H=3-4) & competent fract. 10-50cm apart -dolomite cemented @ 50°-80° to C.A.			-plag. all'd to kspar -abundant veinlets -su's coating fractures but mostly in veinlets Py>Cp 0.5-1.0% Py, <0.5% Cp.			-Py-Cp.	080	239.9	242.9	1359	60	<.3	7
									081	242.9	244.4	1667	81	.5	2

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(229.3-355.9 m cont.)													
		244.6-251.5 m			244.6-251.5 m				196082	244.4	246.0	1384	96	<.3	5
		Fault.			-Potassic				083	246.0	249.0	956	130	<.3	3
		-above BFP ground to			-same as above.				084	249.0	252.0	1602	85	1.1	18
		very angular chunks <1cm			-su's occur as fine										
		to 10cm.			dissems. on fragments,										
		-Magnetic			Py > Cp ~1% total su's										
					~0.5-1% Py ~0.5% Cp.										
		251.5-254.6	251.5	254.6	Propylytic	1-3	10-15°	Calc-Cp-Py							
		-light greenish grey			-Ptag. altd to epidote										
		-m.g. to cg. plag.			(cores) + calcite (rims)										
		-abundant fresh biot. (f.g.)			-su's in stringers, hairline										
		-mod. crowded. plag.			fractures + dissem.										
					Cp > Py										
					~1% Cp, ~0.5-1.0% Py										
				at	251.6 m										
					-Qtz, Cp vein	12-14	30°	Qtz - Cp ± Py							
					-Cp occurs as selvage										
					around milky white Qtz										
					vein, this is surrounded										
					by a grey Qtz envelope										
					which extends 3-4 mm into										
					BFP - Cp selv. 3-4mm wide.										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(229.3 - 355.9 m cont.)													
		255.7 - 257.2 m	254.6	258.4	Potassic	1	0-60°	Carb - Qtz - Cp	196085	252.0	255.1	2371	121	.5	10
		Fault			- Plag. alt'd to kspar			± Py ± hem (mag)	086	255.1	258.2	1882	79	.6	5
		- med. to coarse frags.			- magnetic										
		(1 - 5cm)			- fig. biot (fresh) abundant										
		- Fe Ox + chl. stained			- su's dissem. + in										
		on some			stringers.										
					- abrupt change in alt'n										
					over < 10cm										
		258.4 - 261.9 m	258.4	261.9	Propylytic	1-2	10°-45°	carb - Chl/epid	087	258.2	261.2	2343	92	.4	3
		- light green grey			Plag. → epid. (cores) +			- Cp - Py							
		- n.g. plag. (alt'd)			calc. (rims)										
		- abund. fig. biot (fresh)			- su's in + along veinlets										
		- hard (H=4-5) + competent			(patchy dissem.)										
		- few fract. > 0.5m apart			Cp > Py										
		@ 60 - 70° to C.A., calc./													
		dol. lined.													
		261.9 - 267.9 m	261.9	267.9	Phyllic				088	261.2	264.3	2416	127	.5	3
		- Bleached, white - light grey			- change to Phyllic marked										
		- very fig. / aphanitic for			by 12cm long Chl + clay										
		first 2.5m + last 10m			sec'n										
		- crowded Plag. in middle			- plag. → sericite										

- Variably hard (H = 2-4)
- harder in middle.

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(229.3 - 355.9 m cont.)													
		261.9 - 267.9 m cont.	261.9 cont.	267.9	- biot. absent										
					- su's < 0.5%										
					Py > Cp in hairline veinlets	<1	var.	carb - Py - Cp							
				at	265.6m				196089	264.3	267.0	3156	235	1.1	1
					vuggy Py veinlet, very erratic shape.	2-7	0-20°	Py - Qtz ± Cp							
			267.9	272.6	Propylytic										
					- f.g. to very c.g. (7mm) plag. alt'd → epid. (cores) + calc. (rims)										
					- few veinlets										
					- su's in thin < 1mm discontinuous strands + fine disems.										
				at	267.5m				090	267.0	270.3	3274	456	1.2	7
					40cm long sec'n of fine sand - probably drilling problem										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(229.3 - 355.9 m cont.)													
		272.6 - 282.0 m	272.6	282.0	Potassic				196091	270.3	273.0	1462	82	1.4	1
		- Dk grey, f.g., - m.g.			Plag. → kspar										
		- few fracts. > 0.5 m			abund. f.g. biot. (fresh)										
		apart @ 0-35° to C.A.			su's dissem. along veinlets	1	40-50°	Qtz - Cp - Py							
		coated w anhydrite			+ irregular fracts.			± hem (mag.)							
					Cp > Py										
		274.6 - 280.0 m			274.6 - 280.0 m				092	273.0	277.1	3220	270	1.0	13
		Fault.			- Cp + Py on frag. surfaces				093	277.1	279.0	3283	312	1.1	3
		- coarse very angular			- no major concentration of su's				094	279.0	282.0	3261	176	.7	7
		frags. - some hem stained			Cp < 0.5%.										
		282.0 - 309.4 m	282.0	309.4	Propylytic	2-4	0°-45	Qtz - Cp - Py	095	282.0	285.6	2417	213	.7	5
		light grey			plag → calcite + epid.			± Moly.	096	285.6	289.0	2119	134	.7	7
		- mod. crowded.			- many plag. grains totally				097	289.0	292.0	1605	167	< .3	37
		- abund. f.g - m.g fresh			alt'd to calcite.										
		biot.			- epid. less abund.										
		few fract., > 0.5 m apart			su's < 0.5%, in veinlets										
		@ 40°-50° to C.A., calcite			+ dissem.										
		+ chl. cemented.			Cp > Py, w some moly										
					w Cp in veinlets.										
					- 293.9 - 294.7 m - large,	1-3	0°-5°	Qtz - Cp - Py	098	292.0	294.0	1155	113	.5	88
					- series of 2, 15-18 cm			- Moly							
					long en-echelon Cp-Py-Mo veinlets										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(229.3 - 355.9 m cont.)													
					293.9 - 294.7 m cont.				196099	294.0	297.8	2271	322	<.3	235
					Cp occ. as blebs w Qtz				100	297.8	300.1	1236	68	<.3	18
					to 5-8cm long secn's				101	300.1	303.9	1529	85	<.3	40
					w 90% Cp.				102	303.9	306.9	907	72	<.3	28
					- moly occ. as fine 1mm				103	306.9	310.0	760	42	<.3	19
					grains to thin <1mm strands										
					0.5 cm long intermingled										
					w Cp.										
		309.4 - 355.9 m	309.4	355.9	Intermediate Argillic	1-12	var.	Qtz - carb (calc.	104	310.0	313.0	486	24	.3	15
		Bleached, light grey to			Plag. mainly alt'd to			dol.) - Py - Cp	105	313.0	316.1	2959	232	.5	76
		white			clay (kaolinite?)/sericite,			± hem (msg.)							
		plag. mostly m.g - to c.g.,			calcite ± minor epidote										
		laths, whit. to greenish			- carb. cement										
		- groundmass supported			- mushy secn's have 1:1 Hle										
		w semi-crowded, alt'd			carb. cement ± plag. alt'd										
		plag.			to clay.										
		soft (H=0-3) + competent			- Sc's occ. as fine dissem.,										
		to mushy			veinlets ± veins										
		- competent secn's have			Py > Cp										
		few fracts, most ≥ 0.5m			~ 1.0% Py + <0.5% Cp.										
		apart, consistently @ 40-55°			~ 0.2% Cu										
		to C.A.													
		- increasingly stockworked down													
		secn.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		229.3-355.9m cont.)		at	316.1m				196106	316.1	319.1	2699	134	.9	70
					40cm long stckwked secn				107	319.1	322.2	1852	232	.8	10
					~ 3-4% Py, 1% Cp + 0.5% Moly				108	322.2	325.2	4668	218	1.3	5
					cut by thick veinlet	4-5	0-5°	Qtz-Py-Cp							
					-moly occurs as 2-5mm			± mdy							
					patches ~ Py + lesser Cp										
					as infilling in strongly										
					stckwked areas										
				at	325.6 m				109	325.2	328.3	3324	185	1.3	3
					30cm long advanced stckwk				110	328.3	331.3	4450	449	1.6	10
					secn ~ 3 large sulphide	4-6	40-45°	Qtz-Py-Cp	111	331.3	334.4	3513	230	1.6	11
					rich veinlets/veins.	10-13	50°	Qtz-carb-Py							
								-Cp							
				at	337.2m				112	334.4	337.4	3066	311	1.0	26
					60cm long, continuous,	2-3	~0°	Qtz-Cp≥Py	113	337.4	340.5	3616	356	1.0	41
					wave-like antitexial vein			- Qtz as thin							
					high in sul's.			selvage							
					340.4 - 341.8 m				114	340.5	343.5	6186	441	2.4	28
					-advanced stckwk zone	<1-5	var.	Qtz-carb-hem	115	343.5	346.6	4782	339	1.7	10
					~ increase in hem. +			-Py-Cp.	116	346.6	349.6	3024	228	1.0	5
					abund. sul's ~1-1.5% Py				117	349.6	354.2	3024	219	1.3	15
					+ 0.5-1% Cp				119	354.2	355.7	3282	138	1.2	5
					sul's in fine fract's as cement										
					to large veinlets ~ Qtz,										
					carb. + hem.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
355.9	384.7	Hornblende Biotite Feldspar			Strong carbonate (calc./										
		Porphyry (altered)			dol.) alteration										
		U.C. gradational over			-plag. recrystallized to										
		40-50 cm, marked by an			calcite + dolomite										
		increase in biot. + Hbld.			-biot. alt'd to dull black,										
		+ ū Plag. content decreasing			brown when scratched.										
		-plag. becoming more			-su's occur as fine										
		carb. (calc./dol.) rich +			disseminations throughout + in										
		ū less epid. to finally			stockwked, Qtz, carb.(calc./										
		epid. absent.			dol.) veinlets										
					-in Qtz veinlet Py + Cp	1-3	15°-25°	Qtz-Py-Cp	196119	355.7	358.7	864	42	.3	2
		from 356.5-384.7m			occ. as thin ≤1mm strands				120	358.7	361.8	1581	56	.5	3
		rk appears as dk grey			ū grey Qtz selvages ~1mm										
		groundmass supported			wide + irregular lenses										
		biot rich (fig. + ~20%)			+ blebs adjacent to wallrock										
		plag. deficient (~10-20%			-carb. veinlets have su's	<1-2	var.	carb.-Py-Cp							
		mg. to cg.) microporphyry			as irregularily sized										
		-only large phenos are of			blebs										
		plag.-hblnd. very fg. black needles			-anhydrite veinlets are	1-3	15°-70°	Anhydrite							
		-mod. hard (H=3)			barren of su's but										
		-very competent, strong			Py + Cp appear as fine										
		to mod. fractd. ū			disseminations adjacent										
		most fracts. ≤ 20 cm apart			to these.										
		@ 50-75° to C.A. -cemented													
		by calc. ū minor su's													
		+ occasionally by anhydrite													

- minor stockwk throughout

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(355.5 - 384.7m cont.)													
				at	364.3m				196121	361.8	364.8	4032	242	1.9	1
					80cm long advanced stckwk				122	364.9	367.9	2199	98	1.0	3
					section ~5 abund. Su's				123	367.9	370.9	1076	33	.4	4
					-Cp blebs, lenses & masses fillin				124	370.9	374.0	1275	41	1.3	4
					open spaces.				125	374.0	377.0	1093	62	.5	3
					Cp >> Py; ~1-2% Cp; ≤ 0.5% Py				126	377.0	380.0	3017	120	1.3	2
				at	381.2m	20-30	50°-55°	Qtz-carb.-Py	127	380.0	383.1	1776	122	.6	2
					-Qtz, carb vein ~ abund.			-Cp	128	383.1	384.7	1123	59	.3	<1
					subbed. Py ± Cp.										
at	384.7	B.O.H.													

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-0957 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
120758 B	1	12	4	26	<.3	4	1	681	4.95	4	<5	<2	<2	10	.5	<2	<2	2	.44	.039	3	12	.22	21	.04	<3	.23	.13	.01	5	17
120759 B	1	9	3	29	<.3	4	1	634	4.87	<2	<5	<2	<2	10	.4	<2	<2	2	.40	.039	4	10	.24	23	.04	<3	.26	.14	.01	4	17
120760 B	1	12	6	45	<.3	4	3	871	5.47	10	<5	<2	2	14	.6	<2	<2	1	.63	.040	4	11	.38	15	.02	<3	.33	.13	<.01	6	50
120761 B	2	140	15	72	1.0	4	2	996	6.78	369	<5	<2	2	15	.6	<2	<2	2	.77	.041	2	12	.53	23	.02	<3	.48	.12	.07	3	46
120762 B	2	278	11	119	1.1	4	5	670	6.06	541	<5	<2	2	16	1.0	2	3	3	1.04	.036	3	10	.55	33	.02	<3	.35	.07	.03	4	245
120763 B	1	7	3	21	<.3	4	2	452	4.52	3	<5	<2	<2	12	.4	2	<2	1	.77	.040	4	12	.28	21	.04	3	.28	.15	.02	3	22
120764 B	1	7	4	26	<.3	3	2	366	4.58	3	<5	<2	2	11	.5	<2	<2	1	.69	.041	4	12	.25	15	.04	<3	.28	.13	.01	4	14
120765 B	1	6	4	24	<.3	4	2	505	4.63	<2	<5	<2	2	12	.5	<2	<2	1	.78	.039	3	11	.29	17	.04	<3	.28	.13	.04	3	35
120766 B	1	5	4	22	<.3	3	4	510	4.18	3	<5	<2	2	12	.5	<2	<2	1	.77	.041	3	12	.31	16	.03	<3	.30	.10	.03	3	7
120767 B	2	5	5	20	<.3	4	1	469	4.21	2	<5	<2	2	12	.7	<2	<2	1	.77	.041	4	10	.25	25	.04	<3	.28	.13	.04	2	2
120768 B	1	4	<3	21	<.3	4	2	473	4.58	<2	<5	<2	2	13	.4	<2	<2	1	.93	.041	4	12	.32	10	.05	<3	.29	.14	.02	3	35
120769 B	2	5	3	15	<.3	3	4	443	4.57	<2	<5	<2	2	11	.3	<2	<2	<1	.69	.044	4	10	.23	8	.05	<3	.26	.13	.01	2	23
120770 B	1	41	12	102	.3	6	3	607	4.64	282	<5	<2	<2	9	.9	<2	3	1	.60	.044	4	21	.27	17	.04	<3	.29	.12	.01	4	18
120771 B	2	7	4	17	<.3	4	3	494	4.71	<2	<5	<2	<2	10	.6	<2	2	1	.65	.043	12	13	.24	15	.05	<3	.32	.15	.02	4	24
RE 120771 B	1	7	3	17	<.3	4	3	523	4.99	<2	<5	<2	2	10	.6	<2	<2	1	.68	.045	12	13	.25	15	.05	<3	.34	.16	.02	4	11
120772 B	1	62	13	141	.4	6	5	676	4.20	55	<5	<2	<2	12	1.2	<2	<2	5	.71	.042	6	10	.35	31	.02	<3	.50	.07	<.01	3	526
120773 B	2	35	12	39	<.3	4	1	545	4.07	55	<5	<2	<2	9	.6	<2	2	2	.61	.040	4	13	.24	8	.04	<3	.33	.10	.02	3	11
196001	9	1136	5	56	<.3	9	11	453	6.20	12	<5	<2	3	34	.9	<2	<2	19	1.13	.201	16	11	.91	469	.11	<3	1.26	.09	.41	<2	71
196002	17	2208	8	56	<.3	7	12	270	5.69	4	<5	<2	2	54	.7	<2	<2	23	.94	.172	16	12	1.01	430	.14	<3	.96	.10	.55	<2	77
196003	15	2111	12	91	.3	7	12	425	6.07	14	<5	<2	3	59	1.0	<2	<2	21	1.25	.171	16	9	1.15	621	.12	<3	.99	.07	.51	<2	82
196004	15	1787	10	74	<.3	5	11	334	5.57	5	<5	<2	2	54	.9	<2	<2	16	1.46	.193	14	7	1.11	217	.11	<3	.87	.07	.43	<2	81
196005	8	2052	44	134	.9	6	12	587	5.77	15	<5	<2	3	59	1.1	<2	<2	17	1.29	.170	12	8	1.10	154	.10	<3	.73	.07	.43	<2	77
196006	37	2554	7	68	.3	6	13	324	5.74	13	<5	<2	2	129	.8	<2	<2	19	1.17	.152	11	9	1.20	149	.11	<3	.82	.08	.48	<2	83
196007	23	2228	11	111	.7	6	12	731	5.46	13	<5	<2	3	114	.9	<2	<2	17	1.29	.158	12	9	1.16	213	.10	<3	.76	.08	.44	2	74
196008	18	1586	14	124	<.3	10	11	298	4.28	2	<5	<2	3	100	.9	<2	2	29	1.18	.153	15	16	1.12	345	.13	<3	.84	.09	.51	<2	66
196009	9	1178	11	140	.5	15	10	1792	4.46	4	<5	<2	4	92	.8	<2	<2	43	1.46	.122	13	25	1.15	656	.09	<3	.81	.04	.46	<2	57
196010	17	1862	6	52	<.3	7	12	235	6.04	<2	<5	<2	3	766	.7	<2	<2	20	1.04	.164	11	10	.92	294	.13	<3	.74	.09	.50	<2	123
196011	17	2443	8	55	<.3	9	16	214	6.13	2	<5	<2	3	942	1.0	<2	<2	26	1.17	.185	14	26	1.37	185	.20	<3	1.05	.10	.83	2	81
196012	21	2997	5	56	.6	21	14	207	6.02	2	<5	<2	3	1289	1.0	<2	<2	48	1.10	.145	13	45	1.53	313	.22	<3	1.21	.09	.96	<2	123
196013	10	2339	4	50	.3	19	14	196	5.56	<2	<5	<2	4	724	.9	<2	<2	56	1.05	.139	13	46	1.47	340	.23	<3	1.17	.09	.92	2	75
196014	20	3951	6	66	.7	25	17	238	4.78	2	<5	<2	4	653	.8	<2	<2	77	1.19	.123	13	51	1.66	246	.27	<3	1.40	.08	1.16	<2	212
196015	12	3427	5	59	.5	7	15	246	6.42	3	<5	<2	3	264	1.0	<2	<2	21	.96	.168	12	10	1.16	212	.19	<3	.95	.10	.73	<2	129
196016	35	4201	5	56	.6	7	18	229	6.32	5	<5	<2	2	325	.9	<2	4	18	1.02	.169	11	8	.99	145	.12	<3	.74	.09	.50	<2	141
196017	29	2577	6	61	.3	8	13	204	6.25	2	<5	<2	2	767	1.0	<2	2	19	.92	.154	11	9	1.04	183	.13	<3	.77	.09	.53	<2	103
196018	7	2361	11	97	<.3	6	14	239	6.89	9	5	<2	2	1401	1.1	<2	3	17	1.10	.169	10	7	1.02	183	.11	<3	.72	.09	.48	<2	101
STANDARD C3/AU-R	26	67	35	165	5.5	37	12	784	3.48	58	18	<2	20	32	23.9	16	23	84	.60	.098	19	172	.66	151	.11	18	1.97	.04	.17	16	471

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-105

DATE RECEIVED: MAR 4 1997 DATE REPORT MAILED: March 10/97 SIGNED BY. C. Toye ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196019	22	3262	7	69	1.0	9	13	232	5.81	12	<5	<2	2	713	.7	<2	<2	21	1.25	.141	12	11	1.10	151	.13	3	.81	.09	.51	2	212
196020	15	3475	12	121	1.0	7	14	271	5.66	6	<5	<2	2	218	.7	<2	<2	18	1.03	.155	12	8	1.15	164	.17	3	.88	.09	.64	<2	160
196021	17	2953	194	1255	2.0	16	16	2928	5.95	106	<5	<2	2	703	7.3	17	<2	32	1.59	.124	11	23	1.25	103	.11	3	.80	.06	.52	<2	124
196022	25	5005	10	91	1.1	10	12	274	4.67	5	<5	<2	2	193	.7	<2	<2	20	1.30	.145	12	10	.94	130	.10	<3	.68	.08	.40	<2	261
196023	6	2391	5	64	.5	22	11	243	3.55	<2	<5	<2	4	114	.6	<2	<2	64	1.21	.114	14	38	1.14	437	.16	<3	.85	.07	.59	2	120
196024	7	642	3	70	<.3	28	13	262	3.36	<2	<5	<2	4	111	.5	<2	<2	87	1.24	.106	14	47	1.32	750	.21	<3	1.07	.08	.78	<2	37
196025	4	887	13	86	<.3	30	13	336	3.21	6	<5	<2	5	131	.8	2	<2	85	1.37	.102	16	54	1.30	497	.19	<3	1.07	.08	.68	3	35
196026	4	1665	<3	50	.4	21	11	301	3.42	6	<5	<2	4	151	.3	<2	<2	67	1.52	.121	16	38	1.27	248	.14	<3	1.16	.03	.53	<2	78
196027	139	5390	128	171	2.3	10	15	572	5.32	296	<5	<2	3	120	1.9	63	<2	24	3.61	.189	13	8	1.52	44	.01	<3	1.05	.02	.06	<2	133
RE 196027	163	5455	129	174	2.2	10	16	575	5.35	298	<5	<2	3	121	2.0	64	<2	23	3.62	.190	14	9	1.52	44	.01	<3	1.07	.02	.06	<2	153
196028	7	1430	355	200	3.0	25	12	493	3.78	221	<5	<2	4	130	2.4	132	<2	67	3.54	.128	15	35	1.66	188	.06	<3	.94	.02	.27	<2	56
196029	12	2744	10	55	.8	13	13	450	4.58	13	<5	<2	3	96	.5	3	<2	30	1.65	.160	13	18	.97	49	.04	<3	.84	.04	.17	<2	137
196030	11	3280	45	91	1.8	37	13	535	3.49	33	5	<2	3	113	.8	5	4	71	2.87	.117	23	39	1.11	34	<.01	<3	1.04	.01	.07	<2	119
196031	4	1801	11	59	.5	31	12	562	2.92	9	<5	<2	3	124	.6	2	<2	65	2.58	.139	24	38	1.05	137	.01	<3	1.05	.01	.08	<2	52
196032	5	1886	14	101	.4	31	12	1093	3.13	37	5	<2	3	120	.5	3	<2	78	2.50	.115	25	42	1.37	216	.08	<3	1.05	.02	.39	<2	79
196033	5	2790	8	95	.6	34	13	412	3.42	11	<5	<2	3	190	.6	<2	3	88	1.91	.106	16	49	1.54	210	.18	<3	1.10	.05	.72	<2	105
196034	5	949	26	171	.4	32	13	1802	3.67	32	<5	<2	4	130	.7	8	<2	77	2.35	.104	17	45	1.58	230	.11	4	1.15	.04	.55	<2	54
196035	7	1334	17	157	.6	31	14	759	3.05	9	<5	<2	4	108	.6	2	<2	59	2.57	.112	11	34	1.38	71	.03	4	.85	.04	.28	<2	56
196036	3	1063	14	89	<.3	28	12	229	3.33	2	<5	<2	4	117	.7	<2	<2	81	1.59	.099	13	48	1.38	151	.16	<3	1.02	.06	.63	<2	85
196037	2	766	3	64	<.3	32	13	267	3.22	2	<5	<2	4	97	.4	2	<2	86	1.58	.103	14	57	1.42	619	.22	<3	1.07	.06	.82	2	44
196038	2	886	3	55	<.3	34	14	203	3.76	<2	<5	<2	4	76	.5	<2	<2	97	.99	.105	13	60	1.53	455	.27	<3	1.19	.08	.96	2	91
196039	1	775	<3	58	<.3	37	14	214	3.89	<2	<5	<2	4	59	.4	<2	<2	109	1.01	.104	13	75	1.70	384	.29	<3	1.33	.12	1.06	2	64
196040	2	593	4	56	<.3	31	12	196	3.62	2	7	<2	5	81	.5	<2	<2	87	1.29	.106	14	60	1.45	628	.24	<3	1.16	.09	.86	3	54
196041	1	523	9	200	<.3	31	11	1709	3.57	10	<5	<2	4	94	.7	6	<2	77	1.81	.109	13	53	1.30	560	.17	4	.99	.07	.66	2	52
196042	2	1331	11	107	.3	24	12	298	4.64	10	5	<2	3	47	.8	<2	<2	65	1.24	.130	15	42	1.28	303	.19	<3	1.04	.09	.69	2	126
196043	5	1972	15	142	.6	19	11	491	5.19	19	<5	<2	3	62	.8	<2	<2	55	1.26	.128	13	36	1.09	344	.15	<3	.84	.08	.53	3	126
196044	4	2557	17	267	.9	9	14	1378	6.90	50	<5	<2	3	53	.8	7	<2	17	1.28	.160	12	9	1.05	106	.11	4	.77	.07	.43	<2	164
196045	14	2716	17	232	1.5	16	10	3026	6.90	88	<5	<2	3	80	1.1	<2	2	28	2.44	.150	12	14	1.46	134	.02	3	.90	.04	.18	<2	117
196046	8	3111	15	173	1.5	21	10	2136	5.25	36	<5	<2	3	65	.9	4	<2	49	2.38	.137	12	26	1.25	59	<.01	3	.87	.01	.12	<2	105
196047	7	1758	155	576	1.9	22	10	2499	4.02	120	<5	<2	3	54	2.9	7	<2	49	2.31	.102	9	29	1.09	48	<.01	4	.84	.01	.17	<2	98
196048	5	1385	46	286	1.6	25	11	5723	4.71	59	<5	<2	4	75	1.1	7	<2	42	2.19	.091	11	27	1.05	81	<.01	6	.87	.01	.27	<2	35
196049	2	279	44	319	<.3	27	13	5502	4.64	21	<5	<2	4	121	1.0	3	<2	48	2.59	.098	13	31	1.27	124	.01	4	.86	.01	.26	<2	26
196050	8	920	45	206	<.3	30	9	1146	3.22	56	<5	<2	5	110	.8	6	<2	67	1.78	.102	12	43	1.25	178	.10	4	.91	.05	.44	<2	39
196051	21	1077	24	124	<.3	30	11	477	3.41	9	<5	<2	4	83	.7	3	<2	78	1.26	.120	15	43	1.47	345	.20	3	1.14	.08	.79	2	64
196052	7	1152	60	149	<.3	31	11	392	3.53	8	<5	<2	4	1509	.7	4	<2	75	1.32	.117	13	47	1.40	173	.16	3	1.13	.09	.68	2	115
STANDARD C3/AU-R	27	69	40	174	5.9	38	12	807	3.56	58	19	<2	19	31	24.2	14	23	85	.61	.092	20	174	.68	150	.11	19	2.01	.04	.17	18	447

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-105

Data f FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196053	18	1323	9	103	.4	36	10	339	3.77	2	<5	<2	4	497	.2	2	<2	80	1.03	.081	9	59	1.49	128	.18	3	1.10	.09	.76	4	56
196054	20	1052	19	205	.4	48	14	804	4.63	9	<5	<2	6	111	.5	3	<2	118	1.31	.125	16	81	1.93	280	.23	4	1.43	.12	.97	3	73
196055	3	1058	25	184	.3	46	14	709	4.71	47	<5	<2	4	240	.4	7	3	107	1.02	.118	14	83	1.85	228	.24	<3	1.35	.10	1.03	4	94
196056	41	1178	<3	49	<.3	45	14	167	4.41	<2	<5	<2	5	1939	.2	<2	<2	104	1.93	.101	15	76	1.90	196	.22	<3	1.28	.08	.90	<2	25
196057	16	685	<3	46	<.3	44	13	162	3.99	<2	<5	<2	6	3128	<.2	<2	<2	102	1.68	.116	17	76	1.90	277	.26	<3	1.43	.08	1.10	<2	98
196058	5	742	3	58	<.3	48	15	223	4.28	<2	<5	<2	5	1387	<.2	2	2	109	1.50	.118	16	85	1.98	343	.28	<3	1.44	.08	1.12	<2	44
RE 196058	5	726	3	59	<.3	48	15	220	4.23	3	<5	<2	7	1373	.2	<2	<2	107	1.49	.116	16	83	1.97	341	.27	<3	1.42	.08	1.11	<2	38

DDH
97-105

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-1056 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196059	4	870	5	44	<.3	43	15	305	3.65	5	<5	<2	4	3629	<.2	<2	<2	100	1.53	.121	13	85	1.84	388	.24	<3	1.17	.08	.91	<2	68
196060	3	818	68	2206	<.3	41	15	971	3.73	6	<5	<2	4	961	14.7	<2	<2	86	2.06	.126	15	74	1.69	451	.13	<3	.93	.07	.67	<2	63
196061	6	674	15	92	<.3	29	12	852	3.21	26	<5	<2	4	461	<.2	<2	<2	76	1.96	.113	13	39	1.32	145	.09	<3	.77	.05	.41	<2	35
196062	22	587	10	85	<.3	30	12	572	2.96	13	<5	<2	4	432	.2	<2	<2	83	1.83	.117	15	63	1.28	724	.10	<3	.76	.07	.48	2	39
196063	45	852	25	84	<.3	30	12	532	2.99	5	<5	<2	4	1436	.2	4	<2	84	1.49	.112	15	57	1.21	465	.11	<3	.76	.08	.51	2	29
196064	32	1116	20	108	<.3	28	11	968	3.03	57	<5	<2	4	1016	.3	5	3	73	1.84	.115	14	47	1.04	366	.05	<3	.78	.03	.25	<2	54
196065	7	488	10	62	<.3	29	12	461	3.26	15	<5	<2	4	1243	<.2	2	<2	79	1.87	.115	13	44	1.20	112	.11	<3	.78	.07	.49	2	31
196066	71	1216	18	137	.3	28	12	1340	2.94	40	<5	<2	3	558	.4	12	<2	72	1.81	.120	15	47	.97	370	.06	<3	.55	.05	.28	2	48
196067	21	1308	14	84	<.3	29	12	1029	2.97	45	<5	<2	4	124	.3	4	<2	68	3.72	.126	15	36	1.43	198	.01	<3	.87	.02	.08	<2	62
196068	4	733	52	144	.3	44	16	1861	3.13	94	<5	<2	4	64	.4	4	3	76	4.46	.132	16	34	1.57	27	<.01	<3	.92	.01	.05	<2	38
196069	3	688	10	57	<.3	42	15	729	3.22	86	<5	<2	5	75	<.2	3	<2	68	1.84	.145	17	34	.96	105	.04	<3	.82	.01	.19	<2	29
196070	11	1144	8	90	<.3	40	15	378	3.73	29	<5	<2	4	180	.2	<2	<2	88	1.81	.125	15	81	1.58	421	.22	<3	1.13	.04	.77	<2	42
196071	8	638	4	57	<.3	42	14	364	3.77	2	<5	<2	5	1776	<.2	<2	<2	101	1.57	.138	15	92	1.58	186	.21	<3	1.10	.07	.72	<2	36
196072	3	1105	30	101	.3	45	16	736	4.18	12	<5	<2	5	2243	<.2	<2	<2	99	1.89	.142	18	86	1.59	153	.20	<3	1.20	.05	.76	<2	45
196073	15	1108	10	86	<.3	48	15	1019	3.81	14	<5	<2	5	122	.2	5	<2	80	2.06	.152	19	64	1.19	249	.05	<3	1.06	.02	.30	<2	37
196074	83	1183	18	219	.8	41	13	3737	4.40	58	<5	<2	4	80	.5	26	2	59	2.65	.138	14	41	1.19	79	<.01	3	.66	.01	.17	<2	58
196075	9	650	11	205	1.0	31	11	3502	4.59	104	<5	<2	3	91	.6	60	<2	50	4.72	.096	10	28	1.89	30	<.01	3	.69	.01	.15	<2	37
196076	41	920	107	165	.7	37	14	1971	5.02	137	<5	<2	3	92	.3	18	<2	68	3.58	.122	11	46	1.74	42	.04	<3	.70	.02	.25	<2	43
196077	11	1160	4	55	<.3	44	15	505	4.32	26	<5	<2	4	122	.2	<2	<2	91	4.06	.148	19	69	1.88	106	.05	<3	1.05	.02	.31	<2	27
196078	3	1402	17	92	.5	49	17	917	4.41	59	<5	<2	5	90	<.2	4	2	91	5.21	.142	19	63	1.86	27	<.01	<3	.70	.01	.06	<2	66
196079	4	729	<3	64	<.3	48	17	444	4.45	2	5	<2	5	233	<.2	<2	<2	105	1.66	.142	17	110	1.77	714	.24	<3	1.47	.05	.93	<2	37
196080	7	1359	<3	43	<.3	46	16	305	4.37	2	<5	<2	5	200	<.2	<2	<2	114	1.40	.135	15	106	1.91	235	.27	<3	1.56	.07	1.08	3	60
196081	2	1667	68	120	.5	42	14	792	4.09	17	<5	<2	5	137	.5	6	<2	101	1.67	.132	15	94	1.65	238	.20	<3	1.16	.09	.78	3	81
196082	4	1384	15	92	<.3	46	16	428	4.30	3	<5	<2	5	120	.2	<2	<2	112	1.09	.135	14	108	1.74	175	.23	<3	1.31	.11	.86	3	78
RE 196082	5	1350	15	91	<.3	46	16	434	4.25	4	<5	<2	5	118	<.2	<2	<2	111	1.08	.133	15	103	1.72	172	.23	<3	1.31	.10	.79	3	96
196083	3	956	<3	59	<.3	44	15	407	4.39	<2	<5	<2	5	178	<.2	<2	<2	111	1.21	.141	16	107	1.67	158	.22	<3	1.19	.11	.75	<2	130
196084	18	1602	73	116	1.1	37	14	356	4.52	70	<5	<2	5	2156	.9	18	2	102	1.27	.137	14	95	1.51	269	.20	<3	.97	.07	.66	3	85
196085	10	2371	7	53	.5	42	15	353	5.17	<2	<5	<2	4	330	<.2	<2	2	102	1.62	.112	17	78	1.62	189	.20	<3	1.13	.06	.74	2	121
196086	5	1882	5	59	.6	40	15	320	4.40	<2	<5	<2	5	2380	<.2	<2	3	97	.97	.136	15	90	1.41	190	.23	<3	.99	.09	.77	3	79
196087	3	2343	<3	53	.4	41	15	361	3.81	<2	<5	<2	4	345	<.2	<2	<2	94	1.14	.122	17	81	1.42	421	.21	<3	1.06	.08	.73	2	92
196088	3	2416	5	57	.5	45	18	700	5.21	18	<5	<2	5	140	<.2	<2	<2	80	1.47	.145	19	47	.95	118	.03	<3	.80	.02	.16	<2	127
196089	1	3156	10	51	1.1	46	18	583	5.87	322	<5	<2	4	64	.2	4	<2	83	2.68	.124	14	41	1.23	24	<.01	<3	.75	.01	.04	<2	235
196090	7	3274	7	102	1.2	35	14	618	5.03	11	<5	<2	5	163	.2	<2	<2	84	1.44	.121	14	65	1.37	467	.11	<3	1.00	.04	.56	16	456
196091	1	1462	8	117	1.4	31	14	2288	5.56	122	<5	<2	4	146	.3	37	<2	71	2.73	.109	12	62	1.58	464	.07	<3	.94	.02	.35	<2	82
196092	13	3220	5	44	1.0	33	15	216	5.54	<2	<5	<2	4	539	<.2	<2	2	83	.99	.121	13	68	1.56	546	.23	<3	1.02	.07	.79	3	270
STANDARD C3/AU-R	26	70	34	143	6.3	38	13	845	3.45	57	23	2	19	32	23.9	14	19	86	.61	.100	19	186	.67	137	.09	16	1.94	.05	.19	18	525

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P3 CORE CHIP P4 ROCK CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-105

DATE RECEIVED: MAR 10 1997 **DATE REPORT MAILED:** March 13/97 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data d FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196093	3	3283	12	61	1.1	32	14	292	6.18	<2	<5	<2	4	180	<.2	<2	<2	86	1.10	.157	15	47	1.55	195	.25	<3	1.06	.11	.89	3	312
196094	7	3261	11	60	.7	35	14	285	5.95	<2	<5	<2	4	758	<.2	<2	<2	92	1.15	.148	16	54	1.59	247	.25	<3	1.08	.13	1.00	<2	176
196095	5	2417	6	51	.5	38	14	313	4.89	<2	<5	<2	5	554	<.2	<2	4	104	1.15	.127	15	72	1.79	391	.28	<3	1.24	.09	1.01	2	213
RE 196095	5	2416	8	52	.7	38	14	329	4.90	<2	<5	<2	5	553	<.2	<2	2	106	1.17	.129	15	71	1.80	393	.29	<3	1.25	.09	.98	3	133
196096	7	2119	13	59	.7	38	14	312	5.04	<2	<5	<2	5	731	<.2	<2	2	106	1.08	.129	16	69	1.86	288	.29	<3	1.23	.11	1.21	2	134
196097	37	1605	7	66	<.3	36	13	371	4.15	<2	<5	<2	5	177	<.2	<2	<2	99	1.72	.139	19	57	1.58	210	.16	<3	.96	.07	.79	2	167
196098	88	1155	13	58	.5	34	12	376	3.76	<2	<5	<2	5	1017	<.2	<2	<2	94	1.90	.139	18	59	1.53	240	.15	<3	.98	.08	.72	2	113
196099	235	2271	9	50	<.3	33	14	309	3.95	4	<5	<2	3	177	<.2	<2	<2	94	2.15	.128	17	62	1.68	297	.14	<3	.95	.05	.69	<2	322
196100	18	1236	9	38	<.3	28	11	236	3.65	5	<5	<2	3	79	<.2	<2	<2	88	2.50	.128	15	46	1.34	163	.07	<3	.90	.06	.43	<2	68
196101	40	1529	9	42	<.3	28	10	391	4.20	36	<5	<2	3	89	.3	<2	<2	79	2.98	.120	14	38	1.42	131	.05	<3	.79	.05	.34	2	85
196102	28	907	9	44	<.3	28	9	406	4.11	18	<5	<2	3	95	<.2	<2	<2	78	2.37	.122	12	48	1.26	405	.04	<3	.68	.04	.31	<2	72
196103	19	760	6	33	<.3	35	10	264	5.01	<2	<5	<2	4	111	<.2	<2	<2	106	2.05	.136	16	65	1.68	599	.14	<3	1.26	.06	.75	3	42
196104	15	486	7	39	<.3	44	14	679	3.87	4	<5	<2	3	83	.2	<2	<2	72	2.96	.155	17	39	1.17	171	.01	<3	.95	.01	.11	<2	24
196105	76	2959	4	37	.5	38	16	624	5.52	5	<5	<2	4	95	.3	<2	<2	98	2.87	.140	18	55	1.25	75	.02	<3	1.00	.02	.16	<2	232
196106	70	2699	14	51	.9	39	16	644	5.07	50	<5	<2	5	100	.2	<2	<2	91	4.36	.137	17	60	1.63	35	<.01	<3	.72	.01	.04	<2	134
196107	10	1852	10	37	.8	36	13	560	4.11	4	<5	<2	5	80	<.2	<2	<2	75	2.22	.141	18	47	1.07	80	.03	<3	1.08	.01	.19	<2	232
196108	5	4668	5	46	1.3	36	15	620	5.12	100	<5	<2	4	103	.2	<2	<2	79	4.14	.113	14	57	1.64	49	.01	<3	.77	.01	.06	<2	218
196109	3	3324	12	38	1.3	39	17	772	5.94	224	<5	<2	5	70	.2	3	<2	77	2.63	.137	15	48	1.24	63	.01	<3	.71	.01	.09	<2	185
196110	10	4450	12	118	1.6	45	19	862	6.04	87	<5	<2	4	62	.2	3	<2	95	3.43	.111	12	55	1.43	25	<.01	<3	.73	.01	.05	<2	449
196111	11	3513	15	52	1.6	46	18	530	5.02	50	<5	<2	6	68	.3	2	3	90	3.63	.146	16	60	1.41	44	<.01	<3	.63	.01	.02	<2	230
196112	26	3066	11	49	1.0	46	18	508	5.44	57	<5	<2	5	90	.2	2	<2	97	4.55	.137	17	56	1.65	133	<.01	<3	.79	.01	.04	<2	311
196113	41	3616	6	41	1.0	31	12	383	4.66	36	<5	<2	5	75	.2	<2	<2	81	2.04	.123	14	50	1.35	222	.09	<3	.85	.03	.43	<2	356
196114	28	6186	6	47	2.4	29	13	527	5.01	38	<5	<2	5	74	.2	2	2	75	2.12	.128	14	58	1.16	109	.05	<3	.95	.02	.33	<2	441
196115	10	4782	4	66	1.7	33	14	604	4.77	326	<5	<2	4	103	.3	9	<2	70	3.83	.113	13	57	1.83	118	.08	<3	.99	.02	.40	<2	339
196116	5	3024	6	59	1.0	33	14	542	4.50	132	<5	<2	4	74	.3	4	2	83	4.24	.156	15	48	1.64	20	<.01	<3	.78	.01	.04	<2	228
196117	15	3024	7	67	1.3	31	14	574	5.27	205	<5	<2	5	96	<.2	3	<2	78	5.08	.136	15	52	1.94	46	<.01	<3	.70	.01	.04	<2	219
196118	5	3282	4	65	1.2	51	18	877	5.97	170	<5	<2	5	98	<.2	2	2	82	4.96	.189	21	51	1.98	53	.03	<3	.78	.01	.16	<2	138
196119	2	864	4	69	.3	93	20	710	4.35	14	<5	<2	7	141	<.2	2	<2	105	3.17	.213	28	104	2.31	266	.23	<3	1.30	.03	.82	<2	42
196120	3	1581	<3	72	.5	82	20	543	5.59	5	<5	<2	7	176	<.2	<2	<2	128	2.71	.221	27	145	2.74	535	.32	<3	1.49	.06	1.20	<2	56
196121	1	4032	5	58	1.9	74	34	431	5.83	12	<5	<2	6	3278	.2	<2	<2	118	2.96	.200	28	122	2.69	179	.26	<3	1.28	.05	1.10	<2	242
196122	3	2199	6	55	1.0	76	16	390	4.98	<2	<5	<2	7	1788	<.2	<2	<2	128	2.42	.217	28	148	2.43	282	.31	<3	1.45	.07	1.17	<2	98
196123	4	1076	<3	48	.4	79	17	301	4.79	<2	<5	<2	7	1903	<.2	<2	<2	129	2.68	.216	27	141	2.98	169	.46	<3	1.87	.07	1.69	<2	33
196124	4	1275	34	86	1.3	63	29	1065	5.53	164	<5	<2	7	151	.4	27	<2	95	5.42	.202	24	89	2.25	92	.05	3	.80	.02	.27	<2	41
196125	3	1093	4	55	.5	75	18	1202	5.65	5	<5	<2	6	3092	<.2	<2	<2	122	2.39	.217	26	135	2.94	471	.34	<3	1.63	.05	1.35	<2	62
196126	2	3017	<3	51	1.3	78	18	432	6.31	<2	<5	<2	7	402	<.2	<2	<2	135	1.66	.225	25	161	2.36	215	.32	<3	1.49	.08	1.22	<2	120
STANDARD C3/AU-R	26	69	32	142	6.7	37	13	868	3.41	54	20	2	18	32	24.0	14	17	84	.60	.101	20	176	.66	137	.09	17	1.92	.05	.18	19	515

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

D.D.H.
97-105

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196127	2	1776	6	34	.6	65	15	374	5.07	<2	<5	<2	7	742	<.2	<2	2	115	2.40	.207	22	134	1.96	187	.27	<3	1.12	.06	.95	<2	122
196128	<1	1123	<3	47	.3	80	17	419	5.35	<2	<5	<2	7	624	<.2	<2	<2	128	3.02	.202	25	161	2.57	135	.43	<3	1.57	.08	1.36	<2	59
196130	6	859	6	38	<.3	6	15	486	6.46	<2	<5	<2	2	79	<.2	<2	<2	25	1.17	.188	12	<1	1.19	127	.10	<3	.79	.05	.43	<2	24
196131	6	739	4	35	<.3	4	14	357	6.06	<2	<5	<2	2	82	<.2	<2	<2	19	.98	.188	12	1	1.11	198	.11	<3	.76	.07	.54	<2	18
196132	5	567	10	32	<.3	3	14	417	6.12	<2	5	<2	2	66	<.2	<2	<2	19	1.00	.193	12	<1	1.02	171	.09	<3	.59	.06	.40	<2	17
196133	8	500	7	39	<.3	3	13	736	6.39	<2	<5	<2	2	65	<.2	<2	<2	20	1.27	.204	14	<1	.99	271	.07	<3	.60	.06	.30	<2	15
196134	5	451	7	49	<.3	3	12	1086	5.52	<2	<5	<2	2	100	<.2	<2	<2	22	1.37	.235	13	25	.89	1155	.06	<3	.48	.06	.25	<2	15
196135	6	516	8	47	<.3	5	13	574	5.37	<2	<5	<2	2	70	<.2	<2	<2	19	1.38	.203	12	6	.96	54	.05	<3	.51	.06	.23	<2	14
196136	44	1181	25	93	.5	6	15	845	6.23	74	<5	<2	2	72	.6	8	4	20	2.63	.201	11	1	1.31	30	.02	<3	.52	.04	.12	<2	34
196137	15	935	23	88	.6	6	15	1152	6.81	98	<5	<2	2	103	.3	<2	<2	21	2.78	.205	13	<1	1.50	117	.04	<3	.60	.05	.21	<2	38
196138	4	2343	10	51	.5	4	15	707	6.46	3	<5	<2	2	101	<.2	<2	<2	22	1.62	.189	13	<1	1.31	157	.07	<3	.56	.07	.39	<2	93
RE 196138	4	2107	8	51	.3	4	14	664	5.91	3	<5	<2	<2	93	<.2	<2	<2	21	1.52	.180	12	<1	1.24	148	.06	<3	.53	.06	.33	<2	87
196139	5	1407	5	53	<.3	3	17	658	6.55	2	<5	<2	2	87	<.2	<2	<2	21	1.18	.206	12	5	1.24	290	.10	<3	.71	.06	.50	<2	65
196140	11	1120	6	43	<.3	3	14	675	5.63	<2	<5	<2	2	77	<.2	<2	<2	21	1.09	.205	13	7	1.08	430	.08	<3	.64	.07	.41	<2	34
196141	19	683	5	45	<.3	15	13	662	4.57	3	<5	<2	3	84	<.2	<2	<2	48	1.28	.165	13	35	1.16	508	.11	<3	.76	.05	.47	2	34
196142	17	1117	7	51	<.3	8	15	689	5.35	<2	<5	<2	3	99	<.2	<2	<2	31	1.37	.187	13	12	1.14	280	.07	<3	.57	.05	.33	<2	41
196143	4	1500	8	43	<.3	3	16	608	5.74	2	5	<2	3	71	<.2	<2	<2	20	1.06	.195	13	7	1.07	288	.08	<3	.57	.06	.37	<2	49
196144	18	1421	5	50	<.3	10	17	782	6.17	<2	<5	<2	3	196	<.2	<2	3	26	1.41	.187	13	30	1.08	429	.07	<3	.53	.07	.35	<2	63
196145	8	809	5	47	<.3	5	13	694	5.81	<2	5	<2	3	73	<.2	<2	<2	21	1.17	.222	15	17	1.04	776	.08	<3	.54	.07	.38	<2	33
196146	4	1724	51	123	.4	7	16	1876	6.16	48	<5	<2	3	54	.2	4	3	29	1.84	.199	13	5	1.19	82	.05	<3	.68	.04	.27	<2	78
196147	46	3056	46	128	.6	5	16	1983	6.83	97	<5	<2	2	68	.5	5	<2	21	3.20	.177	14	<1	1.52	27	.01	<3	.65	.02	.10	<2	75
196148	8	1760	5	54	<.3	3	14	943	5.49	2	<5	<2	2	68	<.2	<2	<2	17	1.18	.213	16	12	.87	578	.05	<3	.41	.07	.25	<2	47
196149	4	848	9	47	<.3	3	14	830	6.60	<2	<5	<2	2	51	<.2	<2	<2	20	1.15	.204	16	<1	.97	137	.06	<3	.49	.06	.26	<2	24
STANDARD C3/AU-R	25	67	40	141	5.9	36	13	840	3.31	56	19	2	18	31	23.9	15	16	82	.60	.098	18	173	.65	138	.08	15	1.87	.05	.19	19	502

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-106

Data / FA

Hole No. 97-106
Page 1 of 22

AC#'s: 97-1056
97-1178

Location 10035W, 10032S	BOOKER GOLD EXPLORATIONS LTD.		Hole No: 97-106
Azimuth: 300°	Dips · collar −75° °	Contractor: J.T.T.	Property: Hearne Hill
Elevation:	- m °	Logged by: B.G.	Claim No. Hearne 1
Length: 369.1 m (1211')	- 369.1 m (have not received acid test) °	Date: March 3/97	Section No.
Core size: NQ	- m °		Started: Feb. 28/97
Purpose: Intersect the connection of Blonder Chapman zone (>1000')			Completed: March 5/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	9.4	Casing (no core)													
9.4	46.4	Andesitic Hornfels / Rhyodacite - mostly light grey but bleached white over small secn's - fg. aphanitic throughout - bleached areas are rhyodacite + alt'd and hornfels. - upper 2m is bleached + broken w abund. Fe Ox staining - hard (H=4-5) + competent in unaltered areas, soft (H=1-2) in bleached (alt'd) areas. - abundant fracts vary spaced; @ 40°-55° in competent rk + 60°-85° in alt'd areas. Py occurs on many fract. surfaces or enclosed masses.	9.4	46.4	- bleached areas seric. - stckwk throughout w/ abundant hem., carb., Qtz, Py ± Cp vinlets - advanced stckwk to weak brecc in alt'd areas. - sul's occurs as disem. to massive veinlets on fracts, in stckwk vinlets + minor open space filling - 2-3% Py, <0.5% Cp. 30.0 - 40.5 m Phyllic alt'd. and hornfels - bleached white, advanced stckwk to weak brecc gone, abund. hem (mag.) vinlets w/ & without sul's.	<1-4	var.	hem(mag) - carb./ Qtz - Py ± Cp.	196130	11.3	14.3	859	24	<.3	6
									131	14.3	17.3	739	18	<.3	6
									132	17.3	20.4	567	17	<.3	5
									133	20.4	23.5	500	15	<.3	8
									134	23.5	26.5	451	15	<.3	5
									135	26.5	29.6	516	14	<.3	6
									136	29.6	32.6	1181	34	.5	44
						<1-4	var.	hem - Qtz - carb - Py ± Cp.							

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(9.4 - 46.4m cont.)		at	37.4 m										
					- fault / Drill rubble?				196137	32.6	35.7	935	38	.6	15
					- 40cm long coarse endmill										
					(1cm - 5cm fragments) rubble										
				at	37.8m										
					- 10cm long section w				138	35.7	38.7	2343	93	.5	4
					Cp > Py as irregular blebs				139	38.7	41.7	1407	65	<.3	5
					cementing fract in advanced				140	41.7	44.8	1120	34	<.3	11
					stockwk zone.										
46.4	48.8	Biotite Feldspar Porphyry	46.4	48.8	weak argillic				141	44.8	47.8	683	34	<.3	19
		- U.C. sharp + regular			Plag. → chl. / pid. + clay /										
		@ 35°-40° to C.A.			sericite										
		- BFP is light grey w minor			biot alt'd to tan brown										
		<30cm bleached zone @ 48.0m			- minor hematite in groundmass										
		- m.g to c.g. crowded plag.			- sul's minor										
		laths (alt'd) w abundant			- Py > Cp as 1-2mm irregular										
		f.g. to m.g. fresh + alt'd			disseminations										
		biot			> 0.5% Py, >> 0.5% Cp										
		- hard (H=4) + competent			- veinlets uncommon										
		w bleached zone being		at	48.0m				142	47.8	50.9	1117	41	<.3	17
		soft (H=2) + brittle / friable			25-30cm Advanced Argillic										
		- 2-5cm angular andesite			zone, bleached white										
		xenoliths scattered throughout			Plag. + groundmass alt'd										
		L.C. sharp + regular @ 20°			to sericite + chl.										
		to C.A.			- stockwked w speckled hem.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
48.8	92.0	Andesitic Hornfels/Rhyodacite	48.8	92.0	-abundant stockwk veinlets	<1-3	var	hem(mag)-carb							
		-light grey to bleached white			of hem(mag), Py + carb.			-Qtz-Py-Cp	196143	50.9	53.9	1500	49	<.3	4
		- where it is bleached			-Sul's occur in stockwk				144	53.9	57.0	1421	63	<.3	19
		+ hard (H=4-5) it is			veinlets + patchy dissemin.				145	57.0	60.0	809	33	<.3	8
		rhyodacite			throughout										
		- where bleached + soft			Py > Cp										
		it is alt'd.			~1-2% Py, 0.5-1% Cp										
		-unaltered areas are hard			~0.2-0.3% Cu.										
		(H=4-5), competent + siliceous													
		-few fracts., usually >0.4m													
		apart @ 45°-60° - fract.	61.7	65.7	Phyllic				146	60.0	63.1	1724	78	.4	4
		are sharp + clean w			-bleached white + soft				147	63.1	66.1	3056	75	.6	46
		chl + carb. cement +			(H=1-2)										
		patchy blebs + masses of			-some, 10cm long competent										
		Py ± Cp.			seems over last 1 m.										
		-abundant stockwk veinlets			where it grades back to										
		in web-like array			unaltered andesitic hornfels.										
		throughout.			-Sul's (Py mostly) occur										
		-magnetic			as fine dissem. + filling										
					vugs.										
					-vugs < 1% of core.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(48.8 - 92.0 m cont.)													
					66.1 m — 102.7 m				196148	66.1	69.2	1760	47	<.3	8
					- sul's increasing				149	69.2	72.2	848	24	<.3	4
					- relative increase in Cp				150	72.2	75.3	6004	360	.6	91
					w.r.t. Py. in stkwk				151	75.3	78.3	2207	128	.3	12
					veinlets				152	78.3	81.4	1591	48	.3	8
				at	81.9 m				153	81.4	84.4	1718	72	<.3	14
					- high sulphide seen	1-2	15-45°	Py - carb - Cp ± hem (mag)							
					80cm long.										
					- large stockwork veinlets										
					ū Py >> Cp										
		-			~ 5% Py, ~ 0.5% Cp										
		84.5 - 85.2 m													
		- Biotite Feldspar Porphyry													
		- occurs as two 20 - 40cm													
		seens separated by													
		a 10-15cm seen of and.													
		hornfels but ū the BFP													
		seens having distinct													
		upper + lower contacts													
		- appears to be part of													
		a larger irregular contact.													
		- BFP appears fresh ū abundant													
		f.g. biot + <1% f.g. hblnd needles.													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(48.9 - 92.0m cont.)													
		84.5 - 85.2m cont.			84.5 - 84.9 m				196154	84.4	87.3	1113	66	<.3	3
		- U.C. @ 84.5m is sharp + regular @ 32° to C.A.			- two thin stockwked Cp veinlets cut the contact + occur both in and. hornfels + BFP. - these also cut a 3mm Qtz - Cp veinlet that occurs in and. hnfls + dead ends @ the contact	<1	40°+50°	Cp - Py - Qtz	155	87.3	90.5	1524	91	<.3	5
		To a thin 5mm chill zone where F.g. + C.g. plag. laths are aligned parallel to the contact							156	90.5	93.6	2833	116	.4	23
		- L.C. to above @ 84.9m @ 25° to C.A. - sharp + regular w Cp flecks along it - has some chill zone + alignment of plag.													
		- U.C. @ 85.0 m, sharp + regular @ 30° to C.A. + lge and. hnfls xenolith 1cm into BFP from contact			85.0 - 85.2 m - Cp flecks + dissem. occur along the contacts + stockwked veinlets cut both contacts, more @ L.C.	<1	15°-30°	Cp - Py - Qtz							
		- L.C. @ 85.2m, sharp + regular @ 20° to C.A. - both show alignment of plag. laths as above													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
92.0	137.5	Biotite Feldspar Porphyry (variably altered)	92.0	137.5	Propylytic to Potassic										
		- light greenish gray to bleached white			- biot. abundant except in Phyllic zones.										
		- groundmass supported but commonly crowded.			- sul's occur in fine stringers, stockwk veinlets, fracts. + occasional vug.										
		- f.g. to m.g. alt'd plag. laths w abundant f.g. fresh to alt'd biot.			Py > Cp ~2-3% Py, 0.5-1.0% Cp ~ 0.3-0.4% Cu.										
		- minor f.g. hornblende (<1%)													
		- abundant fracts. throughout													
		- competent + hard (H=4-5) to soft (H=1) + friable													
		- U.C., sharp + irregular @ 80-90° to C.A.													
		92.0 - 97.4 m	92.0	97.4	Propylytic				196157	93.6	96.6	318	44	<.3	2
		- light grunish grey, groundmass supported, semi-crowded			- plag. → epid (chl.) + carb. (cal. / dol.)										
		- groundmass contains f.g. biot. + chem. (mag.) ± hbld			- abundant f.g. sub-euhedral biot										
		- nonmagnetic			- euhedral, tabular hbld alt'd to dull black - earthy brown when scratched										
		- fracts. ≥ 0.5 m apart @ 40°-50° to C.A.			- sul's occur in hairline stockwk veins	<1-1	var.	Qtz - Cp - Py							
		- chl. / epid coated w discem. sul's.			Cp > Py										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(92.0 – 137.5m cont.)													
		97.4 – 99.1m			97.4 – 99.1m				196158	96.6	99.7	1171	42	.3	4
		Andesitic Hornfels			- abundant stockwk veinlets	1-4	var.	Qtz-carb-Py							
		light grey, hard x siliceous			ū Py > Cp			-Cp ± hem(mag)							
		- few fract. @ 70° to C.A.			- seis in fine stringers	<1	var.	-hem(mag)-							
		U.C. ū BFP, sharp but			+ stockwk Cp > Py			Cp-Py							
		irregular @ 20° to C.A.													
		L.C. ū BFP sharp + irregular													
		@ 20° to C.A.													
		99.1 – 99.6 m			99.1 – 99.6m										
		Biotite Feldspar Porphyry			minor stockwk veinlets	<1-3	var.	Qtz-carb-Cp							
		- light grey groundmass			ū Cp > Py			-Py ± hem(mag)							
		supported, semi-crowded													
		m.g. plag													
		- abundant f.g. to m.g.													
		subhedral biot (~5%)													
		- few fracts. > 0.5 m													
		apart @ 60° - 70° to C.A.													
		lined ū carb., Cp + Py													
		L.C. sharp + irregular @													
		30° - 45° to C.A.													
	at	99.6 m													
		25 cm long secn of and.													
		hornfels - same as above													

andesitic hornfels
L.C. sharp + irregular @ 20° to C.A.

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(92.0 - 137.5m cont.)													
									196159	99.7	102.7	1478	85	<.3	3
		99.9 - 100.9 m													
		Biotite Feldspar													
		Porphyry (Altered)													
		- same as BFP directly above													
		but w 1.5cm - 5cm													
		and. hornfels xenoliths													
		in places throughout													
		L.C. sharp + irregular @													
		30°-40° to C.A.													
		100.9 - 102.7 m													
		Andesitic Hornfels													
		- same as above andesitic													
		hornfels but is slightly													
		more stringers of horn(mag)													
		- magnetic													
		L.C. sharp + irregular @													
		15°-20° to C.A. - marked													
		by a 1-10 mm calcite/Py													
		vein @ 20° to C.A.													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(92.0 - 137.5 m cont.)													
		102.7 - 108.5 m	102.7	108.5	Propylytic				196160	102.7	104.0	550	53	<.3	3
		- light greenish grey, crowded hint groundmass supported.			plag. → epid./chl. + carb - biot → dull black color, light brown when scratched										
		- f.g. to m.g. alt'd plag. laths			sul's in minor stockwk veinlets	1-4	var.	Carb. - Qtz - Py - Cp ± hem (mag)							
		- abundant m.g. biot (2-5%)			Py > Cp										
		- minor hbld (<1%)													
		- few fracts. > 0.5 m apart @ 60° to 70° to C.A., lined w/ carb., chl.; Py + Cp.		at	104.3 m										
					Large, continuous veinlet w/ 1mm selvage of Py + Cp	3-5	13°	Carb - Py - Cp	161	104.0	108.8	985	47	.7	4
		108.5 - 118.9 m	108.5	118.9	Intermediate to Advanced Argillic				162	108.8	111.9	1036	75	1.1	3
		- very light grey to brown groundmass supported w/ white f.g. to m.g., semi-crowded alt'd plag. laths + minor alt'd biot. + biot. boxworks							163	111.9	114.9	2320	50	.4	4
									164	114.9	118.0	1103	35	<.3	6
		- soft (H=2-3) + friable to competent			plag. → sericite + minor chl./epid.										
		- abundant fracts. @ 5°-65° to C.A., some lined w/ minor chl. + occasionally w/ Py + Cp.			biot. → dull black/brown color + often destroyed leaving square to elliptical boxwork.										
					- minor sul's; occur in occasional stockwk veinlets	<1-1	var.	Qtz - Py - Cp.							
					Py > Cp										

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Section from m	Section to m	ROCK DESCRIPTION (92.0 - 137.5m cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		118.9 - 122.2 m	118.9	122.2	weak Propylytic										
		Dk blue grey, groundmass			plag. mostly fresh over				196165	118.0	121.0	847	44	<.3	3
		supported w/ m.g. to c.g.			first 1.5m then alt'd to				166	121.0	124.0	363	12	<.3	3
		plag. phenos. - abundant			clay, carb. + chl./epid.										
		f.g. to m.g. fresh +			- biot. alt'd to chl.										
		alt'd biot. - siliceous			- minor stockwk veinlets	<1-1	15°-50°	Carb - Qtz -							
		hard (H=4-5) + competent			w/ little or no sul's.			± Py ± Cp.							
		w/ few fracts., >0.5m													
		apart @ 50°-60° to C.A.													
		line w/ chl. + minor Py/Cp.													
		122.2 - 133.2 m	122.2	133.2	Phyllic				167	124.0	127.1	592	32	<.3	2
		Bleached white; relict			Plag. → sericite										
		BFP-textures preserved,			- groundmass biot. alt'd										
		soft (H=0-2) + competent			to tan brown color,										
		to friable			sul's occur as open space										
		- abundant fractures, <0.4m			filling along fracts.										
		apart @ 15°-50° to C.A.			+ in minor stockwks	<1-1	15°-60°	Carb. - Qtz - Py							
		lined w/ clay + calcite						± Cp.							
		- biot. phenos. absent leaving													
		fine square to oval													
		boxwork.													
		- groundmass biot alt'd													
		- in lower section core													
		turns vuggy along													
		fractures.													

Section from m	Section to m	ROCK DESCRIPTION (92.0 - 137.5m cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		122.2 - 133.2 m cont.		at	127.2 m										
					10 cm long vuggy fract. lined w anhedral to	2-5	10°-15°	Cak. - Py	196168	127.1	130.7	752	22	.8	4
					subhedral Py xtals <1-2mm				169	130.7	133.2	589	52	<.3	3
				at	129.2 m										
					30 cm long vuggy weak bxxx. zone w	3-30	var.	Carb. - Qtz - Py							
					3-30 mm wide highly irreg. fract. filled w subhedral Py xtals <1-6 mm										
		133.2 - 137.2 m:	133.2	137.2	Weak Propylitic				170	133.2	136.2	577	43	<.3	2
		Dk blue grey, groundmass supported w m.g. to c.g.			plag. mostly fresh but over last 0.5m plag all'd to chl./epid. + clay				171	136.2	139.2	2037	99	<.3	6
		alt'd + fresh plag. laths abundant f.g. to m.g.			groundmass last all'd to tan brown										
		fresh (black) + all'd biot.			minor sul's										
		siliceous, hard (H=4-5) +			Py > Cp in hairline stockwks	<1-1	var.	carb - chl -							
		competent w few fracts.,			+ fract. coatings			Py - Cp							
		>0.5m apart @ 45°-50°			<0.5% Py, << 0.5% Cp.										
		to C.A. lined w chl., cont.													
		+ minor sul's.													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
137.5	158.1	Andestic Hornfels	137.5	158.1	Potassic (phyllic)	1-2	various	carb+py+cp							
		-f.g. aphanitic			-strong biot (hoid)			+mag(hem)	196172	139.2	142.3	2209	76	.3	4
		-short secns of bleached			-w minor k-spar				173	142.3	145.2	2027	175	.5	4
		rhyodacite			-seric abundant in				174	145.2	148.4	1852	48	<.3	2
		-magnetic (abundant mag			rhyodacite (phyllic) secns				175	148.4	151.5	2356	71	.3	2
		-fractures very abundant			and along veinlets				176	151.5	154.5	1921	73	<.3	4
		in many areas (faults)			-abundant su				177	154.5	157.6	2756	83	<.3	5
		-carb sulf coatings			-py=cp=<1%				178	157.6	160.2	847	29	<.3	3
		along fracture sfcs.			-py in veinlets mainly										
		-moderate stckwk			w cp as irregular										
		to pervasive & numerous			blebs										
		interlocking veinlets			-abundant mag (hem)										
		-rubbly + soft in places			-for last 30cm of										
		-v alt'd & more soft			unit bleached white										
		-hardness = 6			rhyodacite.										
									179	160.2	163.3	487	41	<.3	2
158.1	186.1	BFP	158.1	162.0	Int. Argillic										
		-several phases +			-biot present as knots	1		carb+py							
		alt'ns of rock			up 3 mm dia. few										
		-med. g. to crse			fractures, but abundant										
		-many secns fractured			rubbly soft alt'd green										
		and rubbly.			(epid-seric) w py.										
		-+biot			-py in veinlets <1%										
		-grey to bleached.			as thin coatings										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		158.1 - 162.0 m.													
		fractures parallel to C.A.													
		@ 159.6 m slickensides parallel to C.A., chl on fractures													
		162.0 - 178.3 m	162.0	178.3	Advanced Argillic	1-2	30-45°	ca. 6 (qtz) py	196180	163.3	166.3	750	23	.7	3
		more consolidated, e.g. fspars very bleached.			mainly ser, minor epid, carb abundant			=rock flour	181	166.3	169.7	373	21	<.3	2
		-no biot, more veinlets			-sus py >> cp			=cp	182	169.7	172.8	1148	42	.3	12
		-carb. more abundant			-py in veinlets as thin veneers.			near end of	183	172.8	175.9	1424	52	.9	4
		= well defined fsper phenocrysts at 163.3m			-pockets of qtz where veinlets intersect. 1cm x 5cm big.			unit veining +frac 45° to C.A. very distinct	184	175.9	178.9	607	17	<.3	4
		-rock flour in veinlets where intersected.			-no mag. (hem)										
		-fractures 0° to C.A.													
		-where rock flour weak brxx. @ 163.3m													
		w abund py													
		168.0 - 171.2 m v soft, hardness = 1 mush													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		178.3 - 186.1 m	178.3	186.1	Intermediate Argillic	1-3	10-30°	carb-qtz+cp	196185	178.9	181.9	690	24	<.3	3
		darker less alt'd BFP			abundant biot.			±py.	186	181.9	185.0	760	37	<.3	3
		fractures concentrated			cp in few veinlets				187	185.0	188.1	2843	96	.5	2
		around 180.0 - 181.9 m.			<1.0% w distinctive										
		-fractures 10 - 30 cm			green mineral (rock										
		apart @ 30° to C.A.			forest green).										
		-lower contact is open													
		and vuggy cemented													
		by carb.													
									188	188.1	190.2	2853	107	.3	2
186.1	194.3	Andesitic Hornfels	186.1	194.3	Potassic				189	190.2	192.0	2825	100	.7	3
		-hy. siliceous, hardness			-abundant biot. w	1-4	0-10		190	192.0	194.7	1939	60	.4	2
		S=6.			mag (hem) - py + cp		+ smaller angles v.f. veinlets								
		-fractures abundant			= py = cp, cp as										
		throughout w mineralization			irreg. blebs <0.5 cm										
		probably a fault.			n.a. surrounded by										
		-some areas have a			irreg. grains of py.										
		more bleached area w													
		w relict BFP texture													
		e.g.													
		fractures <15 cm apart,													
		-rubble													
		-advanced stockwk.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
194.3	200.2	BFP soft fractures 20-30° to C.A. - fairly competent w/ sec'ns of mush. - veinlets absent	194.3		Int. / Advanced Argillic - seric-epid.				196191	194.7	197.8	575	22	<.3	2
									192	197.8	200.8	2539	98	1.7	2
200.2	202.8	Andesitic Hornfels Stkwk - bleached, f.g. siliceous where darker - mag. interlocking numerous small veinlets.	200.2	202.8	Potassic / Phyllic - seric, biot - mag (hem) in blebs in veinlets py present in veinlets	1-3		carb-mag(hem) ±py.	193	200.8	204.5	1934	81	.3	3
202.8	211.2	BFP - several diff. phases slickensides present w/ talcy feel 20° to C.A. - dark to bleached - some sec'ns 30cm of mush in core. - few veinlets.	202.8	211.2	Advanced Argillic / Phyllic - strong Seric of fspars.				194	204.5	207.5	427	18	<.3	4
									195	207.5	210.6	418	8.	<.3	4
									196	210.6	213.6	2745	95.	.4	3
211.2	217.5	Andesitic Hornfels. Stkwk. dark f.g. siliceous - abundant veinlets - Fractures few >0.5m apart 40° to C.A.	211.2	217.5	Potassic / Phyllic - mag. (hem) in veinlets - py ≤ 1%, minor cp in larger veinlets - seric + biot (2ndary)	1-5	colour	carb-mag(hem) ±py ±cp.	197	213.6	216.7	2945	89	.3	3
									198	216.7	219.7	1271	52	<.3	1

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
217.5	232.9	HBFP	217.5	231.5	Potassic / Int. Argillic	1-5	0-10°	carb-py-mag ± cp	196199	219.7	222.8	1220	48	<.3	3
		v. dark, m.g.			-biot. abundant				200	222.8	225.8	1694	312	.3	2
		-mafic content (dark)			-seric rapid				201	225.8	228.9	1133	53	<.3	3
		-mag f.g., no hem			-py 1-1.5% ± minor amounts of Cp in veinlets.				202	228.9	231.9	791	52	.5	6
		-abundant fractures.													
		224.1-227.9m			-f.g. mag throughout										
		fracture more abundant ± veinlets, fracs. 45° to C.A.													
			231.5	232.9	bleached, Advanced Argillic, no biot	1-2	varies	carb-hem/mag, ±py	203	231.9	236.8	3732	110	1.2	3
		231.5-232.9m			Strong sericitization										
		softer ~4 hardness													
		-bleached, no biot													
		weak stckwk.													
232.9	263.9	Rhyodacite/Andesitic Hornfels	232.9	263.9	Phyllic / weak potassic in areas	1-2	varies	carb-talc?	204	236.8	239.8	5268	241	1.0	11
		stckwk.			- Strong Seric (white)			py-	205	239.8	242.9	9177	369	1.5	6
		-bleached, soft, f.g.			-few sd's, mainly as py.			-veinlets mainly parallel to C.A.	206	242.9	245.9	4283	316	1.1	2
		stckwk			-abundant f.g. hem in veinlet				207	245.9	249.0	3045	143	.5	3
		-abundant thin veinlets			-carb cement mainly white calcite.										
		-darker areas Andesitic Hornfels			-Cp found in darker potassic areas.										
		-slickensides present 20-30° to C.A., fractures													
		-not mag, few small vugs (weakbrec)													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		cont'd			darker areas contain										
		-sec'ns of weak BFP			mag.										
		relict texture													
		-Some sec'ns mush/wal													
		altered -													
									196208	249.0	252.0	2274	90	1.0	36
		251.5-252.0m							209	252.0	255.1	5956	245	.8	201
		mush wet alt'd relict													
		BFP.													
		257.2-262.1m	2594	2604	weak potassic alt'n w				210	255.1	258.1	2945	107	.6	4
		v. soft (hardness <1)			mag, trace Cp.				211	258.1	261.2	2547	120	.3	3
		mush, wet relict BFP													
		w short secns of													
		andesitic Hornfels.	2622	2639	weak potassic more competent				212	261.2	264.2	3093	112	1.0	5
					rhyodacite.										
					-weakly magnetic										
2639	2759	BFP w weak potassic	2639	2759	Potassic/Advanced Int.	1-5	45°	qtz-carb±py	213	264.2	267.3	2061	83	.4	22
		Alt'n w small secns of			Argillic				214	267.3	270.3	2349	122	.3	12
		rhyodacite/andesitic bxds			-steric-opid-bint				215	270.3	273.4	1286	52	<.3	47
		-v. soft mush in areas.							216	273.4	276.4	1951	67	.3	30
		-m.g. fairly dark													
		-few veinlets													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
275.9	321.4	Andesitic Hornfels/Rhyodacite	275.9	356.2	Potassic/Phyllic	1-3	various	carb (qtz) - cp	196217	276.4	279.5	4305	355	.8	362
		∃ secins of relict BFP			- biot in dark areas w				218	279.5	282.5	4575	220	.8	4
		forming a stockwork			hrig (hem) - py ± cp.				219	282.5	285.6	1922	94	.4	30
		- v. f.g. to c.g. BFP			and 2ndary Ksp.				220	285.6	288.6	2817	192	.6	11
		sec'n			- bleached phyllic areas				221	288.6	291.6	2410	182	.7	6
		∃ u/s increase in			less Cp				222	291.6	294.7	1504	88	.6	3
		andesitic Hornfels.			- Cp as veneers on				223	294.7	297.7	2784	122	.7	3
		- vel'lets abundants.			vel'lets + f.g. diss.				224	297.7	300.2	3065	133	.8	4
		- fractures > 0.5 m apart			- decrease in Cp ∃ depth				225	300.2	303.2	3440	225	.9	31
		30° to 45°			of hole.				226	303.2	306.5	5283	262	1.7	3
					- chl or talcy material on				227	306.5	309.3	4361	215	1.8	9
					fractures.				228	309.3	313.0	3056	188	1.2	9
		276.2 - 277.6 m			276.2 - 277.6 m				229	313.0	316.0	4086	132	1.4	18
		- Weak breccia in Grad. Hornfels/			Cp > Py as thin lenses										
		Rhyodacite			+ blebs filling open										
		- intensely fractured ∃ cont.,			spaces ∃ Qtz, calcite +										
		Qtz + s/s as cement.			± chl.										
		314.8 - 320.9 m			314.8 - 320.9 m				230	316.0	319.1	5054	156	1.0	21
		Bleached and Hornfels/			s/s occur as irregular				231	319.1	322.1	4297	118	.9	118
		Rhyodacite weak to good			lenses + blebs ∃ cont.										
		breccia			+ Qtz cementing clasts										
		- two secins of good breccia			+ as linings of subhedral										
		20 cm long, cemented by			xtals in large open spaces										
		cont., Qtz + s/s ∃ abundant			Py > Cp										
		hem. (mag.) vel'lets													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(275.9 - 321.4 m cont.)													
		314.8 - 321.4 m cont.													
		- good breccia has large open spaces filled w/ sul's + carbonate (sparry in places)													
		- weak breccia zones are strongly fractured but w/ less open spaces, cemented w/ carb., Qtz, hem (mag) + sul's			- relative increase in Cp w.r.t. Py in weak breccia zones but Py > Cp - sul's occur in discontinuous blebs + lenses w/ carb, Qtz + hem (mag) in stockwork veinlets + filling open spaces										
		- Moly occurs as veins + fractures in carb + where Cp is abundant.													
				at	320.9m										
					30cm long section of weak breccia w/ abundant sul's in thick stockwork veinlets many w/ fine stringers of Moly. Py ≥ Cp w/ Cp as thick 2-4 mm irregular veinlets + lge blebs. Moly strongly associated w/ high Cp areas.	1-4	var.	Qtz, carb, Py-Cp - Moly.							

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
321.4	369.1	Biotite Feldspar Porphyry (variably altered)	356.2	369.1	Int. Argillic / Adv. Argillic / Potassic.				196232	322.1	325.2	2835	209	.7	11
									233	325.2	328.2	4010	145	1.1	28
		U.C. is gradational through weak breccia of BFP + and. hornfels / rhyodacite for 1.5 m.			-sil's in veinlets, fine disseam. on fracts, + some open space filling Py > Cp										
		-BFP is dk grey to brownish white w/ alt'd e.g. to mg plag. laths, groundmass supported			- bleached zones have abundant veinlets, more Cp.										
		- biot. in groundmass is alt'd while Potassic zones show secondary biot			- Int. Argillic areas are light green, epid - clay - chl, show relict BFP texture, soft (H=1), minor veinlets + sil's.										
		- fracts are moderate in soft, phyllic zones, <0.4m apart. @ 50°-75° to C.A.			- Advanced Argillic areas are minor. - greenish brown sericite - epid., mushy (H=0)										
					- Potassic zones are most abundant, darker w/ abund. m.g. biot., mag (hem) + secondary K-spar, less veinlets + more disseam. Cp										
	at	328.2 m		at	328.2 m				234	328.2	331.3	2565	65	.7	119
		- 10cm vug rich in sil's in a 0.8m secin of and. hornfels / rhyodacite			10 cm long open cavity w/ 2-4mm bands of Cp filling open spaces, Moly as 1 mm grainy steel grey, platy stals in platy calcite spars., Py minor				235	331.3	334.4	1156	40	<.3	90
									236	334.4	337.4	4627	97	.8	296
									237	337.4	340.5	2947	96	.6	157

Section from m	Section to m	ROCK DESCRIPTION (321.4 - 369.1 m cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		347.3 - 351.8m			347.3 - 351.8 m			
		Fault			Potassic			
		- v.f.g. andesitic dyke 1-2			Mag. (hem) - Cp ± Py + f.g.			
		fractured into 1-2 cm			b.o.d.			
		discs to irregularly fractured			- Sul's. especially Cp occur			
		core pieces 10 cm - 30 cm			as fine discs + on fract.			
		in minor gravelly rubble			surfaces + as irregular blebs			
		in middle of sec'n.			(minor) in others			
		- all fractures are C to steep						
		angled (75°-85°) to C.A.			356.2 - 364.4 m			
		- magnetic			Intermed. / advanced Argillic			
		- some discs show crosscut			plag. + groundmass alt'd			
		thick carb. / Atz veins			to clay - sericite + chl / epid			
		- (appear mineralized).			- groundmass brict. alt'd			
					to soft, tan brown material			
					while areas contain abundant			
					fresh (black) m.g. brict.			
					(secondary?)			
					- overall, the core is soft,			
					friable + mushy.			
	d	357.8 m		d	357.8 m			
		40 cm long good breccia			Sul's occur as open space			
		zone w angular clasts of			filling and cementing clasts			
		BFP + andesitic hornfels,			Py > Cp			
		carbonate cemented + very						

vuggy, open space ~ 25-40% of core.

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
196238	340.5	343.5	1408	31	<.3	49
239	343.5	349.6	5234	261	.9	12
240	349.6	352.7	3945	186	.7	11
241	352.7	355.7	1268	65	.3	38
242	355.7	358.7	1561	61	1.0	130.

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Mincrals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
	at	360.6 m		at	360.6 m				196243	358.7	361.8	1875	80	1.2	57
		-advanced stockwork zone			large carb., Qtz. veinlets	2-4	25°	Carb. - Qtz -							
		w large carb., Qtz veinlets			contain abundant Cp + Py			Py/Cp							
		offset by barren grey			lenses + blebs while										
		Qtz veins making zig zag			hairline Qtz veinlets are	<1-1	0-45°	Qtz ± carb.							
		pattern			barren										
		-zone is 20cm long			-hairline Qtz veinlets offset										
					larger veinlets by 1-6mm										
			364.4	369.1	Potassic				244	361.8	364.8	1314	83	<.3	14
					dk grey w abundant				245	364.8	367.9	698	34	<.3	11
					f.g. fresh biot phenocrysts										
					groundmass biot is alt'd										
		-			to brownish color + very f.g.										
					plag. alt'd to sericite										
					-abundant secondary f.g.										
					to m.g. kspar.										
					-few veinlets + minor										
					sulfides throughout										
				at	364.4 m										
					10cm friable / mush zone										
					denoting change in alteration										
				at	368.5 m				246	367.9	369.1	788	44	<.3	7
					25cm mush zone w plag.										
					alt'd to sericite / clay ± epidote										
at	369.1	B.O.H.													

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196127	2	1776	6	34	.6	65	15	374	5.07	<2	<5	<2	7	742	<.2	<2	2	115	2.40	.207	22	134	1.96	187	.27	<3	1.12	.06	.95	<2	122
196128	<1	1123	<3	47	.3	80	17	419	5.35	<2	<5	<2	7	624	<.2	<2	<2	128	3.02	.202	25	161	2.57	135	.43	<3	1.57	.08	1.36	<2	59
196130	6	859	6	38	<.3	6	15	486	6.46	<2	<5	<2	2	79	<.2	<2	<2	25	1.17	.188	12	<1	1.19	127	.10	<3	.79	.05	.43	<2	24
196131	6	739	4	35	<.3	4	14	357	6.06	<2	<5	<2	2	82	<.2	<2	<2	19	.98	.188	12	1	1.11	198	.11	<3	.76	.07	.54	<2	18
196132	5	567	10	32	<.3	3	14	417	6.12	<2	5	<2	2	66	<.2	<2	<2	19	1.00	.193	12	<1	1.02	171	.09	<3	.59	.06	.40	<2	17
196133	8	500	7	39	<.3	3	13	736	6.39	<2	<5	<2	2	65	<.2	<2	<2	20	1.27	.204	14	<1	.99	271	.07	<3	.60	.06	.30	<2	15
196134	5	451	7	49	<.3	3	12	1086	5.52	<2	<5	<2	2	100	<.2	<2	<2	22	1.37	.235	13	25	.89	1155	.06	<3	.48	.06	.25	<2	15
196135	6	516	8	47	<.3	5	13	574	5.37	<2	<5	<2	2	70	<.2	<2	<2	19	1.38	.203	12	6	.96	54	.05	<3	.51	.06	.23	<2	14
196136	44	1181	25	93	.5	6	15	845	6.23	74	<5	<2	2	72	.6	8	4	20	2.63	.201	11	1	1.31	30	.02	<3	.52	.04	.12	<2	34
196137	15	935	23	88	.6	6	15	1152	6.81	98	<5	<2	2	103	.3	<2	<2	21	2.78	.205	13	<1	1.50	117	.04	<3	.60	.05	.21	<2	38
196138	4	2343	10	51	.5	4	15	707	6.46	3	<5	<2	2	101	<.2	<2	<2	22	1.62	.189	13	<1	1.31	157	.07	<3	.56	.07	.39	<2	93
RE 196138	4	2107	8	51	.3	4	14	664	5.91	3	<5	<2	<2	93	<.2	<2	<2	21	1.52	.180	12	<1	1.24	148	.06	<3	.53	.06	.33	<2	87
196139	5	1407	5	53	<.3	3	17	658	6.55	2	<5	<2	2	87	<.2	<2	<2	21	1.18	.206	12	5	1.24	290	.10	<3	.71	.06	.50	<2	65
196140	11	1120	6	43	<.3	3	14	675	5.63	<2	<5	<2	2	77	<.2	<2	<2	21	1.09	.205	13	7	1.08	430	.08	<3	.64	.07	.41	<2	34
196141	19	683	5	45	<.3	15	13	662	4.57	3	<5	<2	3	84	<.2	<2	<2	48	1.28	.165	13	35	1.16	508	.11	<3	.76	.05	.47	2	34
196142	17	1117	7	51	<.3	8	15	689	5.35	<2	<5	<2	3	99	<.2	<2	<2	31	1.37	.187	13	12	1.14	280	.07	<3	.57	.05	.33	<2	41
196143	4	1500	8	43	<.3	3	16	608	5.74	2	5	<2	3	71	<.2	<2	<2	20	1.06	.195	13	7	1.07	288	.08	<3	.57	.06	.37	<2	49
196144	18	1421	5	50	<.3	10	17	782	6.17	<2	<5	<2	3	196	<.2	<2	3	26	1.41	.187	13	30	1.08	429	.07	<3	.53	.07	.35	<2	63
196145	8	809	5	47	<.3	5	13	694	5.81	<2	5	<2	3	73	<.2	<2	<2	21	1.17	.222	15	17	1.04	776	.08	<3	.54	.07	.38	<2	33
196146	4	1724	51	123	.4	7	16	1876	6.16	48	<5	<2	3	54	.2	4	3	29	1.84	.199	13	5	1.19	82	.05	<3	.68	.04	.27	<2	78
196147	46	3056	46	128	.6	5	16	1983	6.83	97	<5	<2	2	68	.5	5	<2	21	3.20	.177	14	<1	1.52	27	.01	<3	.65	.02	.10	<2	75
196148	8	1760	5	54	<.3	3	14	943	5.49	2	<5	<2	2	68	<.2	<2	<2	17	1.18	.213	16	12	.87	578	.05	<3	.41	.07	.25	<2	47
196149	4	848	9	47	<.3	3	14	830	6.60	<2	<5	<2	2	51	<.2	<2	<2	20	1.15	.204	16	<1	.97	137	.06	<3	.49	.06	.26	<2	24
STANDARD C3/AU-R	25	67	40	141	5.9	36	13	840	3.31	56	19	2	18	31	23.9	15	16	82	.60	.098	18	173	.65	138	.08	15	1.87	.05	.19	19	502

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Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-106

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-1178 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196150	91	6004	48	82	.6	6	17	627	6.32	141	<5	<2	<2	73	<.2	6	15	22	1.57	.050	13	<1	1.06	37	.02	<3	.69	.04	.12	<2	360
196151	12	2207	20	78	.3	3	13	706	5.38	<2	<5	<2	3	92	<.2	<2	6	17	1.13	.118	12	1	.92	322	.08	<3	.57	.10	.36	<2	128
196152	8	1591	20	84	.3	3	11	729	4.88	<2	<5	<2	3	87	.2	<2	4	16	1.48	.132	12	<1	1.10	302	.08	<3	.59	.06	.35	<2	48
196153	14	1718	14	73	<.3	3	10	741	4.89	<2	<5	<2	3	247	.2	<2	4	16	1.08	.144	13	<1	.93	120	.09	<3	.52	.07	.38	<2	72
196154	3	1113	12	67	<.3	9	12	644	4.78	2	<5	<2	4	2441	<.2	<2	2	27	1.05	.149	12	8	1.06	232	.13	<3	.66	.06	.52	<2	66
RE 196154	3	1104	8	67	<.3	8	12	646	4.77	<2	<5	<2	3	2444	<.2	<2	6	27	1.05	.151	12	9	1.06	233	.13	<3	.66	.06	.52	<2	56
196155	5	1524	12	50	<.3	5	12	532	5.12	<2	<5	<2	2	66	<.2	<2	6	17	1.13	.150	12	1	.86	225	.09	<3	.59	.06	.36	<2	91
196156	23	2833	21	63	.4	10	13	357	4.19	2	<5	<2	2	70	<.2	<2	10	31	1.64	.095	15	7	1.05	246	.08	<3	.47	.04	.32	<2	116
196157	2	318	4	56	<.3	25	12	238	3.08	<2	<5	<2	5	117	<.2	<2	<2	82	1.34	.114	14	40	1.34	1416	.20	<3	.91	.06	.75	<2	44
196158	4	1171	17	171	.3	14	12	1177	4.26	7	<5	<2	3	69	.4	3	3	44	1.52	.127	12	16	1.14	354	.13	<3	.65	.05	.50	<2	42
196159	3	1478	12	48	<.3	8	12	504	5.06	2	<5	<2	3	62	.2	<2	5	30	1.26	.147	12	6	1.14	433	.14	<3	.75	.07	.57	<2	85
196160	3	550	21	143	<.3	23	11	785	3.41	3	<5	<2	4	76	.3	4	<2	70	1.91	.113	12	35	1.42	322	.13	<3	.80	.05	.57	3	53
196161	4	985	158	224	.7	20	14	2438	4.23	111	<5	<2	3	62	1.0	26	2	48	1.75	.099	11	20	1.13	74	.07	<3	.68	.04	.36	<2	47
196162	3	1036	256	191	1.1	19	16	2388	5.36	129	<5	<2	4	98	.9	31	3	46	3.19	.119	13	15	1.38	44	.02	<3	.60	.02	.13	<2	75
196163	4	2320	35	101	.4	6	12	1042	5.75	77	<5	<2	2	54	.4	19	9	26	2.13	.162	16	<1	1.15	55	.03	<3	.74	.03	.14	<2	50
196164	6	1103	16	71	<.3	18	18	612	4.64	32	<5	<2	3	71	.2	5	5	45	2.60	.151	15	13	1.17	79	.03	<3	.63	.03	.14	<2	35
196165	3	847	10	44	<.3	26	13	323	2.97	5	<5	<2	5	69	<.2	3	3	80	1.70	.116	16	37	1.16	325	.11	<3	.84	.04	.43	<2	44
196166	3	363	9	45	<.3	22	11	411	3.16	5	<5	<2	6	59	<.2	<2	2	79	2.01	.133	20	36	1.18	172	.08	<3	.82	.02	.35	<2	12
196167	2	592	7	39	<.3	27	13	494	2.83	<2	<5	<2	6	46	<.2	<2	2	62	2.56	.126	22	33	1.02	27	<.01	<3	.51	.01	.04	<2	32
196168	4	752	43	77	.8	37	13	617	4.03	262	<5	<2	3	80	.7	32	2	58	3.53	.083	12	28	1.36	43	<.01	<3	.47	.01	.05	<2	22
196169	3	589	6	42	<.3	23	11	273	3.14	20	<5	<2	6	82	<.2	<2	<2	69	3.18	.100	14	35	1.42	94	.03	<3	.68	.02	.14	<2	52
196170	2	577	5	37	<.3	28	11	174	3.34	2	<5	<2	5	50	<.2	2	2	85	1.59	.097	13	45	1.54	533	.20	<3	.98	.04	.79	<2	43
196171	6	2037	13	36	<.3	11	12	425	4.46	<2	<5	<2	2	39	<.2	<2	5	33	.94	.132	13	11	1.05	126	.13	<3	.88	.04	.53	<2	99
196172	4	2209	18	44	.3	3	12	469	4.77	<2	<5	<2	3	27	<.2	<2	8	17	.95	.148	15	<1	1.13	157	.15	<3	.85	.05	.61	<2	76
196173	4	2027	26	138	.5	5	12	1957	5.71	32	<5	<2	<2	57	.4	13	7	17	1.50	.152	14	<1	1.11	160	.11	<3	.84	.03	.45	<2	175
196174	2	1852	14	72	<.3	3	12	551	5.62	<2	<5	<2	2	41	<.2	<2	6	18	.91	.163	12	<1	1.16	192	.18	<3	.84	.04	.68	<2	48
196175	2	2356	16	58	.3	3	11	876	5.64	3	<5	<2	2	34	<.2	<2	6	17	1.01	.152	14	<1	.90	184	.11	<3	.78	.04	.43	<2	71
196176	4	1921	12	52	<.3	5	11	481	5.71	<2	<5	<2	2	24	<.2	<2	5	19	.82	.159	13	<1	1.08	382	.18	<3	.78	.05	.65	<2	73
196177	5	2756	18	46	<.3	5	12	395	5.37	5	<5	<2	2	26	<.2	<2	6	22	.92	.127	12	<1	.98	258	.14	<3	.66	.08	.48	<2	83
196178	3	847	5	45	<.3	28	14	452	3.55	5	<5	<2	5	72	<.2	<2	3	61	1.86	.116	16	33	1.20	65	.13	<3	.93	.04	.53	2	29
196179	2	487	30	222	<.3	26	12	2730	3.78	45	<5	<2	2	74	.3	13	2	60	2.04	.101	14	31	1.28	179	.07	<3	.72	.02	.34	<2	41
196180	3	750	57	624	.7	19	9	6617	4.99	181	<5	<2	2	67	1.4	42	3	42	2.85	.088	11	16	1.40	42	<.01	<3	.41	.01	.17	<2	23
196181	2	373	9	82	<.3	26	12	676	2.59	22	<5	<2	4	63	.3	4	<2	61	2.61	.122	18	33	1.16	114	.03	<3	.69	.01	.17	<2	21
196182	12	1148	152	134	.3	29	13	821	3.06	7	<5	<2	5	59	.3	4	3	59	2.09	.117	17	32	1.09	107	.03	<3	.78	.01	.20	<2	42
196183	4	1424	189	301	.9	26	13	2225	3.36	42	<5	<2	4	52	.9	16	3	48	2.04	.094	15	24	1.00	42	.01	<3	.55	.01	.16	<2	52
STANDARD C3/AU-R	26	67	41	162	5.9	37	13	801	3.55	55	21	3	19	33	26.1	19	28	84	.60	.097	18	171	.67	160	.11	20	1.97	.04	.19	24	505

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ALL DDH 97-106

DATE RECEIVED: MAR 17 1997 DATE REPORT MAILED: Mar 24/97 SIGNED BY. ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196184	4	607	18	149	<.3	22	11	2593	3.07	67	<5	<2	3	63	<.2	7	2	43	2.48	.091	12	24	1.08	155	.02	4	.64	.02	.20	<2	17
196185	3	690	7	41	<.3	25	12	226	2.95	2	<5	<2	4	71	<.2	<2	<2	77	1.30	.097	12	46	1.30	240	.17	<3	.84	.06	.63	2	24
196186	3	760	3	39	<.3	27	11	220	2.99	2	<5	<2	6	42	<.2	<2	2	78	1.33	.099	12	44	1.42	319	.18	<3	.96	.06	.71	<2	37
196187	2	2843	18	44	.5	14	14	360	5.23	3	<5	<2	3	47	<.2	<2	<2	36	1.88	.111	17	11	1.27	73	.12	<3	.69	.05	.48	<2	96
196188	2	2853	18	41	.3	8	13	304	5.28	<2	<5	<2	3	20	<.2	<2	2	23	.84	.150	13	3	1.21	125	.19	<3	.85	.08	.68	<2	107
196189	3	2825	19	40	.7	7	12	361	4.89	<2	<5	<2	2	22	<.2	<2	6	21	.76	.124	12	4	1.09	89	.16	<3	.78	.08	.55	2	100
196190	2	1939	9	42	.4	9	13	381	5.48	<2	<5	<2	3	29	<.2	<2	<2	27	.99	.150	13	7	1.12	158	.17	<3	.84	.09	.59	2	60
196191	2	575	5	47	<.3	28	12	229	3.18	<2	<5	<2	4	106	<.2	<2	2	75	1.29	.104	13	46	1.36	159	.18	<3	.94	.05	.68	2	22
196192	2	2539	23	108	1.7	13	12	741	5.17	10	<5	<2	3	71	<.2	8	2	37	1.29	.123	13	19	1.07	168	.10	<3	.76	.05	.38	<2	98
196193	3	1934	21	94	.3	26	13	530	4.38	6	<5	<2	3	97	<.2	6	4	48	1.37	.151	16	34	1.34	78	.13	<3	.83	.05	.54	2	81
196194	4	427	<3	50	<.3	51	15	379	3.69	<2	<5	<2	5	154	<.2	<2	2	94	1.74	.139	20	74	1.88	362	.19	<3	1.52	.03	.87	<2	18
196195	4	418	7	54	<.3	50	16	519	3.37	<2	<5	<2	5	121	<.2	<2	<2	83	2.78	.159	24	61	1.44	121	.06	<3	.77	.01	.26	<2	8
196196	3	2745	21	102	.4	28	14	642	4.97	31	<5	<2	2	119	.2	7	3	46	1.44	.124	11	49	1.42	62	.13	<3	.89	.06	.71	<2	95
196197	3	2945	17	53	<.3	7	12	317	7.03	<2	<5	<2	2	39	<.2	<2	2	23	.85	.132	8	<1	.75	129	.12	<3	.55	.08	.39	<2	78
RE 196197	3	2930	16	52	.3	8	12	316	7.03	<2	<5	<2	3	38	<.2	<2	<2	23	.85	.134	8	<1	.75	110	.12	<3	.55	.08	.39	<2	89
196198	1	1271	8	66	<.3	24	12	276	3.89	3	<5	<2	4	379	<.2	2	2	71	1.03	.113	11	45	1.36	696	.23	<3	.95	.08	.80	2	52
196199	3	1220	34	135	<.3	27	10	328	3.09	11	<5	<2	5	424	1.3	<2	2	78	1.42	.090	12	49	1.30	383	.19	<3	.90	.07	.67	<2	48
196200	2	1694	12	51	.3	29	13	207	4.04	<2	<5	<2	5	216	<.2	<2	<2	76	1.23	.085	10	51	1.29	36	.20	<3	.98	.07	.75	4	312
196201	3	1133	9	41	<.3	29	11	212	3.56	<2	<5	<2	6	311	<.2	<2	<2	89	1.14	.100	11	57	1.38	203	.21	<3	1.03	.07	.72	<2	53
196202	6	791	62	148	.5	28	12	1041	3.47	79	<5	<2	4	159	.3	40	<2	70	1.79	.105	12	42	1.21	75	.12	<3	.83	.05	.50	2	52
196203	3	3732	180	355	1.2	25	12	2661	5.10	274	<5	<2	2	56	1.6	42	<2	32	2.03	.109	11	7	.98	18	<.01	<3	.72	.01	.11	<2	110
196204	11	5268	146	198	1.0	19	12	1504	5.90	284	<5	<2	2	69	.9	15	3	30	2.63	.068	8	4	1.10	28	<.01	<3	.68	.02	.06	<2	241
196205	6	9177	52	92	1.5	20	13	701	6.31	55	<5	<2	<2	75	.2	5	6	41	1.67	.063	11	11	.85	28	.01	<3	.74	.02	.08	<2	369
196206	2	4283	27	83	1.1	14	11	353	4.88	27	<5	<2	2	65	<.2	2	<2	28	1.34	.141	11	11	.79	21	.03	<3	.66	.04	.18	2	316
196207	3	3045	30	158	.5	21	12	502	5.05	31	<5	<2	3	78	.3	3	2	53	1.36	.110	10	30	1.11	49	.10	<3	.97	.04	.46	<2	143
196208	36	2274	68	235	1.0	27	11	1739	3.72	109	<5	<2	3	110	.7	21	4	56	2.08	.079	11	34	1.16	127	.06	<3	.74	.02	.27	2	90
196209	201	5956	105	122	.8	25	17	1052	5.90	355	<5	<2	3	60	.4	16	4	31	2.19	.030	7	12	.92	22	<.01	<3	.66	.01	.10	<2	245
196210	4	2945	19	58	.6	18	11	607	4.14	8	<5	<2	4	52	<.2	3	2	40	1.58	.108	11	20	.82	70	.01	<3	.66	.01	.09	<2	107
196211	3	2547	26	110	.3	33	17	532	5.69	5	<5	<2	4	71	.2	8	<2	85	1.20	.084	9	41	1.55	88	.11	<3	1.39	.02	.71	<2	120
196212	5	3093	24	69	1.0	23	14	358	5.42	<2	<5	<2	<2	59	<.2	<2	<2	62	1.09	.078	7	33	1.18	35	.08	<3	.88	.03	.43	3	112
196213	22	2061	74	190	.4	23	10	2499	4.38	23	<5	<2	3	83	.3	9	<2	59	1.32	.064	8	34	1.08	47	.10	<3	.86	.04	.46	<2	83
196214	12	2349	16	61	.3	26	11	261	3.53	<2	<5	<2	4	92	<.2	<2	3	64	1.07	.085	10	38	1.18	262	.14	<3	1.05	.03	.57	<2	122
196215	47	1286	13	46	<.3	28	12	363	3.76	<2	<5	<2	3	73	<.2	<2	<2	70	1.12	.092	10	38	1.11	74	.14	<3	1.02	.03	.53	<2	52
196216	30	1951	11	38	.3	22	10	183	3.66	<2	<5	<2	4	71	<.2	<2	3	62	.96	.082	10	35	1.08	215	.14	<3	.80	.05	.56	2	67
196217	362	4305	28	70	.8	13	11	568	4.57	4	<5	<2	2	50	<.2	<2	<2	21	1.32	.068	10	5	.85	44	.06	<3	.55	.06	.24	<2	355
STANDARD C3/AU-R	26	64	39	160	5.9	38	13	802	3.55	53	17	<2	19	32	24.4	17	27	84	.60	.095	19	174	.68	157	.11	19	1.97	.04	.18	21	465

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-106

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196218	4	4575	33	50	.8	18	14	248	6.32	4	<5	<2	3	52	<.2	<2	7	69	.65	.036	7	28	1.56	319	.22	<3	.99	.07	1.03	2	220
196219	30	1922	14	49	.4	28	12	228	3.86	5	<5	<2	4	72	.4	<2	2	79	.94	.070	10	49	1.41	497	.22	<3	.99	.09	.88	2	94
196220	11	2817	26	46	.6	17	11	194	4.41	6	<5	<2	3	49	<.2	<2	2	51	.69	.060	9	21	1.14	150	.20	<3	.79	.07	.69	4	192
196221	6	2410	18	60	.7	8	11	354	5.13	9	<5	<2	3	33	.2	<2	3	25	.65	.113	10	3	1.02	289	.18	<3	.70	.07	.60	<2	182
196222	3	1504	19	59	.6	9	12	436	5.57	6	<5	<2	3	48	.5	<2	5	26	.62	.150	10	7	.91	397	.16	<3	.82	.06	.52	3	88
196223	3	2784	22	36	.7	9	11	241	5.17	8	<5	<2	3	37	.3	2	3	24	.66	.072	8	6	.91	190	.16	<3	.69	.07	.52	2	122
196224	4	3065	24	61	.8	7	11	252	6.24	7	<5	<2	3	18	.2	<2	<2	23	.56	.100	9	3	.99	78	.21	<3	.76	.09	.69	3	133
196225	31	3440	28	44	.9	7	9	229	4.49	7	<5	<2	3	62	.2	<2	3	17	.77	.064	8	2	.74	219	.14	<3	.54	.07	.41	2	225
196226	3	5283	42	75	1.7	11	14	1264	5.78	21	<5	<2	2	71	.2	<2	7	21	1.16	.042	7	1	1.06	200	.09	<3	.65	.04	.35	3	262
196227	9	4361	40	72	1.8	8	11	802	5.15	16	<5	<2	2	76	<.2	<2	5	21	1.68	.100	9	2	.98	38	.02	<3	.64	.02	.16	<2	215
196228	9	3056	27	95	1.2	14	9	1806	4.96	26	<5	<2	2	82	.4	<2	2	32	1.56	.101	9	13	1.12	323	.05	<3	.52	.04	.29	3	188
196229	18	4086	41	113	1.4	18	11	1975	5.62	91	<5	<2	3	86	.5	<2	3	38	2.91	.045	8	11	1.53	91	.03	<3	.65	.02	.22	<2	132
196230	21	5054	44	88	1.0	15	11	842	5.55	124	<5	<2	2	45	.3	6	6	27	2.19	.074	10	1	1.03	74	.02	<3	.70	.02	.13	<2	156
196231	118	4297	43	83	.9	26	14	670	4.50	100	<5	<2	4	75	.3	5	5	50	4.56	.038	12	24	1.57	28	<.01	<3	.61	.01	.07	<2	118
196232	11	2835	38	121	.7	22	11	630	3.58	56	<5	<2	3	58	.6	4	2	51	3.32	.090	11	24	1.18	43	<.01	<3	.55	.01	.06	<2	209
196233	28	4010	39	77	.8	19	10	593	4.06	102	<5	<2	4	76	.2	6	5	46	4.41	.050	10	18	1.53	17	<.01	<3	.72	.01	.06	<2	127
RE 196233	28	3936	38	77	1.1	20	10	587	4.03	99	<5	<2	5	75	<.2	5	5	46	4.38	.050	10	18	1.51	17	<.01	<3	.72	.01	.06	<2	145
196234	119	2565	33	141	.7	26	12	859	4.04	232	5	<2	3	63	.3	10	<2	50	3.43	.088	11	18	1.15	25	<.01	<3	.64	.01	.08	<2	65
196235	90	1156	16	50	<.3	21	10	331	2.77	44	<5	<2	3	71	.2	<2	2	53	3.73	.084	12	21	1.21	33	<.01	<3	.71	.01	.10	<2	40
196236	296	4627	43	41	.8	27	9	135	2.95	7	<5	<2	3	102	<.2	<2	4	72	2.10	.008	11	33	1.11	25	.08	<3	.78	.04	.43	3	97
196237	157	2947	27	38	.6	26	11	126	2.83	2	<5	<2	3	1151	.2	<2	4	75	2.01	.048	14	37	1.07	69	.09	3	.89	.06	.49	2	96
196238	49	1408	14	46	<.3	31	12	230	3.27	<2	<5	<2	3	1483	.2	<2	4	90	1.60	.085	14	47	1.31	312	.17	<3	.98	.05	.77	<2	31
196239	12	5234	41	59	.9	17	13	231	4.80	3	<5	<2	3	386	<.2	<2	5	48	.92	.050	10	18	1.35	181	.23	<3	.99	.07	.92	<2	261
196240	11	3945	32	47	.7	11	12	204	5.06	3	<5	<2	3	104	.2	<2	3	33	.83	.090	11	7	1.12	154	.19	<3	.75	.06	.69	2	186
196241	38	1268	20	48	.3	23	15	177	3.55	12	<5	<2	4	249	<.2	<2	5	61	1.38	.094	11	29	1.06	102	.14	<3	.71	.05	.54	2	65
196242	130	1561	39	110	1.0	21	9	1300	3.36	188	<5	<2	5	120	.6	20	5	59	3.37	.067	13	25	1.43	75	.03	<3	.67	.02	.22	2	61
196243	57	1875	26	82	1.2	24	10	648	2.94	170	8	<2	5	74	.7	30	3	56	4.15	.071	13	28	1.47	58	<.01	<3	.60	.01	.07	<2	80
196244	14	1314	16	51	<.3	28	13	452	3.35	31	<5	<2	5	79	.4	<2	2	65	3.57	.088	13	32	1.30	79	.02	<3	.73	.01	.12	2	83
196245	11	698	8	39	<.3	27	10	199	3.01	10	<5	<2	4	120	<.2	<2	2	78	1.49	.094	11	43	1.24	959	.18	<3	.90	.05	.67	2	34
196246	7	788	10	39	<.3	26	9	373	3.35	2	<5	<2	5	107	.3	<2	3	75	1.46	.092	11	41	1.23	482	.15	<3	.86	.05	.57	4	44
STANDARD C3/AU-R	26	61	43	166	6.3	36	12	795	3.55	62	29	4	20	31	26.4	19	28	82	.58	.097	18	167	.67	151	.11	20	1.92	.04	.19	24	447

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-106

Data FA

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AC #'s 97-1678
97-1840

BOOKER GOLD EXPLORATIONS LTD.

Location: 10139W 10124S				Hole No. 97-107	
Azimuth: 300°	Dips - collar		-75 °	Contractor: J.T.T.	Property: Hearne Hill
Elevation:		m	°	Logged by: B.G.	Claim No. Hearne 1
Length: 319.1 m (1047')	319.1	m	-77 °	Date: April 4/97	Section No.
Core size: NQ		m			Started: April 2/97
Purpose: To see if Bland Zone + Chapman Zone connect at depth (>1000')					Completed: April 10/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	6.1	Casing - no core													
		(core split before logging)													
6.1	105.4	Altered Biotite ± Feldspar	6.1	17.8	Propylytic / Weak Argillic	<1-3	var.	Carb/calc./chl-	197501	6.1	8.2	1262	57	.3	5
		Porphyry (Diorite/Monzodiorite)			plag → epid. ± chl. ± calc.			Qtz - Py - Cp ± chl.	502	8.2	11.3	599	22	<.3	4
		Dark grey to bleached			groundmass biot + chl. +				503	11.3	13.4	1421	79	<.3	6
		(white) f.g. to c.g.			light earthy brown mineral				504	13.4	16.5	1363	69	<.3	15
		inequigranular, semi-crowded			secs as occasional fine										
		to crowded, supported in			speck but mostly in fine										
		cohesive dark grey groundmass			wisp-like stockworks ±										
		50-70% plag. f.g. to m.g.			Py > Cp. ~1% Py + <1% Cp										
		subhedral to euhedral, alt'd	17.8	18.8	Phyllic				505	16.5	19.8	1484	48	<.3	27
		plag laths + alt'd subrounded			- change to phyllic alt'n										
		fspar grains showing resorption			is sharp ± core bleached										
		veins + some sericite			+ apparent alteration contact										
		1-5% blacks, f.g. to m.g.			(upper) @ 10° to C.A.										
		Biot. books (2nd gen.)			- core is bleached, light										
		- groundmass is dark grey			brownish grey ± aphanitic										
		aphanitic to f.g. - f.g.			mafic xenos 2-4 cm occurs										
		minerals mainly alt'd biot. +			for 15 cm from upper alt'n										
		white angular fspar			contact - xenos are angular										
		- mafic xenos, in places			+ contain disseminated hematite.										

- fractures @ variable orientations + spaced from <10cm to 70.5m.
- Fe Ox coating fracs. to 231.7m

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	PPM Cu %	PPB Au ppb	PPM Ag ppm	PPM Mo ppm
		(6.1 - 105.4 m cont.)	17.5	18.8 cont'd.	- abundant fine web-like stockwork containing minor sulf's.	<1	highly vert.	Qtz - carb - Py - Cp							
	at	7.9 m													
		2 large 1cm to 2cm elliptical patches of strong green epidote alteration of groundmass + edges of plag. grains, very f.g. Py disem. throughout patches			- slightly larger Qtz veinlets seen offsetting fine stockwks 0.3 - 0.6 cm. + contain ≥ abund. Cp as fine stringers - abund. disem. Cp in between Plag. grains in more stockworked areas	1-2	15°-60°	Qtz - carb ± Cp							
		9.7 - 10.3 m													
		Weak BFP breccia zone w large (3-7mm) angular xenos. of Andesitic Hornfels / Rhyodacite.			Cp > Py ; 1% Cp < 1% Py - lower contact of this Phyllic zone also sharp + grading back to Propylytic BFP.										
		- stockwork cuts both BFP + the hornfels / Rhyodac. xenos. w minor sulf's, Py > Cp in small 1-2mm blebs.			- contact @ 20°-23° to C.A. w the Qtz veinlet running along it. Q few plag. grains appear broken along veinlet.										
	at	16.7 m	18.8	29.8	Propylytic	< 1	var.	stockworked - Carb - Chl ± Qtz - Py - Cp ± hem.							
		1cm wide sigmoidal gneissic band w sheared appearance. Feldspar xtals have been stretched into small augen structures in center of band while plag. laths show minor alignment parallel to edges of band. - band @ 45° to C.A.			- groundmass clast = chl. + light brown mineral. Py + Cp in fine, web-like stockworks + large veinlets which cut stockwork - some minor disem. Cp.	2-8 large veinlets	10°-80°	Qtz - carb - Cp - Py ± chl.							

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(6.1 - 105.4m cont.)													
		19.6 - 21.8m			19.6 - 21.8m				196506	19.8	23.5	629	32	<.3	3
		dk greenish grey, m.g. to c.g., groundmass supported BFP.			- less stockwork				507	23.5	26.5	699	30	<.3	5
					Py > Cp in few veinlets w/ chl. alt'n	1-4	20°-65°	Qtz - chl - Py ± Cp.	508	26.5	29.6	2821	94	.3	12
		25 - 30% plag. phenos mostly equigranular to m.g. ground both w/ occasional c.g. lathy - subhedral to subhedral													
		- 1% Py, black dissem. blebs (2ndary)													
		- few fracts. > 0.1m apart @ 60° - 80° to C.A. - FeOx stained													
		29.8 33.8m	29.8	33.8	intermediate - Advanced Argillic				509	29.6	32.6	1953	79	<.3	28
		Bleached, light brownish grey, m.g., inequigranular groundmass supported BFP			plag. = sericite / clay ± epid. groundmass bleached to light brown + sept. - sericite										
		15 - 20% white to light green, fine to med. anhedral to subhedral altered plag. laths.			- abundant hairline stockwk filled w/ dk grey/black hem + qtz + trace sul's.	<1	var.	hem - Qtz ± Py ± Cp							
		- 2 - 5% Py, black dissem.			- sul's occur in large 2-5mm qtz - carb. veinlets Py > Cp	2-5	0°-20°	Qtz - carb - Py - Cp ± hem							
		- groundmass strongly bleached + aphanitic													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		(6.1 - 105.4 m cont.)	33.8	35.6	Propylytic			
					plag → sericite + chl. ± calc.			
		29.8 - 33.8 m cont.			groundmass biot → chl.			
		- abundant lunge 5-10 cm,			- abundant stockwk ±	<1	VOL.	Qtz - carb -
		subrounded mafic xenos			Cp > Py ; Cp as thin			Cp - Py
		that show reaction rims			veinlets in veinlets + as			
		- xenos contain (megacrystic)			fine 1-2 mm dissem. blebs			
		mafic plag. phenos (white)						
		in a Cg, biot. rich groundmass						
			35.6	82.6	Potassic			
		35.6 - 82.6			plag. → kspar + biot.			
		all'd QFP			- black biot. seen removing			
		- groundmass is a dark			many plag. grains.			
		blue-grey			- weakly magnetic.			
		- abundant Pg. to m.g.,			- Py ≥ Cp as fine dissems.			
		grey, 2ndary kspar showing			in groundmass.			
		imperfect cleavage surfaces			- less stockwk. - veinlets			
		± no striations			present spaced 5 - 20 cm apart.	1-3	15°-60°	Carb - Py ± Cp.
		- 5-10% Pg. black biot.			± Py > Cp.			
		books			- groundmass biot. still appears			
		- rock very hard + competent			brownish green.			
		± few fracts. ; spaced > 0.4 m						
		apart @ 20°-70° to C.A.,						
		coated ± calc., Py ± Cp ± chl.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
196510	32.6	35.7	963	48	<.3	8
511	35.7	38.7	962	51	<.3	3
512	38.7	41.7	302	17	<.3	2
513	41.7	44.8	294	11	<.3	2
514	44.8	47.8	442	38	<.3	3
515	47.8	50.9	150	11	<.3	14
516	50.9	53.9	340	12	<.3	2
517	53.9	56.9	287	9	<.3	3
518	56.9	60.0	259	6	<.3	5
519	60.0	63.1	302	6	<.3	3

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(6.1 - 105.4 m cont.)			64.8 - 66.2 m				196520	63.1	66.1	172	3	<.3	2
					Advanced Argillic										
		36.3 - 37.6 m			fspar ⇒ sericite.										
		Suite containing abundant			groundmass brit. ⇒ chl.										
		mafic xenos showing			- > abund. of c.g. fspar										
		reaction reaction in intruding			(relict)										
		BFP			- 2ndary black brit. looks										
		- xenos very c.g. to aphanitic,			absent.										
		subrounded to angular, brit.			- Py > Cp as very fine disems.										
		with.			detum grains.										
		- many contain grds of mig-			- Cp > Py in minor stockwk	<1-3	40°-85°	Qtz-fsm-Cp-Py ± cscd							
		c.g. plag. grains 0.5 - 1.0 cm			- change to Advc. Argill.										
		across + fine strands of			alt'n is sudden as xenos										
		disseminated Cp, 1-2 mm			is bleached + black brit. absent										
		long + < 1 mm wide.													
		- fracts < 20 cm apart @			67.8 - 70.0 m				521	66.1	69.2	894	36	.3	3
		55°-80° to C.A. lined ±			Advanced Argillic				522	69.2	72.2	276	11	<.3	3
		thin veneers of Py, chl ± Cp.			- At both ends of interval				523	72.2	75.2	694	24	.4	39
					the change to Advc. Argill.				524	75.2	78.3	641	28	<.3	12
					alt'n from Potassic is				525	78.3	81.4	641	28	<.3	12
					gradational over 15-25 cm										
					in to black (2ndary) brit.										
					becoming less										
					+ there is an abrupt color										
					change @ either contact										
					in rock being bleached +										
					fspars immed. alt'd to										
					sericite.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(6.1 - 105.4 m cont.)			(67.8 - 70.0m cont.)										
					- hint → chl.										
					- also 1-2 mm patches of groundmass strongly alt'd to green mineral (epidote?)										
					- abundant stkwk ±	<1-3	Var.	Qtz - carb ± chl							
					Py > Cp ; discontinuous +			Py - Cp ± chl.							
					irregular.										
		Note: 3m of core missing													
		between 75.2 + 78.3 m													
		- drillers notified + will try to													
		recover.													
									196526	81.4	84.4	562	20	<.3	3
		82.6 - 90.6 m			82.6 - 90.6m										
		Intermed. Argillic alt'd			clast. / Advanced Argillic										
		BFP.			plag. shows zoning ± some										
		- transition to clast. Argillic			rims of fresh stunted albite										
		is marked by core becoming			+ cores alt'd to sericite										
		lighter greenish-grey +			± epid. for 0.8 - 1.0 m from										
		fspar coarsening + more			82.6 m - from here on										
		crowded ~ 50-65%			plag. → alt'd to sericite,										
		- abundant m.g. alt'd plag.			± epid. ± chl.										
		in anhedral to subhedral			- groundmass biot. alt'd	<1-2	Var.	Chl. - carb - Cp							
		laths + subrounded grains			to chl. throughout.			- Py							

± zoning
1-2% Py, black biot. books

- Sul's in chloritic stockworks
± Cp > Py

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(6.1 - 105.4 m cont.)		at	86.7 m				196529	84.4	87.4	958	9	.5	6
					35 cm long section	3-10	0-60°	Kspar - Qtz -	528	87.4	90.5	441	11	.4	3
					containing 3mm - 1cm,			hem - Chl. -							
					irregular, discontinuous, pink			Cp ± Py							
					white symtaxial veinlets.										
					w thin black hematite										
					selvages + 1-3 mm irregular										
					blebs of Cp.										
					- strong pervasive Chl.										
					alt'n in country rock BFP.										
		90.6 - 96.6 m			90.6 - 96.6 m				529	90.5	93.5	1609	255	.6	4
		Stkwk chalcedonic / Breccia.			large irregular blebs				530	93.5	96.6	1038	64	<.3	11
		Core is characteristic			+ thin veinlets of Cp +										
		m.g., crowded BFP that			Py coat several And. Hnfls/										
		contains an abundance of			Rhyodac. xenos while										
		1cm to >10 cm angular,			hem. rich mafic xenos										
		mafic + And. Hnfls /			contain trace sulfs.										
		Rhyodacite xenos.			- some mafic xenos										
		- mafic xenos are black,			incorporation into the BFP.										
		aphanitic + contain abundant			w abundant m.g. plag.										
		hem.			phenos stabilizing inside the										
		- And. Hnfls/Rhyodacite is			xeno but angular outline										
		light grey, hard + siliceous			of xeno. still visible.										
		w abundant fine hem.													
		stockwork													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		96.6 - 105.4 m	96.6	105.4	Potassic				196531	96.6	99.6	1223	56	<.3	13
		- dk grey, less plag. phenos			plag. → kspar				532	99.6	102.7	971	59	.3	3
		- hard, competent w/ few			increase in groundmass				533	102.7	105.7	1874	85	.3	3
		fracts, > 0.5m apart @			dust.										
		50°-75° to C.A.			~1% C.g. block dust										
					phenos.										
					- weakly - strong magnetic	<1	var.	Qtz - kspar -							
					Cp > Py as patchy dissems.			Cp - Py ± hem.							
					in stockworked veinlets										
			105.4	140.3	Potassic										
105.4	121.2	Andesitic Hornfels / Rhyodacite			- strongly magnetic.				534	105.7	108.8	4174	203	1.0	3
		Light grey strongly fractured			- dark grey hornfels contains				535	108.8	111.9	3403	151	.8	20
		- entire section shows small			a dense web-like stockwork	<1-2	var.	mag./hem	536	111.9	114.9	2070	143	.3	4
		irregular injections of m.g.			of mid + black vein Py.			- Qtz - Py - Cp.	537	114.9	118.0	2613	161	.7	4
		alt'd BFP. w/ some Rhyodac.			mag./hem.				538	118.0	121.0	2743	211	.5	3
		frags. as xenoliths surrounded			- sul's ; Py ≥ Cp in above										
		by BFP.			stkwk + fine dissems.										
		- very competent + hard			+ Hbl. assumed Rhyodac.										
		few fracts: ≥ 0.8m apart			clasts / xenoliths.										
		@ 50°-65° to C.A.			- injected BFP material has										
					plag alt'd to kspar.										
					- 3-5% Py, 2-3% Cp.										
					- abundant mg. block dust.										
					~2%.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
121.2	140.3	Biotite Feldspar Porphyry - stepped interval contains alternating 1-3m intervals of light grey to white, f.g. - m.g. crowded BFP + very light grey, intensely stockworked and bonfide / Rhyodac. xenoliths similar to above section - Xenoliths from <1cm - 1.0m very angular + hard. - few fracts. spaced >0.3m apart. @ 40°-70° to C.A. - Qtz ± calc. ± sul's. -			125.4 - 127.6 m Advanced Argillic. plag. → serie. + epid. groundmass biot. → chl. - abundant m.g. black biot. books. - minor disem. sul's Py > Cp. - minor stockwork ū thin blebs. of Py + Cp. - non-magnetic.	1-3	10-45°	Qtz - carb - hem/mag. - Py - Cp.	196539	121.0	124.0	2879	131	.4	3
									540	124.0	127.1	417	21	<.3	2
									541	127.1	130.1	1461	103	<.3	2
									542	130.1	133.2	2045	100	<.3	2
									543	133.2	136.2	3182	194	.7	2
									544	136.2	139.3	2771	105	.3	3
140.3	237.4	Biotite Feldspar Porphyry (Altered) (Dacite) Dk grey to bleached (white) m.g., crowded, groundmass supported ~ 50-65° plag. - f.g. to m.g., anhedral to subhedral, laths + subrounded cubes. ~ 1-10% f.g. to m.g. black biot books. - groundmass is light greenish-grey to dark grey, f.g. to aphanitic containing abund. all'd biot.	140.3	158.1	intermediate - Advanced Argillic plag. → serie. + epid. groundmass biot. → chl. + light brown mineral. sul's: Py >> Cp in minor stockwork + fine dissems.				545	139.3	142.3	2133	118	.3	9
						<1-3	0-70°	Carb. - Qtz - Py - hem (mag) - Cp.							
				at	143.5 - veinlet filled ū anhedral - subhedral, m.g. xtals + masses of Py - studded on subhd. grains.	2	5°	carb. - Py ± hem (mag.)	546	142.3	145.4	596	14	<.3	3

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		(140.3 - 274.4 m cont.)		at	148.1 m			
					Cp rich veinlet, irregular	1-3	10°	Cp - Py - hem.
					+ discontinuous			
				at	151.2 m			
					- large Py veinlet, irreg.	1-3	0-5°	Py - Qtz - hem ± Cp
					+ discontinuous			
					154.6 - 158.1 m			
					- core is grey (stronger chl alt'n)			
					- more stockwork	<1-2	var.	hem(mag) - calc - Qtz - ± Py ± Cp ±
					- minor sul's; Py > Cp in			
					irregular blebs around stockwork			
		158.1 - 172.7	158.1	274.4	Potassic			
		- darker grey			plag → kspar + Bot.			
		- fspar more equigranular, m.g. + grey.			- groundmass biot alt'd to chl. - some fresher block			
					- abundant (2-5%) m.g.			
					block biot. books (2ndary)			
					- minor stockwork ± minor	<1-2	var.	calc. - hem(mag) - Py ± Cp
					sul's Py > Cp. ± chl. alt'd			
					envelopes			
					Cp mainly as fine disseme.			
					in groundmass.			
					- magnetic			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
196547	145.4	148.4	1598	67	<.3	4
548	148.4	151.5	847	17	<.3	36
549	151.5	154.5	543	25	<.3	37
550	154.5	157.6	298	12	<.3	12
551	157.6	160.6	360	12	<.3	3
552	160.6	163.7	317	11	<.3	3
553	163.7	166.7	480	20	<.3	2
554	166.7	169.8	449	18	<.3	43
555	169.8	172.8	366	17	<.3	2

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
									196556	172.9	175.9	460	26	<.3	4
		172.7 - 178.4 m			172.7 - 178.4 m				557	175.9	178.9	494	33	<.3	4
		- lighter grey, more granular			intermediate Argillic										
	~60%	→ fspar; white to light green, aphanitic, subhed.			plag. → sericite + epid										
		subhed. laths, f.g. to c.g.			groundmass bld → chl.										
		- mostly m.g. - some gran.			minor stockwork										
		- groundmass light grey,			- non-magnetic										
		aphanitic & abundant all'd			minor sul's in stockwork	<1-2	15-65°	calc. - chl. - Py							
		bld.			Py > Cp			± Cp ± seric.							
									558	178.9	182.0	1003	53	.5	2
		-		at	180.1 m										
					large calcite veinlet ±	2-3	5°	calcite - chl -							
					chlorite selvage + minor sul's.			Py ± Cp							
					- occurs over 40cm of the										
					split core										
				at	181.2 m										
					10 cm long zone of dense	<1	var.	Cp - Py - hem							
					fine stockwork veinlets			(mag)							
					mostly sul's; Cp > Py										
					a large calcite veinlets cuts	2	20°	calc. ± Py ± Cp							
					the stockwork										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4m cont.)													
				at	182.5 m				196559	182.0	185.0	303	31	<.3	2
					40 cm long section w minor stockwork of thin 1mm irregular qtz/feldspar veinlets w green 0.5 cm epidote envelopes. - minor sul's in fine strands adjacent to envelope. - seen is non-magnetic.	1	5°-60°	Qtz/feldspar - large bright green envelopes							
				at	185.4 m				560	185.0	188.0	578	35	.3	7
					40 cm long seen, containing a continuous sulph. veinlet w Py > Cp for 1st 25cm + Cp > Py over 15 cm. - veinlet cuts earlier fine stockwork where Cp > Py	1	5°	Py - Cp ± bm.	561	188.0	191.1	808	22	<.3	6
				at	193.0 m				562	191.1	194.2	1254	46	<.3	6
					30 cm seen w increase in stockwork + increase in sul's; Cp > Py	<1-1	0-30°	Cp - Py ± bm (mag)	563	194.2	197.2	567	9	<.3	12
									564	197.2	200.2	301	23	<.3	4

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
				at	200.3 m				196565	200.2	203.3	475	12	<.3	2
					large Qtz veinlet ū abund.	1-2	75°	Qtz-Cp-Py							
					Cp ± 2mm wide hem			-hem (mag)							
					(mag) envelope										
		200.8 - 204.8 m			200.8 - 204.8 m										
		core is lighter grey, granular			Propylytic										
		semi-crowded, f.g. to c.g.,			plag. → calcite										
		~40-50% plag.			groundmass brit → chl.										
		anhedral-subhed.			-moderate stockwork ū	<1-1	var.	calc.-chl-Py							
		lathe + subrounded equigranular			Py > Cp in irregular blebs			-Cp							
		-fresh to strongly alt'd													
		~2-5% f.g.-m.g. block		at	202.0 m										
		brit. looks			large continuous Cp veinlet	1	45°	Cp ± Py							
		-groundmass light greenish-													
		grey		at	205.9 m				566	203.3	206.3	459	18	<.3	3
		-few fract's > 0.5 m apart			large mag (hem) veinlet,	5-9	10	Mag (hem) - Cp							
		@ 35-50° to C.A., - chl.-			irregular + continuous			-Py							
		calcite line ± minor sul's			(pinches + swells) ū										
		-moderate			small blebs of Cp + Py										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
		206.6 - 211.6 m			206.6 - 211.6 m				196567	206.3	209.4	873	36	<.3	4
		Bleached, light grey/white plag., white, crowded, mostly m.g.			Advanced Argillic plag. → sericite + chl. groundmass brit → chl.										
		- abundant 2ndary, m.g. black brit. (1-2%)			minor stockwork ± ser's	<1-2	var.	Py - carb. - rock flour ± chl ± Cp. ± hem.							
		- groundmass greenish-brown (alt'd)			Py >> Cp. - non-magnetic										
				at	209.8 m				568	209.4	212.4	331	4	<.3	4
					large veinlet ± abundant Cp + reddish orange hem. envelope - Cp in small discontinuous lenses.	1	40°	Qtz - Cp - Py - hem.							
		-													
				at	210.5 m										
					large Py veinlet intersecting	2	30°	Py - Qtz							
					large Dolomite veinlet, - angle of intersect. 25°	1-2	29°	Dol - Qtz							
		213.0 - 222.6 m			213.0 - 222.6 m				569	212.4	215.5	303	13	<.3	4
		light grey, f.g. - m.g., crowded + groundmass supported. - 50-80% f.g. - m.g. white-light green plag. lathes.			Propylytic / Weak Argillic plag. → albite + epid. minor kspar ~10% - groundmass brit. lightly alt'd to chl. - dark grey in areas.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
		213.0 - 222.6 m cont.			213.0 - 222.6 m cont.										
		· groundmass dark grey to greenish grey, aphanitic ~1%, mfg. black biot. books.			increase in stockwork	<1-2	var.	Qtz-carb-Py -Cp-hem							
					rich in sul's; Py ≥ Cp.										
					-minor disseam sul's,										
					mostly <1mm specks.										
									196570	215.5	218.5	527	17	<.3	10
				at	216.2 m				571	218.5	221.6	338	7	<.3	4
					30cm zone of more bleached										
					core w increased stockwork										
					+ sul's.										
					-large dolomite veinlet w	2	5	Dol/calc-mdy							
					thin hairline stringers			-hem-Py-Cpy							
					as offshoots - stringers parallel										
					each other + contain abundant										
					sul's; Cp > Py; stringers										
					intersect dol. vein @ 65°										
					- Dol. veinlet contains abundant										
					mdy as selvage in some places										
					- fspar adjacent to stringers	<1	15-20°	hem-Cp-Py							
					alt'd to bright green epidote										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 – 274.4 m cont.)													
		222.6 – 225.0 m			222.6 – 225.0 m				196572	221.6	224.0	767	25	<.3	8
		Fault			abundant Cp on broken				573	224.0	227.0	923	26	.3	8
		- coarse angular chunks			chunks + stockwork veins										
		from 2cm – 10cm.			of competent core										
		- few pieces of competent			~5% Cp, 2-4% Py.										
		core; 10-20 cm long.			- still Potassic alt'd as										
					described										
					Cp mostly fine disems.										
					but abundant irregular										
					blebs (2-5mm)										
		225.0 – 231.6 m													
		- Altered Andesite?			225.0 – 231.6 m			corrected for ⇒	574	224.0	226.8	989	127	.3	6
		core is dark grey, very f.g.			core is more competent ~			length - see next							
		to aphanitic.			only a few broken chunks			page for							
		very abundant f.g. black			but strongly fract'd			explanation.							
		biot. in groundmass (~5-10%)			appearance ~ densely spaced										
		- few plag. phenocrysts.			large stockwork veinlets	1-3	var.	Qtz – Cp – Py.							
		- V.C. schist + marked by			filled ~ Cp + Py.			± carb.							
		disappearance of phenocrysts			Cp > Py.										
		+ alignment of f.g. plag.			- many veinlets completely										
		phenos along contact. @			lined ~ Cp + minor Py.										
		60°-70° to C.A.			- core is magnetic but										
		L.C. also sharp + regular @			hem. mostly absent.										
		50°-60° to C.A. marked 0.5 cm			- abundant disem. f.g. Cp										
		wide zone of f.g. biot. + sudden appear. of plag. phenos.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
	*	Note: Due to the drillers		at	227.2 m				196575	226.8	229.5	4432	323	1.2	3
		error between 75.2 m + 78.3			10 cm long seam of dense, wk. like	<1	var.	Cp - Py - hem							
		where 10 feet of core is missing			stockwork zone ū high										
		the intervals from 75.2 m			sulph. concentration.										
		to 227 m are out by 3 m.			- sul's occur as major constit.										
		from 227 m to B.O.H. the			in fine stockworks ū Cp >> Py										
		drillers have corrected the													
		blocks for the correct length.		at	229.7 m				576	229.5	232.6	3460	142	1.3	13
		So, between 75.2 m + 227.0 m			40 cm long section of										
		subtract 3 m from distances			large stockworked veinlets	<1-2	var.	Qtz - Cp - Py							
		given to get the correct			ū high sulph. concentration.			± hem (mag)							
		length. This was not done on			; veinlets about entirely lined										
		the blocks in the core because it			ū sers; Cp > Py.										
		would cause too much confusion in sample													
		records, core + geotech. logs.			231.6 - 243.7 m				577	232.6	236.2	3612	277	1.1	2
					abundant Cp + lesser Py				578	236.2	239.9	646	24	<.3	5
		231.6 - 243.7 m			as fine dissem. + 3-3 mm				579	239.9	242.9	408	11	<.3	2
		Fault			irregular blebs coating				580	242.9	246.0	802	36	<.3	5
		Coarse, angular fragments			fractures										
		from 1 cm to 15 cm long.			- Potassic alt'd as described										
		- occasional piece of competent			- fragments show abundant										
		core not > 20 cm			fine stockwork like ū Cp	<1-2	var.	hem (mag) - Cp							
					+ Py	<1-2	var.	+ Py ± Chl.							

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Section from m	Section to m	ROCK DESCRIPTION (140.3 - 274.4 m cont.)	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
									196581	244.0	249.0	3250	239	.5	23
		245.5 - 256.0 m			245.5 - 256.0m										
		Dark grey, m.g., semi-crowded			Potassic										
		groundmass supported BFP ±			BFP has plag. altered to										
		abundant 2-10 cm mafic			white + grey kspar - a										
		xenoliths			few relatively fresh + vitreous										
		kspar ranges from f.g. to			± albite twinning on edges										
		C.g. but mostly m.g.,			dark grey, aphanitic										
		milky white to grey,			groundmass ± abundant										
		abundant grey kspar ±			biot. + kspar?										
		imperfect cleavage planes,			- xenoliths mostly biot +										
		vitreous lustre.			kspar. f.g. to aphanitic										
		- plag. mostly cream white			Sul's occur in fine stockwork	<1-1	var.	Qtz - calc. -							
		+ altered often ± albite			± Py ≥ Cp ± very fine			Cp/Py ± epid.							
		- rich zones showing twinning			dissemination + occasional			± bn							
		xenoliths are dark grey			large irregular blebs										
		to black, subangular to			around large veinlets										
		subrounded, f.g. to aphanitic			~2-5% Cp + 2-6% Py										
		± occasional m.g. plag. phens.			- core is non-magnetic										
		- xenos ~10-15% f.g. black			- occasional speck of moly < 1mm										
		biot. ± ~20-30% very f.g.			in Cp rich stockwork veinlets										
		white plag.? + mostly aphanitic			- epidote envelopes around a										
		grey mineral (kspar?)			few fine Cp-Py veinlets										
		- rock is very hard +													
		competent ± fracts. > 0.5 m													
		apart @ 35° - 60° to C.A.													
		often lined ± sul's, calc. ± epid.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
					249.3 - 249.6 m				196582	249.0	252.1	1530	61	.7	4
					core is light grey (slightly bleached) w/ no xenoliths + less biotite.										
					- contains ~1-2% fine disem Cp at edges										
					w/ little stockwork grading										
					to a 6 cm zone of abund.	<1	var.	Qtz - Calc - Cp							
					stockwork Cp veinlets +	stockwork		± Py							
					ending in middle w/ lge Calc/Cp	11-13	50°	Qtz - Calc. - Cp							
		anti-tanial			vein w/ 0.5 mm Moly/calcite	shale vein		- Moly ± Py							
		-			selvages, a 6 mm silica										
					envelope finally grading to										
					more pervasive epid. alt'n.										
					Cp occurs as a 3-4 mm wide	3-4	50°								
					mass filling ~¼ of the vein.										
					≥ 2% Cu over 30 cm										
					254.0 - 254.3 m				583	252.1	255.1	1758	90	.5	3
					core is bleached very light										
					grey - fspar ⇒ sericite ± epid.										
					- strongly fract'd over 15 cm										
					w/ fractures silica flooded										
					carrying mm size disem. blebs										
					of Py + Cp.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION cet.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)			(254.0 - 254.3 m cont.)										
					some large blebs from 0.5 - 2.0 cm.										
					Py > Cp ; 5% Py ; 1-2% Cp										
					≥ 0.5% Cu over 30 cm.										
					- weak pervasive epid. alt'n										
					near silica flood areas										
				at	255.7 m				M6584	255.1	258.2	566	52	.3	5
					large Py / dol ± anhydrite	15-20	45°	Py - Dol ± Cp							
					vein - filled 3-4 mm										
					wide massive subhedral										
					Py + pink dolomite),										
					7 mm wide silicic envelope										
					to light epid. pervasive										
					alt'n.										
					- increased Cp rich stockwork										
					around vein										
				at	260.0 m				585	258.2	261.2	942	28	<.3	4
					0.5 m long section of				586	261.2	263.7	842	70	<.3	6
					minimal potassic alt'n										
					containing abundant grey										
					stages + black fig. to mg										
					blebs.										
					- increase in stockwork	< 1	var.	Qtz - calc / dol - Cp - Py ± hem							
					carrying abund. sx's.										
					Cp > Py ≥ 0.3% Cu over 50 cm										
					- sx's fine diam.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
		264.8 - 268.1 m			264.8 - 268.1 m				196587	263.7	266.7	1188	22	.3	3
		Bleached; white fspar ± grayish brown Py, g. coarse - crowded, inequigranular, sug. to c.g. altd fspar, relict textures preserved			Advanced Argillic over first 40 cm strong epid. alt'n of fspar to pale green color - core is soft + crumbly										
		- brit. phases absent through middle 1.8 m of sec'n			for rest of sec'n fspar alt'd to sericite ± epid. groundmass alt'd to brownish gray mineral + clay.										
		-		=	- abundant gray stockwork ± minor sul's: Py > Cp	<1-1	var	Qtz - hem - Py - Cp							
		-		at	268.1 m				588	266.7	269.7	461	14.	<.3	3
					Argillic / Potassic contact										
					Contact sharp @ 5° to C.A.										
					marked by 2-3 mm mag/hem veinlet	2-3	5°	Mag (hem) - Cp ± Py							
					- a few specks of very f.g. Cp in veinlet										
				at	271.4 m										
					Cp / Mody / Py antitaxial vein - 2 mm Qtz envelope, ~0.5 mm calc. selvage ± middle filled by 1 mm thick irregular blebs + masses of Cp - Mody - Py	6-10	36°	Qtz - Cp / Mody - Py - calc.	589	269.7	273.4	482	11	<.3	16

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(140.3 - 274.4 m cont.)													
				at	275.0m										
					3cm x 5cm calcite filled veg containing large 5 - 8 mm irregular blebs of Cp + 1mm diam. Cp blebs. ~ edge of veg containing red hem specks.										
274.4	319.1	Biotite Feldspar Porphyry (Altered)	274.4	319.1	Propylytic to Advanced Argillic - dominantly Propylytic 5 a couple small <1.0m greenish gray secn's of Advanced Argillic alt'n.										
		Dark gray to greenish brown, m.g., groundmass saussuritized. ~15-20% m.g., lean corroded ambed - subhedral alt'd plag. phenos. - <1-2% m.g. black biot laaths.			- Propylytic - fspar ⇒ calcite + epid. ± albite? (vitreous + turbid)										
		- 5-10% f.g. (<1-m) black biot.			- minor stockwork in dark gray core; Su's mostly as fine diseem. specks + occasional large 2-5mm blebs Py > Cp ~ 1-2% Py; <1% Cp.										
		- groundmass greenish brown to dark gray f.g. to aphanitic biot + feldspar? with - much groundmass biot. alt'd light green.			- greenish gray secn above abundant stockwork ~ a few lge veinlets ~ abund. Su's; Cp > Py > Moly.										
		U.C. irregular + gradational over 1.1m													
		~ abundant veins of this uncrowded BFP flowing in above crowded Potassic alt'd BFP			~ 0.5-1.0% Cp + 1.0-2.0% Py + << 1% Moly over entire secn.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		(274.4 - 319.1 m cont.)						
		- over bottom 2 m of		at	274.8m			
		gradational V.C. the core			part of gradational V.C.			
		contains strong stockwork			- series of 2 dge stockwork			
		to weak breccia - cemented			Cp ± Moly ± calc. veinlets			
		by calcite + sul's.			spaced 8 mm apart.			
					- Cp as 0.5 - 1.0 mm diseam.	1-2	60°	Calc. - Cp - Moly
					blebs + 1.0 cm irregular	veinlet	1	- Py
					masses in veinlet 1			
					metallic blue-grey Moly	2-3	55°	Calc. - Cp Py
					as 1-2 mm irregular blebs	veinlet	2	± Moly.
					in veinlet 1			
					- veinlet 2 has no Moly			
		-			but a 3mm mass of Py			
					filling a 1/5 of the veinlet			
					+ a 2 mm mass of Cp filling			
					1/5 of veinlet. - calcite subed.			
					around Py.			
				at	275.8m			
					near middle of gradational			
					V.C. have 2 stockwork			
					Cp - calcite veinlets 2cm			
					apart.			
					in veinlet 1 Cp > Py ~	1	50°	Calc - Cp - Py
					Cp covering 1/3 of Surf. Area	veinlet	1	
					as a large irregular mass			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
196590	273.4	274.5	1053	27	.3	9
591	274.5	279.5	1591	37	.6	15
592	279.5	282.5	472	20	<.3	2

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(274.4 - 319.1 m cont.)													
				at	275.8 m cont.										
					veinlet 2 is 1mm wide Cp	1	45°	Cp ÷ Py ÷ Calc.							
					veinlet is Cp ÷ Py comprising										
					95% of veinlet surface as										
					1 continuous veneer.										
					- both veinlets occur in										
					xenolithic area where										
					Potassic BFP intruded this										
					Propylytic BFP.										
					282.7 - 283.4 m										
					Advanced Argillic										
		-			zone is greenish grey &										
					abund. hairline stockwork										
					+ 3 calcite veins										
					plag. → seric. + epid.										
					groundmass dust → chl.										
				at	283.2 m				196593	282.5	285.0	946	13	.4	20
					12cm long section & 3										
					en-echelon calcite veins										
					vein 1 is a sugary, white										
					+ grey banded 0.3 - 0.8 cm wide	5-8	55°	Calc. - Qtz							
					& no visible sulf's										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(274.4 - 319.1 m cont.)													
				at	283.2 m cont.										
		284.6 - 285.9 m			vein 2: 4 cm downhole	12-14	62°	Qtz (silica)	196594	285.0	287.4	1295	29	.4	13
		fault?			from vein 1; 1.2-1.4 cm wide			-Calc - Py -							
		- core is fractured into			antitaxial vein with 4-6 mm			epid. ± Cp							
		5-10 cm angular, jagged			wide grey silica envelope w										
		chunks + a few 5-10 cm			select euhedral plag. preserved										
		sections of competent core			in the envelope + center filled										
		bounded by fracts			w 1-2 mm wide calcite veinlet										
		fracts @ 35°-45° to CA.			+ 2-4 mm irregular Py blebs.										
		- 0.5-1.0% very fine disem.													
		sulf's as tiny specks scattered			vein 3: 8 cm downhole from	30-35	50°	Qtz (silica) -							
		throughout. Cp ≥ Py			vein 2, 3-3.5 cm wide			Calc / Py - epid.							
					antitaxial Qtz/calc. vein w			± Cp							
					a 3-6 mm pale green epid.										
					envelope, a 5-7 mm wide										
					silica selvage w grayish										
					green select plag. phenos										
					preserved + w middle filled										
					w a 5-11 mm irregular										
					calc. / Py veinlet. Py occurs										
					as 3-5 mm wide + 1.0-2.0 cm										
					long irregular masses separated										
					by 3-8 mm masses of white										
					+ pink calcite.										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(274.4 - 319.1 m cont.)													
		288.8 - 319.1 m		at	288.8 m				196595	297.4	290.4	475	4	<.3	34
		Core contains occasional			20 cm long vuggy / weak				596	290.4	294.7	1055	32	.3	9
		vuggy sections.			breccia seen.				597	294.7	297.7	642	15	<.3	10
		- vugs are irregular in			- very irregular in shape				598	297.7	300.8	1197	19	.4	7
		size + shape, ranging			w/ grey silica filling +										
		from 2 - 30cm + spaced			surrounding clasts of BFP										
		> 2.0m apart.			- this seem. contains minor										
		- all contain white to pink			carb. infill replacing										
		sparry calcite w/ 2-20mm			fspar in clasts; sul's										
		irregular blebs + masses			occur in these areas as										
		of sulphides.			large blebs w/ Py >> Cp.										
		- a few contain a grey			sul's ~ 1% of seem.										
		silica lining 3-8mm wide													
		followed by carb. + sulph.		at	301.4m				599	300.8	303.8	1145	47	.3	6
		infill			30 cm vug / Breccia seen.				600	303.8	306.9	2831	86	.9	36
					core is a mosaic of large										
					vugs lined w/ 1-2 mm										
					lining of grey silica +										
					filled w/ white to pink										
					sparry calcite										
					- abundant large (0.5-2.0cm)										
					angular Py/Cp blebs										
					floating in calcite cement.										
					Py > Cp. ~1% total sul's.										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(274.4 - 319.1 m cont.)													
				at	308.9 m				196601	306.9	309.9	1340	66	.4	6
					large Cp / calcite veg.				602	309.9	313.0	506	19	<.3	2
					the veg is 1 cm thick +				603	313.0	316.0	989	34	<.3	2
					4 cm wide + has a 1 mm										
					wide grey Qtz veinlet leading	1-3	35°	Qtz - Calc - Cp							
					into it			± Py							
					- the veg contains large										
					2-3 cm wide 0.3-0.5 cm										
					thick angular Cp blocks										
					cemented by sparry calcite										
					+ a 1 mm armour of crystalline										
					grey Qtz.										
		-			- the veinlet widens near to										
					the veg + contains a 2 mm wide										
					x 11 mm long Cp blob.										
	at	318.0 m		at	318.0 m				604	316.0	319.1	325	14	<.3	22
		60 cm long seam of			intermediate Argillic										
		Argillic alt'd BFP.			play → calc. (mins) + sericite										
		- core is light greenish-grey			(cores) + minor spid throughout										
		+ soft.			groundmass (wk), alt'd to										
		~ 20-30% P.p. - C.g., subhed.			clay + brown mineral										
		- subhedral, light green, alt'd			- abundant sul's: Py >> Cp	1-2	15°-35°	Calc. - Py - Qtz							
		plag. laths, ; - mostly m.g.			Py as thin irregular veinens			± Cp.							
		Q - 1% subrounded coarse grains.			coating fractures + subhedral										
		~ 1% m.g. black biot. books			grains in calcite veinlets -										
					- Cp as very fine disseminated specks << 1 mm										

Hole No. 97-107
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(274.4 - 319.1 m cont.)													
	at	319.1 m		at	319.1 m										
		- hole terminates in the			sul's as very fine <<1mm										
		above described Propylytic			disseminated specks.										
		B.F.P.			$Py > Cp$; $\leq 1\%$ $Py < 0.5\%$ Cp.										
	at	319.1 m (B.O.H.)													
		-													

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-1678 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196501	5	1262	6	54	.3	29	16	245	4.63	23	<5	<2	6	86	<.2	2	<2	94	1.59	.111	24	51	1.12	701	.11	<3	1.34	.05	.46	2	57
196502	4	599	<3	39	<.3	20	12	186	3.90	4	<5	<2	<2	70	<.2	<2	<2	77	1.43	.091	14	46	1.30	543	.15	<3	1.02	.09	.62	3	22
196503	6	1421	4	50	<.3	23	13	192	4.30	16	<5	<2	2	83	<.2	<2	<2	85	1.62	.096	19	50	1.36	547	.15	<3	.94	.05	.59	2	79
196504	15	1363	6	52	<.3	25	12	161	4.21	<2	<5	<2	2	571	<.2	<2	3	91	1.28	.092	12	50	1.42	375	.19	<3	1.16	.08	.77	2	69
196505	27	1484	7	88	<.3	28	13	320	3.94	25	5	<2	<2	135	.4	2	7	84	1.66	.102	17	51	1.18	364	.12	<3	1.12	.06	.49	2	48
196506	3	629	9	81	<.3	35	14	256	3.34	2	10	<2	7	1860	<.2	<2	4	94	1.81	.116	14	58	1.51	565	.18	<3	1.03	.07	.72	<2	32
196507	5	699	8	94	<.3	37	17	322	3.97	34	6	<2	5	740	<.2	2	7	89	1.98	.109	14	55	1.44	154	.15	<3	.95	.06	.56	<2	30
196508	12	2821	3	57	.3	37	16	256	4.19	7	<5	<2	4	619	<.2	<2	7	90	1.47	.096	12	72	1.60	309	.17	<3	1.18	.07	.85	2	94
196509	28	1953	5	62	<.3	47	17	254	3.76	96	<5	<2	7	182	.2	<2	2	94	2.56	.126	15	78	1.25	206	.07	<3	1.08	.04	.36	3	79
196510	8	963	3	49	<.3	44	14	212	3.37	14	<5	<2	4	435	<.2	<2	<2	101	2.20	.126	16	83	1.57	322	.15	<3	1.26	.06	.67	<2	48
196511	3	962	5	78	<.3	27	10	305	3.14	5	12	<2	6	2264	<.2	<2	4	76	1.29	.108	15	48	1.28	306	.17	<3	.93	.07	.66	<2	51
RE 196511	3	940	6	75	<.3	28	10	295	3.07	4	<5	<2	5	2224	.6	<2	6	74	1.26	.105	14	47	1.26	302	.17	<3	.91	.07	.64	<2	51
196512	2	302	14	159	<.3	27	10	1610	3.05	5	8	<2	5	1929	.3	3	<2	72	1.42	.106	13	45	1.13	390	.13	<3	.80	.07	.50	<2	17
196513	2	294	<3	40	<.3	27	11	233	2.63	<2	<5	<2	6	1286	<.2	<2	4	79	1.27	.105	14	49	1.06	303	.15	<3	.76	.08	.52	<2	11
196514	3	442	19	120	<.3	29	11	540	2.93	9	10	<2	4	752	<.2	5	5	79	1.47	.107	14	50	1.19	317	.14	<3	.79	.09	.51	3	38
196515	14	150	<3	51	<.3	32	12	315	2.94	<2	<5	<2	5	586	<.2	<2	11	83	1.43	.110	15	56	1.21	297	.14	<3	.83	.10	.47	<2	11
196516	2	340	<3	66	<.3	31	12	339	3.11	<2	11	<2	7	1430	<.2	<2	<2	90	1.53	.114	15	59	1.21	331	.15	<3	.91	.11	.49	3	12
196517	3	287	12	238	<.3	26	10	1416	2.91	<2	8	<2	5	746	.6	<2	2	73	1.56	.106	15	46	1.00	319	.10	<3	.70	.08	.40	2	9
196518	5	259	21	183	<.3	30	13	512	3.08	<2	<5	<2	3	520	.6	3	4	81	1.81	.112	17	50	1.19	441	.11	<3	.84	.08	.47	3	6
196519	3	302	7	120	<.3	28	12	666	3.00	3	6	<2	<2	219	.2	<2	<2	79	1.61	.109	16	49	1.14	343	.13	<3	.84	.07	.48	2	6
196520	2	172	11	150	<.3	29	13	793	3.35	6	6	<2	2	161	<.2	<2	2	78	1.93	.110	16	45	1.12	224	.08	<3	.85	.05	.33	5	3
196521	3	894	39	173	.3	30	14	868	3.06	34	<5	<2	2	137	<.2	3	6	77	2.08	.113	14	48	1.13	353	.08	<3	.94	.05	.33	5	36
196522	3	276	11	142	<.3	30	12	558	2.96	7	<5	<2	3	174	<.2	<2	<2	78	2.21	.112	16	46	1.07	572	.07	<3	.83	.05	.28	<2	11
196523	39	694	117	562	.4	25	13	1283	3.64	15	<5	<2	4	682	3.7	7	5	67	1.74	.116	15	39	1.08	313	.09	<3	.72	.08	.39	4	24
196524/196525	12	641	20	146	<.3	31	13	607	3.16	3	5	<2	5	1217	<.2	<2	4	80	1.78	.107	13	49	1.27	307	.12	<3	.83	.09	.48	<2	28
196526	3	562	19	312	<.3	26	11	2665	3.29	5	<5	<2	4	207	.6	3	<2	68	1.55	.110	15	41	1.02	231	.08	<3	.74	.06	.41	3	20
196527	6	458	19	374	.5	26	10	3659	3.58	13	7	<2	<2	139	.5	4	2	60	1.77	.109	16	37	1.11	511	.05	4	.78	.06	.38	<2	9
196528	3	441	16	311	.4	28	15	3520	3.93	27	<5	<2	4	109	.4	3	8	58	1.87	.109	14	35	.93	74	.01	<3	.90	.02	.20	2	11
196529	4	1609	23	252	.6	22	13	1068	4.56	10	<5	<2	2	115	<.2	4	2	52	1.53	.155	13	37	1.22	388	.12	<3	1.00	.07	.53	3	255
196530	11	1038	12	232	<.3	25	11	720	3.66	14	<5	<2	<2	111	<.2	<2	<2	68	1.70	.120	14	42	1.03	292	.07	<3	.79	.05	.33	2	64
196531	13	1223	24	205	<.3	29	12	943	3.16	20	<5	<2	4	104	.5	4	<2	77	1.60	.106	13	54	1.21	293	.13	<3	.88	.09	.55	2	56
196532	3	971	<3	77	.3	27	12	392	3.74	<2	<5	<2	5	123	<.2	<2	<2	76	1.46	.125	14	51	1.29	254	.17	<3	.92	.10	.58	5	59
196533	3	1874	7	69	.3	29	13	318	4.38	17	<5	<2	2	404	<.2	<2	<2	78	1.58	.133	12	52	1.19	204	.12	<3	.85	.09	.46	4	85
196534	3	4174	11	95	1.0	14	12	452	4.40	22	<5	<2	<2	164	<.2	<2	<2	31	1.60	.149	13	15	.80	118	.03	<3	.62	.06	.19	<2	203
196535	20	3403	6	54	.8	10	12	237	5.02	25	<5	<2	2	115	<.2	2	8	23	1.35	.132	13	12	.81	112	.05	<3	.55	.10	.23	4	151
STANDARD C3/AU-R	26	66	32	154	5.1	36	13	723	3.37	57	21	3	19	32	24.0	21	20	83	.62	.093	17	168	.67	150	.10	18	1.93	.04	.17	26	482

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P2 CORE CHIP P3 ROCK CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-107

DATE RECEIVED: APR 11 1997 DATE REPORT MAILED: April 22/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ____

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-1678

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196536	4	2070	10	93	.3	14	12	330	4.52	4	<5	<2	2	283	<.2	<2	10	33	1.41	.134	14	15	.87	110	.10	<3	.56	.08	.33	2	143
196537	4	2613	<3	100	.7	16	12	520	5.13	<2	<5	<2	6	571	<.2	<2	<2	43	1.44	.136	14	22	.80	135	.09	<3	.63	.09	.33	2	161
196538	3	2743	9	56	.5	15	10	235	4.04	<2	<5	<2	2	107	<.2	<2	<2	36	1.59	.126	16	18	.77	191	.05	<3	.47	.07	.17	4	211
196539	3	2874	6	88	.4	27	13	240	3.93	18	<5	<2	4	111	.2	<2	<2	77	1.62	.107	14	58	1.16	321	.11	<3	1.12	.04	.46	2	131
196540	2	417	5	97	<.3	26	11	389	2.99	<2	5	<2	5	116	.3	<2	2	79	1.63	.107	15	48	1.05	300	.11	<3	.84	.05	.38	<2	21
196541	2	1461	3	74	<.3	32	13	293	4.11	12	8	<2	4	144	<.2	<2	<2	92	1.63	.115	15	59	1.24	292	.13	<3	1.13	.06	.50	2	103
196542	2	2045	5	67	<.3	37	15	234	4.38	3	<5	<2	<2	137	<.2	<2	4	90	.93	.105	10	71	1.49	425	.21	<3	1.08	.06	.82	2	100
196543	2	3182	12	124	.7	19	14	493	5.46	22	7	<2	3	129	<.2	<2	7	47	1.34	.146	12	25	.85	250	.06	<3	.66	.07	.26	<2	194
196544	3	2771	10	156	.3	20	11	515	4.70	9	<5	<2	<2	103	<.2	<2	<2	54	.97	.121	10	32	.83	241	.07	<3	.68	.07	.31	5	105
196545	9	2133	8	62	.3	19	15	175	4.76	4	9	<2	3	131	<.2	<2	2	50	1.87	.123	10	27	.93	45	.03	<3	.65	.06	.21	5	118
196546	3	596	3	38	<.3	27	10	134	3.04	3	<5	<2	5	124	<.2	<2	<2	68	2.07	.077	8	44	.99	99	.04	<3	.95	.07	.27	3	14
196547	4	1598	5	48	<.3	25	9	158	3.02	40	<5	<2	3	203	<.2	<2	<2	68	2.71	.069	7	39	1.02	66	<.01	<3	.77	.05	.15	3	67
196548	36	847	<3	42	<.3	29	10	189	2.90	38	<5	<2	5	136	<.2	2	<2	67	2.42	.089	8	42	1.08	49	.03	<3	.96	.05	.21	<2	17
196549	37	543	6	86	<.3	25	9	729	2.84	39	<5	<2	3	122	.3	3	<2	63	2.74	.088	8	38	1.14	41	.02	<3	.92	.04	.23	2	25
196550	12	298	5	212	<.3	23	11	9123	5.79	38	<5	<2	<2	118	.3	5	<2	40	2.71	.086	5	25	1.35	57	<.01	<3	.81	.01	.31	2	12
196551	3	360	11	182	<.3	29	13	4852	4.13	7	7	<2	<2	164	.3	<2	10	62	2.09	.099	12	40	1.24	342	.06	<3	.78	.05	.41	<2	12
196552	3	317	8	147	<.3	28	11	2905	3.59	9	<5	<2	2	81	.2	<2	6	59	2.41	.103	13	39	1.14	362	.04	3	.77	.03	.33	2	9
RE 196552	3	314	7	146	<.3	27	11	2896	3.56	11	<5	<2	4	81	<.2	<2	13	59	2.41	.102	13	38	1.14	361	.04	<3	.76	.03	.33	3	11
196553	2	480	9	81	<.3	28	12	914	3.30	63	<5	<2	5	658	<.2	<2	<2	72	2.65	.101	13	46	1.22	253	.06	<3	.92	.04	.29	<2	20
196554	43	449	<3	49	<.3	29	12	393	2.82	<2	<5	<2	3	121	<.2	3	4	74	1.60	.101	13	53	1.17	235	.11	<3	.84	.09	.43	3	18
196555	2	366	<3	50	<.3	31	12	480	2.86	<2	7	<2	<2	89	.2	<2	<2	77	1.71	.103	13	53	1.19	273	.10	<3	.78	.08	.37	2	17
196556	4	460	<3	39	<.3	31	11	190	3.23	<2	14	<2	5	76	<.2	4	<2	79	1.48	.099	11	54	1.33	289	.13	3	.96	.06	.51	4	26
196557	4	494	<3	53	<.3	32	12	608	3.27	<2	<5	<2	2	110	.2	3	2	84	1.98	.111	14	55	1.27	308	.10	<3	.86	.07	.43	4	33
196558	2	1003	7	60	.5	32	14	664	3.37	<2	11	<2	3	120	<.2	3	<2	78	1.75	.106	13	51	1.13	295	.09	<3	.71	.07	.37	4	53
196559	2	303	9	75	<.3	30	12	854	3.04	<2	11	<2	3	111	<.2	<2	4	71	1.83	.102	13	46	1.06	274	.07	<3	.66	.07	.32	3	31
196560	7	578	7	51	.3	34	13	481	3.07	2	9	<2	5	901	<.2	2	6	81	1.66	.107	15	57	1.26	326	.12	<3	.89	.08	.48	3	35
196561	6	808	<3	39	<.3	33	13	225	3.15	<2	<5	<2	6	1752	<.2	<2	<2	87	1.37	.105	14	57	1.36	314	.18	<3	.97	.09	.68	<2	22
196562	6	1254	4	37	<.3	34	13	178	3.32	<2	12	<2	5	440	<.2	<2	<2	87	1.31	.107	14	55	1.19	408	.14	<3	.92	.08	.49	3	46
196563	12	567	<3	40	<.3	29	12	207	2.96	<2	<5	<2	7	1464	<.2	2	2	81	1.28	.104	12	56	1.10	281	.14	<3	.88	.12	.47	<2	9
196564	4	301	<3	40	<.3	31	12	274	3.07	<2	7	<2	5	2034	<.2	<2	7	83	1.46	.106	13	60	1.14	293	.13	<3	.76	.10	.44	<2	23
196565	2	475	<3	36	<.3	36	13	196	3.15	<2	8	<2	3	161	<.2	<2	3	91	1.46	.108	17	61	1.38	409	.19	<3	1.02	.10	.69	2	12
196566	3	459	3	37	<.3	35	14	223	3.86	<2	<5	<2	5	2519	<.2	6	7	95	1.29	.105	14	61	1.23	339	.16	<3	.88	.10	.59	<2	18
196567	4	873	4	38	<.3	28	12	234	3.22	2	<5	<2	6	124	<.2	5	<2	89	1.59	.111	15	51	1.09	398	.10	<3	.93	.08	.39	3	36
196568	4	331	3	41	<.3	27	11	285	2.89	<2	13	<2	5	135	<.2	<2	8	86	1.74	.114	17	50	.96	331	.08	<3	.77	.06	.29	2	4
196569	4	303	<3	43	<.3	29	11	200	2.87	<2	<5	<2	5	115	<.2	<2	<2	81	1.35	.105	13	50	1.17	352	.14	<3	.91	.08	.49	4	13
196570	10	527	<3	39	<.3	29	12	166	3.39	2	9	<2	4	98	.2	<2	5	86	1.53	.098	14	49	1.20	303	.14	<3	.94	.05	.47	2	17
STANDARD C3/AU-R	26	66	31	155	5.6	36	13	730	3.43	57	23	3	20	32	23.8	23	21	86	.63	.094	18	169	.68	152	.10	19	1.97	.04	.18	24	438

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-107

Date ____ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-1840 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196571	4	338	4	39	<.3	32	11	128	3.29	<2	<5	<2	5	978	.5	<2	<2	87	1.31	.109	16	57	1.57	255	.22	<3	1.19	.09	.83	2	7
196572	8	767	5	34	<.3	32	12	121	3.32	<2	<5	<2	5	902	.5	<2	<2	88	1.13	.110	17	59	1.58	233	.24	<3	1.29	.11	.95	3	25
196573	8	923	4	37	.3	35	13	151	3.44	5	<5	<2	6	121	.5	<2	<2	90	1.05	.115	19	66	1.65	211	.27	<3	1.25	.10	.97	2	26
196574	6	989	3	40	.3	34	13	155	4.34	4	<5	<2	5	182	.6	<2	2	93	.96	.116	15	63	1.57	235	.24	<3	1.13	.09	.85	2	127
196575	3	4432	<3	43	1.2	13	13	194	6.48	3	<5	<2	3	497	.8	<2	<2	31	.83	.175	15	11	1.09	107	.18	<3	.82	.11	.59	3	323
196576	13	3460	3	54	1.3	19	13	225	5.98	3	<5	<2	4	278	.5	<2	7	43	.85	.175	14	33	1.27	125	.21	<3	.94	.11	.68	3	142
196577	2	3612	4	53	1.1	25	14	245	5.77	2	<5	<2	3	549	.7	<2	<2	58	1.06	.152	15	51	1.48	177	.23	<3	1.12	.12	.87	3	277
196578	5	646	<3	41	<.3	32	11	195	4.53	<2	<5	<2	5	118	.6	2	<2	89	.87	.109	14	65	1.47	235	.20	<3	1.14	.12	.76	5	24
196579	2	408	<3	37	<.3	29	10	277	3.33	<2	<5	<2	5	428	.3	<2	2	82	1.18	.109	15	57	1.17	288	.16	<3	.92	.11	.52	3	11
196580	5	802	3	37	<.3	29	10	201	3.47	<2	<5	<2	5	236	.3	<2	<2	80	1.35	.103	14	55	1.25	269	.16	<3	1.00	.09	.63	3	36
196581	23	3250	7	40	.5	29	11	220	3.55	<2	<5	<2	5	291	.4	<2	2	80	1.41	.109	15	46	1.34	244	.17	<3	1.02	.07	.68	3	239
196582	4	1530	4	34	.7	34	11	179	3.20	2	<5	<2	5	1558	.3	3	<2	86	1.49	.115	18	58	1.56	446	.22	<3	1.15	.09	.82	3	61
196583	3	1758	4	35	.5	34	12	153	3.76	3	6	<2	6	228	.4	<2	<2	89	1.51	.115	17	54	1.52	441	.19	<3	1.11	.08	.70	3	90
196584	5	566	5	36	.3	36	17	306	4.01	<2	6	<2	5	209	.5	<2	<2	86	1.68	.123	17	57	1.33	305	.15	<3	.94	.08	.56	3	52
196585	4	942	3	36	<.3	33	13	279	3.89	4	<5	<2	5	503	.5	<2	4	90	1.43	.117	16	58	1.37	291	.16	<3	.98	.09	.58	3	28
196586	6	842	3	37	<.3	34	13	225	3.55	<2	<5	<2	5	461	.4	<2	<2	86	1.21	.110	14	66	1.35	336	.17	<3	1.02	.12	.58	3	70
196587	3	1188	5	36	.3	34	13	231	4.08	22	<5	<2	5	122	.4	<2	2	88	2.16	.125	15	54	1.36	289	.11	<3	1.40	.05	.42	2	22
196588	3	461	4	35	<.3	43	11	178	4.77	12	<5	<2	5	92	.4	2	<2	95	1.97	.127	15	65	1.55	286	.14	<3	1.38	.06	.57	4	14
196589	16	482	4	36	<.3	49	13	180	4.40	2	<5	<2	5	1706	.3	<2	2	96	1.77	.139	16	86	1.84	389	.19	<3	1.20	.08	.82	3	11
196590	9	1053	5	37	.3	47	11	198	4.98	3	<5	<2	5	1258	.4	<2	<2	97	1.74	.122	14	78	1.68	419	.15	<3	1.12	.07	.66	3	27
196591	15	1591	6	43	.6	57	16	260	4.04	3	<5	<2	6	703	.5	<2	2	96	3.68	.157	24	114	2.05	375	.09	<3	1.10	.05	.44	<2	37
196592	2	472	5	39	<.3	57	13	232	4.65	5	<5	<2	6	1059	.5	<2	<2	109	2.46	.164	19	119	2.06	1063	.20	<3	1.32	.08	.89	2	20
196593	20	946	4	42	.4	59	11	525	4.46	16	<5	<2	6	1992	.3	<2	2	96	2.52	.152	17	100	1.96	244	.14	<3	1.26	.05	.69	2	13
196594	12	1295	4	42	.4	68	13	153	4.76	5	<5	<2	5	1388	.5	2	<2	106	2.21	.162	20	114	2.30	286	.24	<3	1.35	.07	1.07	3	28
RE 196594	13	1267	<3	42	.3	68	13	149	4.71	3	<5	<2	5	1369	.4	<2	2	104	2.18	.158	19	113	2.28	282	.24	<3	1.34	.08	1.05	2	29
196595	34	475	5	42	<.3	65	15	175	4.72	<2	<5	<2	5	858	.4	<2	<2	104	2.20	.168	20	111	2.15	323	.20	<3	1.28	.07	.93	2	4
196596	9	1055	5	39	.3	68	13	174	5.25	4	<5	<2	5	114	.4	<2	4	117	1.93	.168	21	110	1.80	270	.16	<3	1.17	.05	.74	2	32
196597	10	642	4	40	<.3	59	12	166	4.40	2	5	<2	6	117	.2	2	<2	109	2.47	.158	25	110	2.02	292	.17	<3	1.31	.06	.81	2	15
196598	7	1197	3	38	.4	87	18	165	4.82	3	<5	<2	5	1043	.4	<2	<2	116	2.09	.152	19	105	1.89	286	.17	<3	1.26	.06	.78	3	19
196599	6	1145	6	39	.3	75	21	167	4.93	4	<5	<2	6	102	.3	<2	2	115	2.83	.151	26	104	2.15	247	.16	<3	1.23	.06	.77	2	47
196600	36	2831	5	38	.9	74	16	153	4.48	4	<5	<2	5	214	.3	2	<2	107	2.26	.162	19	114	1.99	281	.17	<3	1.20	.07	.80	2	86
196601	6	1340	<3	34	.4	64	14	144	4.09	<2	<5	<2	5	1363	.3	<2	<2	93	2.37	.148	17	103	1.82	236	.13	<3	1.19	.07	.67	2	66
196602	2	506	4	35	<.3	63	16	143	4.13	2	<5	<2	5	933	<.2	<2	<2	103	2.18	.150	17	103	2.03	317	.19	<3	1.19	.07	.86	3	19
196603	2	989	6	45	<.3	65	15	309	4.06	<2	<5	<2	5	1562	.3	<2	<2	94	2.46	.147	15	94	1.94	328	.14	<3	1.07	.06	.69	<2	34
196604	22	325	5	56	<.3	58	13	384	3.83	2	<5	<2	4	82	.2	<2	2	89	3.03	.146	17	90	1.85	107	.09	<3	.96	.05	.47	2	14
STANDARD C3/AU-R	24	69	36	155	5.7	35	11	731	3.51	55	18	<2	19	33	22.6	14	20	81	.62	.094	17	166	.68	152	.10	20	1.90	.04	.16	17	532

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-107

DATE RECEIVED: APR 23 1997 DATE REPORT MAILED: Apr/ 30/97 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Date ___ FA ___

Hole No 97-108
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AC #'s: 97-1840 97-2024
97-1908

Location: 10, 119W; 9930S	BOOKER GOLD EXPLORATIONS LTD.			Hole No DDH97-108	
Azimuth: 90° N/A	Dips - collar	-90 °	Contractor: J.T. Thomas	Property Hearne Hill	
Elevation:	. m	°	Logged by: D.M.	Claim No. Hearne	
Length: 319.1m (1047')	. m	°	Date: April 16/97	Section No.	
Core size: NQ	. m	°		Started: April 13/97	
Purpose: Intersect Cu-highs in core from DDH96-73 at depth.				Completed: April 23/97	

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	3.6	casing, no core													
	12'	-logged after split.													
3.6	490	BFP, several diff.	3.6	7.0	strong FeOx, pt	1-2	varies	carb-fpy	196605	4.8	7.0	1275	23	.8	36
(12')		phases; usually m.g.	(12')		f.g. blebs throughout			± cp.	606	7.0	10.0	468	6	<.3	20
		Int. Argillic alt'n			-epid, sericite										
		-biot. flakes			-biot < 5% present										
		-small interlocking													
		-fractures few 45° to c.A.	7.0	15.6	Weak Argillic										
		>0.5m apart.			med. dark, biot. more										
		3.6-7.0m			abundant										
		rubbly, fractured.			-epid-seric in										
		-fractures close to			fspars.										
		parallel to c.A.			-cp f.g. diss.										
					throughout and										
		7.0-15.6m			veinlets along some				607	10.0	14.3	1538	17	.3	56
		-euhedral fspar <<0.5m.			veinlets (<0.5% Cu)				608	14.3	17.3	655	6	<.3	48
					-hem coatings in										
					veinlets.										

Hole No. 97-108
Page 2 of 12

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		15.6-49.0m	15.6	49.0	Intermediate/Advanced Argillic	1-10	0-60°	carb-py
		-lighter colour, less competent			-strong Sericitepid.			Hem(mag)
		-biot. less abundant			-minor chlorit. ground			chl ± cp.
		-magnetic, more			mineralized areas			
		veinlets (thin) interbding			-some FeOx along			
		a sharp angles.			fractures.			
		-softer 4-5 hardness			-carb (sparry calcite)			
		- fractures. 20° to			infillings of interlocking			
		C.A.			veinlets surrounded			
					by hem. coatings.			
					-cp<=1%			
					cp ≈ py, f.g. dis.			
		-						
49.0	18.9	Rhyodacite/Andesitic	49.0	72.5	Phyllic/Advanced			
		Hornfels			Argillic in rhyodacite			
		-areas of BFP xenoliths			- hem (mag) in veinlets			
		throughout entire seq.			-carb (calcite) in large			
		- numerous, veinlets interlocking			cavities + veinlets.			
		-many areas soft,			-cp > Py, cp in			
		rockflour.			small veinlets.			
		-some qtz throughout			cp <0.5%			
		-major veinlets parallel			-some			
		to C.A.						
		-few small openings						
		+ cavities						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
609	17.3	20.4	369	4	<.3	400
610	20.4	23.4	1309	23	.4	110
611	23.4	26.3	1297	20	<.3	112
612	26.3	29.5	360	2	<.3	87
613	29.5	32.6	457	4	<.3	114
614	32.6	35.6	322	3	<.3	95
615	35.6	38.7	1212	22	.3	35
616	38.7	41.7	419	9	<.3	21
617	41.7	44.8	727	19	.3	114
618	44.8	47.8	1085	18	.3	126
619	47.8	50.9	2194	11	.5	137
620	50.9	53.9	210	2	<.3	128
621	53.9	56.9	644	3	<.3	7

Hole No. 97-108
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		49.0 - 72.5 m.						
		- rubbly in a few areas., veinlets abundant						
		72.5 - 82.5 m	72.5	82.5	potassic/phyllic 2ndary biot			
		darker more siliceous harder, andesitic hornfels			- Cp more f.g. diss. then (mag)			
		- fewer veinlets.			- few areas of musc/wit			
					- Cp < 0.5%			
		82.5 - 84.4 m						
		BFP dike Int.						
		Argillic Alt'n.						
		- veinlets of Cp + Mo						
		-						
		82.5 - 111.0 m.	82.5	181.9	Potassic/Phyllic Alt'n	1-10	0-15°	carb-py-hem(mag) ± cp
		- dark mainly (andesitic hornfels) with lighter areas of rhyodacite			abundant f.g. 2ndary biot py > Cp			
		veinlets mostly parallel to C.A.			- py in large veinlets as cubes.			
		- very magnetic			- Cp f.g. diss + irregular blebs in large veinlets: Cp ≤ 0.5%			
		- fragmental stockwork.						
		frag. supp. V. ang.			102.3 - 105.9 m			
					increase in Cp in veinlets Cp 1-1.5%			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
622	56.9	60.0	16	1	<.3	3
623	60.0	63.0	290	6	<.3	3
624	63.0	66.1	708	8	<.3	9
625	66.1	69.2	1084	16	.4	4
626	69.2	72.0	720	18	.4	5
627	72.0	75.3	2082	44	.8	14
628	75.3	78.3	3358	75	1.0	33
629	78.3	81.4	1528	44	.5	27
630	81.4	84.4	4679	92	1.1	494
631	84.4	87.5	1119	30.	.3	17
632	87.5	90.5	2552	39	1.0	9
633	90.5	93.6	1580	34	.5	12
634	93.6	96.6	1597	14	.8	4
635	96.6	99.7	3464	66	1.0	9
636	99.7	102.7	1142	16	.8	4
637	102.7	105.8	5330	1376	4.6	12
638	105.8	108.8	3114	214	1.1	17
639	108.8	111.8	2335	81	.6	9

Hole No. 97-108
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		111.0 - 111.4 m.													
		- mafic, fg. dike													
		x-cut core axis looks													
		like intense potassic													
		alt'n.													
									640	111.8	114.9	2401	109	.4	19
		111.4 - 116.6 m							641	114.9	119.9	1644	65	.3	27
		Andesitic Hornfels													
		- magnetic, weakly, lots													
		of interlocking veinlets													
		116.6 T. 119.2 m.	1.		116.6 - 119.2				642	117.9	121.0	3711	290	.7	30
		BFP xenoliths w			Int. Argillic alt'n of				643	121.0	124.0	2618	140	.3	72.
		30% of ANDESITIC HORNFELS			BFP and potassic/										
					phyllic alt'n of AND										
		119.2 - 146.4 m.			Hornfels.				644	124.0	126.9	1687	70	.5	24
		Andesitic hornfels							645	126.9	129.9	2106	88	.5	51
		- med. grey colour w			119.2 - 146.4 m.	1-5	various	carb (qtz?)	646	129.9	133.1	2320	90	.5	40
		a few lighter areas			strong potassic in			- hem (neg)	647	133.1	136.2	2133	156	.5	31
		- carb. cement w			darker areas.			± sp ± py.	648	136.2	139.2	3383	99	.6	8
		veinlets x-cutting core axis			- some larger cavities				649	139.2	142.3	2596	146	.3	4
		@ several sharp angles.			of carb. (calcite)				650	142.3	145.3	2180	85	.3	19
		- few small areas of			w brown carb. in centre										
		BFP x-cut ca. <30cm			(siderite/dolomite).										
		- some areas rubbly			- py increases in some areas										
		- larger veinlets parallel to alt.			@ ~1% fg. diss. ± py										

Hole No. 97-108
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		146.4 - 158.2 m.			146.2 - 181.9 m	1-3	0-30	hem (mag) ± carb ± cp ± py.	651	145.3	149.7	3909	144	.5	18
		Shatted, fractured,			hem staining on fractures				652	149.7	151.5	4541	154	1.0	11
		rubbly, probably a			strong, potassic alt'n				653	151.5	155.1	1419	87	.3	7
		large fault.			lots of dark biot +				654	155.1	157.6	4268	241	.6	8
		- pieces < 5cm dia.			brown (hbld alt'd).										
		throughout													
		- fractures @ various													
		angles w a large amt.													
		parallel to C.A.													
		- magnetic veinlets.													
		158.2 - 162.1 m.							655	157.6	160.0	1624	81	.4	14
		- competent rock, w							656	160.0	163.1	3719	125	.8	35
		a few larger fsper													
		xtals /													
		- veinlets large visually													
		parallel to C.A. w													
		qtz + carb, giving													
		a lineation to core.													
		- smaller veinlets interlacing													
		throughout core.													
		162.1 - 168.7 m							657	163.1	166.7	1586	100	.6	12
		Fractured, pieces							658	166.7	169.7	1049	36	.3	6
		< 10cm dia, v. ang.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		168.9-170.9 m. fractured, fractures mainly parallel to C.A., siliceous, hard pieces <15cm.							659	169.7	174.0	2044	82	<.3	10
		170.9-181.9 m. few fractures <20cm apart, magnetic strongly -veinlets							660	174.0	176.4	1330	109	<.3	7
									661	176.4	178.9	2385	140	.5	20
									662	178.9	181.9	3706	109	.5	26
181.9	184.6	BFP -med.g. light -fractures consistent @ 25° to C.A. <5cm apart. -hard, biot books dark & fresh. -few veinlets parallel to fractures -hardness 5-6. -Fspars 60% volum. -some secondary biot, Sig.	181.7	184.6	weak Argillic -seric, epid in Fspars -chl on fracture sfc. -Cp as smears on on fracture sfc.				663	181.9	184.4	1538	76	.3	22
									664	184.4	186.5	2411	148	.3	5

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
184.6	201.6	Andesitic Hornfels (Logged before split).	184.6	201.6	Potassic alt'n mainly → secondary biot.			mag(hem)-carb	665	186.5	189.2	2205	112	.5	5
		-f.g., siliceous, hardness 5			-cp+Py on fract as blebs, irregular <5mm			±py±cp	666	189.2	190.5	1028	48	<.3	4
		-few small open cavaties cemented by carb, mag.(hem-coatings)			-Py more evident as veneers on fract.				667	190.5	193.2	2308	74	.3	4
		· numerous veinlets			-f.g. mag in open cavaties.										
		-fracture at several angle, stockwork.			-cp < 1%, cp ≈ py.										
		195.5 - 201.6 m intense fracturing -throughout, pieces < 5 cm dia., angular frags.							668	193.2	195.6	1827	85	.3	7
									669	195.6	198.4	1799	72	<.3	8
									670	198.4	200.5	1711	.75	<.3	5
201.6	214.2	BFP, dark m.g. abundant dark biot +f.g. hbld, some secondary f.g. dark biot.	201.6	214.2	Intermediate argillic -seric + weak epid in fspars.			mag(hem) -carb-cp±py	671	202.6	205.7	2233	93	<.3	4
									672	202.6	205.7	2923	193	<.3	4
					- mag(hem) in veinlet coatings f.g. ∞ cp-Py				673	205.7	208.7	2756	132	<.3	6
									674	208.7	212.4	1507	59	.3	25
		-fractured intensely pieces < 5-10 cm dia.							675	212.4	215.5	1183	37	<.3	5
		-fspars = 50% vol. anhedral xtals < 4mm.			- cp as f.g. diss., abundant; cp ≈ 1% cp > Py.										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		212.4-214.2m													
		-open cavaties evident in core, crowded BFP texture													
		-cavaties filled w carb. tpy, weak fragmental texture w frags. of Andesitic Hornfels													
		Fractures 30° to C.A. < 30cm apart.													
214.2	220.6	Andesitic Hornfels	214.2	220.6	Potassic Strong	0-2	various usually 30-45°	carb, mag/hem ± ep ± py	1676	215.5	217.6	3497	121	<.3	5
		-F.g, dark, siliceous			biot, dark f.g.				1677	217.6	220.1	4372	323	.3	3
		-hard, fractured throughout			-mag (hem)				1678	220.1	223.1	2497	108	<.3	3
		-some areas very rubbly			-cp f.g. irregular blebs in fractures and diss. throughout										
		-fractures 30-45° to C.A.			-cp ~<1% ; py ~ ep., py as bnrs on fractures.										
		-few xenoliths of BFP texture.													
		-magnetic veinlets													
		-lighter areas of Kspar													
		-veinlets interlocking and offset throughout													
		-stockwork													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		219.6 - 221.9 m,													
		rubbly, very fractured													
		pieces ≤ 5cm dia.													
		(faulted strongly).													
220.6	261.6	BFP.	220.6	239.1	Potassic Alt'n	1-4	various	carb-(qtz)	679	223.1	226.2	2533	152	.3	4
		- very dark 7-60%			- abundant biot f.g			- mag (chem.)	680	226.2	228.6	2465	176	.4	3
		mafic minerals.			throughout.			tlp ± Py	681	228.6	231.6	1795	90	<.3	3
		- fractures throughout			- fspars sericitized				682	231.6	233.5	2647	154	<.3	3
		- less fractured after			to white masses				683	233.5	235.0	1294	45	.8	8
		221.9m.			- Py more abundant				684	235.0	238.0	1979	96	<.3	3
		- fspars anhedral			than previous as thick										
		shape ≤ 4mm dia.			masses + smears w/ cp										
		biot, f.g. throughout			- Cp very f.g. diss.										
		core.			porphyry system										
		- veinlets close to			throughout										
		parallel to C.A.			- mag in veinlets surrounded										
		- fractures 0-30° to			by chem. carb.										
		C.A. coated w/			- Cp ≤ 1% · Py ≥ 1%										
		sulfides			- few lighter arbes of										
		- mag. f.g. in small			of crowded fspars										
		openings.			less Cp.										
		- fspar ≈ 30% rock													
		volume.			233.2 - 235.5 m										
					light, int. Argillic alt'n										
					Cp decreased, Py increase										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
			239.1	261.6	Moderate Argillic Alt'n	1-2	various	carb-qtz ± py ± cp ± mag	685	238.0	239.8	1681	96	<.3	1
					Fspars bleached-seric ± epid				686	239.8	248.9	2289	166	1.0	2
		248.5 - 263.2 m			- relict biot throughout, some bleached areas				687	248.9	245.0	2186	111	1.7	3
		- rubbly, broken up angular pieces of core, (fault).			very little.				688	245.0	248.1	1621	133	1.5	3
					- mag in darker areas & fg. faceted.				689	248.1	251.1	2025	221	<.3	3
		Fractures @ a low angle to C.A. (10-30°).			- few areas fg. 2ndary biot.				690	251.1	254.5	1280	89	<.3	4
									691	254.5	257.5	1805	98	<.3	3
									692	257.5	260.6	1321	60	<.3	3
									693	260.6	263.0	2473	99	<.3	2
2616	2762	Andesitic Hornfels w/ few secins of Rhyodacite (bleached) - fg., siliceous, hard - 2ndary biot in darker areas - mod. - strongly magnetic throughout - darker areas contain more fg. magnetite - abundant wispy interlacing veinlets, criss-crossed throughout. - stockwork	261.6	266.3	Potassic Alt'n, dark fg. siliceous Cp more abundant w/ py in darker areas - Cp, irreg. blebs + diss. throughout - carb. cement Cp > Py Cp ≤ 1%	1-2	<30°	carb-mag (hem) ± Cp ± py ± Chl.	694	263.0	265.7	2082	106	<.3	3
									695	265.7	268.8	2771	195	.3	2
									696	268.8	271.8	2711	150	.3	6
									697	271.8	273.4	2648	148	.4	2
			266.3	268.0	Phyllic Alt'd (Rhyodacite) - strong seric, bleached										
			268.0	273.4	Potassic / dark fg. biot mag more abundant										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
			273.4	276.2	Phyllic Alt'd.				698	273.4	276.4	2549	113	.3	3
					bleached Cp depleted										
					softer than darker										
					areas, less siliceous.										
276.2	283.5	BFP	276.2	283.5	Int. Argillic	1-2		Qurh- mag(hem)	699	276.4	279.5	2667	110	.4	7
		-crowded. texture,			-Espars → seric-tepid			±py ±Cp	700	279.5	282.5	1859	160	.8	3
		med. grey to bleached			-epid strongest at										
		to biot			limits of unit.										
		- few fractures, >30cm			- mag(hem) in veinlets										
		apart.			- Cp barely visible										
		-some areas soft, mush			to Py as disk. material										
		-ends of unit are			-uneven distribution										
		-bleached more than			of su's.										
		in middle of units													
		- med. grained													
		-euhedral to anhedral													
		shapes, interlocking													
		Espar >60% total,													
		-fewer veinlets, not													
		abundant, very													
		thin.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
283.5	292.7	Andesitic Hornfels	283.5	292.7	Potassic / weak Phyllic	1-3		carb(calc)-mag-py	701	282.5	284.9	2121	151	.5	3
		- f.g., siliceous in areas			in lighter areas			(hem) ± cp	702	284.9	288.0	4007	270	.7	3
		- magnetic, in blebs and			abundant biot.			± py	703	288.0	291.0	2972	494	.9	3
		veinlets, stockwork			-mag. in veinlets coated				704	291.0	294.1	2007	128	.6	6
		- red-grey to bleached			w hem.										
		in areas.			-Cp f.g. diss. and as										
		- few fractures (~30 magnet)			stringers in veinlets										
		- veins (larger ores			x-cutting each other										
		parallel to C.A.)			- cp > py cp < 1%										
292.7	319.1	BFP, several phases	292.7	319.1	Int. Argillic / weak Argillic	1	varies	carb. (calcite)	705	294.1	297.1	1336	62	< .3	5
		of BFP, d.ff. x/l			- few bleached areas			± cp ± py	706	297.1	300.2	1981	72	< .3	6
		size + shape			strong alt'n				707	300.2	303.2	1485	110	.5	3
		= Sower areas v. dark			- carb (calcite) along				708	303.2	306.3	1524	101	< .3	3
		w few small < 2mm dia.			fractures				709	306.3	309.6	998	63.	.3	3
		fspars, few areas			- serie of fspars, few				710	309.6	312.7	1272	60	< .3	3
		clouded fspar texture			small grains of 2ndary				711	312.7	315.7	2136	112	.3	4
		- Sul's diminish over			biot.				712	315.7	319.1	2295	52	.4	11
		last 10m.			- cp + py f.g. diss.										
		- few very fine veinlets			porphyritic system										
		not abundant			cp < .5,										
		- few fractures, very			cp w py.										
		competent; some			- small blg. grains irregular										
		fractures 10° to C.A.			shape.										
		- weakly magnetic			- mag. as v. f.g. xtals										
	319.1	B.O.H.			dispersed throughout BFP										

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196605	36	1275	13	169	.8	23	7	1183	2.82	36	<5	<2	2	104	.4	<2	3	48	2.56	.068	7	25	1.00	66	.01	4	.70	.03	.21	<2	23
196606	20	468	9	73	<.3	21	7	341	2.29	7	8	<2	2	115	<.2	<2	2	57	2.45	.082	9	28	1.12	247	.02	4	.80	.05	.24	2	6
196607	56	1538	9	62	.3	23	7	255	2.87	4	<5	<2	3	151	<.2	<2	3	69	2.05	.083	10	37	1.12	432	.05	4	.83	.05	.31	2	17
196608	48	655	8	79	<.3	21	6	297	4.20	<2	<5	<2	3	152	.2	<2	<2	68	2.08	.087	13	38	1.26	1152	.04	4	.89	.05	.32	2	6
196609	400	369	13	222	<.3	28	6	1102	5.43	27	<5	<2	2	108	.3	<2	<2	74	2.44	.140	10	36	1.37	274	.01	5	.71	.04	.23	3	4
196610	110	1309	26	199	.4	25	6	802	3.40	47	<5	<2	2	97	.3	6	<2	57	2.39	.089	11	31	1.28	275	.02	5	1.04	.03	.25	<2	23
196611	112	1297	12	78	<.3	28	8	358	3.07	29	<5	<2	2	70	<.2	<2	2	62	2.20	.083	9	32	1.20	117	.01	3	.86	.03	.21	2	20
196612	87	360	6	70	<.3	20	5	355	3.39	<2	<5	<2	3	68	<.2	<2	4	63	2.39	.083	13	32	1.22	115	.01	4	.82	.04	.21	2	2
196613	114	457	6	70	<.3	18	5	426	3.17	<2	<5	<2	3	75	<.2	<2	<2	59	2.27	.089	11	33	1.05	216	.01	3	.78	.03	.20	2	4
196614	95	322	8	90	<.3	22	5	368	3.46	2	<5	<2	3	94	.2	<2	2	69	2.46	.117	11	36	1.19	334	.02	4	.86	.04	.25	2	3
196615	35	1212	8	69	.3	28	7	269	3.07	<2	<5	<2	4	84	<.2	2	<2	71	2.24	.099	11	40	1.23	175	.03	3	.82	.05	.25	2	22
196616	21	414	12	82	<.3	25	25	237	3.01	5	<5	<2	3	113	<.2	<2	4	63	2.12	.097	10	34	1.21	160	.04	4	.80	.05	.28	2	9
196617	114	727	42	258	.3	26	7	990	3.39	4	<5	<2	2	143	.3	3	<2	55	2.65	.078	9	31	1.40	524	.03	5	.76	.04	.28	2	19
196618	126	1085	16	231	.3	26	8	1427	3.36	16	<5	<2	3	135	.3	3	<2	51	2.59	.087	9	34	1.25	370	.01	4	.64	.04	.21	<2	18
196619	137	2194	11	179	.5	24	6	2406	4.06	31	<5	<2	3	124	.4	4	<2	38	2.93	.103	9	30	1.31	146	.01	4	.57	.04	.20	2	11
196620	128	210	8	140	<.3	16	4	4266	3.16	6	<5	<2	3	80	<.2	<2	<2	24	1.73	.082	8	21	.92	737	<.01	5	.64	.03	.29	2	2
196621	7	644	8	225	<.3	17	4	5190	4.43	19	<5	<2	3	100	.4	<2	<2	31	3.04	.077	7	31	1.37	452	<.01	4	.59	.01	.25	<2	3
196622	3	16	<3	141	<.3	12	4	11683	4.96	9	<5	<2	<2	38	<.2	<2	<2	13	.69	.046	5	14	.53	457	<.01	4	.64	<.01	.28	<2	1
196623	3	290	4	214	<.3	16	4	6112	4.80	7	<5	<2	2	110	.4	<2	<2	26	2.82	.095	7	23	1.28	593	<.01	4	.63	.02	.24	<2	6
196624	8	708	6	172	<.3	13	4	4312	5.28	4	5	<2	3	115	.4	2	<2	23	2.36	.247	11	13	1.12	734	.01	6	.75	.05	.27	3	8
RE 196624	9	697	6	168	.3	11	4	4218	5.17	3	<5	<2	3	114	.3	<2	<2	23	2.32	.244	10	12	1.10	718	.01	6	.73	.05	.26	3	6
196625	4	1084	14	74	.4	13	4	476	5.78	12	<5	<2	2	55	.2	2	<2	29	1.99	.206	8	8	1.01	267	.01	<3	.46	.06	.15	3	16
196626	5	720	12	80	.4	15	5	882	6.09	4	<5	<2	2	61	.3	<2	<2	42	1.85	.189	9	12	.92	322	.02	4	.61	.08	.19	4	18
196627	14	2082	12	85	.8	10	6	531	5.44	5	<5	<2	2	68	<.2	2	3	30	1.45	.227	11	10	.80	132	.03	<3	.54	.08	.19	3	44
196628	33	3358	7	54	1.0	6	9	383	4.82	2	7	<2	3	81	.2	<2	5	18	1.46	.178	11	11	.90	96	.03	<3	.55	.08	.18	2	75
196629	27	1528	5	49	.5	7	6	410	4.94	<2	<5	<2	3	82	<.2	<2	2	19	1.18	.172	12	9	.93	121	.06	<3	.45	.07	.22	2	44
196630	494	4679	8	47	1.1	12	7	255	4.05	8	<5	<2	4	87	<.2	2	<2	44	1.73	.125	12	34	1.28	224	.10	<3	.84	.08	.43	4	92
196631	17	1119	6	46	.3	9	6	280	4.75	3	<5	<2	4	84	.2	<2	<2	24	1.20	.185	12	13	1.04	113	.08	<3	.67	.10	.35	4	30
196632	9	2552	7	46	1.0	7	10	278	5.24	<2	<5	<2	4	66	.2	<2	<2	24	1.36	.190	12	10	1.05	154	.07	<3	.62	.09	.34	3	39
196633	12	1580	9	49	.5	8	11	329	5.53	2	<5	<2	4	64	<.2	<2	<2	20	1.12	.188	13	13	.91	130	.08	<3	.63	.10	.33	5	34
196634	4	1597	6	53	.8	13	13	588	7.21	3	<5	<2	3	160	<.2	<2	<2	37	1.83	.210	9	12	.92	20	.03	<3	.58	.10	.24	4	14
STANDARD C3/AU-R	25	68	37	154	5.6	36	11	734	3.48	55	20	<2	19	29	22.6	14	20	80	.61	.094	18	162	.66	150	.10	19	1.87	.04	.15	18	505

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-108

Data: 1 FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

All DDH 97-108

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-1908 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196635	9	3464	10	87	1.0	12	7	3308	8.31	3	<5	<2	<2	495	.2	<2	<2	40	2.41	.178	11	10	1.14	129	.03	<3	.51	.13	.24	<2	66
196636	4	1142	10	72	.8	9	5	1717	7.42	5	<5	<2	3	74	<.2	<2	4	33	1.63	.178	12	8	.88	211	.05	<3	.48	.07	.27	<2	16
196637	12	5330	7	72	4.6	9	6	731	7.43	<2	<5	<2	<2	65	<.2	<2	<2	31	1.57	.170	13	6	1.03	173	.09	<3	.61	.11	.37	<2	1376
196638	17	3114	5	61	1.1	7	16	401	6.73	3	<5	<2	2	58	<.2	<2	4	21	1.16	.188	14	15	.96	138	.12	<3	.71	.11	.45	3	214
196639	9	2335	5	60	.6	12	11	337	6.25	<2	5	<2	<2	87	<.2	<2	3	32	1.08	.219	19	31	1.20	148	.16	<3	.81	.11	.60	<2	81
196640	19	2401	5	49	.4	9	9	373	5.95	<2	<5	<2	<2	66	<.2	<2	5	19	.90	.181	20	16	.98	142	.13	<3	.68	.11	.46	2	109
196641	27	1644	6	53	.3	7	7	282	6.02	2	<5	<2	<2	56	.3	<2	<2	22	1.06	.168	17	13	1.07	101	.12	<3	.70	.10	.48	2	65
196642	30	3711	6	50	.7	8	14	259	5.63	3	<5	<2	<2	56	<.2	<2	<2	20	.93	.162	17	13	1.05	138	.14	<3	.69	.09	.51	<2	290
196643	72	2618	4	53	.3	6	12	303	6.26	2	<5	<2	<2	69	<.2	<2	7	17	.91	.172	15	9	1.00	126	.15	<3	.72	.11	.54	2	140
196644	24	1687	3	48	.5	10	10	272	5.97	<2	<5	<2	<2	51	<.2	2	3	28	1.15	.176	16	18	1.22	148	.18	6	.81	.11	.64	<2	70
196645	51	2106	4	52	.5	21	12	366	6.70	<2	<5	<2	<2	47	<.2	<2	3	52	1.15	.181	15	76	1.56	224	.19	4	1.07	.13	.83	<2	88
196646	36	2292	9	70	.5	5	8	372	6.43	<2	<5	<2	<2	42	.3	<2	5	19	1.08	.187	17	14	1.07	212	.13	<3	.71	.11	.49	3	90
RE 196646	40	2320	6	63	.4	6	9	373	6.50	<2	<5	<2	2	42	.3	<2	<2	19	1.08	.187	18	14	1.08	212	.13	5	.71	.11	.49	3	88
196647	31	2433	5	46	.5	8	11	255	6.22	<2	<5	<2	<2	39	<.2	<2	<2	20	1.48	.180	18	9	1.19	177	.14	5	.73	.11	.54	3	156
196648	8	3383	4	48	.6	7	14	269	5.99	<2	<5	<2	<2	35	.2	<2	2	20	1.54	.156	15	9	1.00	126	.08	<3	.49	.07	.33	2	99
196649	4	2596	3	42	.3	10	14	239	6.98	3	<5	<2	<2	38	<.2	<2	6	27	1.92	.201	16	10	1.03	66	.07	4	.51	.10	.30	3	146
196650	19	2180	5	45	.3	7	8	246	5.64	4	6	<2	<2	29	<.2	<2	5	20	1.42	.176	16	11	1.08	98	.14	<3	.73	.09	.51	3	85
196651	18	3909	4	51	.5	8	10	239	7.14	<2	<5	<2	<2	25	<.2	<2	<2	21	.87	.187	17	9	1.14	86	.15	<3	1.00	.12	.53	3	144
196652	11	4541	5	46	1.0	7	12	276	7.93	<2	<5	<2	<2	28	<.2	<2	<2	22	1.28	.187	22	11	1.12	67	.13	<3	1.01	.10	.48	<2	154
196653	7	1419	3	51	.3	5	10	313	6.31	<2	<5	<2	<2	25	.3	<2	3	20	1.08	.192	17	10	1.15	66	.14	<3	.91	.11	.47	3	87
196654	8	4268	4	50	.6	5	12	292	7.12	4	<5	<2	<2	22	<.2	<2	<2	19	.90	.190	17	13	.94	82	.14	6	.79	.09	.43	2	241
196655	14	1624	8	58	.4	5	10	319	5.28	19	<5	<2	<2	45	.3	2	<2	16	2.39	.167	18	10	1.04	161	.08	4	.55	.09	.32	4	81
196656	35	3719	31	103	.8	7	9	922	5.44	39	<5	<2	<2	39	.4	<2	8	18	2.42	.148	15	11	1.01	107	.07	<3	.50	.07	.29	2	125
196657	12	1586	5	51	.6	6	9	324	6.26	5	9	<2	2	26	<.2	<2	3	19	1.41	.182	16	9	.86	99	.13	5	.70	.10	.46	2	100
196658	6	1049	5	43	.3	6	8	296	5.90	9	<5	<2	<2	25	<.2	<2	<2	19	1.72	.182	18	10	.90	127	.11	<3	.63	.09	.43	3	36
196659	10	2044	4	34	<.3	8	8	236	5.23	4	<5	<2	<2	21	<.2	<2	<2	16	1.25	.165	16	9	.87	97	.09	<3	.57	.10	.34	4	82
196660	7	1330	5	39	<.3	5	7	210	5.38	<2	<5	<2	<2	22	<.2	<2	<2	17	1.07	.169	17	11	1.04	130	.14	3	.67	.09	.51	2	109
196661	20	2385	5	45	.5	5	8	280	5.99	<2	<5	<2	<2	24	<.2	<2	2	19	.99	.181	17	10	1.08	94	.16	5	.75	.12	.57	3	140
196662	26	3706	5	42	.5	9	9	218	7.30	3	6	<2	<2	28	.3	<2	<2	27	1.20	.161	17	17	.94	107	.11	4	.63	.12	.43	3	109
196663	22	1538	6	40	.3	25	12	146	3.80	<2	<5	<2	3	34	<.2	<2	2	69	1.00	.110	14	44	1.24	277	.20	4	.94	.10	.73	3	76
196664	5	2411	<3	35	.3	10	9	198	6.19	2	<5	<2	<2	19	<.2	<2	<2	26	1.11	.174	15	16	1.14	124	.19	5	.84	.14	.65	3	148
196665	5	2205	7	44	.5	8	8	214	6.43	<2	11	<2	<2	22	.2	<2	6	26	1.07	.170	16	12	.98	94	.14	<3	.73	.13	.48	4	112
196666	4	1028	<3	42	<.3	8	8	181	7.63	<2	<5	<2	<2	18	<.2	<2	<2	29	.93	.169	17	12	1.05	119	.14	3	.84	.41	.51	3	48
196667	4	2308	3	39	.3	10	8	180	7.08	<2	7	<2	<2	17	<.2	2	<2	28	1.13	.176	16	7	1.28	125	.21	<3	.99	.13	.71	3	74
196668	7	1827	3	41	.3	12	10	172	6.21	2	6	<2	<2	17	<.2	<2	<2	25	1.03	.169	16	10	1.10	111	.17	<3	.88	.13	.63	4	85
STANDARD C3/AU-R	26	68	37	164	5.6	37	12	758	3.60	53	25	<2	17	30	24.1	20	21	83	.63	.089	20	175	.69	155	.10	20	1.98	.04	.16	21	447

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-108

DATE RECEIVED: APR 28 1997 DATE REPORT MAILED: May 1/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196669	8	1799	<3	48	<.3	5	8	302	6.88	2	<5	<2	2	16	<.2	<2	<2	22	.73	.178	15	12	1.11	125	.19	<3	.94	.16	.61	5	72
196670	5	1711	<3	38	<.3	7	9	173	6.03	<2	<5	<2	2	15	<.2	<2	<2	25	.82	.152	14	9	1.08	136	.17	4	.87	.11	.62	4	75
196671	4	2233	<3	47	<.3	17	10	231	5.44	<2	<5	<2	4	24	<.2	<2	3	52	.74	.142	13	39	1.44	243	.25	<3	1.07	.11	.86	3	93
196672	4	2923	<3	49	<.3	28	11	202	4.10	<2	<5	<2	5	36	<.2	<2	<2	85	.57	.112	13	74	1.72	337	.29	<3	1.20	.12	1.04	5	143
196673	6	2756	<3	51	<.3	20	12	180	4.89	<2	<5	<2	3	29	.2	<2	3	61	.75	.124	14	50	1.48	227	.24	<3	1.02	.12	.88	3	132
196674	25	1507	4	46	.3	20	10	155	4.54	<2	6	<2	4	35	<.2	<2	4	67	1.03	.111	15	65	1.66	312	.27	<3	1.21	.10	1.02	4	59
196675	5	1183	<3	46	<.3	13	8	176	6.87	<2	<5	<2	2	31	<.2	<2	4	49	1.30	.130	19	37	1.19	205	.17	5	.90	.10	.65	4	37
196676	5	3497	5	49	<.3	13	9	216	6.85	<2	<5	<2	<2	35	.2	<2	5	30	1.24	.154	14	20	.97	83	.13	8	.79	.13	.45	6	121
196677	3	4372	4	52	.3	8	8	250	6.61	4	<5	<2	2	34	<.2	<2	<2	26	.83	.163	14	16	1.07	95	.19	<3	.92	.15	.62	6	323
196678	3	2497	4	48	<.3	23	9	178	4.67	<2	<5	<2	4	42	<.2	<2	2	71	.99	.116	13	49	1.41	165	.23	<3	1.03	.12	.81	7	108
196679	4	2533	4	42	.3	26	11	162	4.11	<2	<5	<2	3	38	.2	<2	2	78	1.13	.098	13	51	1.39	67	.21	<3	1.02	.12	.77	6	152
196680	3	2465	3	39	.4	25	10	130	3.91	<2	<5	<2	4	36	.2	<2	<2	80	.62	.093	12	54	1.42	202	.24	4	1.00	.10	.83	5	176
196681	3	1795	6	46	<.3	27	10	175	3.77	3	10	<2	5	62	<.2	<2	<2	84	.87	.093	13	57	1.41	260	.21	<3	1.01	.11	.77	5	90
196682	3	2647	4	46	<.3	29	9	202	3.79	3	<5	<2	5	169	.3	2	<2	84	1.11	.107	14	60	1.40	254	.20	5	.95	.13	.74	6	154
196683	8	1294	11	76	.8	31	13	454	4.51	70	<5	<2	3	94	<.2	10	<2	69	2.23	.095	14	47	1.25	71	.09	<3	.82	.07	.39	4	45
196684	3	1979	5	42	<.3	27	11	187	3.95	5	<5	<2	3	336	.2	2	<2	89	.87	.104	13	58	1.45	395	.27	4	1.11	.11	.91	7	96
196685	1	1681	10	70	<.3	25	14	451	3.69	77	<5	<2	3	1488	.2	8	<2	81	1.28	.098	12	47	1.35	204	.20	3	1.13	.06	.71	6	96
196686	2	2289	61	150	1.0	27	9	1605	4.42	258	<5	<2	3	127	.5	56	3	58	4.23	.087	10	35	1.50	60	.01	4	.80	.02	.12	2	166
196687	3	2186	119	199	1.7	30	11	1403	3.85	472	<5	<2	2	105	1.2	110	<2	54	3.84	.101	11	34	1.35	114	<.01	4	.72	.01	.09	2	111
196688	3	1621	53	153	1.5	29	13	1004	4.01	203	6	<2	3	138	.5	92	<2	64	1.90	.109	15	39	1.10	79	.07	<3	.81	.05	.33	4	133
196689	3	2025	4	58	<.3	24	9	244	3.72	13	<5	<2	4	96	<.2	3	<2	82	.96	.101	13	55	1.35	493	.23	<3	1.01	.11	.78	3	221
196690	4	1280	12	75	<.3	26	10	197	3.84	19	<5	<2	4	403	.2	4	<2	83	1.01	.100	13	55	1.33	369	.21	<3	.94	.09	.73	4	89
196691	3	1723	5	56	<.3	26	10	175	4.06	<2	10	<2	4	100	<.2	<2	<2	89	.55	.106	13	63	1.57	250	.24	<3	1.19	.13	.83	4	65
RE 196691	3	1805	6	58	<.3	30	10	185	4.25	<2	<5	<2	4	103	<.2	<2	2	94	.57	.111	13	66	1.64	253	.25	<3	1.24	.13	.87	5	98
196692	3	1321	<3	54	<.3	26	10	200	3.77	<2	<5	<2	4	81	<.2	<2	5	87	.58	.108	12	60	1.43	271	.23	<3	1.10	.11	.74	4	60
196693	2	2473	3	50	<.3	13	9	264	6.06	<2	<5	<2	3	39	.2	<2	2	48	.61	.149	13	26	1.19	182	.20	<3	.97	.13	.65	5	99
196694	3	2082	3	48	<.3	10	7	295	6.22	<2	<5	<2	2	26	<.2	<2	<2	28	.81	.172	14	11	1.05	171	.19	<3	.84	.11	.58	4	106
196695	2	2771	5	57	.3	9	11	521	6.89	41	<5	<2	2	99	.2	<2	<2	28	2.00	.187	16	10	1.06	60	.09	<3	.95	.05	.31	3	195
196696	6	2711	7	48	.3	13	11	341	6.48	12	<5	<2	3	174	<.2	3	<2	37	1.01	.160	14	17	.94	90	.15	<3	.75	.09	.47	5	150
196697	2	2648	3	54	.4	8	11	332	6.95	<2	<5	<2	2	68	<.2	<2	<2	27	1.07	.174	14	9	.96	129	.17	4	.73	.10	.49	3	148
196698	3	2549	8	67	.3	10	12	820	6.87	110	<5	<2	2	59	<.2	2	4	29	3.34	.187	17	8	1.01	33	.02	8	.66	.01	.07	<2	113
196699	7	2667	<3	44	.4	24	10	386	3.46	22	<5	<2	3	69	<.2	4	<2	55	2.11	.119	16	41	.78	82	.05	<3	1.19	.03	.19	3	110
196700	3	1859	42	116	.8	26	10	547	3.44	137	<5	<2	4	123	.8	38	3	66	1.79	.100	13	44	1.08	156	.10	<3	.86	.06	.38	5	160
196701	3	2121	3	63	.5	13	11	346	5.15	61	<5	<2	2	135	<.2	4	<2	42	2.20	.142	14	26	1.14	281	.12	<3	.97	.07	.38	4	151
196702	3	4007	6	61	.7	10	11	296	6.31	140	5	<2	<2	166	.3	<2	<2	27	2.03	.159	13	13	1.00	245	.08	<3	.76	.07	.26	3	270
STANDARD C3/AU-R	25	66	32	156	5.5	35	12	731	3.56	57	26	2	17	28	23.5	17	26	79	.59	.088	18	165	.66	150	.10	25	1.89	.04	.17	20	466

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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97-108

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196703	3	2972	3	55	.9	8	10	354	6.76	<2	<5	<2	3	105	<.2	<2	7	34	1.16	.166	14	11	.89	215	.18	5	.81	.12	.57	4	494
196704	6	1911	3	52	.5	16	10	279	4.92	11	<5	<2	3	322	<.2	<2	<2	54	1.07	.142	13	31	1.07	258	.19	<3	.81	.08	.61	3	112
RE 196704	4	2007	3	60	.6	16	11	292	5.15	13	<5	<2	4	343	<.2	2	5	57	1.12	.149	14	32	1.12	265	.19	<3	.85	.10	.65	3	128
196705	5	1336	<3	48	<.3	29	11	215	4.03	<2	<5	<2	4	748	<.2	<2	6	88	1.37	.102	14	61	1.29	313	.23	3	1.08	.12	.80	5	62
196706	6	1981	3	49	<.3	28	11	262	3.98	<2	<5	<2	3	1331	<.2	<2	2	74	1.78	.097	12	53	1.32	115	.15	<3	.94	.09	.55	5	72
196707	3	1485	4	48	.5	27	12	244	4.18	2	9	<2	4	321	<.2	<2	2	80	1.38	.100	12	58	1.26	93	.17	4	.92	.10	.61	4	110
196708	3	1524	<3	38	<.3	27	11	167	3.92	<2	8	<2	4	999	<.2	<2	<2	82	1.24	.094	12	54	1.27	119	.19	4	.91	.08	.64	3	101
196709	3	998	<3	33	.3	25	10	209	3.36	<2	<5	<2	3	342	<.2	<2	<2	75	1.33	.095	12	53	1.09	292	.18	<3	.88	.08	.59	3	63
STANDARD C3/AU-R	26	67	32	166	6.0	34	12	756	3.58	52	28	<2	19	30	24.9	16	27	81	.61	.090	18	166	.67	167	.10	23	2.00	.04	.17	18	485

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-108

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2024 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

DDH 97-108

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196710	3	1272	<3	30	<.3	28	10	162	3.12	2	<5	<2	5	100	.6	<2	<2	77	1.06	.105	12	49	1.21	156	.22	<3	1.06	.09	.75	<2	60
196711	4	2136	<3	33	.3	26	10	184	3.35	<2	<5	<2	4	86	.8	<2	<2	71	1.44	.095	12	40	1.11	134	.19	<3	.80	.04	.68	<2	112
196712	11	2295	3	38	.4	31	11	188	3.25	<2	<5	<2	3	410	.7	2	<2	73	1.18	.098	9	46	1.09	49	.19	<3	.97	.08	.66	<2	52
196713	47	1780	15	148	1.2	19	6	2170	3.01	53	<5	<2	2	85	.7	6	2	43	2.38	.070	8	20	.87	127	.01	4	.66	.02	.19	<2	56
196714	26	667	10	85	<.3	23	7	559	2.53	10	5	<2	3	142	.4	<2	2	58	3.10	.075	9	27	1.37	241	.02	3	.85	.04	.24	<2	13
196715	16	340	7	68	<.3	19	6	298	2.16	8	<5	<2	3	104	.3	3	<2	54	2.04	.073	9	25	1.00	390	.03	<3	.56	.03	.23	2	4
196716	12	547	11	67	<.3	26	7	255	2.85	4	<5	<2	3	117	.6	<2	<2	63	2.09	.085	10	31	1.12	567	.04	4	.86	.04	.30	<2	6
196717	8	114	17	202	.3	20	6	3464	3.73	9	<5	<2	3	101	1.2	<2	<2	46	1.75	.074	10	21	.99	1066	.02	4	.47	.02	.24	<2	2
RE 196717	7	120	17	204	<.3	20	6	3567	3.84	9	<5	<2	2	103	1.3	<2	3	47	1.79	.077	9	22	1.01	1080	.02	4	.48	.02	.24	<2	5
196718	45	1264	15	147	.5	24	6	609	3.43	8	<5	<2	3	106	.8	<2	2	58	2.17	.087	12	27	1.17	711	.01	5	.67	.04	.23	<2	23
196719	26	842	30	199	.8	20	11	1907	2.96	38	<5	<2	3	72	.8	5	3	40	2.33	.104	9	17	1.01	153	<.01	4	.52	.01	.19	<2	17
196720	13	404	15	118	<.3	24	5	491	3.17	3	<5	<2	3	52	.7	<2	2	57	2.32	.122	13	25	1.18	441	.01	5	.83	.03	.21	<2	24
196721	9	392	12	72	<.3	23	16	281	2.83	5	<5	<2	2	72	.6	<2	<2	52	1.94	.097	10	25	1.04	153	.03	3	.62	.03	.22	<2	5
196722	4	224	7	88	<.3	23	9	833	2.56	<2	<5	<2	3	96	.4	<2	<2	46	1.99	.082	10	23	1.02	427	.02	5	.64	.03	.29	<2	4
196723	4	387	8	54	<.3	24	12	571	2.77	2	<5	<2	3	1326	.6	<2	<2	54	1.86	.093	11	30	1.21	166	.05	4	.67	.05	.32	2	14
196724	4	126	5	52	<.3	30	14	189	3.16	<2	<5	<2	3	66	.8	<2	<2	69	1.35	.105	11	37	1.43	239	.08	5	.92	.08	.43	<2	2
196725	2	153	5	48	<.3	27	14	181	3.07	<2	<5	<2	2	326	.7	<2	<2	66	1.45	.107	11	35	1.40	194	.08	4	.68	.04	.38	2	7
196726	3	229	7	44	<.3	31	16	184	3.26	2	<5	<2	3	1077	.9	<2	<2	72	2.03	.111	11	38	1.33	44	.06	5	.83	.06	.38	<2	4
196727	1	47	8	161	<.3	24	4	1342	5.83	4	<5	<2	3	70	1.3	<2	<2	93	2.19	.046	9	33	1.52	613	.01	5	.66	.02	.28	<2	1
196728	3	17	8	181	<.3	26	4	4240	7.55	46	<5	<2	2	51	1.4	<2	<2	99	2.24	.024	6	23	1.40	78	<.01	6	.78	.01	.34	<2	5
196729	<1	6	6	147	<.3	15	3	4547	4.78	9	<5	<2	2	43	1.4	2	<2	61	2.61	.024	4	24	1.22	463	<.01	6	.62	.01	.32	<2	2
196730	2	11	6	190	<.3	15	2	6561	3.46	2	<5	<2	2	30	.9	<2	2	25	1.13	.011	3	15	.70	91	<.01	6	.67	.01	.33	<2	3
196731	2	7	6	161	<.3	12	3	9312	4.31	3	<5	<2	2	25	1.3	<2	<2	24	.74	.017	5	15	.59	14	<.01	6	.55	.01	.29	<2	2
196732	3	4	<3	140	<.3	14	2	12184	5.06	5	<5	<2	<2	28	1.1	<2	<2	22	.46	.014	9	12	.56	12	<.01	6	.71	.01	.34	<2	2
196733	3	3	4	143	<.3	12	2	9160	4.16	3	<5	<2	3	23	1.2	<2	<2	24	.63	.029	6	14	.54	14	<.01	6	.55	.01	.30	<2	2
196734	10	1409	6	97	.6	19	3	1912	2.63	10	<5	<2	4	55	.4	<2	<2	35	2.13	.050	7	20	1.09	283	<.01	6	.75	.01	.33	<2	16
196735	8	1082	7	102	.4	20	4	1143	2.83	8	<5	<2	3	70	.6	<2	2	52	2.30	.140	11	28	1.10	530	<.01	6	.60	.02	.24	2	9
196736	36	156	6	111	<.3	26	4	450	2.81	2	<5	<2	3	87	.7	<2	<2	56	2.61	.102	11	29	1.27	690	.01	6	.65	.04	.23	<2	6
196737	37	2491	15	91	.9	29	6	526	3.16	<2	<5	<2	3	65	.7	<2	<2	62	2.28	.107	10	34	1.17	258	.02	5	.63	.03	.22	<2	74
196738	49	1286	17	84	.4	30	6	285	3.55	3	<5	<2	3	76	.9	<2	<2	73	2.29	.109	10	36	1.13	474	.03	5	.74	.05	.27	<2	10
196739	42	715	19	122	<.3	25	5	399	3.41	3	<5	<2	3	68	1.0	<2	<2	77	2.13	.111	10	40	1.25	328	.04	5	.78	.05	.29	2	23
196740	40	465	9	71	<.3	29	5	323	3.04	4	<5	<2	3	77	.9	<2	2	73	2.34	.116	12	37	1.45	562	.05	5	.92	.04	.32	<2	17
196741	35	487	6	56	<.3	25	5	333	2.96	2	<5	<2	3	103	.6	<2	<2	71	2.38	.107	11	35	1.30	1141	.05	4	.75	.04	.31	<2	8
196742	56	1376	10	91	.4	27	5	423	2.90	12	<5	<2	4	124	.8	<2	<2	70	2.47	.105	10	35	1.33	535	.06	6	.88	.04	.40	<2	48
196743	29	359	10	78	<.3	20	4	874	2.64	6	<5	<2	3	120	.7	<2	<2	51	2.67	.094	8	24	1.20	345	.03	5	.45	.03	.22	<2	15
STANDARD C3/AU-R	25	64	32	157	5.6	37	12	739	3.42	54	18	2	20	31	23.6	14	23	83	.64	.097	18	171	.68	150	.11	20	1.90	.04	.17	15	509

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-109

DATE RECEIVED: MAY 5 1997 DATE REPORT MAILED: May 9/97 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

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AC # 97-2024

Location: 10,120w;9930S	BOOKER GOLD EXPLORATIONS LTD.			Hole No: 97-109	
Azimuth: 100° (ESE)	Dips - collar	-75 °	Contractor: J.T.T.	Property: Hearne Hill	
Elevation:	- m	°	Logged by: D.M.	Claim No. Hearne 1	
Length: 227.6m (747')	(747') 227.6m	-78° °	Date: April 24/97	Section No.	
Core size: NQ	- m			Started: April 23/97	
Purpose: to intersect brx below DDH96-69, for 500' length plus.				Completed:	

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	3.1 (10')	casing, no core.			logged after split.										
3.1	56.1	Biotite Feldspar Porphyry (BFP) - several phases of med.g to c.g. porph texture. - med. grey colour to bleached. - ± biot in lighter areas - darker areas harder more siliceous w f.g hbld. - veinlets not very abundant, fractures localized	3.1	7.4	Strong FeOx alt'n along fractures. Advanced argillic - very little biot - carb veins, - trace diss sulf (py+cp) occassional cp blebs in carb veins. - strong sericitepid of Fspars	1	various	carb (calcite) ± cp.	196713	4.0	5.1	1780	56	1.2	47
									714	5.1	8.2	667	13	<.3	26
									715	8.2	11.3	340	4	<.3	16
									716	11.3	14.3	547	6	<.3	12
									717	14.3	17.4	120	5	.3	8
									718	17.4	20.4	1264	23	.5	45
									719	20.4	23.4	842	17	.8	26
		3.1-7.4 m rubbly, fractures 45° to C.A. abundant.	7.4	22.5	Argillic Alt'n. (Tot.) ± biot, occassional FeOx along fractures - strong alt'n of Fspar, sericitepid. - minor hem stvn. carb veinlets.										

Hole No. 97-109
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		22.5-25.8 m	22.5	25.8	Phyllic alt'n almost	1-3	various	carb ± qtz?	720	23.4	26.6	404	24	<.3	13
		- fragmental texture			completely seric in areas			interlocking	721	26.5	29.5	392	5	<.3	9
		cemented by carb.			- py sus virtually				722	29.5	32.6	224	4	<.3	4
		- very soft, (3-4 hardness) at		25.2	large ep bleb				723	32.6	35.6	387	14	<.3	4
		- f.g.-m.g. frags.			≥ 1cm dia., irregular				724	35.6	37.7	126	2	<.3	4
		- frag subro.-subang			shape, coated w				725	37.7	41.7	153	7	<.3	2
		- frag. supp. (wash brxx)			rock flour (kaolinite)				726	44.7	44.8	229	4	<.3	3
									727	44.8	47.8	47	1	<.3	1
		25.8 - 46.1 m	25.8	58.7	Argillic, Int. → advance										
		BFP crowded to			- strong seric tepid.										
		uncrowded, few			- sus more abundant										
		areas more fractured			as f.g. (≤1mm) diss.										
		≤ 10 cm dia.			grains										
		- some areas very			- ep ≤ py										
		soft			- cp ≤ 1%										
		- fracture 40-50° to	at	51.5	thick vein 50° to										
		C.A. w carb. coating			C.A., thick carb +										
					py in veinlets										
		46.1 - 66.4 m.			up to .5 cm per				728	47.8	50.9	17	5	<.3	3
		cavities of fractures			band, total 2 cm				729	50.9	53.9	6	2	<.3	<1
		filled w white carb.			thick				730	53.9	56.9	11	3	<.3	2
		(calcite), more fspars							731	56.9	60.0	7	2	<.3	2
		abundant, yet g.s.							732	60.0	63.0	4	2	<.3	3
		decreases													
		- phyllic alt'n more													
		frag. in appearance.													

Hole No. 97-109
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
			54.7	66.4	Phyllic w areas of relict BFP, soft, bleached seric strong, some areas show very strong epid -chl. in phyllic alt'd material -virtually no biot -veining conc. around phyllic alt'd areas -more rubbly than surr. rocks. -minor rockflour in open cavities + carb (sparry calcite).				733	63.0	66.1	3	2	<.3	3
									734	66.1	69.1	1409	.16	.6	10
		66.4 - 145.2 m -med. grained crowded fspars to darker more fg. matrix w larger (≤.8cm) phenocrysts w euhedral shapes -few diss. sul's -carb throughout -very competent very few fractures -chl on some fractures w talcy feel. at 111.0m, 30 in of fracture 45° to CA	66.4	145.2	dry illic -seric to pid - chl. -biot still fresh -carb as in fillings of small vugs -little diss. sul's, some enriched throughout epiply. -chl spotting of surrounding minerals around sul's up to 0.5 cm.	1-5	0-20°	carb-hem (calc)	735	69.1	72.2	1082	9	.4	8
									736	72.2	75.2	156	6	<.3	36
									737	75.2	78.3	2491	74	.9	37
									738	78.3	81.3	1286	10	.4	49
									739	81.3	84.4	715	23	<.3	42
									740	84.4	87.4	465	17	<.3	40
									741	87.4	90.5	487	8	<.3	35
									742	90.5	93.5	1376	48	.4	56
									743	93.5	96.6	359	15	<.3	29
									744	96.6	99.6	1253	35	.3	74
									746	99.6	102.7	191	16	<.3	37
									746	102.7	105.7	1466	77	.4	51
									747	105.7	108.8	861	56	.3	52

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Mincrals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		cont'd			cont'd			196	748	108.8	111.8	5372	367	2.3	150
		- few fractures lined w							749	111.8	114.9	3617	147	1.4	80
		carb(calcite) and smeared							750	114.9	117.9	4334	430	2.0	97
		fu c.p.							751	117.9	121.0	4741	168	1.4	95
									752	121.0	124.0	2484	139	.9	30
		145.2-147.7 m.							753	124.0	127.1	332	26	<.3	23
		-Soft BFP in areas							754	127.1	130.1	2441	104	.7	96
		hardness <1							755	130.1	133.1	1012	67	.3	44
		-increase in veinlets							756	133.1	136.2	923	69	.3	138
		- was probably intensly							757	136.2	139.2	1133	67	.8	96
		fractured; biot fresh.							758	139.2	142.3	1450	73	.9	70
									759	142.3	145.3	996	45	.3	17
		149.2-150.0 m.							760	145.3	148.4	1667	85	.7	71
		-area more fractured							761	148.4	151.4	1184	140	.6	159
		<30 cm apart increase							762	151.4	154.5	1087	59	.3	39
		in sus							763	154.5	157.5	1715	81	.4	97
		veinlets 40° to C.A.													
		prominant							764						
		150.0-156.1 m			150.0-156.1 m										
		weak stockwork			cp increase cp<1%										
		appearance to strong			-Mo evident on fractures										
		fragmental is areas			+ veinlets as v.f.g.										
		-mag. in interlocking			smears.										
		veinlets													
		- fractures ~30 cm apart 45° to C.A.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
156.1	1603	Q(H)BFP (Granite)	156.1	1603	Propylitic/weak Argillic	1-5	N/S°	qtz-carb-	764	157.5	160.6	3361	156	.8	304
		-u.e.g., anhedral fspar			-fspar → sericite+epid			±cp±py±hem							
		xtals, <1cm dia.; ±			-biot fresh w alt'd			±Mo.							
		biot' books. <0.5cm dia.			areas										
		-unit peripheral to			-hbld → hem (red)										
		BFP unit.			-increase in dss. cp										
		-light grey coloured			(cp ≤ 1%)					5.1					
		laths @ 5			- mo throughout core.										
		-5a's increase in													
		quantity.													
		-few fractures 45° to CA													
		- upper contact FW BFP													
		display flow banding fm													
		-10cm (50° to CA)													
		-q+z irreg. masses													
		between xtals.													
1603	2088	Andesitic Hornfels	1603	2088	Potassic/Phyllic	1-3	30-80	mag(hem)-carb	765	1606	1633	7657	297	1.8	249
		Stockwork			-sericite of fspar			±cp±py	766	1633	1664	2918	118	.8	233
		- med. grey to bleached			-f.g. 2ndary Biot			±Mo.							
		in some areas.			-cp as smears on fractures			continued							
		-f.g., siliceous, hard.			& Mo.			stckwk.							
		- numerous, magnetite, interlocking			-cp <1%										
		veinlets + fractures mainly													
		to 0° to CA.													
		-BFP dikes cutting and													

Hole No. 97-109
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		161.1 - 161.5 m		at	163.3 m										
		green mafic metamorphosed			large No smear w										
		material adjoining a			carb along fracture										
		BFP fragment.			10° to C.A. (in BFP flag)										
		166.9 - 168.1 m							767	166.4	169.4	3075	127	.8	241
		BFP dike, fresh													
		propyllitic appearance													
		fract. 60° to C.A.													
		≈ 30 cm apart.													
		171.8 - 172.0m							768	169.4	172.5	3891	204	1.4	117
		fragmental appearance													
		- weak brxx, ang. frags.													
		≤ 5 cm dia. of													
		- andesitic hornfels													
		cemented by carb													
		+ later infilled w sul's													
									769	172.5	175.8	4031	192	1.3	254
		176.4 - 179.1 m							770	175.8	178.9	2095	96	.6	44
		BFP dike x-cut							771	178.9	181.9	3537	193	1.2	175
		Q, Ab @ 90°													
		fractures 45° to C.A.													
		- dark siliceous.													

Hole No. 97-109
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance
		179.1-208.8m.						
		Andesitic hornfels.						
		F.g. hornfelsing throughout						
		-colour varies from med.						
		-light grey						
208	227.6	BFP, mafic material	208.8		Int. Argillic	1-4		carb tpy tcp
		Few small areas of			-seric ± epid.			
		Andesitic hornfels, lighter			Few areas of chl.			
		areas appear to be rhyodacite			-cp as diss. blebs and			
					smears on fracture			
					veneers			
		-						
at	227.6	B.O.H.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
772	181.9	185.0	6161	304	1.5	350
773	185.0	188.0	6876	359	1.7	333
774	188.0	191.1	3395	145	.8	44
775	191.1	194.1	2709	186	.8	82
776	194.1	197.2	2295	115	.6	216
777	197.2	200.2	3445	152	.8	219
778	200.2	203.3	4394	114	1.1	186
779	203.3	206.3	6374	360	1.5	440
780	206.3	209.3	3064	118	.7	46
781	209.3	212.4	1832	51	.6	22
782	212.4	215.4	2309	109	.5	40
783	215.4	218.5	2218	85	.4	65
784	218.5	221.5	1583	67	.3	63
785	221.5	224.5	2387	127	.5	39
786	224.5	227.6	1993	97	.8	60

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2024 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196710	3	1272	<3	30	<.3	28	10	162	3.12	2	<5	<2	5	100	.6	<2	<2	77	1.06	.105	12	49	1.21	156	.22	<3	1.06	.09	.75	<2	60
196711	4	2136	<3	33	.3	26	10	184	3.35	<2	<5	<2	4	86	.8	<2	<2	71	1.44	.095	12	40	1.11	134	.19	<3	.80	.04	.68	<2	112
196712	11	2295	3	38	.4	31	11	188	3.25	<2	<5	<2	3	410	.7	2	<2	73	1.18	.098	9	46	1.09	49	.19	<3	.97	.08	.66	<2	52
196713	47	1780	15	148	1.2	19	6	2170	3.01	53	<5	<2	2	85	.7	6	2	43	2.38	.070	8	20	.87	127	.01	4	.66	.02	.19	<2	56
196714	26	667	10	85	<.3	23	7	559	2.53	10	5	<2	3	142	.4	<2	2	58	3.10	.075	9	27	1.37	241	.02	3	.85	.04	.24	<2	13
196715	16	340	7	68	<.3	19	6	298	2.16	8	<5	<2	3	104	.3	3	<2	54	2.04	.073	9	25	1.00	390	.03	<3	.56	.03	.23	2	4
196716	12	547	11	67	<.3	26	7	255	2.85	4	<5	<2	3	117	.6	<2	<2	63	2.09	.085	10	31	1.12	567	.04	4	.86	.04	.30	<2	6
196717	8	114	17	202	.3	20	6	3464	3.73	9	<5	<2	3	101	1.2	<2	<2	46	1.75	.074	10	21	.99	1066	.02	4	.47	.02	.24	<2	2
RE 196717	7	120	17	204	<.3	20	6	3567	3.84	9	<5	<2	2	103	1.3	<2	3	47	1.79	.077	9	22	1.01	1080	.02	4	.48	.02	.24	<2	5
196718	45	1264	15	147	.5	24	6	609	3.43	8	<5	<2	3	106	.8	<2	2	58	2.17	.087	12	27	1.17	711	.01	5	.67	.04	.23	<2	23
196719	26	842	30	199	.8	20	11	1907	2.96	38	<5	<2	3	72	.8	5	3	40	2.33	.104	9	17	1.01	153	<.01	4	.52	.01	.19	<2	17
196720	13	404	15	118	<.3	24	5	491	3.17	3	<5	<2	3	52	.7	<2	2	57	2.32	.122	13	25	1.18	441	.01	5	.83	.03	.21	<2	24
196721	9	392	12	72	<.3	23	16	281	2.83	5	<5	<2	2	72	.6	<2	<2	52	1.94	.097	10	25	1.04	153	.03	3	.62	.03	.22	<2	5
196722	4	224	7	88	<.3	23	9	833	2.56	<2	<5	<2	3	96	.4	<2	<2	46	1.99	.082	10	23	1.02	427	.02	5	.64	.03	.29	<2	4
196723	4	387	8	54	<.3	24	12	571	2.77	2	<5	<2	3	1326	.6	<2	<2	54	1.86	.093	11	30	1.21	166	.05	4	.67	.05	.32	2	14
196724	4	126	5	52	<.3	30	14	189	3.16	<2	<5	<2	3	66	.8	<2	<2	69	1.35	.105	11	37	1.43	239	.08	5	.92	.08	.43	<2	2
196725	2	153	5	48	<.3	27	14	181	3.07	<2	<5	<2	2	326	.7	<2	<2	66	1.45	.107	11	35	1.40	194	.08	4	.68	.04	.38	2	7
196726	3	229	7	44	<.3	31	16	184	3.26	2	<5	<2	3	1077	.9	<2	<2	72	2.03	.111	11	38	1.33	44	.06	5	.83	.06	.38	<2	4
196727	1	47	8	161	<.3	24	4	1342	5.83	4	<5	<2	3	70	1.3	<2	<2	93	2.19	.046	9	33	1.52	613	.01	5	.66	.02	.28	<2	1
196728	3	17	8	181	<.3	26	4	4240	7.55	46	<5	<2	2	51	1.4	<2	<2	99	2.24	.024	6	23	1.40	78	<.01	6	.78	.01	.34	<2	5
196729	<1	6	6	147	<.3	15	3	4547	4.78	9	<5	<2	2	43	1.4	2	<2	61	2.61	.024	4	24	1.22	463	<.01	6	.62	.01	.32	<2	2
196730	2	11	6	190	<.3	15	2	6561	3.46	2	<5	<2	2	30	.9	<2	2	25	1.13	.011	3	15	.70	91	<.01	6	.67	.01	.33	<2	3
196731	2	7	6	161	<.3	12	3	9312	4.31	3	<5	<2	2	25	1.3	<2	<2	24	.74	.017	5	15	.59	14	<.01	6	.55	.01	.29	<2	2
196732	3	4	<3	140	<.3	14	2	12184	5.06	5	<5	<2	<2	28	1.1	<2	<2	22	.46	.014	9	12	.56	12	<.01	6	.71	.01	.34	<2	2
196733	3	3	4	143	<.3	12	2	9160	4.16	3	<5	<2	3	23	1.2	<2	<2	24	.63	.029	6	14	.54	14	<.01	6	.55	.01	.30	<2	2
196734	10	1409	6	97	.6	19	3	1912	2.63	10	<5	<2	4	55	.4	<2	<2	35	2.13	.050	7	20	1.09	283	<.01	6	.75	.01	.33	<2	16
196735	8	1082	7	102	.4	20	4	1143	2.83	8	<5	<2	3	70	.6	<2	2	52	2.30	.140	11	28	1.10	530	<.01	6	.60	.02	.24	2	9
196736	36	156	6	111	<.3	26	4	450	2.81	2	<5	<2	3	87	.7	<2	<2	56	2.61	.102	11	29	1.27	690	.01	6	.65	.04	.23	<2	6
196737	37	2491	15	91	.9	29	6	526	3.16	<2	<5	<2	3	65	.7	<2	<2	62	2.28	.107	10	34	1.17	258	.02	5	.63	.03	.22	<2	74
196738	49	1286	17	84	.4	30	6	285	3.55	3	<5	<2	3	76	.9	<2	<2	73	2.29	.109	10	36	1.13	474	.03	5	.74	.05	.27	<2	10
196739	42	715	19	122	<.3	25	5	399	3.41	3	<5	<2	3	68	1.0	<2	<2	77	2.13	.111	10	40	1.25	328	.04	5	.78	.05	.29	2	23
196740	40	465	9	71	<.3	29	5	323	3.04	4	<5	<2	3	77	.9	<2	2	73	2.34	.116	12	37	1.45	562	.05	5	.92	.04	.32	<2	17
196741	35	487	6	56	<.3	25	5	333	2.96	2	<5	<2	3	103	.6	<2	<2	71	2.38	.107	11	35	1.30	1141	.05	4	.75	.04	.31	<2	8
196742	56	1376	10	91	.4	27	5	423	2.90	12	<5	<2	4	124	.8	<2	<2	70	2.47	.105	10	35	1.33	535	.06	6	.88	.04	.40	<2	48
196743	29	359	10	78	<.3	20	4	874	2.64	6	<5	<2	3	120	.7	<2	<2	51	2.67	.094	8	24	1.20	345	.03	5	.45	.03	.22	<2	15
STANDARD C3/AU-R	25	64	32	157	5.6	37	12	739	3.42	54	18	2	20	31	23.6	14	23	83	.64	.097	18	171	.68	150	.11	20	1.90	.04	.17	15	509

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-109

DATE RECEIVED: MAY 5 1997 DATE REPORT MAILED: May 9/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-2024 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196744	74	1253	10	69	.3	27	5	245	3.28	<2	<5	<2	3	123	.5	<2	<2	67	2.35	.107	9	45	1.46	376	.04	3	.67	.05	.28	3	35
196745	37	191	6	68	<.3	26	5	301	3.16	<2	<5	<2	3	111	.5	<2	<2	68	2.49	.108	11	37	1.30	407	.03	4	.70	.06	.26	2	16
196746	51	1466	10	69	.4	26	6	218	2.87	2	<5	<2	3	87	.4	<2	2	64	2.35	.116	9	35	1.23	244	.03	3	.56	.04	.21	3	77
196747	52	861	13	104	.3	25	5	353	3.12	3	<5	<2	3	99	.5	<2	<2	68	2.52	.108	10	37	1.36	366	.04	4	.74	.05	.28	2	56
196748	150	5372	10	93	2.3	32	13	729	3.52	5	<5	<2	3	98	.6	<2	<2	59	2.47	.126	8	37	1.38	127	.01	3	.62	.04	.20	2	367
196749	80	3617	14	103	1.4	29	7	447	3.30	<2	<5	<2	3	92	.6	<2	<2	60	2.50	.105	8	35	1.29	109	.01	3	.74	.05	.19	<2	147
196750	97	4334	27	145	2.0	25	7	1096	3.39	22	<5	<2	3	133	.7	2	4	52	2.77	.093	7	33	1.30	67	.01	4	.56	.04	.20	2	430
196751	95	4741	13	94	1.4	33	10	237	3.47	<2	<5	<2	2	103	.6	<2	<2	74	2.66	.134	8	41	1.51	74	.02	4	.88	.06	.24	<2	168
196752	30	2484	16	118	.9	30	49	781	3.21	2	<5	<2	3	94	.6	<2	3	57	2.83	.120	9	32	1.43	40	.02	3	.60	.04	.21	3	139
196753	23	332	14	131	<.3	30	42	1483	3.66	5	<5	<2	3	100	.7	<2	<2	69	2.64	.120	10	39	1.50	35	.04	4	.88	.05	.37	<2	26
196754	46	2441	9	46	.7	31	29	247	3.26	3	<5	<2	3	95	.5	<2	2	85	2.31	.122	12	49	1.37	134	.05	3	.79	.05	.30	3	104
196755	44	1012	5	44	.3	29	9	216	3.23	2	<5	<2	3	130	.4	<2	<2	83	2.25	.106	12	45	1.39	759	.06	3	.86	.05	.35	2	67
196756	138	923	6	49	.3	27	6	330	3.61	<2	<5	<2	3	128	.5	<2	<2	78	2.38	.114	14	53	1.40	860	.07	<3	.92	.05	.40	2	69
196757	96	1133	13	116	.8	37	20	1401	3.83	6	<5	<2	3	95	.9	<2	3	75	2.62	.121	9	45	1.53	285	.06	3	1.13	.03	.40	<2	67
196758	70	1450	14	160	.9	34	17	2148	3.99	9	<5	<2	3	92	.9	9	2	71	2.14	.109	11	45	1.44	224	.06	3	.82	.04	.41	3	73
196759	17	996	9	143	.3	28	9	613	3.60	3	<5	<2	4	75	.8	2	2	72	1.91	.108	12	44	1.47	286	.12	<3	1.12	.04	.52	2	45
196760	71	1667	12	136	.7	26	11	1170	3.77	4	<5	<2	4	64	.8	<2	<2	62	1.82	.110	12	37	1.33	141	.07	<3	.93	.03	.36	2	85
196761	159	1184	6	57	.6	27	10	310	3.65	<2	<5	<2	4	117	.6	2	<2	75	1.77	.118	14	46	1.44	819	.14	<3	.92	.06	.59	2	140
196762	39	1059	<3	41	.3	31	11	213	4.01	<2	<5	<2	4	96	.7	<2	<2	89	1.45	.123	14	55	1.53	752	.22	<3	1.08	.06	.83	4	57
RE 196762	39	1087	3	40	.3	30	11	215	4.06	<2	<5	<2	4	97	.6	<2	<2	90	1.47	.123	15	56	1.55	737	.22	<3	1.09	.06	.83	4	59
196763	97	1715	6	35	.4	21	10	170	3.32	<2	<5	<2	4	73	.5	<2	<2	71	1.31	.111	15	39	1.16	222	.12	<3	.86	.08	.54	4	81
196764	304	3361	5	36	.8	13	11	174	2.55	<2	<5	<2	3	48	.4	<2	<2	45	.81	.062	12	20	.68	195	.03	<3	.56	.07	.26	7	156
196765	249	7657	5	41	1.8	51	27	194	5.88	2	<5	<2	3	60	.9	<2	<2	84	1.10	.120	11	102	1.67	62	.17	<3	1.23	.08	.89	3	297
196766	233	2918	4	40	.8	13	10	262	5.80	<2	<5	<2	2	58	1.0	<2	2	28	1.08	.183	16	18	1.03	197	.08	<3	.59	.09	.32	5	118
196767	241	3075	4	38	.8	19	10	193	4.50	<2	<5	<2	3	59	.6	<2	<2	46	.98	.151	15	31	1.23	257	.15	<3	.85	.09	.58	3	127
196768	117	3891	4	41	1.4	11	14	282	5.01	2	<5	<2	2	67	.8	<2	3	19	1.51	.156	17	14	1.09	172	.05	<3	.51	.08	.24	4	204
196769	254	4031	5	41	1.3	17	14	200	4.64	<2	<5	<2	3	58	.7	<2	2	40	1.07	.154	15	26	1.22	241	.12	<3	.79	.09	.50	3	192
196770	44	2095	4	44	.6	28	13	198	5.04	2	<5	<2	4	52	.8	<2	<2	73	.81	.136	15	57	1.62	289	.26	<3	1.18	.09	.96	6	96
196771	175	3537	7	54	1.2	12	12	303	5.43	2	<5	<2	3	61	.8	<2	2	25	1.15	.174	16	15	.99	109	.07	<3	.73	.10	.31	3	193
196772	350	6161	6	55	1.5	14	16	271	6.01	2	<5	<2	2	55	.7	<2	<2	23	.92	.185	14	15	.92	137	.06	<3	.64	.08	.30	5	304
196773	333	6876	6	44	1.7	12	17	226	5.68	3	<5	<2	2	65	.8	2	4	20	1.23	.158	14	13	.95	54	.07	<3	.66	.09	.31	3	359
196774	44	3395	5	45	.8	8	13	262	6.05	2	<5	<2	2	51	.8	<2	<2	18	.98	.193	14	13	1.00	248	.12	<3	.69	.08	.47	4	145
196775	82	2709	3	44	.8	10	9	318	5.86	2	<5	<2	2	62	.8	<2	<2	20	1.12	.177	16	13	1.08	221	.12	<3	.73	.11	.50	4	186
196776	216	2295	4	41	.6	8	9	283	5.86	<2	<5	<2	2	44	.7	<2	<2	20	.83	.182	14	13	.96	185	.13	<3	.69	.09	.50	4	115
196777	219	3445	3	36	.8	10	8	200	5.48	3	<5	<2	2	56	.7	<2	<2	20	.97	.180	13	13	.98	179	.10	<3	.69	.10	.42	4	152
STANDARD C3/AU-R	27	65	35	157	5.6	37	12	747	3.52	56	22	2	19	31	24.9	18	22	84	.64	.099	18	171	.70	150	.10	18	1.92	.04	.17	16	525

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-109

Data C FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196778	186	4394	8	37	1.1	8	9	164	5.83	14	<5	<2	3	68	.6	<2	<2	19	.98	.176	12	8	.96	193	.07	<3	.59	.08	.33	2	114
196779	440	6374	8	50	1.5	9	38	261	5.75	8	<5	<2	3	65	.7	<2	7	20	1.34	.183	14	8	.99	71	.06	3	.64	.10	.30	<2	360
196780	46	3064	5	41	.7	15	22	168	5.42	9	<5	<2	3	52	.6	<2	4	40	1.19	.168	13	22	1.07	103	.09	3	.71	.09	.40	4	118
196781	22	1832	7	39	.6	23	27	217	4.07	7	<5	<2	3	70	.6	<2	<2	58	1.78	.137	11	40	1.34	57	.11	4	.92	.09	.53	4	51
196782	40	2309	5	45	.5	35	13	174	3.74	4	<5	<2	5	82	.3	<2	<2	89	1.15	.127	12	65	1.64	315	.23	<3	1.16	.09	.89	4	109
196783	65	2218	5	46	.4	36	15	197	3.80	4	6	<2	5	96	.5	<2	<2	93	1.25	.127	13	66	1.61	334	.22	<3	1.18	.09	.84	3	85
196784	63	1583	<3	53	.3	34	20	208	3.74	5	<5	<2	5	107	.7	<2	<2	82	1.59	.116	13	58	1.67	215	.18	3	1.12	.08	.75	3	67
196785	39	2387	5	44	.5	32	14	166	3.47	2	<5	<2	5	99	.5	<2	3	85	1.22	.117	13	58	1.52	352	.20	3	1.14	.09	.80	3	127
196786	60	1993	8	66	.8	34	16	592	3.64	5	<5	<2	5	114	.5	<2	<2	77	2.08	.122	14	57	1.61	134	.15	4	1.07	.07	.67	3	97
196787	84	2876	15	102	1.2	19	8	824	4.37	89	<5	<2	3	126	.7	<2	2	38	2.10	.144	11	22	.86	53	.02	5	.76	.06	.20	2	54
RE 196787	84	2857	16	101	1.2	18	8	817	4.34	89	<5	<2	2	125	.7	<2	<2	37	2.09	.142	11	22	.86	50	.02	4	.76	.06	.20	2	69
196788	111	3151	12	60	1.2	20	11	349	3.53	49	<5	<2	3	115	.4	2	<2	45	2.41	.135	12	25	1.20	106	.04	5	.79	.08	.26	3	65
196789	145	3762	81	189	1.5	26	11	906	3.08	12	<5	<2	3	342	.7	4	2	62	2.10	.095	12	35	1.17	207	.04	6	.92	.05	.39	<2	58
196790	106	2471	13	108	.8	25	8	327	2.87	3	<5	<2	4	393	.3	<2	<2	71	2.17	.093	13	39	1.27	393	.06	5	.86	.05	.39	2	26
196791	65	1402	15	107	.5	22	15	377	2.56	9	<5	<2	3	138	.3	<2	<2	63	2.34	.093	11	33	1.07	246	.03	5	.82	.05	.28	2	27
196792	102	2676	28	115	1.0	26	9	400	2.73	6	<5	<2	3	105	.3	<2	<2	66	2.07	.093	12	37	1.03	151	.03	4	.85	.05	.28	2	53
196793	120	1956	8	59	.6	31	10	274	3.35	6	5	<2	3	83	.4	<2	<2	92	1.85	.102	12	56	1.27	340	.07	4	1.26	.04	.42	<2	53
196794	81	2024	16	98	.6	29	10	556	3.90	73	<5	<2	3	79	.7	2	<2	74	3.25	.096	9	41	1.39	44	.01	4	1.15	.01	.15	2	26
196795	106	3415	12	87	.9	27	10	631	3.65	79	<5	<2	3	53	.5	3	<2	69	2.30	.097	8	38	.97	35	<.01	4	.93	.01	.12	<2	54
196796	94	1325	6	55	.4	28	8	258	3.53	4	<5	<2	4	108	.5	<2	<2	87	1.99	.105	11	48	1.33	534	.08	4	1.04	.04	.41	2	26
196797	23	333	6	41	<.3	28	8	309	2.97	15	<5	<2	3	103	.5	<2	<2	84	2.78	.109	12	50	1.34	237	.04	5	1.13	.05	.26	2	10
196798	17	744	9	44	.3	30	8	274	3.31	40	<5	<2	3	131	.5	<2	<2	90	2.38	.108	13	50	1.27	165	.07	5	1.08	.05	.40	3	35
196799	11	550	11	106	<.3	29	6	1264	3.84	46	<5	<2	4	125	.7	<2	<2	61	2.89	.092	12	45	1.55	53	.05	6	.99	.05	.40	2	11
196800	20	1623	10	133	.5	28	6	839	3.15	2	<5	<2	4	120	.4	<2	2	54	2.85	.120	15	48	1.51	405	.04	6	.79	.05	.34	2	19
196801	16	3851	24	136	1.1	33	7	401	6.06	46	<5	<2	4	317	1.0	<2	<2	55	2.36	.144	13	43	1.37	54	.04	6	.81	.07	.30	<2	144
196802	12	4101	20	118	1.6	29	7	298	6.07	5	5	<2	3	1627	1.0	2	<2	49	2.29	.141	15	48	1.55	221	.07	4	.81	.06	.42	2	60
196803	8	3101	23	116	1.2	11	5	348	5.87	7	<5	<2	3	265	.8	<2	<2	22	1.55	.156	14	10	.97	154	.04	5	.59	.09	.25	2	42
196804	8	1968	23	317	.9	8	5	2902	5.81	9	<5	<2	2	309	1.5	7	<2	16	1.89	.178	12	12	.94	171	.04	6	.61	.08	.30	2	68
196805	24	1881	15	79	.6	6	6	320	5.45	3	<5	<2	2	271	.8	<2	<2	15	1.27	.175	14	11	.95	157	.07	4	.69	.11	.34	2	85
196806	77	3186	86	117	1.5	11	13	792	4.54	17	5	<2	2	141	1.5	6	<2	19	2.39	.172	17	13	1.07	75	.03	4	.49	.08	.23	4	120
196807	11	3256	10	64	.9	7	8	396	5.90	2	<5	<2	3	627	.8	2	<2	17	1.14	.179	14	8	.92	185	.10	<3	.63	.09	.41	<2	94
196808	6	2744	5	39	.8	8	7	212	5.81	3	<5	<2	3	154	.8	<2	2	19	.83	.182	14	12	.90	230	.11	<3	.69	.10	.43	2	110
196809	26	2723	6	53	.7	5	7	281	5.32	2	<5	<2	4	350	.8	<2	2	18	1.06	.176	15	10	.87	144	.09	3	.65	.11	.36	2	132
196810	8	1798	13	131	.6	7	7	459	5.57	5	<5	<2	3	76	.9	<2	4	18	1.16	.180	14	13	.84	547	.10	<3	.68	.08	.39	2	77
196811	15	1780	6	47	.5	5	10	307	6.30	4	<5	<2	3	48	.8	<2	<2	21	1.35	.167	15	11	.89	124	.09	3	.66	.11	.35	2	45
STANDARD C3/AU-R	26	66	34	157	5.5	38	12	734	3.44	58	21	2	20	32	25.0	15	25	84	.64	.099	18	172	.69	151	.11	20	1.91	.04	.17	16	516

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. May 9/97 Date FA

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AC #'s: 97-2024
97-2145

BOOKER GOLD EXPLORATIONS LTD.

Location: 10120W, 9933S	Dips - collar	-75 °	Contractor: J.T.T.
Azimuth: 236°	910' - 264.2 m	-76 °	Logged by: D.M.
Elevation:	- m	°	Date: May 2, 97
Length: 264.2m 867'	- m	°	
Core size: NQ			
Purpose: to intersect strong mineralization at depth from previous holes			

Hole No.	DDH97-110
Property:	Hearne Hill
Claim No.	Hearne 1
Section No.	
Started:	Apr 28/97
Completed:	May 2/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PP B	Ag PP M	Mo PP M
0	3.0	casing, no core.			logged after split										
3.0	8.1	Andesitic Hornfels f.g. hornfelsing w few BFP frags. - Fractures few, v. siliceous - stockwork veinlets throughout, interlocking thin - weakly magnetic - f.g, siliceous	3.0	8.1	Potassic/Phyllic alt'd. - biot, vitreous partly alt'd to seric. strong FeOx on fractures - cpx < 1% as small blebs in fractures.	1-2	various	carb ± cp ± py	196787	3.5	5.7	2876	69	1.2	84
									788	5.7	8.2	3151	65	1.2	111
8.1	449	BFP dike. - contact @ upper unit 90° to C.A. - m.g, 50% euhedral Fspars < 0.5cm dia., - single phase, fractures Ca. 0-45° to C.A. - light grey to bleached.	8.1	449	Argillic (weak-advanced) - Fspars → seric, sepid - FeOx on fractures to 29.5 m. - py ≈ cp, cp ~ 0.5% as blebs < 1cm dia. in veinlets.	1-2	0-28	carb-qtz-cp ± py	789	8.2	11.2	3762	58	1.5	145
									790	11.2	14.3	2471	26	.8	106
									791	14.3	17.3	1402	27	.5	65
									792	17.3	20.4	2676	53	1.0	102
									793	20.4	23.4	1956	53	.6	120
									794	23.4	26.5	2024	26	.6	81
									795	26.5	29.5	3415	54	.9	106

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		- biot throughout.			minor dark green staining				796	29.5	32.6	1325	26	.4	94
		- few veinlets.			around sul (cp) chl?				797	32.6	35.6	333	10	<.3	23
					- minor hem staining in				798	35.6	38.7	744	35	.3	17
					areas.				799	38.7	41.7	550	11	<.3	11
									800	41.7	44.8	1623	19	.5	20
					23.6 - 30.4m										
					bleached BFP, virtually										
					no biot, advanced argillic										
					alt'n.										
44.7	1484	Andesitic Hoofe ls Stockwk	44.7	1484	Potassic / Phyllic	1-3	numerous	mag (hem) barb	801	44.8	47.8	3851	144	1.1	16
		- f.g. porphyritic, numerous			seric, fig. biot,			± cp ± py	802	47.8	50.9	4101	60	1.6	12
		interlocking wavy veinlets.			mag				803	50.9	53.9	3101	42	1.2	8
		- few distinct xenoliths			- cp veneer on fractures				804	53.9	56.9	1968	68	.9	8
		of BFP in 1st 4m			→ 1% cp > py				805	56.9	60.0	1881	85	.6	24
		of unit, contact			py f.g throughout				806	60.0	63.0	3186	120	1.5	77
		very indistinct.			- rock flour (Kaol.)				807	63.0	66.1	3256	94	.9	11
		- Faded xenolithic text.			in small openings in				808	66.1	68.1	2744	110	.8	6
		in some areas.			interlocking veinlets				809	68.1	72.2	2723	132	.7	26
		- xenoliths rnd. w halos.							810	72.2	75.2	1798	77	.6	8
		- sul mainly in stockwork		cut	61.4m				811	75.2	78.3	1780	45	.5	15
		- strongly magnetic veinlets			thick, 1cm veinlet of				812	78.3	81.3	1747	40	<.3	18
		mag			py + qtz, minor cp				813	81.3	84.4	1641	67	<.3	10
		- few fractures.			blebs.										
		- hardness ~ 6, siliceous.													
		- few fractures // to C.A.													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		63.1 - 90.16 m						
		- fractures coated w carb +						
		Andesitic Hornfels, m.g.						
		91.3 - 121.4 m			91.3 - 148.4 m			
		more fractured + rubbly			- decrease in bp in			
		than surrounding rock			veinlets, more diss. Cp			
		very jagged, x-cut			- Cp decrease w depth			
		by BFP dikes						
		- few areas intensly fractured.						
		- Fractures @ several orientations						
		96.8 - 99.3 m.						
		BFP dike, x-cut						
		C.A.,						
				at	122.8 m			
		104.5 - 105.7 m			small openings, weak bisx			
		BFP, dike mafic-dark			cement, little void space.			
		m.g., a/a fractured						
		but not as much as						
		surrounding rock.						
		117.6 - 118.9 m						
		BFP dike, m.g., fresh						
		unfractured material						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
814	84.4	87.4	3624	209	.7	14
815	87.4	90.5	1489	27	.3	9
816	90.5	93.5	2345	81	.4	6
817	93.5	96.0	1631	25	.3	5
818	96.0	99.6	2431	43	.6	14
819	99.6	102.7	1026	17	<.3	4
820	102.7	104.5	1760	40	.4	10
821	104.5	107.5	1421	58	<.3	4
822	107.5	110.9	1726	48	.5	4
823	110.9	114.3	1944	73	.5	8
824	114.3	117.6	1355	45	.3	6
825	117.6	120.3	1160	34	<.3	3
826	120.3	124.6	1410	39	.4	8
827	124.6	127.4	1281	23	<.3	2
828	127.4	131.6	2052	35	.4	8

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance
		135.8-137.7 m						
		BFP dike, very crowded						
		texture, light coloured		at	146.3			
		tn. little biot, almost-			rockflour on fractures			
		entirely seric.			10° to C.A.			
148.4	264.2	BFP m.g. → f.g.	148.4	220.2	Argillic Int.	1-3	0-20	carb-py±cp
		size v. mafic, dark			-serie±epid			
		siliceous, fresh,			-carb cement+sus in			
		-becomes c.g. @			veinlets			
		149.0 m.			-cp<<1%			
		-more competent than						
		Stockwk,						
		-few fractures ≥ 1m						
		apart 0-20° to C.A.						
		-decrease in mag+						
		sus						
		-few veinlets, usually						
		parallel to C.A, some						
		look like slickensides						
		220.2-250.8 m (fault)	220.2	236.2	Potassic Alt'n.	1-3		carb-mag(hem)
		-fractures abundant			-mag.-biot±cp			-py±cp
		like a stockwk, dark			more abundant.			
		colour, cloudy anhedral			-carb on fractures			
		fspars <40%, mafic.			-serie of fspars			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
829	131.6	134.4	2191	39	.5	18
830	134.4	137.4	2138	45	.5	14
831	137.4	139.2	3196	49	.8	12
832	139.2	142.3	2054	38	.3	8
833	142.3	145.3	1698	79	.3	2
834	145.3	148.4	2495	94	.5	3
835	148.4	151.4	1732	139	<.3	3
836	151.4	154.5	930	22	<.3	3
837	154.5	157.5	2491	136	<.3	6
838	157.5	160.6	2520	132	<.3	7
839	160.6	163.6	2498	113	.3	28
840	163.6	166.7	1770	34	<.3	7
841	166.7	169.7	2242	102	<.3	5
842	169.7	172.8	1607	49	<.3	6
843	172.8	175.8	1557	239	<.3	4
844	175.8	178.9	1165	93	<.3	3
845	178.9	181.9	1363	70	<.3	4
846	181.9	181.9	1511	111	<.3	15
847	181.9	185.0	1193	35	<.3	13
848	185.0	188.0	1080	44	<.3	9
849	188.0	191.1	1173	65	.6	20
850	191.1	194.1	5884	378	1.0	30
251	194.1	197.2	3996	381	.8	12
252	197.2	200.2	2946	114	.3	5
253	200.2	203.3	2778	148	.5	1

blocks wrong* 10' less.

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance
		cont'd			Cp irregular diss.			
		weakly fragmental			blebs py > Cp			
		texture, ang. frag.			in veinlets + fracture			
		supp., cement by carb			Cp ≈ 0.5%			
		later sul's						
		- fractures + veinlets	232	244.2	Argillic, Int.			
		subparallel to C.A.			silic + epid.			
					minor mag., thick			
		250.8 - 259.0			carb (calcite) cement			
		more competent			along veins in rock			
		fractures predominantly						
		30° to C.A.						
		- increase in fspars,						
		- decrease in xtal size						
	at	259.0m						
		thick carb band w	at	244.3	carb. infilling w large			
		py > 10cm thick			blebs > 1cm dia. Cp +			
		cuts C.A. @ 30°			py, open vug filling			
		- rubble for 30cm.						
	264.2	B.O.H.						
	867'							

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
254	203.3	206.3	1458	66	<.3	6
255	206.3	209.3	860	34	.3	3
256	209.3	212.4	1211	29	<.3	5
259	212.4	215.4	877	50	<.3	17
260	215.4	218.5	1373	198	<.3	9
261	218.5	221.5	1275	48	<.3	6
262	221.5	224.3	1239	57	.3	14
263	224.3	227.3	1618	67	.3	8
264	227.3	230.7	1062	54	<.3	20
265	230.7	234.3	2756	318	1.1	108
266	234.3	237.4	2858	297	1.2	38
267	237.4	240.7	1036	40	.3	25
268	240.7	243.3	1058	37	<.3	10
269	243.3	245.0	1310	130	<.3	27
270	245.0	248.4	838	35	<.3	8
271	248.4	250.8	1576	121	<.3	11
272	250.8	253.8	2198	201	.3	19
273	253.8	256.9	1426	219	.3	11
274	256.9	259.3	601	38	1.0	3
275	259.3	261.2	936	118	.3	2
276	261.2	264.2	1049	232	<.3	3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196778	186	4394	8	37	1.1	8	9	164	5.83	14	<5	<2	3	68	.6	<2	<2	19	.98	.176	12	8	.96	193	.07	<3	.59	.08	.33	2	114
196779	440	6374	8	50	1.5	9	38	261	5.75	8	<5	<2	3	65	.7	<2	7	20	1.34	.183	14	8	.99	71	.06	3	.64	.10	.30	<2	360
196780	46	3064	5	41	.7	15	22	168	5.42	9	<5	<2	3	52	.6	<2	4	40	1.19	.168	13	22	1.07	103	.09	3	.71	.09	.40	4	118
196781	22	1832	7	39	.6	23	27	217	4.07	7	<5	<2	3	70	.6	<2	<2	58	1.78	.137	11	40	1.34	57	.11	4	.92	.09	.53	4	51
196782	40	2309	5	45	.5	35	13	174	3.74	4	<5	<2	5	82	.3	<2	<2	89	1.15	.127	12	65	1.64	315	.23	<3	1.16	.09	.89	4	109
196783	65	2218	5	46	.4	36	15	197	3.80	4	6	<2	5	96	.5	<2	<2	93	1.25	.127	13	66	1.61	334	.22	<3	1.18	.09	.84	3	85
196784	63	1583	<3	53	.3	34	20	208	3.74	5	<5	<2	5	107	.7	<2	<2	82	1.59	.116	13	58	1.67	215	.18	3	1.12	.08	.75	3	67
196785	39	2387	5	44	.5	32	14	166	3.47	2	<5	<2	5	99	.5	<2	3	85	1.22	.117	13	58	1.52	352	.20	3	1.14	.09	.80	3	127
196786	60	1993	8	66	.8	34	16	592	3.64	5	<5	<2	5	114	.5	<2	<2	77	2.08	.122	14	57	1.61	134	.15	4	1.07	.07	.67	3	97
196787	84	2876	15	102	1.2	19	8	824	4.37	89	<5	<2	3	126	.7	<2	2	38	2.10	.144	11	22	.86	53	.02	5	.76	.06	.20	2	54
RE 196787	84	2857	16	101	1.2	18	8	817	4.34	89	<5	<2	2	125	.7	<2	<2	37	2.09	.142	11	22	.86	50	.02	4	.76	.06	.20	2	69
196788	111	3151	12	60	1.2	20	11	349	3.53	49	<5	<2	3	115	.4	2	<2	45	2.41	.135	12	25	1.20	106	.04	5	.79	.08	.26	3	65
196789	145	3762	81	189	1.5	26	11	906	3.08	12	<5	<2	3	342	.7	4	2	62	2.10	.095	12	35	1.17	207	.04	6	.92	.05	.39	<2	58
196790	106	2471	13	108	.8	25	8	327	2.87	3	<5	<2	4	393	.3	<2	<2	71	2.17	.093	13	39	1.27	393	.06	5	.86	.05	.39	2	26
196791	65	1402	15	107	.5	22	15	377	2.56	9	<5	<2	3	138	.3	<2	<2	63	2.34	.093	11	33	1.07	246	.03	5	.82	.05	.28	2	27
196792	102	2676	28	115	1.0	26	9	400	2.73	6	<5	<2	3	105	.3	<2	<2	66	2.07	.093	12	37	1.03	151	.03	4	.85	.05	.28	2	53
196793	120	1956	8	59	.6	31	10	274	3.35	6	5	<2	3	83	.4	<2	<2	92	1.85	.102	12	56	1.27	340	.07	4	1.26	.04	.42	<2	53
196794	81	2024	16	98	.6	29	10	556	3.90	73	<5	<2	3	79	.7	2	<2	74	3.25	.096	9	41	1.39	44	.01	4	1.15	.01	.15	2	26
196795	106	3415	12	87	.9	27	10	631	3.65	79	<5	<2	3	53	.5	3	<2	69	2.30	.097	8	38	.97	35	<.01	4	.93	.01	.12	<2	54
196796	94	1325	6	55	.4	28	8	258	3.53	4	<5	<2	4	108	.5	<2	<2	87	1.99	.105	11	48	1.33	534	.08	4	1.04	.04	.41	2	26
196797	23	333	6	41	<.3	28	8	309	2.97	15	<5	<2	3	103	.5	<2	<2	84	2.78	.109	12	50	1.34	237	.04	5	1.13	.05	.26	2	10
196798	17	744	9	44	.3	30	8	274	3.31	40	<5	<2	3	131	.5	<2	<2	90	2.38	.108	13	50	1.27	165	.07	5	1.08	.05	.40	3	35
196799	11	550	11	106	<.3	29	6	1264	3.84	46	<5	<2	4	125	.7	<2	<2	61	2.89	.092	12	45	1.55	53	.05	6	.99	.05	.40	2	11
196800	20	1623	10	133	.5	28	6	839	3.15	2	<5	<2	4	120	.4	<2	2	54	2.85	.120	15	48	1.51	405	.04	6	.79	.05	.34	2	19
196801	16	3851	24	136	1.1	33	7	401	6.06	46	<5	<2	4	317	1.0	<2	<2	55	2.36	.144	13	43	1.37	54	.04	6	.81	.07	.30	<2	144
196802	12	4101	20	118	1.6	29	7	298	6.07	5	5	<2	3	1627	1.0	2	<2	49	2.29	.141	15	48	1.55	221	.07	4	.81	.06	.42	2	60
196803	8	3101	23	116	1.2	11	5	348	5.87	7	<5	<2	3	265	.8	<2	<2	22	1.55	.156	14	10	.97	154	.04	5	.59	.09	.25	2	42
196804	8	1968	23	317	.9	8	5	2902	5.81	9	<5	<2	2	309	1.5	7	<2	16	1.89	.178	12	12	.94	171	.04	6	.61	.08	.30	2	68
196805	24	1881	15	79	.6	6	6	320	5.45	3	<5	<2	2	271	.8	<2	<2	15	1.27	.175	14	11	.95	157	.07	4	.69	.11	.34	2	85
196806	77	3186	86	117	1.5	11	13	792	4.54	17	5	<2	2	141	1.5	6	<2	19	2.39	.172	17	13	1.07	75	.03	4	.49	.08	.23	4	120
196807	11	3256	10	64	.9	7	8	396	5.90	2	<5	<2	3	627	.8	2	<2	17	1.14	.179	14	8	.92	185	.10	<3	.63	.09	.41	<2	94
196808	6	2744	5	39	.8	8	7	212	5.81	3	<5	<2	3	154	.8	<2	2	19	.83	.182	14	12	.90	230	.11	<3	.69	.10	.43	2	110
196809	26	2723	6	53	.7	5	7	281	5.32	2	<5	<2	4	350	.8	<2	2	18	1.06	.176	15	10	.87	144	.09	3	.65	.11	.36	2	132
196810	8	1798	13	131	.6	7	7	459	5.57	5	<5	<2	3	76	.9	<2	4	18	1.16	.180	14	13	.84	547	.10	<3	.68	.08	.39	2	77
196811	15	1780	6	47	.5	5	10	307	6.30	4	<5	<2	3	48	.8	<2	<2	21	1.35	.167	15	11	.89	124	.09	3	.66	.11	.35	2	45
STANDARD C3/AU-R	26	66	34	157	5.5	38	12	734	3.44	58	21	2	20	32	25.0	15	25	84	.64	.099	18	172	.69	151	.11	20	1.91	.04	.17	16	516

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

May 9/97 Date FA

97-110 DDH

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196812	18	1747	6	51	<.3	5	10	475	5.59	4	<5	<2	<2	162	.2	<2	<2	22	1.14	.175	15	10	1.09	326	.13	<3	.67	.10	.50	2	40
196813	10	1641	5	45	<.3	6	8	305	4.81	4	<5	<2	2	249	<.2	<2	<2	25	1.08	.155	15	10	.99	96	.11	<3	.63	.12	.43	3	67
196814	14	3624	6	39	.7	6	9	197	5.69	4	<5	<2	2	97	<.2	<2	<2	24	.79	.155	13	9	1.15	145	.18	<3	.79	.11	.67	2	209
196815	9	1489	5	39	.3	6	7	280	5.51	6	<5	<2	2	406	<.2	<2	<2	20	1.31	.168	13	8	.94	101	.10	<3	.63	.10	.41	2	27
196816	6	2345	4	39	.4	6	8	254	5.86	<2	<5	<2	3	76	.2	<2	<2	19	.87	.159	12	12	.90	127	.15	<3	.73	.11	.53	5	81
RE 196816	6	2339	3	37	.4	6	8	251	5.79	6	<5	<2	2	75	<.2	<2	<2	19	.87	.158	12	12	.90	127	.15	<3	.73	.11	.53	5	69
STANDARD C3/AU-R	25	64	35	163	5.4	36	12	735	3.41	58	15	2	17	32	24.6	15	22	83	.62	.091	17	168	.67	155	.10	20	1.93	.04	.18	21	501

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-110

 May 9/97. Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PH (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2145 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196251	12	3996	3	35	.8	29	9	124	3.07	4	<5	<2	5	101	.4	<2	<2	93	1.38	.108	15	48	1.32	245	.21	3	1.00	.10	.80	2	381
196252	5	2946	4	38	.3	30	11	133	4.10	5	5	<2	4	654	.7	<2	<2	93	1.09	.098	12	47	1.24	244	.20	<3	.82	.07	.76	2	114
196253	1	2778	<3	36	.5	28	9	170	3.72	2	<5	<2	6	704	.7	<2	<2	86	1.00	.096	11	51	1.08	483	.17	3	.80	.10	.63	2	148
196254	6	1458	<3	34	<.3	26	8	163	3.01	<2	<5	<2	5	1426	.5	2	2	77	1.24	.088	13	51	1.06	433	.15	3	.77	.09	.59	4	66
196255	3	860	6	35	.3	26	9	177	3.34	<2	<5	<2	6	188	.6	<2	<2	80	1.09	.098	14	49	1.03	434	.15	3	.82	.09	.59	3	34
196256	5	1211	4	47	<.3	32	15	188	3.72	3	5	<2	5	193	.6	<2	<2	72	1.85	.100	14	45	1.03	97	.11	3	.83	.06	.46	3	29
196259	17	877	3	46	<.3	28	11	203	3.08	3	<5	<2	5	237	.5	<2	2	69	2.05	.100	14	41	1.06	153	.10	<3	.96	.04	.41	2	50
196260	9	1373	4	39	<.3	26	9	180	2.92	4	<5	<2	6	211	.4	<2	2	71	2.55	.102	16	45	1.15	346	.12	3	.91	.05	.50	2	198
196261	6	1275	3	52	<.3	27	9	333	3.21	3	<5	<2	5	267	.5	<2	<2	78	2.09	.098	13	51	1.22	370	.14	3	.82	.09	.55	3	48
196262	14	1239	<3	47	.3	28	10	207	3.36	<2	<5	<2	5	74	.7	<2	<2	89	1.15	.100	13	59	1.26	285	.18	3	.95	.09	.67	3	57
196263	8	1618	<3	38	.3	28	9	173	3.94	2	<5	<2	5	64	.7	<2	<2	94	1.05	.096	12	59	1.40	298	.21	4	1.03	.10	.80	3	67
RE 196263	8	1608	<3	38	<.3	27	9	172	3.94	<2	<5	<2	4	64	.7	<2	<2	94	1.04	.096	12	60	1.39	297	.21	3	1.04	.10	.80	2	55
196264	20	1062	<3	50	<.3	27	10	231	4.46	<2	<5	<2	5	96	.9	<2	<2	99	1.24	.108	13	61	1.32	210	.18	<3	.97	.11	.73	2	54
196265	108	2756	3	53	1.1	28	10	346	4.34	4	<5	<2	4	234	.8	6	<2	83	1.34	.092	11	54	1.25	266	.17	3	.89	.10	.66	3	318
196266	38	2858	3	80	1.2	29	11	554	4.44	9	6	<2	5	146	1.0	10	<2	81	1.23	.091	10	49	1.24	186	.16	3	.76	.08	.64	3	297
196267	25	1036	3	44	.3	26	11	257	3.84	2	<5	<2	5	308	.6	<2	<2	74	1.27	.084	10	48	1.19	177	.15	4	.79	.09	.59	3	40
196268	10	1058	<3	45	<.3	28	10	219	4.12	<2	<5	<2	5	262	.6	2	<2	91	.88	.092	9	59	1.29	299	.21	4	.94	.14	.79	5	37
196269	27	1310	3	44	<.3	25	10	190	4.19	<2	6	<2	4	890	.6	2	<2	81	1.10	.088	10	50	1.24	196	.17	3	.81	.10	.67	3	130
196270	8	838	3	44	<.3	27	9	183	4.32	<2	<5	<2	5	330	.7	<2	<2	90	.83	.093	10	54	1.31	268	.20	4	.86	.11	.77	3	35
196271	11	1576	<3	46	<.3	37	10	188	4.39	<2	<5	<2	5	1206	.9	2	<2	95	1.34	.106	14	74	1.70	335	.25	3	1.09	.10	1.01	3	121
196272	19	2198	5	40	.3	34	11	184	4.05	11	<5	<2	5	802	.8	<2	<2	81	1.84	.109	12	65	1.52	282	.17	3	.93	.08	.68	4	201
196273	11	1426	3	45	.3	29	10	219	4.55	26	<5	<2	5	734	.7	<2	3	87	1.61	.106	11	54	1.28	219	.12	3	.79	.08	.54	2	219
196274	3	601	20	141	1.0	33	9	2195	5.63	297	<5	<2	3	174	1.3	19	<2	56	6.44	.074	7	28	2.39	49	.01	4	.54	.02	.14	<2	38
196275	2	936	8	51	.3	27	9	405	3.83	45	<5	<2	5	117	.8	<2	<2	66	2.25	.092	9	43	1.28	122	.07	4	.70	.06	.32	3	118
196276	3	1049	5	44	<.3	26	8	198	3.93	2	<5	<2	4	567	.6	<2	<2	81	1.50	.095	10	54	1.35	452	.16	3	.87	.09	.64	4	232
196277	10	692	8	54	<.3	27	9	263	2.73	25	<5	<2	5	551	.6	2	<2	70	1.66	.098	11	40	.88	322	.07	4	.66	.06	.32	2	18
196278	47	1806	15	128	.3	29	10	484	3.89	102	<5	<2	5	148	.9	<2	<2	86	2.66	.098	13	44	1.11	296	.03	4	.83	.03	.22	2	48
196279	101	1931	537	1029	2.0	32	23	8765	7.33	209	<5	<2	4	135	3.1	31	<2	63	3.45	.098	12	40	1.33	83	.01	5	.88	.02	.19	<2	42
196280	68	1262	426	2151	3.8	27	23	19502	9.55	180	<5	<2	3	116	4.5	58	<2	53	3.72	.078	11	26	1.23	69	.01	4	.62	.02	.16	<2	30
196281	76	1120	688	2944	3.7	26	34	26107	13.12	173	<5	<2	2	129	6.0	51	<2	44	3.79	.046	10	18	1.33	38	.01	5	.43	.02	.16	<2	40
196282	15	1358	20	167	<.3	28	11	579	4.08	13	<5	<2	4	227	.9	2	<2	80	1.93	.097	12	54	1.37	236	.11	4	.81	.06	.49	2	36
196283	14	1404	21	109	<.3	27	9	671	3.45	5	<5	<2	4	720	.7	<2	<2	78	1.91	.098	14	56	1.53	283	.16	3	.99	.08	.71	3	53
196284	14	1379	4	47	<.3	25	8	238	4.14	49	<5	<2	5	1456	.8	2	<2	70	2.05	.119	13	44	1.36	637	.12	3	.89	.06	.51	2	32
STANDARD C3/AU-R	26	68	37	160	5.5	38	12	773	3.64	59	24	3	20	31	22.7	18	22	85	.66	.093	18	175	.68	153	.10	21	1.99	.04	.17	16	511

DDH 97-110

DDH 97-111

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P4 CORE CHIP P5 ROCK CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 12 1997 DATE REPORT MAILED: May 16/97 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data A FA

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196319	3	1201	6	57	<.3	30	10	237	3.79	35	<5	<2	4	913	.5	<2	2	79	2.02	.115	12	49	1.38	429	.14	<3	.82	.04	.54	3	91
196320	2	916	<3	46	<.3	31	10	205	3.84	<2	<5	<2	5	956	.4	<2	<2	89	1.11	.123	12	58	1.40	249	.23	<3	.95	.09	.84	3	101
196321	4	1337	<3	44	<.3	38	14	207	4.39	<2	<5	<2	4	1766	.6	<2	<2	89	1.17	.131	13	63	1.66	228	.23	<3	.98	.08	.90	3	129
196817	5	1631	<3	40	.3	8	7	236	5.85	<2	<5	<2	2	62	.5	<2	2	20	.77	.179	14	11	.95	112	.17	<3	.69	.11	.54	3	25
196818	14	2431	5	38	.6	18	9	227	5.22	43	<5	<2	2	1414	.5	<2	<2	52	1.01	.141	14	35	1.24	250	.17	<3	.77	.07	.68	3	43
196819	4	1026	3	41	<.3	10	8	228	6.00	<2	<5	<2	2	62	.6	2	<2	27	.70	.176	15	15	.99	105	.16	<3	.68	.09	.54	3	17
196820	10	1760	<3	40	.4	12	9	305	5.70	4	<5	<2	2	67	.5	<2	<2	25	.68	.186	14	20	1.04	79	.15	<3	.70	.11	.48	5	40
196821	4	1421	<3	41	<.3	21	10	310	4.93	<2	6	<2	2	63	.4	<2	<2	54	.72	.158	14	49	1.29	175	.20	<3	.91	.11	.72	3	58
196822	4	1726	<3	48	.5	10	10	435	6.59	<2	5	<2	3	52	.5	<2	<2	24	.77	.191	15	9	.98	105	.14	<3	.70	.08	.47	2	48
196823	8	1944	14	63	.5	18	9	395	6.79	4	<5	<2	<2	77	.8	<2	<2	35	1.03	.179	14	37	1.16	263	.16	<3	.83	.13	.65	3	73
196824	6	1355	<3	45	.3	10	7	244	6.67	<2	6	<2	3	63	.5	<2	<2	25	.81	.182	14	14	.96	151	.16	<3	.69	.10	.55	5	45
196825	3	1160	<3	47	<.3	23	10	259	5.75	7	7	<2	3	82	.7	<2	<2	57	.91	.162	15	53	1.53	252	.26	<3	1.06	.13	1.00	4	34
196826	8	1410	4	43	.4	11	10	295	5.99	3	<5	<2	2	72	.8	<2	<2	26	1.29	.189	17	14	.97	165	.10	<3	.56	.10	.40	5	39
196827	2	1281	<3	51	<.3	24	12	318	6.96	<2	<5	<2	<2	329	.7	<2	3	60	.72	.163	12	79	1.49	216	.21	<3	.99	.11	.92	2	23
196828	8	2052	4	38	.4	12	7	220	6.14	2	<5	<2	2	277	.7	<2	<2	27	1.00	.173	13	19	1.02	144	.15	<3	.68	.10	.54	5	35
196829	18	2191	5	36	.5	14	7	172	5.08	<2	<5	<2	2	345	.5	<2	3	26	1.11	.148	14	13	.88	125	.09	<3	.57	.12	.36	3	39
196830	14	2138	<3	39	.5	26	9	215	3.80	<2	<5	<2	3	168	.5	2	<2	55	1.27	.150	15	46	1.41	499	.19	<3	.92	.07	.75	4	45
196831	12	3196	5	38	.8	23	10	254	4.52	13	<5	<2	2	101	.6	<2	<2	36	1.72	.159	15	21	.87	112	.05	<3	.55	.08	.23	5	49
196832	8	2054	5	47	.3	12	7	313	5.30	<2	<5	<2	<2	183	.6	<2	<2	25	1.19	.174	15	16	.91	189	.09	<3	.59	.10	.35	5	38
196833	2	1698	3	41	.3	9	9	219	6.18	<2	<5	<2	2	1029	.8	<2	<2	25	1.02	.182	15	10	.89	148	.14	<3	.67	.11	.49	2	79
196834	3	2495	5	42	.5	11	8	202	5.55	2	<5	<2	2	113	.7	2	<2	26	1.11	.186	14	12	.87	345	.11	<3	.56	.07	.39	3	94
196835	3	1732	3	40	<.3	34	11	206	3.83	2	<5	<2	4	144	.6	<2	<2	88	1.41	.126	14	68	1.58	865	.24	<3	1.10	.08	.96	3	139
196836	3	930	3	47	<.3	35	10	174	3.44	<2	<5	<2	5	157	.5	<2	<2	88	1.27	.123	13	62	1.63	712	.25	<3	1.08	.07	.96	4	22
196837	6	2402	8	64	<.3	35	9	329	3.46	19	<5	<2	4	374	.6	7	<2	77	1.75	.097	13	53	1.35	325	.13	<3	.96	.06	.54	3	60
RE 196837	5	2491	6	65	<.3	37	9	340	3.60	19	<5	<2	3	395	.5	6	<2	80	1.82	.100	13	54	1.40	326	.13	3	.99	.06	.57	3	136
196838	7	2520	4	37	<.3	27	8	162	3.46	<2	<5	<2	3	1744	.5	2	<2	75	1.52	.102	11	53	1.30	577	.12	<3	.74	.04	.52	3	132
196839	28	2498	7	66	.3	30	12	215	3.55	6	<5	<2	3	528	.7	<2	2	76	2.22	.081	13	50	1.42	206	.08	3	.70	.05	.40	2	113
196840	7	1770	<3	40	<.3	29	8	151	3.40	<2	<5	<2	4	1072	.5	<2	<2	77	1.56	.085	11	56	1.45	247	.14	<3	.80	.06	.61	4	34
196841	5	2242	<3	42	<.3	35	10	145	3.95	2	<5	<2	4	1538	.7	<2	<2	89	1.30	.079	12	57	1.47	261	.16	<3	.90	.08	.66	3	102
196842	6	1607	<3	43	<.3	32	11	203	3.62	<2	<5	<2	4	3248	.5	<2	<2	85	1.12	.114	11	62	1.43	280	.21	<3	.86	.08	.81	3	49
196843	4	1557	3	39	<.3	34	10	166	4.03	<2	<5	<2	5	1731	.6	<2	<2	88	1.19	.114	11	63	1.50	242	.20	<3	.95	.10	.79	3	239
196844	3	1165	3	44	<.3	37	12	210	3.94	2	<5	<2	5	226	.7	2	<2	94	1.19	.122	13	63	1.72	309	.24	<3	.96	.07	.94	4	93
196845	4	1363	3	39	<.3	35	12	159	3.78	<2	<5	<2	4	165	.7	<2	<2	87	1.32	.117	12	61	1.56	261	.22	<3	1.00	.10	.85	2	70
196846	15	1511	<3	48	<.3	31	9	173	3.29	<2	<5	<2	4	125	.4	<2	<2	79	1.26	.110	12	60	1.48	250	.21	<3	.93	.07	.78	4	111
196847	13	1193	3	48	<.3	33	10	209	3.14	2	<5	<2	5	404	.4	<2	<2	81	1.39	.122	14	59	1.29	648	.18	<3	.82	.08	.66	3	35
STANDARD C3/AU-R	25	65	33	152	5.0	35	11	725	3.37	55	22	2	17	29	22.2	16	24	80	.61	.098	17	167	.68	147	.10	19	1.84	.04	.16	16	499

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-110

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196848	9	1080	<3	45	<.3	30	9	245	3.19	<2	<5	<2	4	167	.3	<2	<2	79	1.40	.117	14	54	1.16	656	.15	3	.72	.06	.53	3	44
196849	20	1173	3	39	.6	31	9	189	3.41	<2	<5	<2	4	147	.3	<2	<2	84	1.35	.115	14	57	1.37	353	.18	<3	.94	.09	.70	3	65
196850	27	5829	<3	35	1.0	30	8	169	3.18	2	<5	<2	4	109	.3	<2	2	76	1.40	.114	14	55	1.30	235	.17	<3	.83	.07	.64	5	378
RE 196850	30	5884	3	34	1.0	30	7	170	3.20	<2	<5	<2	4	108	.3	3	<2	76	1.39	.115	14	55	1.27	247	.17	<3	.84	.07	.65	6	244

DDH
97-110

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

Hole No. 97-111
Page 1 of 7

AC #'s: 97-2145
97-2301

BOOKER GOLD EXPLORATIONS LTD.

Location: 10,220W 10,000S	Dips - collar	-75°	Contractor: J.T.T.	Hole No: DDH97-111
Azimuth: 225°(SW)		m	Logged by: D.M. + G.W.	Property: Hearne Hill
Elevation:	- 263.6m	-75°	Date: May 5/97	Claim No. Hearne 1
Length: 266.7m (875ft)		m		Section No.
Core size: NQ				Started: May 3, 97
Purpose: To test for mineralization under gossan anomaly.				Completed: May 7, 97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
0	3.7 (12')	casing no core						
37	273	BFP, medium grained dark to light coloured fractures predominantly 45° to to C.A. or a little less, rubbly over first 1m, true fractures coated w Fe Ox - veinlets. x-cut axis at random directions - large veins parallel to C.A - biot absent in some areas. - few sul's in veinlet, not abundant, 45° to C.A. - weak stockwork appearance in areas. - fairly hard, siliceous.	37	273	Strong FeOx, goethite limonite on fractures & veinlets - argillic - fspars → seric ± epid - sul's f.g. diss, and stringers in veinlets cp ≤ py cp ≤ 0.5% 13.5–16.3 m large carb (calcite, siderite) along w thick py vein 1cm thick.	1		

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
196277	3.7	5.1	692	18	<.3	10
278	5.1	8.2	1806	48	.3	47
279	8.2	11.2	1931	42	2.0	101
280	11.2	14.3	1262	30	3.8	68
281	14.3	17.3	1120	40	3.7	76
282	17.3	20.4	1358	36	<.3	15
283	20.4	23.4	1404	53	<.3	14
284	23.4	26.5	1379	32	<.3	14
285	26.5	29.5	2413	65	.5	16

Hole No. 97-111
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
273	354	Andesitic thomfels	273	354	Potassic/Phyllic	1-2	various	carb-hem(mag)	286	29.5	32.6	1897	51	.6	21
		Stockwork			biot-serie ± mag		weakly 45°	(qtz) ± cpt py	287	32.6	35.6	1861	46	.5	10
		-siliceous f.g. med. grey			+Sus										
		w indistinct xenoliths			-Cp ≥ py										
		of BFP.			-Cp coatings in veinlets										
		fractures coated w			+ f.g. diss. throughout										
		FeOx, more abundant			@ ≤ 1%										
		than surrounding rock.													
		last 1.5 m, FeOx													
		goethite													
		-weakly mag.													
		-abundant veinlets.													
		-xenoliths of BFP													
		-cloudy & very altd in													
		areas, sus more													
		abundant													
									288	35.6	38.7	950	25	<.3	14
354	872	BFP (capping rock).	354	872	Argillic, weak to	1-3	30-40°	carb (calcite)	289	38.7	41.7	599	14	<.3	9
		-several phases, m.g.			strong (± biot)			± cp ± py	290	41.7	44.8	504	19	<.3	4
		rounded in lighter			-fspars → serie ± epid.				291	44.8	47.8	801	15	<.3	7
		areas.			- lo mag				292	47.8	50.9	758	30	.3	9
		-fractures & veinlets			- ± biot in bleached crackle				293	50.9	53.9	493	6	<.3	5
		predominantly 30° to C.A.			areas				294	53.9	56.9	657	15	<.3	5
		-FeOx on some fracture			-cp mainly f.g. diss,				295	56.9	60.9	638	15	.9	9
		sfc.s to end of unit.			occass. in wkly strng bkbsn fract.										
		-fspars 50-60% by loss in dark areas.			-Sus more abundant in darker										

Hole No. 97-111
Page 3 of 7

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
					~~areas~~ = 2ndary biot. overprinting producing f.g. biotite throughout			
					-Cp ≈ Py ≤ 0.5%			
					= minor chl. on fractures around sus			
		65.1 - 65.3 m.						
		softer bleached and fractured BFP.						
		84.3 - 85.9 m						
		FeOx (goethite) on frac 30° to C.A., soft, rubbly and fractured.						
87.2	90.5	Andesitic hornfels Stockwork	87.2	90.5	Potassic/Phyllic alt'n strong secondary biot f.g.	1-2	various	mag (hem) - carb - qtz ± cp ± py
		- hornfelsing predominant salt & pepper appearance			- cp irregular blebs and stringers in veinlets.			
		- sus more abundant			- cp < 1% Cp > Py.			
		- irregular veinlets & blebs of mag (hem) abundant, weakly magnetic.						
		Very siliceous, hard.						
		- few small seams of BFP						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
296	60.9	63.0	926	75	.3	27
297	63.0	66.1	1349	81	2.1	27
298	66.1	69.1	1163	58	<.3	6
299	69.1	72.2	1212	47	<.3	11
300	72.2	75.8	2431	99	.6	20
301	75.8	78.3	1658	208	<.3	22
302	78.3	81.3	1131	81	.3	6
303	81.3	84.4	1034	58	1.2	4
304	84.4	87.4	1388	78	.3	13
305	87.4	90.5	2136	78	.6	22
306	90.5	93.5	1141	97	<.3	10

Hole No. 97-111
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
90.5		BFP	90.5		Argillic, weak to strong	1-2		carb-py±cp
		-m.g. several diff. phases found throughout			in bleached areas.			
		- light grey to bleached & crowded REP in			-strong seric ± epid. chl on fractures.			
		areas			-py here prominant on fracture veneer			
		- large carb veins x-cut C.A.			cp<py			
		- diss. sul throughout.			-cp f.g. diss. throughout			
		- few veinlets			-cp < 0.5%			
		-fractures. 0-30° to C.A.						
		at 99.3 m clay (kaol) on fracture parallel to C.A. for 40 cm.						
		120.1-122.9 m. Andesitic hornfels, sech increase in sul, weakly magnetic in veinlets, description similar to that listed before -stockwork appearance.			120.1-122.9 m potassic, dark felsings -mg throughout & hem. -sul diss and irregular blebs	1-2		

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
307	93.5	96.6	798	108	<.3	6
308	96.6	99.6	572	49	.3	11
309	99.6	102.7	368	29	<.3	9
310	102.7	105.7	501	42	<.3	11
311	105.7	108.8	364	28	<.3	8
312	108.8	111.9	525	37	<.3	16
313	111.8	114.9	248	29	<.3	4
314	114.9	117.9	700	137	<.3	5
315	117.9	121.0	3575	419	.9	25
316	121.0	124.0	3973	574	.9	12

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		134.7 - 138.1 m.						
		- jagged small pieces, v. fractured.						
		- fractures @ low angles to C.A., making 'oth' shaped shards.			173.3 - 175.2 m			
					strong over-printing of BFP, massive py in bands of carb 60° to C.A.; also abundant milky qtz.			
		178.2 - 199.9 m						
		very rubby, probably a large fault in dark BFP			178.2 - 199.9 m.			
		- strong 2dary biot.			f.g. mag. on abundant fractures.			
		- some fracture re-cemented			diss. cp throughout fault			
					cp ~ 5%, C_4 ~ 2			
					potassic overprinting in areas.			
		209.4 - 215.6 m.						
		banding of veins containing carb & small openings.						
		35° to C.A.						
		- carb ± py, some small ≤ 5 cm dia. xenoliths of BFP. (frag. supp.) in pronounced areas.						
		- f.g. BFP., v. dark.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
196317	124.0	127.1	1345	141	<.3	3
318	127.1	130.1	1289	126	.7	3
319	130.1	133.1	1201	91	<.3	3
320	133.1	136.2	916	101	<.3	2
321	136.2	138.0	1337	129	<.3	4
322	138.0	141.1	944	41	.6	32
323	141.1	142.5	852	43	<.3	2
324	142.5	145.3	1469	123	.6	4
325	145.3	148.4	1201	87	.7	3
326	148.4	151.4	696	49	.3	10
327	151.4	154.5	664	36	.5	2
328	154.5	157.5	1841	89	.4	3
329	157.5	160.6	1229	64	1.6	3
330	160.6	163.6	1192	186	.4	2
331	163.6	166.7	2322	324	1.3	2
332	166.7	169.7	2431	146	1.0	2
333	169.7	172.8	1214	58	.5	6
334	172.8	175.8	1400	100	1.7	4
335	175.8	178.7	1344	41	.5	1
336	178.7	180.7	1148	112	<.3	1
337	180.7	193.7	1080	81	<.3	2
338	183.7	186.8	459	82	<.3	2
339	186.8	189.5	1073	51	.4	2
340	189.5	191.7	721	80	.7	2
341	191.7	194.7	742	105	<.3	1

Hole No. 97-111
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION etc.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		215.6							196342	194.2	197.2	871	44	<.3	3
		potassic overprinting							343	197.2	200.2	759	47	.5	3
		of BFP, abundant							344	200.2	203.3	599	31	<.3	2
		f.g. biot., weak							345	203.3	206.3	1083	66	.6	2
		BFP relict texture							346	206.3	209.3	1451	234	.4	4
		-v. siliceous							347	209.3	212.4	996	85	.9	5
		Some areas are overprinted							348	212.4	215.4	1098	109	<.3	2
		or alt'd to what appears													
		to be andesitic													
		hornfels, v. competent							349	215.4	218.5	771	49	<.3	3
		- few fractures 30° to							350	218.5	221.5	1511	93	.8	2
		C.A							351	221.5	224.6	2296	206	.7	2
									352	224.6	227.6	2033	276	.7	2
		-221.5	221.5		-Diss. Cp in BFP, <.1%	1-3	40-60	Hem.	353	227.6	230.7	1883	344	.4	1
		-BFP stockwork intrusions			-Phyllic alt'n of BFP,	(abundant)			254	230.7	233.7	1862	185	.5	2
		into Andesitic hornfels.			w/ occ'n's of Propylitic alt'n	2-8	~60	Cpy, Py	355	233.7	236.8	1413	128	<.3	2
		-numerous phases of BFP			-Fresh bio (black), f'grn →	(few)			356	236.8	239.8	3034	506	2.5	30
		over 10-60cm's w/ sharp			quartz-sericite alt'd	2-10	Vary	Carb.	357	239.8	242.9	2087	225	1.5	3
		varying contacts to mottled,							358	242.9	245.9	5041	1908	2.9	7
		siliceous, hem.-rich And.,			-Inc. Phyllic alt'n w/	5-15	Vary	Qtz.							
		BFP content ~25%			depth, Cpy upto .5%	(w/in And. Hornfels)									
					- ~½ bio's alt'd brown										
240		ANDESITE/BFP													
		BFP intrusions gradually	240.5	243.1	- large vuggy Carbonate										
		diminish to ~40%,			occ'n's, w/ occ. Py & Cpy										
		same description as above.													

Hole No. 97-111
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION cet.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(ANDESITE/BEP Cont.)													
		246.8 - 250.5				2-10	Vary	Py, Hem.	196359	245.9	249.0	1973	276	1.4	5
		- Intensely bleached	246.8		- Propylitic Alt'n.	(calcite ±)		Carb., Py, Cpy	360	249.0	252.0	2587	276	2.2	3
		vein not seen.			(Pz - Silicified)				361	252.0	255.1	2271	106	1.2	23
					250.5 - 251. - Thick (5cm)				362	255.1	258.1	1753	179	2.2	3
		251.7 - 251.9 - 20cm Lt.			Carb - Py vein @ 20° to c.a.				363	258.1	261.2	2490	281	.9	13
		Carb. vein @ 30° to C.A.							364	261.2	264.2	2103	251	1.3	3
					- Cpy smeared along	1-3	Vary	Py, Carb, Cpy	365	264.2	266.7	2199	284	1.2	2
		- Andesite dark, ~ 5%			Fract' Surfaces < 1%										
		Hem veining.			- Lt. Py - Carb. along										
					Fract's										
	266.7	- E.O.H. 266.7m													
		(875 ft.)													

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PH (604) 253-3158

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2145 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196251	12	3996	3	35	.8	29	9	124	3.07	4	<5	<2	5	101	.4	<2	<2	93	1.38	.108	15	48	1.32	245	.21	3	1.00	.10	.80	2	381
196252	5	2946	4	38	.3	30	11	133	4.10	5	5	<2	4	654	.7	<2	<2	93	1.09	.098	12	47	1.24	244	.20	<3	.82	.07	.76	2	114
196253	1	2778	<3	36	.5	28	9	170	3.72	2	<5	<2	6	704	.7	<2	<2	86	1.00	.096	11	51	1.08	483	.17	3	.80	.10	.63	2	148
196254	6	1458	<3	34	<.3	26	8	163	3.01	<2	<5	<2	5	1426	.5	2	2	77	1.24	.088	13	51	1.06	433	.15	3	.77	.09	.59	4	66
196255	3	860	6	35	.3	26	9	177	3.34	<2	<5	<2	6	188	.6	<2	<2	80	1.09	.098	14	49	1.03	434	.15	3	.82	.09	.59	3	34
196256	5	1211	4	47	<.3	32	15	188	3.72	3	5	<2	5	193	.6	<2	<2	72	1.85	.100	14	45	1.03	97	.11	3	.83	.06	.46	3	29
196259	17	877	3	46	<.3	28	11	203	3.08	3	<5	<2	5	237	.5	<2	2	69	2.05	.100	14	41	1.06	153	.10	<3	.96	.04	.41	2	50
196260	9	1373	4	39	<.3	26	9	180	2.92	4	<5	<2	6	211	.4	<2	2	71	2.55	.102	16	45	1.15	346	.12	3	.91	.05	.50	2	198
196261	6	1275	3	52	<.3	27	9	333	3.21	3	<5	<2	5	267	.5	<2	<2	78	2.09	.098	13	51	1.22	370	.14	3	.82	.09	.55	3	48
196262	14	1239	<3	47	.3	28	10	207	3.36	<2	<5	<2	5	74	.7	<2	<2	89	1.15	.100	13	59	1.26	285	.18	3	.95	.09	.67	3	57
196263	8	1618	<3	38	.3	28	9	173	3.94	2	<5	<2	5	64	.7	<2	<2	94	1.05	.096	12	59	1.40	298	.21	4	1.03	.10	.80	3	67
RE 196263	8	1608	<3	38	<.3	27	9	172	3.94	<2	<5	<2	4	64	.7	<2	<2	94	1.04	.096	12	60	1.39	297	.21	3	1.04	.10	.80	2	55
196264	20	1062	<3	50	<.3	27	10	231	4.46	<2	<5	<2	5	96	.9	<2	<2	99	1.24	.108	13	61	1.32	210	.18	<3	.97	.11	.73	2	54
196265	108	2756	3	53	1.1	28	10	346	4.34	4	<5	<2	4	234	.8	6	<2	83	1.34	.092	11	54	1.25	266	.17	3	.89	.10	.66	3	318
196266	38	2858	3	80	1.2	29	11	554	4.44	9	6	<2	5	146	1.0	10	<2	81	1.23	.091	10	49	1.24	186	.16	3	.76	.08	.64	3	297
196267	25	1036	3	44	.3	26	11	257	3.84	2	<5	<2	5	308	.6	<2	<2	74	1.27	.084	10	48	1.19	177	.15	4	.79	.09	.59	3	40
196268	10	1058	<3	45	<.3	28	10	219	4.12	<2	<5	<2	5	262	.6	2	<2	91	.88	.092	9	59	1.29	299	.21	4	.94	.14	.79	5	37
196269	27	1310	3	44	<.3	25	10	190	4.19	<2	6	<2	4	890	.6	2	<2	81	1.10	.088	10	50	1.24	196	.17	3	.81	.10	.67	3	130
196270	8	838	3	44	<.3	27	9	183	4.32	<2	<5	<2	5	330	.7	<2	<2	90	.83	.093	10	54	1.31	268	.20	4	.86	.11	.77	3	35
196271	11	1576	<3	46	<.3	37	10	188	4.39	<2	<5	<2	5	1206	.9	2	<2	95	1.34	.106	14	74	1.70	335	.25	3	1.09	.10	1.01	3	121
196272	19	2198	5	40	.3	34	11	184	4.05	11	<5	<2	5	802	.8	<2	<2	81	1.84	.109	12	65	1.52	282	.17	3	.93	.08	.68	4	201
196273	11	1426	3	45	.3	29	10	219	4.55	26	<5	<2	5	734	.7	<2	3	87	1.61	.106	11	54	1.28	219	.12	3	.79	.08	.54	2	219
196274	3	601	20	141	1.0	33	9	2195	5.63	297	<5	<2	3	174	1.3	19	<2	56	6.44	.074	7	28	2.39	49	.01	4	.54	.02	.14	<2	38
196275	2	936	8	51	.3	27	9	405	3.83	45	<5	<2	5	117	.8	<2	<2	66	2.25	.092	9	43	1.28	122	.07	4	.70	.06	.32	3	118
196276	3	1049	5	44	<.3	26	8	198	3.93	2	<5	<2	4	567	.6	<2	<2	81	1.50	.095	10	54	1.35	452	.16	3	.87	.09	.64	4	232
196277	10	692	8	54	<.3	27	9	263	2.73	25	<5	<2	5	551	.6	2	<2	70	1.66	.098	11	40	.88	322	.07	4	.66	.06	.32	2	18
196278	47	1806	15	128	.3	29	10	484	3.89	102	<5	<2	5	148	.9	<2	<2	86	2.66	.098	13	44	1.11	296	.03	4	.83	.03	.22	2	48
196279	101	1931	537	1029	2.0	32	23	8765	7.33	209	<5	<2	4	135	3.1	31	<2	63	3.45	.098	12	40	1.33	83	.01	5	.88	.02	.19	<2	42
196280	68	1262	426	2151	3.8	27	23	19502	9.55	180	<5	<2	3	116	4.5	58	<2	53	3.72	.078	11	26	1.23	69	.01	4	.62	.02	.16	<2	30
196281	76	1120	688	2944	3.7	26	34	26107	13.12	173	<5	<2	2	129	6.0	51	<2	44	3.79	.046	10	18	1.33	38	.01	5	.43	.02	.16	<2	40
196282	15	1358	20	167	<.3	28	11	579	4.08	13	<5	<2	4	227	.9	2	<2	80	1.93	.097	12	54	1.37	236	.11	4	.81	.06	.49	2	36
196283	14	1404	21	109	<.3	27	9	671	3.45	5	<5	<2	4	720	.7	<2	<2	78	1.91	.098	14	56	1.53	283	.16	3	.99	.08	.71	3	53
196284	14	1379	4	47	<.3	25	8	238	4.14	49	<5	<2	5	1456	.8	2	<2	70	2.05	.119	13	44	1.36	637	.12	3	.89	.06	.51	2	32
STANDARD C3/AU-R	26	68	37	160	5.5	38	12	773	3.64	59	24	3	20	31	22.7	18	22	85	.66	.093	18	175	.68	153	.10	21	1.99	.04	.17	16	511

DDH 97-110

DDH 97-111

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P4 CORE CHIP P5 ROCK CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 12 1997 DATE REPORT MAILED: May 16/97 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196285	16	2413	5	54	.5	25	10	257	5.41	116	7	<2	3	99	1.0	<2	<2	63	1.92	.144	15	26	1.29	359	.07	<3	.76	.05	.30	<2	65
196286	21	1897	4	46	.6	20	10	274	5.16	20	9	<2	3	114	.9	<2	<2	40	1.67	.149	14	18	1.09	345	.06	4	.53	.07	.28	<2	51
196287	10	1861	8	52	.5	25	10	471	5.89	133	10	<2	2	137	.9	2	5	54	3.56	.138	13	9	1.69	131	.02	<3	.56	.03	.11	<2	46
196288	14	950	4	41	<.3	27	8	309	2.94	10	<5	<2	3	119	.4	<2	2	79	2.42	.114	13	47	1.32	552	.08	4	.76	.05	.29	<2	25
196289	9	599	5	42	<.3	29	9	286	2.91	7	5	<2	4	218	.4	2	<2	80	1.98	.114	13	49	1.29	1339	.11	3	.73	.06	.42	<2	14
196290	4	504	3	46	<.3	28	10	288	3.25	13	5	<2	5	216	.5	<2	<2	85	2.32	.121	14	50	1.40	835	.12	<3	.84	.04	.45	<2	19
196291	7	801	4	47	<.3	31	10	287	2.93	48	5	<2	5	99	.5	3	<2	75	3.03	.120	14	43	1.24	79	.03	3	.91	.01	.11	<2	15
196292	9	758	28	65	.3	35	12	337	3.02	70	<5	<2	4	89	.6	11	<2	68	3.97	.113	12	41	1.50	32	<.01	3	.62	.01	.03	<2	30
196293	5	493	8	59	<.3	29	11	436	3.27	58	<5	<2	4	116	.5	2	<2	74	4.52	.114	15	44	1.66	67	.01	3	.82	.01	.05	<2	6
196294	5	657	9	66	<.3	33	11	433	3.35	45	<5	<2	4	125	.6	14	3	79	3.55	.123	14	47	1.44	515	.04	3	.93	.01	.15	<2	15
196295	9	638	181	70	.9	32	11	401	3.24	39	<5	<2	4	410	.8	26	<2	83	2.55	.122	16	48	1.35	604	.09	3	.85	.04	.33	<2	15
196296	27	926	3	42	.3	31	10	237	3.04	2	<5	<2	5	666	.3	<2	<2	84	1.61	.115	13	51	1.35	917	.14	4	.78	.07	.52	<2	75
196297	27	1349	274	165	2.1	33	10	501	3.53	161	<5	<2	4	136	2.1	71	<2	76	2.76	.120	11	44	1.43	298	.06	3	.79	.03	.28	<2	81
196298	6	1136	3	41	<.3	33	9	131	3.53	41	<5	<2	4	98	.5	<2	<2	82	2.33	.105	10	48	1.43	229	.07	4	.77	.04	.32	<2	43
RE 196298	5	1163	5	41	<.3	34	9	134	3.63	41	<5	<2	3	100	.4	<2	2	84	2.38	.108	11	49	1.46	235	.07	<3	.79	.04	.33	<2	58
196299	11	1212	3	31	<.3	28	9	127	3.39	32	<5	<2	3	129	.5	2	<2	78	2.82	.101	11	45	1.46	288	.08	3	.78	.03	.32	<2	47
196300	20	2431	<3	35	.6	38	10	114	4.21	6	<5	<2	4	200	.6	<2	<2	99	1.51	.107	12	52	1.46	712	.14	3	.87	.06	.55	<2	99
196301	22	1658	5	47	<.3	34	9	108	3.33	4	<5	<2	4	444	.4	<2	2	87	1.67	.096	11	51	1.55	415	.16	3	.88	.06	.62	<2	208
196302	6	1131	29	52	.3	35	9	170	3.73	24	<5	<2	5	241	.7	12	<2	95	1.95	.115	14	56	1.58	842	.16	3	1.08	.04	.61	<2	81
196303	4	1034	24	93	1.2	32	10	318	3.13	137	<5	<2	3	102	1.0	57	<2	67	3.00	.105	9	42	1.20	77	.01	<3	.66	.01	.04	<2	58
196304	13	1388	<3	39	.3	29	10	202	3.86	5	<5	<2	4	129	.6	<2	<2	86	1.92	.115	13	48	1.55	452	.16	3	1.04	.04	.59	<2	78
196305	22	2136	3	36	.6	23	8	145	4.68	5	<5	<2	2	102	.7	<2	<2	61	1.80	.143	12	14	1.29	166	.07	4	.61	.06	.31	<2	78
196306	10	1141	<3	42	<.3	30	9	186	3.31	6	<5	<2	3	159	.4	<2	<2	93	2.24	.109	15	48	1.66	446	.16	4	.95	.05	.62	<2	97
196307	6	798	6	59	<.3	27	8	538	3.35	7	<5	<2	2	2360	.4	<2	<2	77	2.29	.108	12	38	1.26	486	.08	4	.70	.04	.39	<2	108
196308	11	572	11	116	.3	27	9	1632	3.33	19	<5	<2	2	326	.7	13	<2	69	2.21	.108	13	33	1.24	164	.07	6	.86	.04	.40	<2	49
196309	9	368	7	130	<.3	26	9	1345	3.19	8	<5	<2	3	315	.4	7	<2	75	1.88	.110	14	36	1.32	945	.11	5	.83	.05	.52	<2	29
196310	11	501	4	37	<.3	29	11	145	3.11	5	<5	<2	3	4201	.3	2	<2	90	1.96	.110	14	43	1.33	374	.15	5	.90	.05	.63	<2	42
196311	8	364	4	30	<.3	30	11	154	3.16	9	<5	<2	3	4134	.3	<2	<2	89	2.17	.113	14	44	1.35	383	.13	4	.95	.06	.58	<2	28
196312	16	525	6	44	<.3	32	10	151	3.62	2	<5	<2	3	2825	.5	3	<2	96	2.04	.113	14	52	1.53	325	.15	3	1.00	.06	.67	<2	37
196313	4	248	5	56	<.3	29	9	169	3.45	<2	<5	<2	3	960	.5	<2	<2	91	1.85	.106	12	46	1.44	338	.15	<3	.95	.06	.63	<2	29
196314	5	700	6	55	<.3	29	9	174	3.46	7	<5	<2	3	422	.5	<2	<2	85	2.16	.104	13	45	1.38	257	.11	3	.92	.05	.51	<2	137
196315	25	3575	12	91	.9	28	10	802	4.75	71	<5	<2	2	119	.7	4	<2	62	2.00	.109	12	32	.97	241	.02	<3	.55	.02	.11	<2	414
196316	12	3973	6	59	.9	28	9	209	6.01	40	<5	<2	2	1989	.6	8	3	74	1.32	.134	14	24	1.16	297	.14	<3	.71	.07	.53	<2	574
196317	3	1345	4	49	<.3	27	9	203	3.61	4	<5	<2	4	1530	.5	<2	<2	88	1.56	.114	15	47	1.50	750	.20	<3	.97	.08	.78	<2	141
196318	3	1289	20	98	.7	30	10	1257	3.81	24	<5	<2	3	227	.7	15	<2	82	1.77	.120	15	44	1.31	481	.14	4	.96	.03	.53	<2	126
STANDARD C3/AU-R	26	69	37	159	5.7	37	12	735	3.49	57	23	3	19	31	21.9	19	24	84	.64	.096	17	175	.70	151	.10	21	2.03	.04	.16	16	466

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-111

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196319	3	1201	6	57	<.3	30	10	237	3.79	35	<5	<2	4	913	.5	<2	2	79	2.02	.115	12	49	1.38	429	.14	<3	.82	.04	.54	3	91
196320	2	916	<3	46	<.3	31	10	205	3.84	<2	<5	<2	5	956	.4	<2	<2	89	1.11	.123	12	58	1.40	249	.23	<3	.95	.09	.84	3	101
196321	4	1337	<3	44	<.3	38	14	207	4.39	<2	<5	<2	4	1766	.6	<2	<2	89	1.17	.131	13	63	1.66	228	.23	<3	.98	.08	.90	3	129
196817	5	1631	<3	40	.3	8	7	236	5.85	<2	<5	<2	2	62	.5	<2	2	20	.77	.179	14	11	.95	112	.17	<3	.69	.11	.54	3	25
196818	14	2431	5	38	.6	18	9	227	5.22	43	<5	<2	2	1414	.5	<2	<2	52	1.01	.141	14	35	1.24	250	.17	<3	.77	.07	.68	3	43
196819	4	1026	3	41	<.3	10	8	228	6.00	<2	<5	<2	2	62	.6	2	<2	27	.70	.176	15	15	.99	105	.16	<3	.68	.09	.54	3	17
196820	10	1760	<3	40	.4	12	9	305	5.70	4	<5	<2	2	67	.5	<2	<2	25	.68	.186	14	20	1.04	79	.15	<3	.70	.11	.48	5	40
196821	4	1421	<3	41	<.3	21	10	310	4.93	<2	6	<2	2	63	.4	<2	<2	54	.72	.158	14	49	1.29	175	.20	<3	.91	.11	.72	3	58
196822	4	1726	<3	48	.5	10	10	435	6.59	<2	5	<2	3	52	.5	<2	<2	24	.77	.191	15	9	.98	105	.14	<3	.70	.08	.47	2	48
196823	8	1944	14	63	.5	18	9	395	6.79	4	<5	<2	<2	77	.8	<2	<2	35	1.03	.179	14	37	1.16	263	.16	<3	.83	.13	.65	3	73
196824	6	1355	<3	45	.3	10	7	244	6.67	<2	6	<2	3	63	.5	<2	<2	25	.81	.182	14	14	.96	151	.16	<3	.69	.10	.55	5	45
196825	3	1160	<3	47	<.3	23	10	259	5.75	7	7	<2	3	82	.7	<2	<2	57	.91	.162	15	53	1.53	252	.26	<3	1.06	.13	1.00	4	34
196826	8	1410	4	43	.4	11	10	295	5.99	3	<5	<2	2	72	.8	<2	<2	26	1.29	.189	17	14	.97	165	.10	<3	.56	.10	.40	5	39
196827	2	1281	<3	51	<.3	24	12	318	6.96	<2	<5	<2	<2	329	.7	<2	3	60	.72	.163	12	79	1.49	216	.21	<3	.99	.11	.92	2	23
196828	8	2052	4	38	.4	12	7	220	6.14	2	<5	<2	2	277	.7	<2	<2	27	1.00	.173	13	19	1.02	144	.15	<3	.68	.10	.54	5	35
196829	18	2191	5	36	.5	14	7	172	5.08	<2	<5	<2	2	345	.5	<2	3	26	1.11	.148	14	13	.88	125	.09	<3	.57	.12	.36	3	39
196830	14	2138	<3	39	.5	26	9	215	3.80	<2	<5	<2	3	168	.5	2	<2	55	1.27	.150	15	46	1.41	499	.19	<3	.92	.07	.75	4	45
196831	12	3196	5	38	.8	23	10	254	4.52	13	<5	<2	2	101	.6	<2	<2	36	1.72	.159	15	21	.87	112	.05	<3	.55	.08	.23	5	49
196832	8	2054	5	47	.3	12	7	313	5.30	<2	<5	<2	<2	183	.6	<2	<2	25	1.19	.174	15	16	.91	189	.09	<3	.59	.10	.35	5	38
196833	2	1698	3	41	.3	9	9	219	6.18	<2	<5	<2	2	1029	.8	<2	<2	25	1.02	.182	15	10	.89	148	.14	<3	.67	.11	.49	2	79
196834	3	2495	5	42	.5	11	8	202	5.55	2	<5	<2	2	113	.7	2	<2	26	1.11	.186	14	12	.87	345	.11	<3	.56	.07	.39	3	94
196835	3	1732	3	40	<.3	34	11	206	3.83	2	<5	<2	4	144	.6	<2	<2	88	1.41	.126	14	68	1.58	865	.24	<3	1.10	.08	.96	3	139
196836	3	930	3	47	<.3	35	10	174	3.44	<2	<5	<2	5	157	.5	<2	<2	88	1.27	.123	13	62	1.63	712	.25	<3	1.08	.07	.96	4	22
196837	6	2402	8	64	<.3	35	9	329	3.46	19	<5	<2	4	374	.6	7	<2	77	1.75	.097	13	53	1.35	325	.13	<3	.96	.06	.54	3	60
RE 196837	5	2491	6	65	<.3	37	9	340	3.60	19	<5	<2	3	395	.5	6	<2	80	1.82	.100	13	54	1.40	326	.13	3	.99	.06	.57	3	136
196838	7	2520	4	37	<.3	27	8	162	3.46	<2	<5	<2	3	1744	.5	2	<2	75	1.52	.102	11	53	1.30	577	.12	<3	.74	.04	.52	3	132
196839	28	2498	7	66	.3	30	12	215	3.55	6	<5	<2	3	528	.7	<2	2	76	2.22	.081	13	50	1.42	206	.08	3	.70	.05	.40	2	113
196840	7	1770	<3	40	<.3	29	8	151	3.40	<2	<5	<2	4	1072	.5	<2	<2	77	1.56	.085	11	56	1.45	247	.14	<3	.80	.06	.61	4	34
196841	5	2242	<3	42	<.3	35	10	145	3.95	2	<5	<2	4	1538	.7	<2	<2	89	1.30	.079	12	57	1.47	261	.16	<3	.90	.08	.66	3	102
196842	6	1607	<3	43	<.3	32	11	203	3.62	<2	<5	<2	4	3248	.5	<2	<2	85	1.12	.114	11	62	1.43	280	.21	<3	.86	.08	.81	3	49
196843	4	1557	3	39	<.3	34	10	166	4.03	<2	<5	<2	5	1731	.6	<2	<2	88	1.19	.114	11	63	1.50	242	.20	<3	.95	.10	.79	3	239
196844	3	1165	3	44	<.3	37	12	210	3.94	2	<5	<2	5	226	.7	2	<2	94	1.19	.122	13	63	1.72	309	.24	<3	.96	.07	.94	4	93
196845	4	1363	3	39	<.3	35	12	159	3.78	<2	<5	<2	4	165	.7	<2	<2	87	1.32	.117	12	61	1.56	261	.22	<3	1.00	.10	.85	2	70
196846	15	1511	<3	48	<.3	31	9	173	3.29	<2	<5	<2	4	125	.4	<2	<2	79	1.26	.110	12	60	1.48	250	.21	<3	.93	.07	.78	4	111
196847	13	1193	3	48	<.3	33	10	209	3.14	2	<5	<2	5	404	.4	<2	<2	81	1.39	.122	14	59	1.29	648	.18	<3	.82	.08	.66	3	35
STANDARD C3/AU-R	25	65	33	152	5.0	35	11	725	3.37	55	22	2	17	29	22.2	16	24	80	.61	.098	17	167	.68	147	.10	19	1.84	.04	.16	16	499

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-110

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2301 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196322	32	944	50	52	.6	35	12	331	3.73	19	<5	<2	4	1469	.6	12	<2	83	2.01	.124	14	52	1.45	119	.13	3	.85	.07	.55	<2	41
196323	2	852	9	77	<.3	34	10	1289	3.77	14	7	<2	5	840	.5	<2	<2	78	2.80	.124	13	53	1.47	122	.06	3	.72	.05	.34	<2	43
196324	4	1469	12	146	.6	35	11	2223	4.37	52	6	<2	4	145	.7	7	<2	69	2.78	.121	12	47	1.37	79	.04	4	.92	.03	.31	<2	123
196325	3	1201	21	105	.7	35	11	1323	4.45	74	19	<2	4	234	.8	7	<2	61	4.91	.103	10	39	1.95	38	.03	4	.79	.03	.26	<2	87
196326	10	696	10	115	.3	28	10	1487	3.79	18	10	<2	4	181	.5	3	<2	68	3.09	.106	11	39	1.31	50	.04	3	.62	.04	.24	<2	49
196327	2	664	4	56	.5	34	10	503	3.78	<2	9	<2	6	461	.3	<2	<2	88	2.07	.122	13	57	1.47	334	.14	<3	.77	.06	.56	<2	36
196328	3	1841	4	62	.4	43	15	694	4.98	8	17	<2	4	3896	.7	2	<2	88	2.46	.124	13	71	1.71	80	.10	<3	.73	.06	.50	<2	89
196329	3	1229	24	176	1.6	39	14	3154	5.32	142	18	<2	4	705	1.0	51	2	60	2.47	.107	10	43	1.37	45	.02	<3	.57	.02	.22	<2	64
196330	2	1192	9	201	.4	36	11	4370	5.21	72	10	<2	3	142	.8	12	<2	67	2.29	.107	10	39	1.29	227	.05	4	.76	.03	.35	<2	186
196331	2	2322	6	54	1.3	49	13	580	4.59	18	20	<2	5	1783	.6	3	<2	95	2.38	.161	16	92	1.47	78	.12	<3	.83	.05	.54	<2	324
196332	2	2431	3	59	1.0	60	14	596	4.31	55	15	<2	4	5647	.5	4	<2	103	3.07	.174	19	108	1.58	118	.13	<3	.81	.06	.52	<2	146
196333	6	1214	10	64	.5	54	16	615	3.92	58	15	<2	5	212	.5	8	<2	98	4.82	.170	19	97	2.05	50	.09	<3	.81	.04	.40	<2	58
196334	4	1400	535	93	1.7	57	27	1269	5.29	64	15	<2	5	255	.9	19	<2	94	4.54	.167	18	93	1.74	26	.05	<3	.81	.02	.24	<2	100
196335	1	1344	6	84	.5	56	17	1563	4.58	5	19	<2	6	1154	.6	4	3	101	2.32	.179	19	118	1.73	105	.20	<3	.92	.05	.83	3	41
196336	1	1148	3	58	<.3	51	12	452	5.14	<2	5	<2	6	537	.6	<2	<2	118	1.63	.184	19	152	1.69	610	.20	<3	1.06	.09	.77	<2	112
196337	2	1080	<3	55	<.3	50	11	366	4.84	18	<5	<2	6	338	.6	4	2	116	1.86	.189	20	153	1.56	338	.19	<3	.91	.10	.71	2	81
196338	2	459	<3	35	<.3	33	9	185	3.67	<2	<5	<2	5	211	.3	<2	2	95	1.00	.123	14	74	1.47	278	.23	<3	1.08	.08	.87	<2	62
196339	2	1073	<3	43	.4	46	13	248	5.26	<2	14	<2	6	196	.5	2	<2	109	1.21	.157	16	112	1.95	223	.27	<3	1.28	.07	1.13	2	51
196340	2	721	<3	48	.7	49	15	602	4.84	<2	22	<2	7	448	.6	3	2	111	1.72	.186	20	154	1.87	191	.25	<3	1.24	.11	1.01	2	43
RE 196340	2	705	<3	46	.5	48	14	591	4.71	<2	9	<2	6	437	.6	2	<2	108	1.68	.181	19	150	1.82	186	.24	<3	1.21	.11	.98	2	80
196341	1	742	<3	41	<.3	47	13	206	4.46	<2	9	<2	5	452	.5	3	<2	116	.97	.145	17	107	1.91	324	.32	<3	1.36	.09	1.28	2	105
196342	3	871	<3	46	<.3	36	12	420	3.81	10	5	<2	4	1419	.5	3	<2	87	1.85	.119	13	63	1.63	304	.21	<3	1.01	.06	.86	<2	44
196343	3	759	<3	39	.5	31	11	214	3.59	<2	<5	<2	6	632	.4	<2	<2	86	1.37	.116	13	58	1.44	311	.21	<3	.96	.06	.82	<2	47
196344	2	599	6	57	<.3	28	10	577	4.05	<2	10	<2	5	420	.5	<2	<2	77	2.23	.124	13	49	1.45	381	.15	<3	.90	.05	.61	<2	31
196345	2	1083	7	77	.6	35	15	1442	4.40	3	15	<2	4	132	.7	3	3	69	4.19	.124	14	46	1.59	109	.03	3	.77	.01	.21	<2	66
196346	4	1451	4	50	.4	26	11	293	4.48	<2	15	<2	4	1035	.6	4	<2	80	1.82	.082	10	51	1.44	106	.13	3	.89	.04	.60	<2	234
196347	5	996	13	100	.9	29	12	2524	5.74	113	39	<2	3	270	.8	8	2	74	5.66	.089	8	43	2.28	18	.02	3	.75	.02	.19	<2	85
196348	2	1098	6	55	<.3	29	13	311	4.80	<2	<5	<2	5	113	.5	2	<2	84	2.18	.121	13	56	1.56	560	.11	<3	.78	.07	.49	3	109
196349	3	771	4	56	<.3	27	10	400	4.47	6	21	<2	4	2207	.6	5	<2	76	2.40	.119	11	57	1.56	316	.12	3	.81	.06	.56	2	49
196350	2	1511	5	48	.8	28	11	279	4.71	3	15	<2	6	2288	.5	<2	<2	70	2.16	.130	12	39	1.44	302	.12	<3	.75	.06	.53	<2	93
196351	2	2296	3	44	.7	23	9	249	4.91	2	10	<2	4	1101	.5	6	<2	62	1.54	.126	11	37	1.17	260	.11	3	.66	.06	.45	2	206
196352	2	2033	5	39	.7	21	10	194	5.01	2	16	<2	4	416	.5	4	2	55	2.01	.141	13	26	1.15	206	.07	3	.63	.05	.29	<2	276
196353	1	1883	3	38	.4	21	10	183	5.47	<2	<5	<2	4	81	.4	<2	<2	53	1.84	.145	11	25	1.07	261	.07	<3	.67	.05	.29	<2	344
196354	2	1862	4	37	.5	28	10	166	4.96	5	9	<2	3	206	.6	<2	3	78	1.89	.129	12	50	1.34	392	.14	3	1.07	.07	.58	2	185
196355	2	1413	<3	39	<.3	27	11	187	5.51	<2	13	<2	4	736	.5	2	<2	68	1.62	.137	13	44	1.30	228	.14	<3	.86	.07	.59	3	128
STANDARD C3/AU-R	25	66	34	159	5.5	36	12	740	3.49	57	16	2	18	30	23.9	15	22	80	.62	.098	17	165	.67	153	.10	20	1.98	.04	.14	16	527

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-111

DATE RECEIVED: MAY 20 1997 DATE REPORT MAILED: May 29/97 SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-2301

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196356	30	3034	8	49	2.5	26	13	177	4.90	<2	<5	<2	4	1086	.6	6	<2	61	1.33	.115	10	36	1.25	93	.12	3	.62	.06	.54	2	506
196357	3	2087	18	80	1.5	40	26	800	6.36	53	7	<2	3	423	1.0	14	2	45	4.48	.142	10	35	1.91	17	.04	5	.52	.07	.29	3	225
196358	7	5041	11	90	2.9	20	14	631	6.23	18	<5	<2	2	110	.9	15	4	36	3.17	.161	13	19	1.54	18	.06	5	.44	.05	.30	3	1908
196359	4	1936	12	101	1.4	18	11	1641	5.73	29	5	<2	4	82	.8	10	<2	34	2.20	.149	10	19	1.20	35	.04	4	.51	.02	.27	<2	245
RE 196359	5	1973	13	103	1.1	18	12	1664	5.83	28	<5	<2	3	83	.8	10	2	34	2.22	.151	10	20	1.22	32	.04	4	.53	.02	.27	<2	276
196360	3	2587	26	230	2.2	36	16	4334	7.59	362	<5	<2	3	70	1.2	40	2	49	3.83	.141	12	27	1.64	22	<.01	5	.54	.01	.16	<2	276
196361	23	2271	8	72	1.2	32	34	757	4.84	14	<5	<2	4	115	.7	8	<2	63	3.07	.129	12	46	1.67	26	.07	5	.60	.05	.41	2	106
196362	3	1753	20	90	2.2	19	10	2215	6.82	302	<5	<2	3	164	1.0	40	2	46	2.24	.137	9	26	1.41	18	.08	5	.62	.04	.39	2	179
196363	13	2490	7	59	.9	17	17	309	5.60	6	<5	<2	3	1868	.7	8	3	41	1.50	.152	11	21	1.05	95	.09	5	.55	.06	.40	2	281
196364	3	2103	8	52	1.3	23	11	318	6.41	14	<5	<2	3	1137	.7	9	<2	45	1.68	.172	12	17	1.05	77	.07	4	.50	.06	.31	2	251
196365	2	2199	8	49	1.2	26	12	300	5.96	21	<5	<2	4	408	.6	8	<2	55	2.93	.171	13	32	1.39	75	.04	3	.50	.04	.19	<2	284
196366	12	870	7	54	.5	30	9	215	3.58	5	<5	<2	6	442	.5	4	2	88	1.24	.119	11	51	1.14	408	.14	3	.78	.06	.58	2	55
196367	13	985	5	63	.6	30	12	251	3.78	<2	<5	<2	6	140	.6	3	2	89	1.32	.118	13	70	1.53	470	.20	<3	.82	.07	.79	2	57
196368	85	1620	16	173	.7	28	12	1249	4.18	30	<5	<2	5	178	.7	10	4	80	2.40	.110	13	40	1.34	158	.08	4	.66	.03	.38	<2	144
196369	81	1955	38	299	.5	28	13	2958	4.72	26	<5	<2	5	89	1.1	13	<2	83	1.74	.114	13	44	1.31	114	.14	3	.67	.05	.57	2	57
196370	29	1880	3	57	.5	29	12	260	3.64	19	<5	<2	5	53	.5	4	<2	85	1.18	.121	14	54	1.38	245	.18	<3	.77	.08	.71	2	41
196371	28	837	3	49	<.3	25	10	246	3.32	<2	<5	<2	5	50	.4	4	<2	83	1.02	.115	13	55	1.36	238	.19	<3	.73	.06	.70	<2	18
196372	28	969	6	44	.4	25	10	174	3.28	5	<5	<2	6	152	.5	2	3	77	1.48	.113	12	47	1.27	268	.16	3	.76	.07	.64	2	32
196373	15	863	5	45	.3	26	10	213	3.46	4	<5	<2	6	307	.4	4	3	79	1.47	.114	12	52	1.27	245	.15	3	.71	.08	.59	3	36
196374	11	900	<3	40	.4	23	10	215	3.22	<2	<5	<2	5	2760	.3	5	<2	74	1.35	.115	13	49	1.12	231	.13	<3	.58	.06	.49	<2	40
196375	13	917	8	58	<.3	25	10	292	3.41	<2	<5	<2	5	2561	.5	4	<2	84	2.00	.111	16	48	1.37	317	.12	<3	.58	.06	.49	2	24
196376	10	801	3	45	.3	26	10	173	3.19	<2	<5	<2	5	313	.4	<2	2	79	1.66	.112	12	46	1.37	132	.14	<3	.67	.06	.57	2	29
196377	22	1347	7	52	<.3	26	10	227	3.40	<2	<5	<2	6	159	.4	3	2	83	1.55	.109	14	46	1.21	325	.09	<3	.55	.05	.35	2	52
196378	16	781	5	47	.3	27	10	194	3.45	4	<5	<2	5	180	.4	7	3	86	1.47	.107	13	49	1.31	513	.13	3	.65	.07	.52	2	21
196379	28	2369	3	39	<.3	27	9	171	3.12	<2	<5	<2	4	624	.4	5	<2	77	1.32	.107	12	46	1.34	299	.15	3	.67	.05	.60	2	75
196380	15	1186	3	42	.4	31	10	176	3.89	<2	<5	<2	6	510	.4	<2	3	89	1.43	.105	14	48	1.34	261	.13	<3	.67	.06	.55	<2	32
196381	22	741	7	58	<.3	30	11	246	3.27	<2	<5	<2	5	1714	.5	7	<2	85	1.63	.121	16	54	1.42	270	.14	<3	.71	.06	.58	2	34
196382	28	591	4	47	<.3	31	12	226	4.22	9	<5	<2	5	1267	.5	2	3	86	2.10	.110	17	47	1.36	42	.09	<3	.58	.05	.35	<2	32
196383	8	833	5	43	<.3	26	10	355	3.62	108	<5	<2	4	82	.4	8	4	68	3.27	.110	13	41	1.26	22	<.01	<3	.50	.01	.02	<2	72
196384	10	828	5	42	.3	30	10	296	3.36	17	<5	<2	6	127	.3	3	2	77	2.45	.124	15	45	1.23	83	.05	3	.72	.02	.25	<2	81
196385	6	398	20	122	<.3	30	9	392	3.29	3	<5	<2	6	800	.7	8	2	73	1.98	.124	15	51	1.38	308	.11	3	.71	.06	.49	2	47
196386	8	1252	84	302	.9	31	10	1533	3.56	34	<5	<2	4	141	1.6	9	<2	66	2.47	.120	14	41	1.33	132	.05	3	.61	.04	.28	<2	91
196387	12	759	11	75	<.3	32	12	370	3.25	106	<5	<2	5	169	.5	6	<2	76	3.84	.127	18	44	1.42	65	.02	<3	.74	.02	.06	<2	19
196388	8	562	4	52	<.3	32	11	324	2.93	3	<5	<2	6	201	.3	2	<2	88	1.87	.121	16	53	1.23	491	.12	<3	.69	.07	.45	<2	49
196389	5	397	7	71	.3	31	11	327	2.94	2	<5	<2	6	634	.3	<2	<2	85	1.68	.120	16	54	1.17	489	.13	<3	.68	.07	.47	2	23
STANDARD C3/AU-R	26	69	33	161	6.1	37	12	759	3.57	56	13	3	21	32	24.4	14	22	84	.66	.101	18	175	.70	159	.10	21	1.93	.04	.15	15	540

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-112

Data f FA ____

Hole No. 97-112
Page 1 of 5

AC #'s: 97-2301
97-2394

Location: 10220W, 10000S	BOOKER GOLD EXPLORATIONS LTD.		Hole No: DDH 97-112
Azimuth: 128°	Dips - collar -75 °	Contractor: J.T.T	Property: HEARNE HILL
Elevation:	-255.1 m -76 °	Logged by: C.W./D.M.	Claim No. HEARNE 1
Length: 255.1 m (837').	- m °	Date: May 10th, 1997	Section No.
Core size: NQ	- m °		Started: May 9th, 97
Purpose: To intersect mineralization responsible for till geochem.			Completed: May 13th, 97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	3.4	CASING													
3.4	3.8	- BFP rubble							196366	3.3	5.1	870	55	.5	12
3.8	12.58	BIOTITE - FELDSPAR - PORPHYRY	3.8	20.2	- fract'd m'alt'd to	1-2 (ave.)	Vary	Cpy	367	5.1	8.2	985	57	.6	13
		- Predominantly dk. grey			w/ occ's of greenish-				368	8.2	11.2	1620	144	.7	85
		w/- 60%, .1-.5cm fspar,			grey chl.-Carb. alt'n										
		± 40%, .1-.3cm black bio			(Propylytic)										
		- occ. bleached white													
		occ's													
	9.6 11.5	- Bleached grey-white				3-12	10-30°	Qtz, Py, Cpy	369	11.2	14.3	1955	57	.5	81
		silicified zone							370	14.3	17.3	1880	41	.5	29
									371	17.3	20.4	837	18	<.3	28
	12.4 20.2	- Fault							372	20.4	23.4	969	32	.4	28
		- Principal fracture							373	23.4	26.5	863	36	.3	15
		orientation at 55° to C.A.							374	26.5	29.5	900	40	.4	11
			20.2	52.5	- Int. quartz-sericite				375	29.5	32.6	917	24	<.3	13
					alt'n of Fspar.				376	32.6	35.6	801	29	.3	10
						5 (at 34.3m)	~20°	Carb., Py	377	35.6	38.7	1347	52	<.3	22
					- Rare blebs of Cpy				378	38.7	41.7	781	21	.3	16
						15 (at 43.9m)	20°	Qz., Carb., Cpy	379	41.7	44.8	2369	75	<.3	28

Hole No. 97-112
Page 2 of 5

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
44.8		(B.F.P. Cont.)				5-10 (at 45.1)	20°	Hem, Mag, Cpy.
	52.5 59.7	Bleached grey sed's, gradational Cont.	52.5	59.7	- Propylytic - Phyllic alt'n - Clay-sericite alt'n of Fspar			
	65.3 69.2	- Bleached brown-grey sed's				1-5	Chaotic	Qtz, Py, Cpy, Cal.
			93.6	94.1	- TR. (5-3cm) Carb.-Py vein at ~ 0° to C.a.			
				96.7 97.2	- Similar vein as above, vuggy / clots along at 10° to C.a			
						1-3	Chaotic	Cpy, Qtz, Carb, Py.
		-	99.7		- Minor Py & Cpy along fract's			
			108.		- Gradual increase in finely disc Cpy < 1%			
	120.6	- Unit grades to an altered bleached grey-white w/ abundant vuggy carbonate vein	BOX		Phyllic, clay-carb-sericite alt'n, numerous carb-Qtz veins, occ. Cpy vein	5-25	5-25°	Carb, Py.
						3-6 (at 124.6)	20°	Cpy
					- Disc. Py w/ minor Cpy < 1%			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
380	44.8	47.8	1186	32	.4	15
381	47.8	50.9	741	34	<.3	22
382	50.9	53.9	591	32	<.3	28
383	53.9	56.9	833	72	<.3	8
384	56.9	60.0	828	81	.3	10
385	60.0	63.0	398	47	<.3	6
386	63.0	66.1	1252	91	.9	8
387	66.1	69.1	759	19	<.3	12
388	69.1	72.2	562	49	<.3	8
389	72.2	75.2	397	23	.3	5
390	75.2	78.3	1125	47	.4	18
391	78.3	81.3	697	32	<.3	16
392	81.3	84.4	311	43	<.3	3
393	84.4	87.4	1081	84	<.3	11
394	87.4	90.5	664	137	<.3	29
395	90.5	93.5	553	74	<.3	21
396	93.5	96.6	981	56	<.3	24
397	96.6	99.6	438	18	<.3	6
398	99.6	102.7	1485	95	.4	12
399	102.7	105.7	559	22	<.3	8
400	105.7	108.8	711	29	<.3	15
401	108.8	111.8	1491	66	<.3	60
402	111.8	114.9	863	27	<.3	11
403	114.9	117.9	736	19	<.3	5
404	117.9	121.0	611	17	<.3	4
405	121.0	124.0	889	38	<.3	9

Hole No. 97-112
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
125.1	125.8	(B.F.P. Cont.)						
		125.8 - Unit grades to bleached white - lower contact, sharp - fragmental.	125.8	127.9	- Intense Propylitic alt'n	3-10	~20	Calc, Py, Qz
125.8	134.2	ALT'D ANDESITE (Rhyolite) - Bleached white to lt. grey, mottled texture, 10-30% micro-veinlets of Hem, Mag, Py, Qz, etc., Remnant micro-F'spar porphyritic texture in areas - fragmental BFP xenos common.	125.8	174.5	- Intense clay-sericite alt'n - Cpy common in veinlets running parallel to c.a. - areas bleached show phyllic alt'n. - Cp < 1%, remeshort sec'n ~1%	1-15	0-20	Qtz, Cpy, Py, Calc. (Very Common)
			at	155.8	Cp in veinlet 0.5cm thick			
		133.6 / 134.5 - B.F.P. dyke. U.C. @ 25° to c.a., L.C. @ 20° to c.a., dark-med. grey.						
		168.9 - 174.5 m BFP dike, light-coloured crowded texture, ± biot advanced argillic alt'n.	174.5	181.2	Potassic, sec'n darker biot F.g., little mag (hem)			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
406	124.0	127.1	631	136	<.3	3
407	127.1	130.1	2747	130	<.3	11
408	130.1	133.2	4207	454	.9	10
409	133.2	136.2	2861	275	.8	53
410	136.2	139.2	2816	338	.5	11
411	139.2	142.3	5742	449	.7	28
412	142.3	145.3	4305	225	1.5	37
413	145.3	148.4	9798	800	2.2	20
414	148.4	151.4	5394	550	1.0	8
415	151.4	154.5	10742	910	2.8	12
416	154.5	157.5	9167	910	2.1	6
417	157.5	160.6	4918	245	.8	11
418	160.6	163.6	5015	600	1.3	4
419	163.6	166.7	6081	414	.8	5
420	166.7	169.7	5284	313	1.1	30
421	169.7	172.8	4493	221	.8	10
422	172.8	175.8	8591	463	1.1	89
423	175.8	178.9	3084	148	1.0	8
424	178.9	181.9	4517	285	.8	5
425	181.9	185.0	1981	107	<.3	7

Hole No. 97-112
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
181.2	255.1	BFP	181.2	213.4	Argillic Alt'n. (mostly mod).	1-5	??	carb (fg calcite)
		-predominantly 1 phase.			- abundant biot.			-cp ± py (qtz?)
		-m. grey colour w/ short bleached secn			- fspars → Seric >> epid			
		- subhedral fspars < 4mm diam. interlocking 50% of volume			-cp < 1%			
					-cp > py			
					-Su's as irregular blebs along veinlets up to 3 cm diam., 0.5 cm thick			
		-Few fractures, cut by veinlets of carb ± Su's			-Su's centered around more alt'd area.			
		-some areas of fracturing (faults)						
		- secns of alt'd Andesitic Hornfels. over initial						
		-8 m of core, w/ secns less < 1.0 m, dark ± usually contain more Su's			204.2 - 204.4 m thick carb. vein of sparry calcite and cavity w/ kaol. rockflour			
		-Veinlets in a moderate amount, some very thick.			cp as irreg. blebs < 1% py to lesser extent.			
		-biot. Fresh			-fragmental texture.			
					212.7 - 213.4 m			
		205.2 - 209.9 m			Advanced argillic alt'n. to biot, Su's absent			
		Fractured rock, some areas frags (ang.) < 3 cm dia.			-very bleached material			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
426	185.0	188.0	2324	230	.3	18
427	188.0	191.1	6280	560	.9	148
428	191.1	194.1	2816	254	.6	5
429	194.1	197.2	3874	221	.9	4
430	197.2	200.2	1985	91	<.3	3
431	200.2	203.3	3588	507	.6	33
432	203.3	205.7	6286	456	1.7	12
433	205.7	208.1	2038	154	.4	4
434	208.1	210.3	2592	190	.8	1
435	210.3	212.4	2974	204	.6	3
436	212.4	215.4	2380	154	.5	47
437	215.4	217.9	2528	221	.5	2
438	217.9	220.0	3048	298	1.2	2
439	220.0	223.1	2279	180	.7	5
440	223.1	224.6	1497	222	.5	2

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		240.0 - 240.7 m						
		-Fractured rubbly material						
		2ndary biot on frac.						
			213.4	255.1	Int. Argillic, w/ 2ndary potassic overprinting of material.			
					-2ndary f.g. <1mm biot along fract. sfc.			
					-steady decrease in Qp w depth, short secs enriched.			
at 255.1		E.O.H. (837')						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
441	224.6	227.6	1590	79	.3	3
442	227.6	230.7	1334	59	.3	6
443	230.7	233.7	1323	82	.5	3
444	233.7	236.8	3168	354	.8	20
445	236.8	239.8	2183	212	.5	3
446	239.8	241.0	2515	237	1.1	3
447	241.0	244.1	3651	248	1.1	34
448	244.1	247.1	1233	70	.6	2
449	247.1	250.2	980	51	.5	5
450	250.2	253.2	1756	85	.6	7
166001	253.2	255.1	1863	96	1.4	6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196356	30	3034	8	49	2.5	26	13	177	4.90	<2	<5	<2	4	1086	.6	6	<2	61	1.33	.115	10	36	1.25	93	.12	3	.62	.06	.54	2	506
196357	3	2087	18	80	1.5	40	26	800	6.36	53	7	<2	3	423	1.0	14	2	45	4.48	.142	10	35	1.91	17	.04	5	.52	.07	.29	3	225
196358	7	5041	11	90	2.9	20	14	631	6.23	18	<5	<2	2	110	.9	15	4	36	3.17	.161	13	19	1.54	18	.06	5	.44	.05	.30	3	1908
196359	4	1936	12	101	1.4	18	11	1641	5.73	29	5	<2	4	82	.8	10	<2	34	2.20	.149	10	19	1.20	35	.04	4	.51	.02	.27	<2	245
RE 196359	5	1973	13	103	1.1	18	12	1664	5.83	28	<5	<2	3	83	.8	10	2	34	2.22	.151	10	20	1.22	32	.04	4	.53	.02	.27	<2	276
196360	3	2587	26	230	2.2	36	16	4334	7.59	362	<5	<2	3	70	1.2	40	2	49	3.83	.141	12	27	1.64	22	<.01	5	.54	.01	.16	<2	276
196361	23	2271	8	72	1.2	32	34	757	4.84	14	<5	<2	4	115	.7	8	<2	63	3.07	.129	12	46	1.67	26	.07	5	.60	.05	.41	2	106
196362	3	1753	20	90	2.2	19	10	2215	6.82	302	<5	<2	3	164	1.0	40	2	46	2.24	.137	9	26	1.41	18	.08	5	.62	.04	.39	2	179
196363	13	2490	7	59	.9	17	17	309	5.60	6	<5	<2	3	1868	.7	8	3	41	1.50	.152	11	21	1.05	95	.09	5	.55	.06	.40	2	281
196364	3	2103	8	52	1.3	23	11	318	6.41	14	<5	<2	3	1137	.7	9	<2	45	1.68	.172	12	17	1.05	77	.07	4	.50	.06	.31	2	251
196365	2	2199	8	49	1.2	26	12	300	5.96	21	<5	<2	4	408	.6	8	<2	55	2.93	.171	13	32	1.39	75	.04	3	.50	.04	.19	<2	284
196366	12	870	7	54	.5	30	9	215	3.58	5	<5	<2	6	442	.5	4	2	88	1.24	.119	11	51	1.14	408	.14	3	.78	.06	.58	2	55
196367	13	985	5	63	.6	30	12	251	3.78	<2	<5	<2	6	140	.6	3	2	89	1.32	.118	13	70	1.53	470	.20	<3	.82	.07	.79	2	57
196368	85	1620	16	173	.7	28	12	1249	4.18	30	<5	<2	5	178	.7	10	4	80	2.40	.110	13	40	1.34	158	.08	4	.66	.03	.38	<2	144
196369	81	1955	38	299	.5	28	13	2958	4.72	26	<5	<2	5	89	1.1	13	<2	83	1.74	.114	13	44	1.31	114	.14	3	.67	.05	.57	2	57
196370	29	1880	3	57	.5	29	12	260	3.64	19	<5	<2	5	53	.5	4	<2	85	1.18	.121	14	54	1.38	245	.18	<3	.77	.08	.71	2	41
196371	28	837	3	49	<.3	25	10	246	3.32	<2	<5	<2	5	50	.4	4	<2	83	1.02	.115	13	55	1.36	238	.19	<3	.73	.06	.70	<2	18
196372	28	969	6	44	.4	25	10	174	3.28	5	<5	<2	6	152	.5	2	3	77	1.48	.113	12	47	1.27	268	.16	3	.76	.07	.64	2	32
196373	15	863	5	45	.3	26	10	213	3.46	4	<5	<2	6	307	.4	4	3	79	1.47	.114	12	52	1.27	245	.15	3	.71	.08	.59	3	36
196374	11	900	<3	40	.4	23	10	215	3.22	<2	<5	<2	5	2760	.3	5	<2	74	1.35	.115	13	49	1.12	231	.13	<3	.58	.06	.49	<2	40
196375	13	917	8	58	<.3	25	10	292	3.41	<2	<5	<2	5	2561	.5	4	<2	84	2.00	.111	16	48	1.37	317	.12	<3	.58	.06	.49	2	24
196376	10	801	3	45	.3	26	10	173	3.19	<2	<5	<2	5	313	.4	<2	2	79	1.66	.112	12	46	1.37	132	.14	<3	.67	.06	.57	2	29
196377	22	1347	7	52	<.3	26	10	227	3.40	<2	<5	<2	6	159	.4	3	2	83	1.55	.109	14	46	1.21	325	.09	<3	.55	.05	.35	2	52
196378	16	781	5	47	.3	27	10	194	3.45	4	<5	<2	5	180	.4	7	3	86	1.47	.107	13	49	1.31	513	.13	3	.65	.07	.52	2	21
196379	28	2369	3	39	<.3	27	9	171	3.12	<2	<5	<2	4	624	.4	5	<2	77	1.32	.107	12	46	1.34	299	.15	3	.67	.05	.60	2	75
196380	15	1186	3	42	.4	31	10	176	3.89	<2	<5	<2	6	510	.4	<2	3	89	1.43	.105	14	48	1.34	261	.13	<3	.67	.06	.55	<2	32
196381	22	741	7	58	<.3	30	11	246	3.27	<2	<5	<2	5	1714	.5	7	<2	85	1.63	.121	16	54	1.42	270	.14	<3	.71	.06	.58	2	34
196382	28	591	4	47	<.3	31	12	226	4.22	9	<5	<2	5	1267	.5	2	3	86	2.10	.110	17	47	1.36	42	.09	<3	.58	.05	.35	<2	32
196383	8	833	5	43	<.3	26	10	355	3.62	108	<5	<2	4	82	.4	8	4	68	3.27	.110	13	41	1.26	22	<.01	<3	.50	.01	.02	<2	72
196384	10	828	5	42	.3	30	10	296	3.36	17	<5	<2	6	127	.3	3	2	77	2.45	.124	15	45	1.23	83	.05	3	.72	.02	.25	<2	81
196385	6	398	20	122	<.3	30	9	392	3.29	3	<5	<2	6	800	.7	8	2	73	1.98	.124	15	51	1.38	308	.11	3	.71	.06	.49	2	47
196386	8	1252	84	302	.9	31	10	1533	3.56	34	<5	<2	4	141	1.6	9	<2	66	2.47	.120	14	41	1.33	132	.05	3	.61	.04	.28	<2	91
196387	12	759	11	75	<.3	32	12	370	3.25	106	<5	<2	5	169	.5	6	<2	76	3.84	.127	18	44	1.42	65	.02	<3	.74	.02	.06	<2	19
196388	8	562	4	52	<.3	32	11	324	2.93	3	<5	<2	6	201	.3	2	<2	88	1.87	.121	16	53	1.23	491	.12	<3	.69	.07	.45	<2	49
196389	5	397	7	71	.3	31	11	327	2.94	2	<5	<2	6	634	.3	<2	<2	85	1.68	.120	16	54	1.17	489	.13	<3	.68	.07	.47	2	23
STANDARD C3/AU-R	26	69	33	161	6.1	37	12	759	3.57	56	13	3	21	32	24.4	14	22	84	.66	.101	18	175	.70	159	.10	21	1.93	.04	.15	15	540

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-112

Data F FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196390	18	1125	6	44	.4	32	10	201	3.34	4	<5	<2	2	396	<.2	<2	5	85	1.86	.092	12	50	1.32	429	.10	<3	.73	.05	.43	2	36
RE 196390	18	1107	6	44	.3	31	10	201	3.33	5	<5	<2	2	397	<.2	<2	5	84	1.84	.092	12	50	1.31	448	.10	<3	.73	.05	.43	2	47
196391	16	697	6	35	<.3	34	11	240	3.80	5	<5	<2	<2	193	<.2	<2	3	90	1.96	.104	14	53	1.32	279	.10	<3	.77	.06	.43	3	32
196392	3	311	7	72	<.3	34	11	311	3.42	3	<5	<2	3	170	<.2	<2	5	88	1.49	.119	13	52	1.24	540	.13	<3	.75	.07	.49	3	43
196393	11	1081	<3	28	<.3	32	10	227	3.59	2	<5	<2	<2	244	<.2	<2	4	88	1.98	.101	14	50	1.43	131	.11	<3	.76	.06	.48	3	84
196394	29	664	3	32	<.3	33	14	212	3.64	3	<5	<2	<2	468	<.2	<2	5	83	2.43	.107	16	46	1.41	90	.08	<3	.63	.06	.35	2	137
196395	21	553	5	29	<.3	32	11	190	3.65	5	<5	<2	<2	451	<.2	<2	4	84	2.04	.104	14	50	1.41	216	.11	<3	.79	.06	.48	3	74
196396	24	981	9	28	<.3	28	12	216	3.36	31	6	<2	<2	185	<.2	<2	4	71	3.21	.113	18	40	1.39	45	.04	<3	.58	.04	.19	2	56
196397	6	438	8	34	<.3	34	12	248	3.49	24	<5	<2	<2	200	<.2	<2	5	77	3.24	.111	12	46	1.53	42	.07	<3	.65	.05	.30	2	18
196398	12	1485	10	48	.4	33	11	286	3.70	29	<5	<2	<2	165	<.2	10	6	80	2.48	.116	12	47	1.19	138	.05	<3	.71	.05	.24	<2	95
196399	8	559	5	26	<.3	31	10	309	3.56	<2	<5	<2	2	1209	<.2	<2	5	85	1.84	.114	14	51	1.23	475	.11	<3	.70	.07	.43	2	22
196400	15	711	5	31	<.3	32	10	263	3.37	<2	<5	<2	<2	2279	<.2	<2	5	85	1.51	.118	13	53	1.17	406	.13	<3	.76	.10	.48	<2	29
196401	60	1491	7	32	<.3	32	11	271	3.61	<2	<5	<2	<2	2911	<.2	<2	<2	82	1.48	.115	13	55	1.18	313	.12	<3	.73	.08	.46	<2	66
STANDARD C3/AU-R	24	62	36	137	5.4	35	12	698	3.44	56	22	3	17	30	23.0	15	26	80	.61	.088	17	158	.65	145	.10	19	1.88	.04	.16	20	552

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-112

Date___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2394 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

97-112

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166001	6	1863	84	255	1.4	25	10	1482	3.55	156	<5	<2	4	97	1.9	67	<2	72	2.32	.107	14	44	1.06	306	.04	7	.61	.03	.23	<2	96
166002	7	1276	10	109	.5	34	14	1039	4.71	167	<5	<2	3	89	.4	5	<2	79	3.55	.109	11	53	1.57	131	.03	5	.87	.02	.17	<2	58
166003	15	1350	16	99	.7	31	14	744	4.34	87	<5	<2	4	70	.5	5	<2	90	3.50	.111	12	55	1.29	27	<.01	6	.77	.01	.09	<2	80
166004	37	1363	42	189	1.8	38	20	6783	6.31	99	<5	<2	3	59	.7	7	<2	54	2.52	.092	11	40	1.10	65	<.01	7	.84	.01	.18	<2	48
166005	18	2116	77	203	1.4	29	14	2937	5.25	104	<5	<2	3	66	1.1	5	<2	68	2.60	.102	12	40	1.09	41	<.01	6	.86	.01	.13	<2	133
166006	18	2044	19	95	.6	28	12	484	3.74	165	<5	<2	3	81	.6	3	<2	74	3.45	.112	13	45	1.33	23	<.01	3	.91	.01	.08	<2	134
166007	16	1462	8	64	.5	28	12	334	3.56	7	<5	<2	4	85	.2	<2	<2	84	2.11	.119	15	57	1.25	398	.08	3	.81	.04	.28	<2	88
166008	15	1759	13	76	.5	26	11	525	3.52	120	<5	<2	3	77	.4	3	<2	71	3.41	.118	14	42	1.31	19	<.01	4	.81	.01	.06	<2	87
166009	3	1380	3	46	.4	31	13	285	3.97	62	<5	<2	3	1755	<.2	<2	<2	91	1.88	.123	13	54	1.39	205	.14	3	.87	.03	.46	2	63
RE 166009	4	1340	7	45	.5	31	13	266	3.87	59	<5	<2	3	1759	<.2	<2	<2	89	1.84	.120	13	50	1.36	226	.13	3	.84	.03	.45	2	62
166010	14	1017	4	35	.4	29	12	207	3.70	14	5	<2	3	585	<.2	<2	2	82	2.33	.109	15	53	1.56	114	.15	4	.99	.07	.58	3	71
166011	9	1800	3	33	.6	30	12	182	4.67	15	<5	<2	4	1701	<.2	2	<2	95	1.83	.115	14	59	1.53	206	.15	5	.80	.05	.57	2	188
166012	6	2448	4	50	.6	28	14	303	4.25	3	<5	<2	3	1801	<.2	<2	<2	88	1.41	.111	12	60	1.46	167	.17	3	.85	.07	.64	2	194
166013	6	2327	6	53	1.0	30	14	301	4.34	2	<5	<2	3	724	<.2	<2	<2	90	1.59	.115	12	64	1.61	304	.19	<3	.93	.07	.71	3	143
166014	4	1638	8	42	.5	28	14	235	4.23	48	<5	<2	4	193	<.2	<2	<2	82	1.97	.109	12	58	1.33	115	.11	5	.96	.05	.40	<2	136
166015	6	1183	4	49	.3	28	12	208	4.06	2	<5	<2	4	145	<.2	<2	<2	86	1.72	.113	14	75	1.53	630	.18	4	.94	.07	.65	3	71
166016	8	996	6	55	<.3	20	11	196	3.92	3	<5	<2	2	141	.2	<2	<2	62	2.34	.105	10	49	1.31	162	.10	<3	.67	.05	.34	2	73
166017	13	2510	12	70	.6	25	12	233	4.36	11	<5	<2	4	154	.2	<2	<2	65	2.10	.100	12	49	1.18	201	.07	6	.58	.04	.27	<2	228
166018	14	1807	79	217	.8	34	13	1435	4.07	85	<5	<2	3	108	1.1	22	<2	69	3.27	.100	15	49	1.34	54	<.01	5	.86	.01	.11	<2	212
166019	141	1973	21	88	.7	37	14	499	3.69	11	<5	<2	3	124	.3	3	<2	80	2.33	.128	17	59	1.14	139	.04	3	.95	.01	.18	<2	113
166020	6	1073	7	56	.3	34	12	270	3.48	3	<5	<2	4	121	<.2	<2	<2	80	1.77	.116	12	55	1.37	260	.15	5	1.02	.04	.54	2	52
166021	46	741	10	71	.4	29	11	311	3.24	4	<5	<2	4	139	.2	2	<2	81	1.73	.113	12	72	1.46	558	.17	4	1.01	.05	.62	2	52
166022	41	1614	120	220	2.3	28	10	2723	3.86	159	<5	<2	3	126	1.3	34	<2	60	3.82	.094	11	42	1.65	137	.01	8	.74	.01	.21	<2	108
166023	10	2242	190	266	2.6	33	12	3204	3.73	102	<5	<2	3	126	3.7	153	3	68	2.47	.113	14	47	1.18	217	.03	6	.74	.01	.21	<2	203
166024	20	1221	216	434	2.4	33	12	5808	4.20	47	<5	<2	4	144	2.3	117	<2	67	2.24	.109	12	54	1.44	555	.10	6	.85	.03	.45	<2	85
166025	1	1100	18	190	.6	35	13	2187	3.54	34	<5	<2	3	160	.6	55	<2	68	1.87	.111	12	59	1.39	519	.13	6	.91	.03	.52	<2	71
166026	2	1351	46	245	.5	36	13	2415	4.08	32	<5	<2	3	163	.6	51	<2	78	2.01	.113	13	72	1.60	625	.17	6	1.00	.05	.66	<2	73
166027	5	1874	57	443	2.3	29	11	11122	5.48	58	<5	<2	3	519	2.1	140	<2	53	2.57	.083	11	47	1.42	423	.09	7	.69	.03	.42	<2	112
166028	2	1952	48	168	.9	28	11	2072	3.57	41	<5	<2	3	875	.5	32	<2	70	1.57	.100	12	64	1.42	401	.18	5	1.00	.05	.70	2	125
166029	5	2270	30	236	1.8	21	11	3459	5.13	17	<5	<2	2	1294	.6	28	<2	45	2.12	.111	12	31	1.44	234	.12	7	.68	.05	.47	<2	142
166030	6	1380	80	162	.7	13	11	829	4.91	5	<5	<2	2	788	.4	3	<2	32	1.21	.141	12	22	1.11	166	.15	6	.73	.07	.52	<2	116
166031	2	2009	9	55	.5	18	12	274	4.46	3	<5	<2	2	1039	<.2	<2	<2	48	1.17	.141	13	31	1.28	197	.19	3	.83	.07	.67	3	117
166057	11	1057	5	42	.3	29	11	307	3.41	11	<5	<2	3	96	<.2	<2	3	72	3.16	.105	12	58	1.42	511	.02	4	.78	.01	.11	2	38
166058	2	920	241	3072	1.2	23	9	6639	4.95	63	<5	<2	3	226	22.5	14	<2	43	6.11	.071	8	32	2.57	137	<.01	7	.52	.01	.14	<2	95
166059	1	469	453	2870	2.1	22	12	3540	4.01	56	<5	<2	4	167	17.6	15	<2	55	5.00	.083	11	36	1.98	115	.01	9	.75	.01	.11	<2	30
STANDARD C3/AU-R	25	63	34	150	5.5	34	12	714	3.28	55	21	3	18	29	22.3	18	17	81	.61	.091	17	169	.65	133	.11	22	1.87	.04	.16	14	532

DDH 97-113

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 26 1997 DATE REPORT MAILED: May 29/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

211-4b HAD

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-2394

ACME ANALYTICAL

DDH 97-113

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
97-113																															
166060	2	363	788	1699	2.4	19	7	6411	4.85	46	<5	<2	3	706	11.0	38	<2	50	6.58	.059	8	28	2.71	263	.03	8	.43	.02	.16	<2	7
166061	2	248	4	55	<.3	25	11	323	2.68	2	<5	<2	3	1818	<.2	<2	<2	72	1.65	.099	14	58	1.12	395	.14	5	.69	.06	.46	2	8
196402	11	863	8	57	<.3	28	12	280	3.34	<2	<5	<2	3	1867	<.2	<2	<2	80	1.37	.110	13	53	1.02	224	.12	6	.58	.07	.37	2	27
196403	5	736	6	54	<.3	26	10	358	3.05	<2	<5	<2	3	638	<.2	<2	<2	84	1.84	.114	15	68	1.07	576	.12	4	.70	.07	.35	2	19
196404	4	611	5	44	<.3	26	11	323	2.74	3	<5	<2	3	283	<.2	<2	<2	77	1.87	.115	16	61	1.00	581	.10	4	.66	.05	.30	2	17
196405	9	889	7	64	<.3	26	11	566	2.97	66	<5	<2	3	275	.2	2	<2	70	3.90	.112	14	45	1.34	94	.01	4	.84	.02	.06	<2	38
196406	3	631	9	67	<.3	23	9	492	3.00	4	<5	<2	3	152	<.2	<2	<2	75	2.68	.120	14	46	1.22	221	.06	3	.65	.03	.21	<2	136
196407	11	2747	8	41	<.3	24	12	290	4.50	34	<5	<2	2	128	<.2	<2	<2	58	2.32	.133	13	29	1.03	128	.02	5	.71	.04	.11	<2	130
196408	10	4207	6	34	.9	21	12	245	6.12	8	<5	<2	<2	101	<.2	<2	<2	43	1.19	.145	13	13	.88	133	.06	5	.47	.06	.23	3	454
196409	53	2861	8	37	.8	17	13	254	6.46	5	<5	<2	<2	100	<.2	<2	<2	51	.91	.142	12	31	1.02	306	.14	6	.71	.07	.47	3	275
196410	11	2816	12	88	.5	21	13	417	6.72	159	<5	<2	<2	102	<.2	<2	<2	37	1.43	.173	12	10	.85	72	.03	6	.58	.04	.13	2	338
196411	28	5742	46	156	.7	24	12	1033	7.89	390	<5	<2	<2	111	<.2	16	<2	49	3.00	.132	10	8	1.26	77	<.01	5	.70	.03	.10	2	449
196412	37	4305	27	129	1.5	41	18	1367	9.95	554	<5	<2	<2	111	<.2	20	2	38	3.72	.129	7	10	1.55	26	<.01	5	.65	.02	.10	2	225
196413	20	9798	12	86	2.2	19	12	461	9.89	17	<5	<2	<2	147	<.2	4	<2	53	1.45	.113	10	13	.81	111	.03	8	.56	.04	.14	3	800
196414	8	5394	7	46	1.0	.21	10	314	5.20	19	<5	<2	<2	130	<.2	<2	<2	47	2.09	.110	13	32	.93	84	<.01	6	.68	.02	.08	2	550
97-112																															
196415	12	10742	10	46	2.8	15	8	293	5.42	252	<5	<2	<2	120	<.2	6	26	35	3.07	.067	15	22	1.23	132	<.01	6	.53	.03	.07	2	910
196416	6	9167	7	46	2.1	15	10	227	6.87	7	<5	<2	<2	69	<.2	<2	13	36	1.18	.135	11	9	.77	170	.07	4	.47	.06	.24	2	910
196417	11	4918	9	72	.8	15	10	245	6.49	4	5	<2	<2	112	<.2	<2	<2	32	1.30	.166	13	12	.77	241	.07	6	.53	.08	.27	2	245
196418	4	5015	48	134	1.3	12	10	701	6.15	85	5	<2	<2	102	.5	9	<2	26	1.28	.176	13	16	.77	305	.05	7	.47	.05	.20	<2	600
196419	5	6081	9	59	.8	17	12	304	6.93	77	<5	<2	<2	99	<.2	<2	<2	33	1.56	.167	14	9	.88	136	.03	6	.63	.04	.14	2	414
196420	30	5096	9	35	1.1	20	11	215	5.88	8	<5	<2	2	119	<.2	<2	2	57	1.45	.139	14	30	.85	167	.04	5	.60	.03	.17	2	313
RE 196420	27	5284	6	37	1.0	22	12	223	6.18	7	<5	<2	2	124	<.2	<2	<2	59	1.51	.144	15	32	.88	173	.04	5	.62	.03	.17	<2	255
196421	10	4493	6	38	.8	23	11	168	5.01	58	<5	<2	2	110	<.2	<2	<2	67	2.01	.125	13	44	1.11	110	.07	5	.74	.03	.23	2	221
196422	89	8591	7	36	1.1	21	11	206	6.54	106	<5	<2	<2	89	<.2	<2	<2	50	1.53	.134	13	25	.81	76	.02	5	.50	.05	.10	2	463
196423	8	3084	6	40	1.0	12	11	265	6.15	<2	<5	<2	<2	84	<.2	<2	<2	30	1.08	.171	12	14	.95	245	.12	5	.72	.08	.38	2	148
196424	5	4517	5	31	.8	21	10	194	5.09	3	7	<2	2	378	<.2	2	<2	50	1.43	.126	13	30	1.11	256	.14	6	.73	.08	.49	4	285
196425	7	1981	3	28	<.3	27	11	166	3.51	2	<5	<2	4	1481	<.2	<2	<2	81	1.48	.103	11	60	1.31	407	.20	7	.96	.07	.71	3	107
196426	18	2324	4	29	.3	29	12	176	3.58	16	<5	<2	2	1816	<.2	2	<2	77	1.84	.111	16	62	1.32	296	.17	6	.89	.07	.63	2	230
196427	148	6280	9	35	.9	23	11	246	4.00	45	<5	<2	2	111	<.2	2	<2	52	2.24	.104	19	42	1.00	164	.08	6	.63	.06	.28	4	560
196428	5	2816	<3	43	.6	27	12	238	5.36	<2	<5	<2	3	90	<.2	<2	<2	67	1.41	.137	12	44	1.12	229	.14	6	.71	.07	.47	3	254
196429	4	3874	6	54	.9	27	13	245	5.15	<2	<5	<2	2	58	<.2	<2	<2	62	1.00	.128	12	52	1.37	282	.20	4	.97	.07	.73	3	221
196430	3	1985	4	51	<.3	26	13	225	4.17	<2	<5	<2	3	576	<.2	<2	<2	70	1.02	.129	11	51	1.30	295	.20	4	.86	.07	.73	3	91
196431	33	3588	6	35	.6	27	11	183	3.75	8	<5	<2	3	631	<.2	<2	<2	76	1.23	.104	11	57	1.40	248	.27	4	1.00	.09	.83	3	507
196432	12	6286	4	39	1.7	26	10	184	3.96	3	<5	<2	3	475	<.2	2	2	71	1.45	.089	11	55	1.25	215	.18	7	.82	.06	.69	4	456
196433	4	2038	3	36	.4	28	12	160	4.43	<2	<5	<2	4	249	<.2	<2	<2	83	.97	.097	10	59	1.39	277	.28	6	.94	.07	.84	3	154
STANDARD C3/AU-R	24	65	36	151	5.5	35	13	764	3.39	52	22	2	17	29	22.0	17	16	81	.61	.092	17	172	.66	138	.11	22	1.89	.04	.16	14	490

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-112

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
196434	1	2592	<3	39	.8	28	12	140	4.39	<2	<5	<2	4	339	.3	<2	<2	83	.87	.102	10	54	1.48	439	.26	<3	.99	.10	.95	2	190
196435	3	2974	4	52	.6	26	10	235	4.04	6	<5	<2	3	826	<.2	<2	2	76	1.17	.101	11	53	1.38	546	.22	<3	.96	.10	.81	2	204
196436	47	2380	3	43	.5	33	12	181	3.98	<2	<5	<2	4	81	.3	<2	4	81	1.03	.111	13	64	1.42	435	.23	5	1.08	.06	.88	2	154
196437	2	2528	<3	40	.5	33	12	141	4.36	<2	<5	<2	4	296	<.2	<2	<2	89	.84	.101	12	71	1.63	325	.29	4	1.19	.12	1.12	2	221
196438	2	3018	3	44	.9	30	14	143	4.32	<2	<5	<2	4	164	.2	<2	2	85	.65	.096	10	66	1.59	281	.28	3	1.08	.09	1.07	<2	298
RE 196438	1	3048	<3	44	1.2	32	12	143	4.41	<2	<5	<2	5	163	<.2	<2	2	87	.66	.098	10	69	1.61	294	.29	3	1.10	.09	1.09	2	268
196439	5	2279	<3	47	.7	34	13	152	4.48	<2	<5	<2	4	267	<.2	<2	2	87	1.00	.099	11	64	1.61	325	.27	3	1.09	.09	1.00	2	180
196440	2	1497	4	50	.5	29	12	167	4.23	2	<5	<2	5	92	<.2	<2	6	85	1.28	.101	11	61	1.60	376	.24	<3	1.04	.08	.90	2	222
196441	3	1590	4	45	.3	30	11	156	4.06	<2	<5	<2	4	738	.2	<2	5	86	.97	.099	11	55	1.42	349	.24	<3	.94	.08	.88	<2	79
196442	6	1334	<3	39	.3	31	12	145	3.85	<2	<5	<2	4	660	<.2	<2	3	83	1.24	.103	12	52	1.54	351	.28	4	1.03	.07	.99	2	59
196443	3	1323	5	40	.5	29	12	158	4.15	<2	<5	<2	4	788	.4	<2	3	90	1.15	.102	13	53	1.52	342	.26	<3	1.04	.10	.96	2	82
196444	20	3168	3	43	.8	29	12	203	4.00	<2	<5	<2	3	453	<.2	<2	6	80	1.22	.103	13	54	1.36	276	.20	<3	.89	.08	.73	4	354
196445	3	2183	7	72	.5	33	13	228	4.47	2	<5	<2	3	382	<.2	<2	4	89	1.15	.109	14	56	1.51	258	.23	<3	.99	.09	.84	2	212
196446	3	2515	4	58	1.1	34	14	209	4.42	5	<5	<2	4	1677	<.2	<2	7	91	1.02	.104	13	58	1.54	353	.27	5	1.04	.09	.97	2	237
196447	34	3651	6	55	1.1	33	13	212	4.19	4	<5	<2	4	367	<.2	<2	<2	81	1.30	.107	14	54	1.43	204	.20	<3	.90	.09	.76	2	248
196448	2	1233	<3	57	.6	34	12	226	3.83	2	6	<2	4	162	<.2	<2	<2	94	1.47	.114	14	59	1.41	183	.22	4	.85	.08	.78	2	70
196449	5	980	4	57	.5	32	11	215	3.44	16	<5	<2	3	1800	.4	6	<2	85	1.84	.112	15	58	1.42	262	.22	<3	.92	.08	.82	2	51
196450	7	1756	6	45	.6	27	10	199	3.64	4	<5	<2	3	1159	.3	<2	6	84	1.76	.107	14	46	1.37	496	.18	<3	.90	.05	.66	2	85
STANDARD C3/AU-R	26	72	35	167	5.8	35	12	764	3.70	58	26	2	18	31	23.8	15	21	85	.65	.098	19	176	.69	152	.10	19	1.95	.04	.18	16	535

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-112

Data___ FA ____

Hole No. 97-113 AC#'s: 97-2394, 97-2417
Page 1 of 7

BOOKER GOLD EXPLORATIONS LTD.

Location: 10275W/10026S	Dips - collar	-70 °	Contractor: J.T.T.	Hole No: 97-113	
Azimuth: 220° (SW)	-285.5 m	-73 °	Logged by: O.M.	Property: Hearne Hill	
Elevation: 1080 m	- m	°	Date: May 22/97	Claim No. 1	
Length: 285.5m (937')	- m	°		Section No.	
Core size: NQ	- m	°		Started: May 14/97	
Purpose: Cross over geochem & geophysical anomaly to SW of collar.				Completed: May 20/97	

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
0	6.1	casing: overburden						
	20'	no core						
		-core logged after split	6.1	27.2	Argillic (Advanced) -crowded BFP, ↓ little or no biot, strong FeOx on fracture -seric abundant -Py V. abundant as veneers on fract. -py ≤ 1% -trace Cp blebs	1-5	0-20° (at core)	carb-qtz -Py
6.1	9.6	Biotite Feldspar Porphyry -several diff. phase -altrd throughout to varying degress -competent rock, only soft (Hardness < 3) in a few places -Fractures near sfc. parallel to C.A.						
		27.2 - 52.7 m -hardness 4-5, competent rock, veinlets & fractures less abundant.	27.2	52.7	Int. Argillic, biot present in core. fspars -py cubes found throughout -oxide stains on py FeOx brown ± hues of orange			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
16002	6.2	8.2	1276	58	.5	7
003	8.2	11.2	1350	80	.7	15
004	11.2	14.3	1363	48	1.8	37
005	14.3	17.3	2116	133	1.4	18
006	17.3	20.4	2044	134	.6	18
007	20.4	23.1	1462	88	.5	16
008	23.1	26.5	1759	87	.5	15
009	26.5	29.5	1380	63	.5	4
010	29.5	32.6	1017	71	.4	14
011	32.6	35.6	1800	188	.6	9
012	35.6	38.7	2448	194	.6	6
013	38.7	41.7	2327	143	1.0	6
014	41.7	44.8	1638	136	.5	4
015	44.8	47.8	1183	71	.3	6
016	47.8	50.9	996	73	<.3	8

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		52.7 - 73.0	52.7	73.0	Advanced Argillic w	1-10	0-20°	carb - (2 phases
		bleached, soft (hardness <3)			short secn's within		(most)	one earlier dark
		-veins and cavities throughout			less advanced.			one, infilled w
		virtually no biot, relict			-stringers in thin carb			a later sparry
		BFP texture.			veinlets of f.g. py			calcite),
		-cavities filled w carb +			-sus decrease in			
		py			sub-unit.			
		-some areas complete			-trace blebs of Cp			
		mush, totally incompetent			associated w py.			
		-fspar anhedral			-v. strong ser. of fspars			
	at	68.5 m:						
		-large slickenside parallel						
		to C.A.						
		73.0 - 91.6	73.0	91.6	Int. Argillic			
		med. grey, BFP			sericite/epidin fspars			
		crowded w biot. books			-py ≤ 1%			
		fairly fresh throughout			-trace cp. as small			
		-large veins w cavities			blebs.			
		subparallel to C.A.						
		@ 83.2 m - 88.0 m						
		thick veins of carb.						
		(sparry calcite).						
		-few short secn's of						
		andesitic lapilli stockwk.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
017	50.9	53.9	2510	228	.6	13
018	53.9	56.9	1807	212	.8	14
019	56.9	60.0	1973	113	.7	141
020	60.0	63.0	1073	52	.3	6
021	63.0	66.1	741	52	.4	46
022	66.1	69.1	1614	108	2.3	41
023	69.1	72.2	2242	203	2.6	10
024	72.2	75.2	1221	85	2.4	20
025	75.2	78.3	1100	71	.6	1
026	78.3	81.3	1351	73	.5	2
027	81.3	84.4	1874	112	2.3	5
028	84.4	87.4	1952	125	.9	2
029	87.4	90.5	2270	142	1.8	5
030	90.5	93.2	1380	116	.7	6

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
91.6	115.2	Andesitic Hornfels Stockwork - BFP dikes common in sects, contacts indistinct and overprinted to Potassic alt'n - sul's more abundant on Fractures & veinlets. - numerous veinlets x-cut C.A. @ various angles containing diff. assemblages of minerals - weak to moderately mag. - Few short areas bleached as rhyodacite. - hard, siliceous, competent rock, few fractures @ an undetermined mode average	91.6	115.2	Strong Potassic - abundant f.g. biot. - Kspar phenocrysts in strongly overprinted areas of core - sul's increase dramatically in stockwk. - cp ± py - py as thin veneers on fractures as small cubes - cp often ≥ py but as irreg. blebs on fractures and stringers in stockwk. veinlets - Mo assoc. ≥ cp in few areas cp < 1%	1-3	Various	mag(hem)/carb ± cp ± py - minor qtz
			at 97.9		cp as coating on fracture 10° to C.A, ≥ small amount of dusting of Mo.			
		97.6 - 100.9 m BFP dike x-cut C.A. - lack of mineralization throughout.						

Sample No.	From	To	Cu PPM	Au PPB	As PPM	Mo PPM
031	93.2	96.3	2009	117	.5	2
032	96.3	99.3	2165	80	.4	20
033	99.3	102.4	2404	122	.7	21
034	102.4	105.7	2148	92	.6	3
035	105.7	108.8	2429	92	.6	4
036	108.8	111.8	2329	94	.5	9
037	111.8	114.9	2187	78	.6	8
038	114.9	117.9	1985	104	.7	1

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
115.2	138.6	RFP, w small scr'ns of Andesitic Hornfels - med. dark colour - fspar < 40% of total - areas very dark w few bleached areas - fspars anhedral - abundant f.g. biot	115.2	138.6	Strong Potassic - abundant biot. throughout f.g., carb, cement - sericite of fspar - v. dark areas contain f.g. mag. in old fractures/veinlets - chl of biot. as a retrograde mineral - few diss. sul's w some areas richer - sphalerite xtals well-developed dispersed unevenly throughout	1-5		carb-mag(hem) ±sul's(py>cp)
			at	118.9	Sphalerite xtals well-developed over 10-15cm, stricted subes 3 mm dia. translucent + vitreous grey w brown edges			
138.6	169.3	Rhyodacite/Andesitic Hx'ls alt'd., inclusions of BFP - f.g., not siliceous, bleached mainly w short scr'ns	138.6	169.3	Potassic-Phyllic - lighter areas phyllic alt'n and darker ones w more mag/biot, potassic zones	1-10		carb-py ±cp-mag

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
039	117.9	121.0	480	45	2.1	11
040	121.0	124.0	4772	53	.8	31
041	124.0	127.1	498	23	.3	2
042	127.1	130.1	517	29	.4	3
043	130.1	133.8	440	14	<.3	9
044	133.8	136.5	712	78	.4	2
045	136.5	139.3	1441	47	1.0	14
046	139.3	142.3	2209	82	1.0	2
047	142.3	145.3	2530	192	.7	4
048	145.3	148.4	2626	296	1.4	8
049	148.4	151.4	3411	211	3.7	2

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION etc.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		of mafic f.g. units <3cm			Seric carb in light areas	1-10	various	Carb-mag(hem)	050	151.4	154.5	1602	57	5.7	3
		length, containing bbld &			-minor Kspar xtals in			-py ± cp	051	154.5	157.5	1759	60	.7	1
		bit, both f.g.			dark areas & light coloured				052	157.5	160.6	1243	57	.7	2
		-hornfelsing to diff amounts			xtals.				053	160.6	163.3	840	45	.5	3
		-stockwork interlocking			-Su's mainly as stringers				054	163.3	166.4	1645	64	.6	3
		veinlet appearance			in veinlets.				055	166.4	169.4	1300	54	.5	2
					-minor epid of fspars.										
				at	151.2m										
					-massive sphalerite in										
					a large veinlet over										
					1cm thick										
169.3	219.5	BFP, light grey, bleached	169.3	184.9	lt. to weak argillic	1-2	45°	carb + cp±py	056	169.4	172.5	359	20	.4	2
		-to med. grey material			alt'n			166	057	172.5	175.5	1057	38	.3	11
		less alt'd.			-±biot in areas				058	175.5	178.9	920	95.	1.2	2
		:few veinlets w/ thick			-mainly sericalt'n w/				059	178.9	181.9	469	30	2.1	1
		secs of carb.			thick areas of carb and				060	181.9	185.0	363	7	2.4	2
		alt'n mainly around			sphalerite xtals found				061	185.0	188.0	248	8	<.3	2
		carb cemented areas.			w/in.				062	188.0	191.1	477	11	<.3	7
									063	191.1	193.2	216	10	.5	2
				at	177.2m. well-developed				064	193.2	197.2	483	16	<.3	12
					xtals of sphalerite				065	197.2	200.2	652	18	<.3	15
					in thick carb cement				066	200.2	203.3	766	62	.3	7
					-Sphl. xtals exhibit				067	203.3	206.3	561	16	.3	4
					6-sided boundaries, striated				068	206.3	209.3	1251	54	.5	23
					and somewhat flakey appearance.										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
			184.9	219.5	Propylitic / weak argillic - seric + epid - carb cement along fract - py ± cp to a lesser amount, f.g. diss. & in masses along fractures - some chl coatings on fracture sfcs			
219.5	275.6	Andesitic Hornfels cut by a series of BFP dikes w/ similar composition as previous dike - hornfels shows strong strkwk appearance, numerous interlocking veinlets of diff. mineral assemblages - dikes contain few sulf 235.5 – 239.5 m BFP dike surr by other small ones < 1 m crowded - propylitic alt'n	219.5	276.6	Potassic - strong biot + mag. carb. along fractures and as a cementing agent - phyllic alt'd bleached areas - py f.g. diss., but mainly as well-developed small cubic xtals < 5 cm - striations along veinlets - cp associated w/ py - py >> cp, cp as irreg. blebs, to lesser amount as it occurs on fractures	1-10	various	carb-mag (hem) - py ± cp

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
069	209.3	212.4	783	36	.3	5
070	212.4	215.4	544	10	.3	6
071	215.4	218.5	449	13	.3	3
072	218.5	221.5	1029	37	.5	4
073	221.5	224.6	1449	34	.5	8
074	224.6	227.6	1670	52	.6	16
075	227.6	230.7	1590	82	.8	14
076	230.7	233.7	2682	58	1.1	143
077	233.7	236.2	1758	51	.6	5
078	236.2	239.2	846	19	.4	6
079	239.2	242.9	1702	36	.4	6
080	242.4	245.9	1718	39	1.0	3
081	245.5	249.3	1713	54	.8	4
082	249.3	252.0	1840	86	.5	11
083	252.0	255.1	1963	47	.7	75
084	255.1	258.1	1629	38	.3	5
085	258.1	261.2	1792	52	.5	11
086	261.2	264.2	1328	38	.5	7
087	264.2	267.3	1894	41	.6	4
088	267.3	270.3	2436	131	.7	10
089	270.3	273.4	1458	34	.4	12

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
275.6	285.5	Biotite Feldspar Porphyry - light greysome what bleached over 1st couple of metres, darker afterwards - typically unaltered material - siliceous, hard, few fractures @ 45° to C.A.	276	277.5	Argillic Alt'n. - light coloured, fairly crowded rock, - few sul's primarily py veinlets ± carb. - cp << 1% at 277.2 m - py-cp mass, on a veinlet 3mm thick 45° to C.A.	1-10	30-40°	carb (calcite) - py ± cp
			277.5	285.5	Propylitic Alt'n. - dark, decrease in fspars euhedral ± fresh biot - hng., fspress < 50% w/ lot of groundmass. (biot, hbld.)			
at	285.5 937'	E.O.H.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
090	273.4	276.4	1115	39	.4	8
091	276.4	279.5	157	2	<.3	4
092	279.5	282.5	259	16	.4	15
093	282.5	285.5	202	4	.3	7

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2394 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166001	6	1863	84	255	1.4	25	10	1482	3.55	156	<5	<2	4	97	1.9	67	<2	72	2.32	.107	14	44	1.06	306	.04	7	.61	.03	.23	<2	96
166002	7	1276	10	109	.5	34	14	1039	4.71	167	<5	<2	3	89	.4	5	<2	79	3.55	.109	11	53	1.57	131	.03	5	.87	.02	.17	<2	58
166003	15	1350	16	99	.7	31	14	744	4.34	87	<5	<2	4	70	.5	5	<2	90	3.50	.111	12	55	1.29	27	<.01	6	.77	.01	.09	<2	80
166004	37	1363	42	189	1.8	38	20	6783	6.31	99	<5	<2	3	59	.7	7	<2	54	2.52	.092	11	40	1.10	65	<.01	7	.84	.01	.18	<2	48
166005	18	2116	77	203	1.4	29	14	2937	5.25	104	<5	<2	3	66	1.1	5	<2	68	2.60	.102	12	40	1.09	41	<.01	6	.86	.01	.13	<2	133
166006	18	2044	19	95	.6	28	12	484	3.74	165	<5	<2	3	81	.6	3	<2	74	3.45	.112	13	45	1.33	23	<.01	3	.91	.01	.08	<2	134
166007	16	1462	8	64	.5	28	12	334	3.56	7	<5	<2	4	85	.2	<2	<2	84	2.11	.119	15	57	1.25	398	.08	3	.81	.04	.28	<2	88
166008	15	1759	13	76	.5	26	11	525	3.52	120	<5	<2	3	77	.4	3	<2	71	3.41	.118	14	42	1.31	19	<.01	4	.81	.01	.06	<2	87
166009	3	1380	3	46	.4	31	13	285	3.97	62	<5	<2	3	1755	<.2	<2	<2	91	1.88	.123	13	54	1.39	205	.14	3	.87	.03	.46	2	63
RE 166009	4	1340	7	45	.5	31	13	266	3.87	59	<5	<2	3	1759	<.2	<2	<2	89	1.84	.120	13	50	1.36	226	.13	3	.84	.03	.45	2	62
166010	14	1017	4	35	.4	29	12	207	3.70	14	5	<2	3	585	<.2	<2	2	82	2.33	.109	15	53	1.56	114	.15	4	.99	.07	.58	3	71
166011	9	1800	3	33	.6	30	12	182	4.67	15	<5	<2	4	1701	<.2	2	<2	95	1.83	.115	14	59	1.53	206	.15	5	.80	.05	.57	2	188
166012	6	2448	4	50	.6	28	14	303	4.25	3	<5	<2	3	1801	<.2	<2	<2	88	1.41	.111	12	60	1.46	167	.17	3	.85	.07	.64	2	194
166013	6	2327	6	53	1.0	30	14	301	4.34	2	<5	<2	3	724	<.2	<2	<2	90	1.59	.115	12	64	1.61	304	.19	<3	.93	.07	.71	3	143
166014	4	1638	8	42	.5	28	14	235	4.23	48	<5	<2	4	193	<.2	<2	<2	82	1.97	.109	12	58	1.33	115	.11	5	.96	.05	.40	<2	136
166015	6	1183	4	49	.3	28	12	208	4.06	2	<5	<2	4	145	<.2	<2	<2	86	1.72	.113	14	75	1.53	630	.18	4	.94	.07	.65	3	71
166016	8	996	6	55	<.3	20	11	196	3.92	3	<5	<2	2	141	.2	<2	<2	62	2.34	.105	10	49	1.31	162	.10	<3	.67	.05	.34	2	73
166017	13	2510	12	70	.6	25	12	233	4.36	11	<5	<2	4	154	.2	<2	<2	65	2.10	.100	12	49	1.18	201	.07	6	.58	.04	.27	<2	228
166018	14	1807	79	217	.8	34	13	1435	4.07	85	<5	<2	3	108	1.1	22	<2	69	3.27	.100	15	49	1.34	54	<.01	5	.86	.01	.11	<2	212
166019	141	1973	21	88	.7	37	14	499	3.69	11	<5	<2	3	124	.3	3	<2	80	2.33	.128	17	59	1.14	139	.04	3	.95	.01	.18	<2	113
166020	6	1073	7	56	.3	34	12	270	3.48	3	<5	<2	4	121	<.2	<2	<2	80	1.77	.116	12	55	1.37	260	.15	5	1.02	.04	.54	2	52
166021	46	741	10	71	.4	29	11	311	3.24	4	<5	<2	4	139	.2	2	<2	81	1.73	.113	12	72	1.46	558	.17	4	1.01	.05	.62	2	52
166022	41	1614	120	220	2.3	28	10	2723	3.86	159	<5	<2	3	126	1.3	34	<2	60	3.82	.094	11	42	1.65	137	.01	8	.74	.01	.21	<2	108
166023	10	2242	190	266	2.6	33	12	3204	3.73	102	<5	<2	3	126	3.7	153	3	68	2.47	.113	14	47	1.18	217	.03	6	.74	.01	.21	<2	203
166024	20	1221	216	434	2.4	33	12	5808	4.20	47	<5	<2	4	144	2.3	117	<2	67	2.24	.109	12	54	1.44	555	.10	6	.85	.03	.45	<2	85
166025	1	1100	18	190	.6	35	13	2187	3.54	34	<5	<2	3	160	.6	55	<2	68	1.87	.111	12	59	1.39	519	.13	6	.91	.03	.52	<2	71
166026	2	1351	46	245	.5	36	13	2415	4.08	32	<5	<2	3	163	.6	51	<2	78	2.01	.113	13	72	1.60	625	.17	6	1.00	.05	.66	<2	73
166027	5	1874	57	443	2.3	29	11	11122	5.48	58	<5	<2	3	519	2.1	140	<2	53	2.57	.083	11	47	1.42	423	.09	7	.69	.03	.42	<2	112
166028	2	1952	48	168	.9	28	11	2072	3.57	41	<5	<2	3	875	.5	32	<2	70	1.57	.100	12	64	1.42	401	.18	5	1.00	.05	.70	2	125
166029	5	2270	30	236	1.8	21	11	3459	5.13	17	<5	<2	2	1294	.6	28	<2	45	2.12	.111	12	31	1.44	234	.12	7	.68	.05	.47	<2	142
166030	6	1380	80	162	.7	13	11	829	4.91	5	<5	<2	2	788	.4	3	<2	32	1.21	.141	12	22	1.11	166	.15	6	.73	.07	.52	<2	116
166031	2	2009	9	55	.5	18	12	274	4.46	3	<5	<2	2	1039	<.2	<2	<2	48	1.17	.141	13	31	1.28	197	.19	3	.83	.07	.67	3	117
166057	11	1057	5	42	.3	29	11	307	3.41	11	<5	<2	3	96	<.2	<2	3	72	3.16	.105	12	58	1.42	511	.02	4	.78	.01	.11	2	38
166058	2	920	241	3072	1.2	23	9	6639	4.95	63	<5	<2	3	226	22.5	14	<2	43	6.11	.071	8	32	2.57	137	<.01	7	.52	.01	.14	<2	95
166059	1	469	453	2870	2.1	22	12	3540	4.01	56	<5	<2	4	167	17.6	15	<2	55	5.00	.083	11	36	1.98	115	.01	9	.75	.01	.11	<2	30
STANDARD C3/AU-R	25	63	34	150	5.5	34	12	714	3.28	55	21	3	18	29	22.3	18	17	81	.61	.091	17	169	.65	133	.11	22	1.87	.04	.16	14	532

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-113

DATE RECEIVED: MAY 26 1997 DATE REPORT MAILED: May 29/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA

DDH 97-112

DDH 97-113

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166060	2	363	788	1699	2.4	19	7	6411	4.85	46	<5	<2	3	706	11.0	38	<2	50	6.58	.059	8	28	2.71	263	.03	8	.43	.02	.16	<2	7
166061	2	248	4	55	<.3	25	11	373	2.68	2	<5	<2	3	1818	<.2	<2	<2	72	1.65	.099	14	58	1.12	395	.14	5	.69	.06	.46	2	8
196402	11	863	8	57	<.3	28	12	280	3.34	<2	<5	<2	3	1867	<.2	<2	<2	80	1.37	.110	13	53	1.02	224	.12	6	.58	.07	.37	2	27
196403	5	736	6	54	<.3	26	10	358	3.05	<2	<5	<2	3	638	<.2	<2	<2	84	1.84	.114	15	68	1.07	576	.12	4	.70	.07	.35	2	19
196404	4	611	5	44	<.3	26	11	323	2.74	3	<5	<2	3	283	<.2	<2	<2	77	1.87	.115	16	61	1.00	581	.10	4	.66	.05	.30	2	17
196405	9	889	7	64	<.3	26	11	566	2.97	66	<5	<2	3	275	.2	2	<2	70	3.90	.112	14	45	1.34	94	.01	4	.84	.02	.06	<2	38
196406	3	631	9	67	<.3	23	9	492	3.00	4	<5	<2	3	152	<.2	<2	<2	75	2.68	.120	14	46	1.22	221	.06	3	.65	.03	.21	<2	136
196407	11	2747	8	41	<.3	24	12	290	4.50	34	<5	<2	2	128	<.2	<2	<2	58	2.32	.133	13	29	1.03	128	.02	5	.71	.04	.11	<2	130
196408	10	4207	6	34	.9	21	12	245	6.12	8	<5	<2	<2	101	<.2	<2	<2	43	1.19	.145	13	13	.88	133	.06	5	.47	.06	.23	3	454
196409	53	2861	8	37	.8	17	13	254	6.46	5	<5	<2	<2	100	<.2	<2	<2	51	.91	.142	12	31	1.02	306	.14	6	.71	.07	.47	3	275
196410	11	2816	12	88	.5	21	13	417	6.72	159	<5	<2	<2	102	<.2	<2	<2	37	1.43	.173	12	10	.85	72	.03	6	.58	.04	.13	2	338
196411	28	5742	46	156	.7	24	12	1033	7.89	390	<5	<2	<2	111	<.2	16	<2	49	3.00	.132	10	8	1.26	77	<.01	5	.70	.03	.10	2	449
196412	37	4305	27	129	1.5	41	18	1367	9.95	554	<5	<2	<2	111	<.2	20	2	38	3.72	.129	7	10	1.55	26	<.01	5	.65	.02	.10	2	225
196413	20	9798	12	86	2.2	19	12	461	9.89	17	<5	<2	<2	147	<.2	4	<2	53	1.45	.113	10	13	.81	111	.03	8	.56	.04	.14	3	800
196414	8	5394	7	46	1.0	21	10	314	5.20	19	<5	<2	<2	130	<.2	<2	<2	47	2.09	.110	13	32	.93	84	<.01	6	.68	.02	.08	2	550
196415	12	10742	10	46	2.8	15	8	293	5.42	252	<5	<2	<2	120	<.2	6	26	35	3.07	.067	15	22	1.23	132	<.01	6	.53	.03	.07	2	910
196416	6	9167	7	46	2.1	15	10	227	6.87	7	<5	<2	<2	69	<.2	<2	13	36	1.18	.135	11	9	.77	170	.07	4	.47	.06	.24	2	910
196417	11	4918	9	72	.8	15	10	245	6.49	4	5	<2	<2	112	<.2	<2	<2	32	1.30	.166	13	12	.77	241	.07	6	.53	.08	.27	2	245
196418	4	5015	48	134	1.3	12	10	701	6.15	85	5	<2	<2	102	.5	9	<2	26	1.28	.176	13	16	.77	305	.05	7	.47	.05	.20	<2	600
196419	5	6081	9	59	.8	17	12	304	6.93	77	<5	<2	<2	99	<.2	<2	<2	33	1.56	.167	14	9	.88	136	.03	6	.63	.04	.14	2	414
196420	30	5096	9	35	1.1	20	11	215	5.88	8	<5	<2	2	119	<.2	<2	2	57	1.45	.139	14	30	.85	167	.04	5	.60	.03	.17	2	313
RE 196420	27	5284	6	37	1.0	22	12	223	6.18	7	<5	<2	2	124	<.2	<2	<2	59	1.51	.144	15	32	.88	173	.04	5	.62	.03	.17	<2	255
196421	10	4493	6	38	.8	23	11	168	5.01	58	<5	<2	2	110	<.2	<2	<2	67	2.01	.125	13	44	1.11	110	.07	5	.74	.03	.23	2	221
196422	89	8591	7	36	1.1	21	11	206	6.54	106	<5	<2	<2	89	<.2	<2	<2	50	1.53	.134	13	25	.81	76	.02	5	.50	.05	.10	2	463
196423	8	3084	6	40	1.0	12	11	265	6.15	<2	<5	<2	<2	84	<.2	<2	<2	30	1.08	.171	12	14	.95	245	.12	5	.72	.08	.38	2	148
196424	5	4517	5	31	.8	21	10	194	5.09	3	7	<2	2	378	<.2	2	<2	50	1.43	.126	13	30	1.11	256	.14	6	.73	.08	.49	4	285
196425	7	1981	3	28	<.3	27	11	166	3.51	2	<5	<2	4	1481	<.2	<2	<2	81	1.48	.103	11	60	1.31	407	.20	7	.96	.07	.71	3	107
196426	18	2324	4	29	.3	29	12	176	3.58	16	<5	<2	2	1816	<.2	2	<2	77	1.84	.111	16	62	1.32	296	.17	6	.89	.07	.63	2	230
196427	148	6280	9	35	.9	23	11	246	4.00	45	<5	<2	2	111	<.2	2	<2	52	2.24	.104	19	42	1.00	164	.08	6	.63	.06	.28	4	560
196428	5	2816	<3	43	.6	27	12	238	5.36	<2	<5	<2	3	90	<.2	<2	<2	67	1.41	.137	12	44	1.12	229	.14	6	.71	.07	.47	3	254
196429	4	3874	6	54	.9	27	13	245	5.15	<2	<5	<2	2	58	<.2	<2	<2	62	1.00	.128	12	52	1.37	282	.20	4	.97	.07	.73	3	221
196430	3	1985	4	51	<.3	26	13	225	4.17	<2	<5	<2	3	576	<.2	<2	<2	70	1.02	.129	11	51	1.30	295	.20	4	.86	.07	.73	3	91
196431	33	3588	6	35	.6	27	11	183	3.75	8	<5	<2	3	631	<.2	<2	<2	76	1.23	.104	11	57	1.40	248	.27	4	1.00	.09	.83	3	507
196432	12	6286	4	39	1.7	26	10	184	3.96	3	<5	<2	3	475	<.2	2	2	71	1.45	.089	11	55	1.25	215	.18	7	.82	.06	.69	4	456
196433	4	2038	3	36	.4	28	12	160	4.43	<2	<5	<2	4	249	<.2	<2	<2	83	.97	.097	10	59	1.39	277	.28	6	.94	.07	.84	3	154
STANDARD C3/AU-R	24	65	36	151	5.5	35	13	764	3.39	52	22	2	17	29	22.0	17	16	81	.61	.092	17	172	.66	138	.11	22	1.89	.04	.16	14	490

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-112

Data A FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2417 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166032	20	2165	<3	53	.4	13	11	232	4.95	4	<5	<2	4	1218	.3	<2	<2	38	1.02	.142	14	20	1.15	169	.18	6	.80	.12	.67	2	80
166033	21	2404	9	63	.7	18	13	278	5.37	3	<5	<2	4	1458	.2	<2	<2	49	1.16	.150	15	27	1.25	205	.19	4	.83	.11	.72	2	122
166034	3	2148	20	87	.6	7	11	325	4.74	2	<5	<2	2	876	.5	<2	<2	21	1.52	.161	13	6	1.13	409	.11	4	.59	.08	.45	2	92
166035	4	2429	4	79	.6	4	12	439	6.27	50	7	<2	3	239	.5	<2	10	22	1.38	.189	16	6	1.14	365	.14	3	.77	.09	.53	2	92
166036	9	2329	4	60	.5	6	11	270	6.48	4	<5	<2	3	964	<.2	<2	7	22	.87	.176	15	12	1.16	151	.21	<3	.87	.15	.78	4	94
166037	8	2187	4	62	.6	9	12	267	6.80	6	<5	<2	3	521	.3	<2	2	28	.88	.176	15	11	1.27	149	.21	<3	.91	.15	.81	3	78
166038	1	1985	4	65	.7	41	20	267	6.79	10	<5	<2	3	114	.3	<2	<2	161	1.30	.097	13	130	2.87	460	.31	<3	1.91	.13	1.81	3	104
166039	11	480	775	3617	2.1	49	15	2462	4.40	25	<5	<2	3	833	23.3	5	<2	83	2.42	.134	18	88	1.92	314	.20	9	1.24	.08	1.04	2	45
166040	31	4772	5	72	.8	44	15	332	3.98	22	<5	<2	4	4128	.5	<2	2	84	2.44	.130	20	91	1.72	272	.18	3	.90	.12	.66	<2	53
166041	2	498	4	69	.3	55	16	461	3.84	7	8	<2	3	198	<.2	2	5	99	1.86	.143	16	105	1.73	268	.22	5	1.21	.17	.84	2	23
166042	3	517	3	58	.4	54	15	618	4.13	<2	5	<2	3	195	.6	<2	<2	98	1.79	.147	17	110	1.72	215	.22	<3	1.22	.16	.83	3	29
166043	9	440	<3	63	<.3	48	15	292	3.98	<2	7	<2	4	134	<.2	<2	<2	103	1.22	.141	17	119	1.64	251	.26	<3	1.24	.18	.90	<2	14
166044	2	712	<3	66	.4	40	15	361	4.61	<2	<5	<2	3	719	<.2	<2	6	76	1.73	.152	16	80	1.53	198	.21	6	1.03	.13	.78	2	78
166045	14	1441	25	182	1.0	19	16	3853	6.79	32	<5	<2	2	854	.6	2	<2	38	2.07	.150	14	29	1.38	319	.13	6	.82	.11	.55	3	47
166046	2	2209	23	75	1.0	18	13	504	6.05	133	<5	<2	2	105	.3	3	<2	31	1.90	.157	14	15	1.14	110	.05	<3	.71	.06	.24	2	82
166047	4	2530	6	59	.7	25	12	334	6.09	3	<5	<2	3	194	<.2	<2	3	45	2.21	.147	18	58	1.70	233	.12	<3	.96	.10	.62	3	192
166048	8	2626	8	88	1.4	13	10	1273	5.48	9	<5	<2	2	1007	<.2	8	<2	27	2.55	.150	23	15	1.36	195	.07	3	.60	.10	.34	4	296
166049	2	3411	501	8109	3.7	10	10	5662	6.91	65	<5	<2	2	1322	44.4	28	6	25	2.75	.135	23	14	1.43	95	.05	5	.65	.09	.31	<2	211
166050	3	1602	1545	6204	5.7	25	10	12433	8.79	217	<5	<2	2	257	38.7	87	<2	44	6.57	.071	10	30	2.89	75	<.01	5	.66	.04	.22	<2	57
RE 166050	2	1585	1550	6170	5.7	23	10	12370	8.69	213	<5	<2	3	257	38.5	86	<2	43	6.54	.069	10	27	2.87	76	<.01	9	.65	.03	.21	<2	44
166051	1	1759	14	112	.7	19	12	1530	7.03	31	<5	<2	4	815	.4	2	8	60	2.41	.155	15	43	1.81	313	.14	<3	1.00	.10	.72	<2	60
166052	2	1243	16	103	.7	46	14	464	4.72	<2	<5	<2	4	1707	.2	<2	3	93	1.73	.148	19	93	1.69	246	.23	<3	1.09	.15	.85	3	57
166053	3	840	3	78	.5	42	14	584	4.64	9	<5	<2	4	3356	.3	<2	<2	88	1.85	.144	16	85	1.62	255	.21	<3	1.06	.13	.82	2	45
166054	3	1645	4	66	.6	18	14	267	6.61	<2	<5	<2	3	1385	<.2	<2	7	77	1.09	.143	14	48	1.57	217	.20	<3	1.09	.12	.90	2	64
166055	2	1300	7	63	.5	15	26	328	7.23	<2	<5	<2	3	1238	<.2	<2	7	47	1.32	.170	15	27	1.34	194	.18	<3	1.02	.14	.74	3	54
166056	2	359	5	46	.4	32	11	297	3.47	11	11	<2	5	456	<.2	<2	<2	84	2.28	.120	15	58	1.22	704	.09	3	.99	.07	.40	2	20
166062	7	477	5	50	<.3	29	11	402	3.08	7	<5	<2	4	1983	<.2	<2	<2	78	1.73	.106	15	52	1.19	364	.14	6	.83	.11	.54	3	11
166063	2	216	8	41	.5	28	11	221	3.03	<2	<5	<2	5	584	.3	<2	2	81	1.29	.107	14	54	1.29	333	.18	<3	.84	.10	.63	2	10
166064	12	483	<3	42	<.3	28	10	221	3.14	<2	6	<2	5	1438	<.2	<2	<2	81	1.61	.104	14	52	1.35	359	.17	<3	.93	.11	.65	3	16
166065	15	652	5	42	<.3	28	11	178	3.22	<2	<5	<2	3	991	<.2	<2	<2	79	1.73	.098	15	52	1.48	356	.18	<3	.95	.09	.73	3	18
166066	7	766	5	39	.3	28	11	178	3.61	<2	8	<2	5	883	<.2	2	<2	88	1.24	.113	15	55	1.43	360	.21	<3	1.04	.12	.82	4	62
166067	4	561	4	28	.3	30	10	128	3.26	<2	<5	<2	4	95	.2	<2	<2	81	1.22	.113	14	55	1.36	311	.20	<3	.94	.07	.79	3	16
166068	23	1251	7	52	.5	24	12	225	3.28	2	<5	<2	4	863	<.2	<2	<2	70	1.52	.101	13	48	1.23	316	.15	<3	.86	.08	.64	2	54
166069	5	783	5	29	.3	29	11	139	3.40	2	<5	<2	4	876	.3	<2	4	82	1.21	.107	15	58	1.25	334	.18	<3	.99	.10	.75	3	36
166070	6	544	<3	29	.3	26	11	148	3.35	<2	<5	<2	5	1811	.2	<2	8	83	1.27	.114	16	56	1.21	351	.18	<3	.95	.09	.72	3	10
STANDARD C3/AU-R	25	66	33	163	5.6	33	11	714	3.36	52	25	<2	18	31	22.9	19	18	82	.63	.092	19	169	.62	150	.11	21	1.97	.06	.19	16	463

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
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DDH 97-113

DATE RECEIVED: MAY 27 1997 DATE REPORT MAILED: May 30/97 SIGNED BY. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Date FA

ACME ANALYTICAL

Booker Gold Explorations Limited PROJECT HEARNE HILL FILE # 97-2417

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166071	3	449	3	30	.3	33	11	138	3.76	<2	<5	<2	6	678	<.2	<2	6	91	1.31	.113	16	61	1.59	350	.23	3	1.10	.11	.88	3	13
166072	4	1029	<3	45	.5	7	10	300	5.60	<2	<5	<2	4	78	.3	<2	6	36	1.01	.161	15	24	1.17	182	.20	<3	.95	.14	.75	3	37
166073	8	1449	<3	46	.5	5	11	310	6.67	<2	<5	<2	3	52	.2	<2	12	21	.82	.186	15	13	1.20	156	.24	<3	.95	.14	.83	3	34
166074	16	1670	<3	54	.6	19	23	251	5.77	<2	<5	<2	3	352	.2	<2	6	38	1.16	.143	15	27	1.29	196	.20	5	1.02	.14	.79	4	52
166075	14	1590	<3	50	.8	14	12	269	5.87	3	<5	<2	4	671	<.2	<2	8	43	1.10	.158	15	28	1.36	232	.21	<3	.93	.12	.82	3	82
166076	143	2682	4	50	1.1	6	11	269	6.24	11	<5	<2	3	629	.5	<2	2	21	1.41	.175	15	8	1.13	196	.13	<3	.76	.13	.56	3	58
166077	5	1758	<3	46	.6	11	11	204	5.73	<2	<5	<2	2	853	<.2	<2	<2	32	.96	.153	13	16	1.33	212	.21	<3	.83	.09	.84	2	51
166078	6	846	4	34	.4	26	9	150	3.19	<2	<5	<2	5	1975	<.2	<2	5	82	1.40	.101	16	54	1.79	416	.25	<3	1.12	.10	.95	2	19
166079	6	1702	<3	59	.4	47	14	599	6.78	<2	<5	<2	3	769	.5	<2	3	78	1.09	.140	13	132	2.31	338	.26	7	1.40	.14	1.37	2	36
166080	3	1718	4	63	1.0	1	10	790	6.45	24	<5	<2	2	312	.5	9	3	18	1.44	.174	14	8	1.12	365	.16	5	.95	.11	.61	3	39
166081	4	1713	3	57	.8	3	11	1158	6.99	7	<5	<2	2	377	.4	<2	6	20	1.06	.170	14	11	1.15	232	.19	<3	.94	.11	.73	4	54
166082	11	1840	<3	46	.5	6	9	343	6.13	<2	<5	<2	2	592	<.2	<2	7	18	1.08	.167	14	9	1.10	241	.18	<3	.82	.14	.67	3	86
166083	75	1963	8	48	.7	6	13	330	6.30	2	<5	<2	2	426	.4	<2	7	21	1.31	.166	14	11	1.19	198	.17	<3	.80	.13	.67	3	47
166084	5	1629	<3	48	.3	3	11	282	6.33	2	<5	<2	2	838	.5	<2	<2	18	.91	.177	15	9	1.13	269	.20	<3	.92	.13	.77	3	38
166085	11	1792	<3	44	.5	3	9	291	5.90	<2	<5	<2	3	534	<.2	<2	<2	18	.78	.172	15	10	1.18	221	.22	<3	.89	.15	.82	4	52
166086	7	1295	3	52	.5	10	16	459	6.39	10	<5	<2	2	2239	<.2	<2	3	19	1.33	.168	14	10	1.25	252	.17	3	.86	.14	.72	3	38
RE 166086	7	1328	3	53	.5	6	14	468	6.52	10	<5	<2	2	2297	.2	<2	<2	20	1.36	.172	14	10	1.28	208	.18	<3	.89	.15	.73	3	30
166087	4	1894	<3	49	.6	2	10	429	6.09	2	<5	<2	2	1595	.2	<2	9	18	1.25	.172	14	8	1.29	255	.17	<3	.83	.11	.70	2	41
166088	10	2436	5	53	.7	4	12	1486	6.46	5	<5	<2	2	189	.4	<2	<2	19	1.72	.171	14	7	1.31	265	.13	<3	.77	.13	.61	3	131
166089	12	1458	4	52	.4	3	11	317	6.19	<2	5	<2	4	461	.2	<2	5	18	1.02	.172	14	10	1.04	271	.15	<3	.77	.12	.60	4	34
166090	8	1115	7	41	.4	13	11	285	4.64	<2	5	<2	2	539	.3	<2	3	40	1.93	.147	14	22	1.11	323	.10	<3	.90	.11	.44	2	39
166091	4	157	6	35	<.3	25	12	318	3.01	<2	<5	<2	2	871	<.2	2	8	88	2.43	.110	16	51	1.29	312	.12	<3	.90	.06	.51	2	2
166092	15	259	6	36	.4	33	16	765	3.72	3	<5	<2	2	2303	<.2	<2	5	92	2.40	.098	14	65	1.53	393	.15	4	1.14	.10	.68	2	16
166093	7	202	6	31	.3	38	14	213	3.39	<2	<5	<2	2	2059	<.2	<2	4	96	1.88	.101	15	70	1.60	404	.20	<3	1.14	.12	.84	2	4
166094	9	333	9	76	.4	26	9	894	3.30	64	7	<2	2	140	.2	9	<2	61	2.24	.097	12	30	.93	330	.02	6	.83	.03	.22	<2	7
166095	10	373	13	56	<.3	24	7	437	3.72	44	10	<2	2	127	.4	6	3	73	2.65	.104	12	40	1.20	339	.02	<3	.90	.02	.19	2	12
166096	40	1783	25	103	.6	14	7	273	3.55	128	5	<2	<2	80	.9	10	<2	51	2.23	.063	10	21	.82	75	<.01	<3	1.22	.02	.11	<2	52
STANDARD C3/AU-R	25	64	37	160	6.1	35	11	712	3.33	55	22	<2	20	30	23.7	19	28	81	.62	.090	19	167	.64	150	.10	21	1.92	.05	.18	16	469

DDH 97-113

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-11A

Data ___ FA ___

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AC #'s: 97-2417 97-2705
97-2474
97-2600

BOOKER GOLD EXPLORATIONS LTD.

Location: 10 350 W 10 020 S	Dips - collar -70°	Contractor: J.T.T.	Hole No: 97-114
Azimuth: 135° (SE)	-262(ft) m -69°	Logged by: D.N./G.W.	Property: Hearne Hill
Elevation:	-264.3 m -69°	Date: May 24/97	Claim No. Hearne 1
Length: 275.0 m	m		Section No.
Core size: NQ	m		Started: May 22/97
Purpose: to cross-cut geochem + IP anomaly to creek.			Completed: May 31/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
0	3.0	casing, no core.						
3.0	9.1	Biot. to Feldspar Porphyry crowded + biot. basic light grey colour -few fractures parallel to C.A. -anhedral → anhedral fspars < .5 cm.	3.0		Weak Argillic -strong FeOx on fracture. -strong → weak seric ± epid. -py abundant on fractures + veinlets.	1-3	30°	carb - py ± cp (chem). FeOx
9.1	376	Alt'd Qtz. Diorite -soft, w few distinct xtals of relicts anhedral qtz eyes. -minor qtz veins in cores, sm's associated w more qtz, less alt'd -FeOx down to 18.7m on fractures and throughout -fractures 30-45° to C.A.	9.1		Phyllic alt'd material FeOx strong to 18.7m. weaker and only wisps amounts. -strong seric of core. almost entire destruction of primary texture. -thick seins of py ± carb. -ep < 0.5%	1-10	various	carb ± qtz ± py ± cp

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
166094	3.0	5.1	333	7	.4	9
095	5.1	8.2	373	12	<.3	10
096	8.2	11.2	1783	52	.6	40
097	11.2	14.3	1553	25	.5	69
098	14.3	17.3	1030	33	.4	33
099	17.3	20.4	3012	37	1.1	47
100	20.4	23.4	1677	99	.3	17
101	23.4	26.5	1981	103	.8	20
102	26.5	29.5	2144	96	1.1	28
103	29.5	32.5	1543	77	3.0	17
104	32.5	35.6	1299	38	.5	10
105	35.6	38.7	1449	54	1.1	11

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Section from m	Section to m	ROCK DESCRIPTION cont'd	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		abundant veinlets give			29.2-29.4m										
		amorbled textures.			massive Py globules				196106	38.7	41.7	1502	114	.8	28
		-some inclusions of			<10 cm. dia. surr. by				107	41.7	44.8	1673	59	.8	51
		BFP			carb. in a vein 30° to				108	44.8	47.8	1464	59	1.1	18
		-lower contact w other			C.A., gtz to a minor				109	47.8	50.9	3264	138	1.5	25
		unit indistinct.			amount in carb.				110	50.9	53.9	3723	287	1.2	6
		-prominent lineation													
		30° to C.A.													
37.6	62.2	Rhyodacite/Andesite	37.6		Phyllic/weak Potassic	1-10+	various	carb-mag(bow)							
		Alt'd material			-almost completely alt'd		interlocking	-py ±cp							
		-bleached to light grey			to serisit carb.										
		material			-large blobs of mag.										
		-x-cut by several			in darker areas where										
		phases of veinlets,			veinlets interlock.										
		stck wk appearance			-py > cp										
		-Fractures usually			-py as thick veins										
		30° to C.A., few			±cp.										
		fairly competent 30cm			-cp < .5%, some										
		apart			areas richer.										
		-some darker hornfelsing			-py as small cubes +										
		in areas of Andesitic brk			veinlets on fractures										
		-lower contact @ 50°													
		to C.A. w BFP.													
		-few small open vugs													
		cemented by carb.+py													

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance
		-darker areas typically display more as a potassic alt'd rock						
			at	559	large fracture 40cm long cp-Py as blebs on sfc. -Mo as tiny grains within vein			
622	744	BFP, dike -x-cut c.A. (contact 50° to c.A.) -one phase ~60% fspars light grey colour. -few veinlets of carb-py -fairly competent, hardness ~5. -fractures 5cm > 40cm apart @ 45° to c.A. continuous cp veinlets	622	744	Int. Argillic Alt'n. Sericite+epid. -no mag. or hem. -minor biot. alt'd to pale brown material -minor blebs of py replacing biot. -found throughout core. -trace cp blebs in veinlets -less Mo in veinlets w carb. -cp<<1%	1-10+	45°	carb>>py *cp

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
166111	53.9	56.9	2626	124	1.0	24
112	56.9	60.0	2615	220	1.1	14
113	60.0	63.0	1002	37	.7	40
114	63.0	66.1	583	53	<.3	9
115	66.1	69.1	404	18	<.3	9
116	69.1	72.2	2168	103	7.2	111
117	72.2	75.2	1330	108	.3	16

Hole No. 97-114
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION cet.	VEINLETS Thick mm	VEINLETS Angle to core	VEINLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
74.4	135.3	Rhyodacite/Andesitic	74.4		Phyllic/Potassic	1 %+	30	carb. mag(hem)							
		Hornfels - felt'd			- seric., tcarb. of		mainly	±py ± cp.	166118	75.2	78.3	2193	81	.7	8
		- mainly f.g. bleached			almost entire core		several		119	78.3	81.3	2811	78	.7	8
		w a marbole texture			- rockflour evident		others		120	81.3	84.4	1258	44	.7	7
		- upper contact approx			in bleached area veinlets				121	84.4	87.4	1297	40	.7	3
		40-50° to C.A.			as the latest stage.				122	87.4	90.5	1488	49	.9	6
		- fairly competent			- mag. ± hem staining				123	90.5	93.5	1779	43	.6	5
		rock, sul's associated			more prominent in				124	93.5	96.6	2609	106	.7	20
		w more competent			bleach areas				125	96.6	99.6	2070	67	.8	4
		darker siliceous areas			- diss. cp. & veinlets				126	99.6	102.7	1613	56	.7	2
		- mag. in darker			w inclusions of cp.				127	102.7	105.7	1743	94	.6	8
		areas as blebs and/or			- cp < 0.5%				128	105.7	108.8	2277	73	.8	3
		main constituent of			- py > cp as thick				129	108.8	111.8	4618	147	6.5	6
		veinlets.			veinlets and blebs.				130	111.8	114.9	2936	185	1.0	14
		- cut by BFP dikes							131	114.9	117.9	1817	148	.6	6
		v. small.							132	117.9	121.0	3133	104	9.8	174
		- few fractures associated			91.1-91.4 m.										
		w veinlets.			massive py, cut / or										
		- hornfelsing v. slight			cemented by carb +										
		in darker areas.			rockflour, no cp.										
		- fractures 30-45° to													
		C.A.		at	119.2 m										
					Cp blebs cemented										
					by py + carb later.										
					= rockflour										
					(weak fiag or breccia appearance)										

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
	at	124.5 m.						
		-cavity 1cm wide						
		along fracture @ 30° to						
		C.A., cemented by						
		2 phases of carb.,						
		① massive carb						
		② sparry calcite along fracture						
		sfc.						
		125.8 - 126.7 m						
		B.F.P. dike, cuts						
		C.A. @ 30°						
		- pale grey colour,						
		crowded texture						
135.3	147.1	Fragmental B.F.P.	135.3	147.1	Argillic alt'n	1-3	20°	carb-mag(bow)
		other areas of f.g.			-sericite pid			py ± cp
		rhyodacite fragmental B.F.P.			-thick globules of			
					mag in frag. areas			
		- med. grey to light grey.			-alt'd or bleached areas			
		- inclusions of mafic			Softer & appears chloritic			
		volcanics, angular			-strong hem staining of			
		- frag. support			veinlets			
		frags from .5 cm to			-diss. py-cp on fracture			
	cont'd	> 30 cm dia.			sfc., py as smears in veinlet			

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
166133	121.0	124.0	1717	60	4.3	11
134	124.0	127.1	2368	193	3.3	12
241	127.1	130.2	2535	121	.7	20
135	130.2	133.2	1527	96	1.5	3
242	133.2	136.2	1810	109	1.4	3
136	136.2	139.2	2274	227	.6	3
243	139.2	142.3	1696	86	.9	10
137	142.3	145.3	1816	115	1.3	12
244	145.3	148.3	1559	82	.7	23

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
	cont'd	augens of qtz. ketchers frags			cpx < 1%			
147.1	203.3	Biotite Feldspar Porphyry						
		-e.g., basically						
		1 phase of alteration)	147.1		Argillic (weak).	1-10	40°	carb.-py+cp
		-anhedral Fspars			-serie + very strong			
		<60% of total			prominent rapid alt'n			
		-minor f.g. blk'd.			(green) of Fspars			
		+few veinlets +			surr. veinlets.			
		few fractures, usually			-carb. in veinlets mainly			
		@ 45° to C.A.			w coatings on fractures			
		-siliceous, hard:						
		-165.4 - 170.0 m.						
		-more fractured & rubbly						
		RFP, angular pieces						
		-modff. in alt'n						
		170.0 - 174.0						
		-few cavities filled						
		w carb.-py						
		-well-defined						
		-BFP, med.-dk. gray			~ 10% of bio's altd	8	20°	Carb. (Si, Mn, Ca, Co), Py, Cp
		0/-50-60% .3-.5cm Fspar,			to a tan brown.			
		~20% Lithic.						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
146138	148.3	151.4	559	23	<.3	9
245	151.4	154.5	1672	61	.5	16
139	154.5	157.5	995	40	.3	4
246	157.5	160.6	1618	92	.4	7
140	160.6	163.6	1682	120	.4	6
247	163.6	166.7	1191	82	<.3	6
141	166.7	169.7	725	54	<.3	5

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		(BEP cont.) (174m)													
		-Occ. f.g. mafic-chl.	190	200	-Occ. vein w/ tk. Cpy,	4	50	Cpy, Carb, Qz	166248	169.7	172.9	572	41	<.3	9
		xenolith 2-5cm.			ass. w/ Carb. - Qz	(at	191.5m)		142	172.8	175.8	725	27	<.3	6
									249	175.8	178.9	392	22	<.3	4
					-Secn's w/ inc. brown bio.,				143	178.9	181.9	395	26	<.3	3
					weak Phyllic.				250	181.9	185.0	600	21	.3	3
									251	185.0	188.0	336	18	<.3	2
			202.3	204	- Inc. Cpy along fract'				144	188.0	191.1	255	29	<.3	2
					surfaces.				252	191.1	194.1	575	29	.3	2
									145	194.1	197.2	605	13	<.3	2
			212.8	213.6	- Secn's w/ coarsely diss.				253	197.2	200.2	911	88	<.3	2
					Cpy.				146	200.2	203.3	1652	67	.3	9
									254	203.3	206.6	514	218	<.3	5
	217.1 218.5	- grades to a lt. grey	217.1	218.5	- Strong phyllic alt'n,				147	206.6	209.3	1242	43	<.3	5
		brown w/ white F'spar			clay-ssic. of F'spar,				255	209.3	212.4	663	74	.3	4
					tan bio's.				148	212.4	215.4	589	29	<.3	2
	218.5 219.3	- mushy clay-chl. alt'd							256	215.4	218.5	416	24	.3	2
		sec'n.							149	218.5	221.5	1276	135	<.3	3
									257	221.5	224.6	659	62	<.3	6
	219.3 227.6	- return to dk.-red.	219.3	227.6	- Weak propylitic	10	45°	Carb, Qz, Cpy	150	224.6	227.6	370	24	<.3	2
		grey w/ ~15% black bio.			- Occ. Cpy along fract's.	(at 221.9)			258	227.6	230.7	583	44	.7	2
		± ~3% chl.			- Secn's w/ diss Cpy <<.5%				151	230.7	233.7	735	25	<.3	4
	227.6 230	- clay-chl alt'd	227.6		- Strong phyllic	3-30	30°	Py, Carb.							
		sec'n w/ rock remnant	229.2	229.7	- 5cm th. massive Py vein	(229.2-	229.7)								
	230	- Core grades to a lt. grey-green brown	230.8	231.0	ass. w/ carb.										

Hole No. 97-114
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance
		(B.F.P. cont.) 231m						
		- lt. grey w/ bleached white f'spar, tan bio'o.	2335	2336	- 1cm th. blk. ∅ cp ore w/ Calc. vein			
						15	05°	Calc., Py, Cp
	2350	20° clay contact w/ bleached						
	2359	occ'n of similar BFP.				30	20°	Py, Calc.
						(239.0m)		
	2468.7	- Dk. grey occ'n w/ ~ 50%	2487	2497	- Weak potassic alt'n,			
	2497	∅ bio'o f'spar & 50% blk	2591	2576	w/ common cpy, << 1.0%			
	2576							
*	2585	- Brecciated Py-Calc.,	2635	2666	- Tr. massive Py to 50%			
	2626	occ'n. w/ th. Py cementing			∅ core, occ. w/ Calc.,			
		frag's of BFP and calc			silicite and biotite hem.			
		-						
	2676	- Grades to a dk. grey-	2676	2738	- Potassic alt'd occ'n			
	2738	BFP.			w/ diss. Cp << 1.5%, and			
					Cp + Py fracture along fract's.			
						2-15	10-30°	Calc., Py
	270.8	- lt. grey - brown - green,	2703		- Phyllic alt'n w/			
		w/ bleached white fg.			rare Py,			
		F'spar.			- Clay - sericite alt'n of			
					F'spar & bio.			
		E.O.H.						
		2750m						

Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
166259	233.7	236.8	567	31	.4	3
152	236.8	239.8	581	33	<.3	7
260	239.8	242.9	438	27	<.3	2
153	242.9	245.9	570	21	<.3	2
261	245.9	249.0	269	17	<.3	2
154	249.0	252.0	513	35	<.3	6
262	252.0	255.1	553	25	.5	3
155	255.1	258.1	768	28	<.3	3
263	258.1	261.2	1412	61	5.8	13
156	261.2	264.2	917	25	4.9	17
264	264.2	267.0	226	50	<.3	3
157	267.0	270.0	1069	49	.5	4
158	270.0	273.0	1115	38	.7	5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166071	3	449	3	30	.3	33	11	138	3.76	<2	<5	<2	6	678	<.2	<2	6	91	1.31	.113	16	61	1.59	350	.23	3	1.10	.11	.88	3	13
166072	4	1029	<3	45	.5	7	10	300	5.60	<2	<5	<2	4	78	.3	<2	6	36	1.01	.161	15	24	1.17	182	.20	<3	.95	.14	.75	3	37
166073	8	1449	<3	46	.5	5	11	310	6.67	<2	<5	<2	3	52	.2	<2	12	21	.82	.186	15	13	1.20	156	.24	<3	.95	.14	.83	3	34
166074	16	1670	<3	54	.6	19	23	251	5.77	<2	<5	<2	3	352	.2	<2	6	38	1.16	.143	15	27	1.29	196	.20	5	1.02	.14	.79	4	52
166075	14	1590	<3	50	.8	14	12	269	5.87	3	<5	<2	4	671	<.2	<2	8	43	1.10	.158	15	28	1.36	232	.21	<3	.93	.12	.82	3	82
166076	143	2682	4	50	1.1	6	11	269	6.24	11	<5	<2	3	629	.5	<2	2	21	1.41	.175	15	8	1.13	196	.13	<3	.76	.13	.56	3	58
166077	5	1758	<3	46	.6	11	11	204	5.73	<2	<5	<2	2	853	<.2	<2	<2	32	.96	.153	13	16	1.33	212	.21	<3	.83	.09	.84	2	51
166078	6	846	4	34	.4	26	9	150	3.19	<2	<5	<2	5	1975	<.2	<2	5	82	1.40	.101	16	54	1.79	416	.25	<3	1.12	.10	.95	2	19
166079	6	1702	<3	59	.4	47	14	599	6.78	<2	<5	<2	3	769	.5	<2	3	78	1.09	.140	13	132	2.31	338	.26	7	1.40	.14	1.37	2	36
166080	3	1718	4	63	1.0	1	10	790	6.45	24	<5	<2	2	312	.5	9	3	18	1.44	.174	14	8	1.12	365	.16	5	.95	.11	.61	3	39
166081	4	1713	3	57	.8	3	11	1158	6.99	7	<5	<2	2	377	.4	<2	6	20	1.06	.170	14	11	1.15	232	.19	<3	.94	.11	.73	4	54
166082	11	1840	<3	46	.5	6	9	343	6.13	<2	<5	<2	2	592	<.2	<2	7	18	1.08	.167	14	9	1.10	241	.18	<3	.82	.14	.67	3	86
166083	75	1963	8	48	.7	6	13	330	6.30	2	<5	<2	2	426	.4	<2	7	21	1.31	.166	14	11	1.19	198	.17	<3	.80	.13	.67	3	47
166084	5	1629	<3	48	.3	3	11	282	6.33	2	<5	<2	2	838	.5	<2	<2	18	.91	.177	15	9	1.13	269	.20	<3	.92	.13	.77	3	38
166085	11	1792	<3	44	.5	3	9	291	5.90	<2	<5	<2	3	534	<.2	<2	<2	18	.78	.172	15	10	1.18	221	.22	<3	.89	.15	.82	4	52
166086	7	1295	3	52	.5	10	16	459	6.39	10	<5	<2	2	2239	<.2	<2	3	19	1.33	.168	14	10	1.25	252	.17	3	.86	.14	.72	3	38
RE 166086	7	1328	3	53	.5	6	14	468	6.52	10	<5	<2	2	2297	.2	<2	<2	20	1.36	.172	14	10	1.28	208	.18	<3	.89	.15	.73	3	30
166087	4	1894	<3	49	.6	2	10	429	6.09	2	<5	<2	2	1595	.2	<2	9	18	1.25	.172	14	8	1.29	255	.17	<3	.83	.11	.70	2	41
166088	10	2436	5	53	.7	4	12	1486	6.46	5	<5	<2	2	189	.4	<2	<2	19	1.72	.171	14	7	1.31	265	.13	<3	.77	.13	.61	3	131
166089	12	1458	4	52	.4	3	11	317	6.19	<2	5	<2	4	461	.2	<2	5	18	1.02	.172	14	10	1.04	271	.15	<3	.77	.12	.60	4	34
166090	8	1115	7	41	.4	13	11	285	4.64	<2	5	<2	2	539	.3	<2	3	40	1.93	.147	14	22	1.11	323	.10	<3	.90	.11	.44	2	39
166091	4	157	6	35	<.3	25	12	318	3.01	<2	<5	<2	2	871	<.2	2	8	88	2.43	.110	16	51	1.29	312	.12	<3	.90	.06	.51	2	2
166092	15	259	6	36	.4	33	16	765	3.72	3	<5	<2	2	2303	<.2	<2	5	92	2.40	.098	14	65	1.53	393	.15	4	1.14	.10	.68	2	16
166093	7	202	6	31	.3	38	14	213	3.39	<2	<5	<2	2	2059	<.2	<2	4	96	1.88	.101	15	70	1.60	404	.20	<3	1.14	.12	.84	2	4
166094	9	333	9	76	.4	26	9	894	3.30	64	7	<2	2	140	.2	9	<2	61	2.24	.097	12	30	.93	330	.02	6	.83	.03	.22	<2	7
166095	10	373	13	56	<.3	24	7	437	3.72	44	10	<2	2	127	.4	6	3	73	2.65	.104	12	40	1.20	339	.02	<3	.90	.02	.19	2	12
166096	40	1783	25	103	.6	14	7	273	3.55	128	5	<2	<2	80	.9	10	<2	51	2.23	.063	10	21	.82	75	<.01	<3	1.22	.02	.11	<2	52
STANDARD C3/AU-R	25	64	37	160	6.1	35	11	712	3.33	55	22	<2	20	30	23.7	19	28	81	.62	.090	19	167	.64	150	.10	21	1.92	.05	.18	16	469

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-114

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) ...-...315 FAX (...) ...-253

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2474 Page 1

10th Floor - Princess But, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166097	69	1553	10	50	.5	14	42	487	4.01	130	<5	<2	4	74	.7	2	<2	39	2.90	.060	8	11	1.07	68	<.01	3	.98	.01	.10	<2	25
166098	33	1030	13	54	.4	10	7	453	3.12	97	<5	<2	3	86	.5	8	<2	45	4.45	.060	6	10	1.65	51	<.01	<3	.72	.02	.06	<2	33
166099	47	3012	10	53	1.1	10	8	416	2.97	119	<5	<2	3	66	.3	5	<2	38	3.31	.056	7	9	1.31	42	<.01	3	.71	.01	.08	<2	37
166100	17	1677	8	44	.3	10	6	252	2.89	58	<5	<2	4	59	.3	2	4	46	2.15	.071	10	11	.93	45	<.01	3	.56	.01	.08	<2	99
166101	20	1981	9	35	.8	13	7	272	3.33	26	<5	<2	5	78	.4	2	<2	49	1.12	.067	11	12	.60	59	<.01	3	.74	.02	.08	<2	103
166102	28	2144	37	100	1.1	16	7	1412	5.56	231	<5	<2	3	69	1.1	13	<2	35	2.36	.046	5	12	1.18	26	<.01	3	.51	.04	.11	2	96
166103	17	1543	349	1101	3.0	9	6	6992	4.54	119	<5	<2	3	63	5.9	22	<2	17	1.81	.037	5	10	.89	75	<.01	4	.52	.02	.16	<2	77
166104	10	1299	35	146	.5	13	24	1496	3.79	94	<5	<2	3	57	1.0	4	<2	37	2.48	.067	7	18	1.10	31	<.01	4	.72	.01	.11	<2	38
166105	11	1449	24	133	1.1	28	10	4625	6.36	346	<5	<2	2	84	1.2	10	2	25	3.02	.070	5	10	1.38	22	<.01	4	.70	.02	.12	<2	54
166106	28	1502	10	85	.8	13	9	2344	6.62	51	6	<2	2	89	.9	2	<2	23	2.59	.173	10	6	1.36	39	.02	4	.53	.04	.21	<2	114
166107	51	1673	8	55	.8	12	8	460	5.95	67	<5	<2	3	80	.8	<2	<2	22	2.19	.180	11	5	1.03	107	.01	4	.59	.03	.11	<2	59
166108	18	1464	23	78	1.1	16	12	1414	6.99	191	6	<2	2	78	1.0	5	2	32	2.49	.124	7	15	1.30	63	.01	4	.77	.02	.13	<2	59
166109	25	3264	12	71	1.5	21	12	1640	8.68	229	5	<2	3	70	.8	8	2	45	2.39	.116	9	16	1.31	120	.01	4	.81	.01	.13	<2	138
166110	6	3723	8	89	1.2	18	11	499	8.71	262	<5	<2	2	70	.9	16	4	31	2.55	.148	10	11	1.35	69	<.01	4	.82	.01	.05	<2	287
166111	24	2626	10	48	1.0	13	10	229	7.68	27	<5	<2	3	82	.6	<2	<2	28	1.29	.142	9	8	.83	136	.03	3	.50	.06	.16	<2	124
166112	14	2588	9	49	.8	10	9	310	5.82	51	<5	<2	3	94	.6	<2	2	25	1.72	.137	12	10	.88	122	.01	4	.51	.06	.10	3	220
RE 166112	14	2615	8	50	1.1	11	9	319	6.06	52	<5	<2	3	95	.8	<2	<2	26	1.79	.142	13	10	.92	102	.01	4	.51	.06	.10	3	160
166113	40	1002	10	77	.7	17	21	552	5.64	39	<5	<2	3	91	.9	<2	2	34	2.13	.144	9	17	1.14	35	.02	4	.68	.04	.13	2	37
166114	9	583	7	38	<.3	22	9	246	3.57	58	<5	<2	4	95	.5	<2	<2	70	3.45	.110	10	37	1.31	68	<.01	3	.86	.01	.06	<2	53
166115	4	404	7	36	<.3	23	8	383	3.52	60	<5	<2	3	84	.6	<2	2	71	4.19	.099	8	34	1.54	44	<.01	<3	.70	.01	.04	<2	18
166116	111	2168	60	133	7.2	21	8	2603	3.93	61	<5	<2	4	95	1.3	84	2	63	3.28	.101	10	32	1.29	63	<.01	4	.76	.01	.10	<2	103
166117	16	1330	8	31	.3	20	9	260	4.68	66	<5	<2	2	84	.8	2	<2	59	2.57	.124	9	28	1.01	58	<.01	3	.91	.02	.04	<2	108
166118	8	2193	7	31	.7	10	10	212	6.23	70	<5	<2	3	60	.5	<2	3	23	1.54	.180	12	8	.83	67	.02	3	.75	.04	.08	<2	81
166119	8	2811	4	34	.7	9	11	286	6.24	144	<5	<2	3	62	.6	<2	<2	23	2.00	.186	12	5	.94	87	<.01	3	.89	.01	.05	<2	78
166120	7	1258	6	48	.7	6	9	341	5.69	59	<5	<2	3	78	.8	<2	3	16	1.93	.193	15	9	1.05	63	.03	4	.89	.03	.13	<2	44
166121	3	1297	10	66	.7	9	10	639	5.76	148	<5	<2	3	104	.7	<2	<2	18	2.21	.180	13	4	1.19	41	.01	3	.76	.01	.09	<2	40
166122	6	1488	11	87	.9	20	63	963	8.37	228	<5	<2	2	73	.8	10	3	20	3.70	.142	8	4	1.61	24	<.01	<3	.71	.01	.07	<2	49
166123	5	1779	12	62	.6	12	16	449	5.13	239	<5	<2	3	64	.8	4	<2	17	2.75	.167	12	6	1.19	50	<.01	3	.92	.01	.04	<2	43
166124	20	2609	11	63	.7	18	11	410	5.47	184	<5	<2	2	65	.8	2	2	22	2.69	.178	13	7	1.13	80	<.01	<3	.88	.01	.04	<2	106
166125	4	2070	7	59	.8	9	11	325	5.53	90	7	<2	3	62	.5	2	2	18	1.69	.185	15	7	.81	102	.01	3	.64	.05	.07	<2	67
166126	2	1613	10	55	.7	9	9	760	5.60	43	9	<2	2	66	.7	<2	4	21	1.70	.161	16	9	1.01	221	.05	3	.73	.04	.23	2	56
166127	8	1743	5	43	.6	16	10	284	5.48	16	<5	<2	3	84	.6	<2	2	38	1.39	.164	13	37	1.12	196	.10	3	.85	.06	.43	<2	94
166128	3	2277	4	47	.8	22	13	244	7.17	6	<5	<2	3	82	.6	<2	<2	54	.95	.149	12	42	1.35	163	.12	3	.97	.06	.65	<2	73
166129	6	4618	15	99	6.5	20	30	964	7.04	178	<5	<2	3	64	.9	41	5	24	2.05	.133	11	9	.97	72	.01	3	.84	.02	.10	<2	147
166130	14	2936	6	41	1.0	10	14	271	6.28	62	<5	<2	3	73	.6	<2	4	20	1.77	.186	17	10	.79	128	.01	4	.70	.05	.10	<2	185
STANDARD C3/AU-R	25	63	32	151	5.5	34	11	704	3.28	51	18	2	17	28	20.3	13	22	78	.59	.091	17	157	.64	145	.10	20	1.77	.04	.15	14	440

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-114

DATE RECEIVED: MAY 29 1997 DATE REPORT MAILED: June 3/97 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166131	6	1817	9	67	.6	8	10	274	6.09	68	<5	<2	2	65	<.2	<2	2	18	1.37	.177	12	9	.80	82	.02	4	.80	.06	.13	<2	148
166132	174	3133	2932	302	9.8	13	12	7164	7.80	172	8	<2	2	73	1.2	97	<2	17	1.77	.169	12	10	.96	57	<.01	5	.75	.02	.14	<2	104
166133	11	1717	46	172	4.3	11	13	575	6.46	169	12	<2	3	81	.8	182	<2	18	2.00	.193	14	6	.97	87	.01	3	.87	.02	.09	<2	60
166134	12	2368	121	388	3.3	19	14	3221	6.07	348	9	<2	3	89	1.4	154	<2	31	2.95	.132	10	25	1.28	90	<.01	4	.79	.01	.10	<2	193
166135	3	1527	11	97	1.5	8	9	1191	6.16	183	<5	<2	3	80	.6	14	<2	17	3.09	.167	11	6	1.38	103	<.01	3	.99	.01	.08	<2	96
166136	3	2274	12	46	.6	25	12	282	5.42	121	<5	<2	4	96	.5	<2	<2	53	3.05	.112	9	37	1.31	36	.01	3	.83	.02	.07	<2	227
166137	12	1816	17	88	1.3	20	13	512	5.62	10	<5	<2	3	1091	.7	2	<2	53	1.70	.104	7	32	1.17	98	.06	3	.62	.05	.32	2	115
166138	9	559	3	38	<.3	26	11	158	3.73	<2	<5	<2	4	1029	.3	<2	2	71	1.54	.102	10	52	1.30	189	.15	<3	.90	.07	.59	2	23
166139	4	995	9	72	.3	35	12	2277	4.32	16	<5	<2	4	2366	.7	<2	<2	66	2.81	.100	9	45	1.51	116	.06	5	.74	.05	.35	2	40
166140	6	1682	5	47	.4	29	13	292	4.00	<2	<5	<2	4	287	.5	<2	4	73	1.49	.115	10	51	1.35	219	.15	3	.81	.06	.61	<2	120
166141	5	700	3	37	<.3	32	11	177	3.36	<2	<5	<2	5	136	.3	2	<2	83	.97	.108	11	57	1.50	296	.22	<3	.99	.09	.81	2	31
RE 166141	5	725	3	38	<.3	33	11	185	3.49	<2	<5	<2	4	142	.5	2	<2	86	1.00	.112	12	60	1.55	311	.23	<3	1.03	.09	.85	2	54
166142	6	725	7	41	<.3	27	10	174	3.34	<2	<5	<2	5	1697	.5	<2	<2	76	1.56	.108	11	51	1.36	327	.18	<3	.93	.06	.69	2	27
166143	3	395	4	38	<.3	30	13	177	3.15	<2	5	<2	5	995	.2	<2	<2	79	1.63	.104	11	54	1.31	314	.16	<3	.95	.06	.64	2	26
166144	2	255	4	37	<.3	30	11	204	3.16	<2	<5	<2	5	1218	.3	2	<2	82	1.27	.106	12	59	1.29	327	.18	<3	.86	.08	.66	2	29
166145	2	605	4	40	<.3	30	10	236	3.15	<2	<5	<2	5	508	.3	<2	<2	81	1.51	.108	14	55	1.19	297	.14	<3	.76	.08	.52	2	13
166146	9	1652	3	48	.3	29	10	1310	3.57	10	<5	<2	4	1008	.5	2	<2	69	2.02	.101	12	47	1.38	504	.13	3	.75	.05	.51	3	67
166147	5	1242	3	44	<.3	32	11	178	3.83	<2	<5	<2	5	1213	.5	<2	<2	93	1.28	.111	12	56	1.41	293	.20	3	.95	.07	.75	2	43
166148	2	589	4	41	<.3	32	11	199	3.24	2	<5	<2	5	450	.4	2	4	83	1.51	.110	13	56	1.36	292	.17	<3	.82	.07	.59	2	29
166149	3	1276	3	39	<.3	28	10	263	2.89	<2	5	<2	5	822	.3	<2	2	70	1.73	.108	13	50	1.11	551	.10	<3	.71	.06	.38	3	135
166150	2	370	<3	44	<.3	30	10	217	3.09	<2	<5	<2	5	2054	.3	<2	<2	80	1.47	.111	11	57	1.37	798	.16	<3	.79	.07	.57	2	24
166151	4	735	12	46	<.3	30	8	717	4.62	513	<5	<2	3	107	.7	9	<2	49	5.12	.081	7	35	1.94	22	<.01	4	.68	.01	.07	<2	25
166152	7	581	12	43	<.3	27	9	571	4.10	259	<5	<2	3	118	.6	7	<2	67	5.66	.081	6	41	2.16	47	.01	<3	.72	.02	.04	<2	33
166153	2	570	5	51	<.3	31	11	390	3.34	61	<5	<2	4	96	.5	4	<2	75	4.50	.102	9	47	1.66	130	<.01	<3	.88	.01	.02	<2	21
166154	6	513	8	46	<.3	30	10	439	3.47	46	<5	<2	4	282	.4	2	<2	67	4.30	.099	8	44	1.72	167	.02	3	.63	.02	.13	<2	35
166155	3	768	45	103	<.3	30	10	301	3.36	12	<5	<2	5	104	.8	<2	<2	78	2.49	.107	10	52	1.43	555	.08	3	.90	.04	.32	<2	28
166156	17	917	25	606	4.9	28	8	4932	6.05	443	7	<2	3	94	3.4	42	<2	57	5.03	.078	7	35	2.09	47	<.01	4	.71	.02	.10	<2	25
STANDARD C3/AU-R	26	67	37	161	5.7	34	12	742	3.53	52	26	3	19	29	20.9	15	22	81	.61	.095	17	165	.66	151	.09	20	1.88	.04	.15	14	450

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
• 97-114

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2600

10th Floor - Princess Bui, Vancouver BC V6B 4W4

97-114

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166157	4	1069	15	67	.5	28	12	1376	3.42	16	<5	<2	3	90	<.2	12	<2	72	1.93	.097	11	44	1.25	446	.09	<3	.92	.04	.40	2	49
166158	5	1115	22	110	.7	28	20	1790	3.82	248	<5	<2	4	79	.3	17	<2	58	5.03	.090	7	28	1.81	49	<.01	<3	.79	.01	.21	2	38
166159	11	504	7	44	.4	79	25	1009	5.63	6	<5	<2	<2	463	<.2	<2	<2	202	2.59	.052	2	199	2.36	68	.20	<3	2.65	.30	1.44	<2	12
166160	17	705	15	78	.7	98	52	1938	6.78	14	<5	<2	<2	364	<.2	<2	<2	195	2.92	.051	1	192	2.52	33	.11	<3	1.57	.11	.92	<2	51
166161	7	334	13	122	.6	135	45	12899	8.36	34	<5	<2	<2	188	<.2	<2	<2	169	4.69	.037	<1	151	2.29	36	<.01	<3	.67	.01	.30	<2	9
166162	16	834	9	69	.7	117	53	1691	7.53	13	<5	<2	<2	646	<.2	<2	<2	224	3.00	.040	<1	213	3.15	50	.18	<3	2.34	.23	1.37	<2	19
166163	17	335	11	70	.4	108	36	2108	7.18	<2	<5	<2	<2	1341	<.2	<2	2	219	2.16	.041	1	258	3.53	316	.22	<3	2.39	.20	1.92	<2	8
166164	61	874	14	59	.5	94	28	1069	6.15	2	<5	<2	3	1172	.2	2	<2	173	2.07	.059	4	216	2.89	141	.17	<3	1.72	.14	1.29	<2	45
166165	32	645	45	351	2.5	129	46	8257	8.28	121	<5	<2	<2	188	1.0	85	<2	99	5.06	.038	3	178	2.40	79	.01	<3	.83	.02	.23	2	13
166166	100	2486	121	589	2.9	96	34	9108	7.12	109	<5	<2	2	185	1.3	28	3	77	6.04	.041	4	101	2.59	51	<.01	4	.79	.02	.26	<2	38
166167	49	1708	14	82	1.1	56	22	3051	5.48	25	<5	<2	<2	1800	<.2	<2	<2	130	2.76	.063	4	118	2.46	90	.13	<3	1.34	.08	1.02	<2	52
166168	11	393	10	52	.3	103	28	1156	7.84	<2	<5	<2	<2	5114	<.2	5	<2	248	1.29	.037	<1	281	3.83	158	.28	<3	2.53	.17	2.46	<2	16
166169	13	1485	41	98	.8	84	42	1044	8.82	27	<5	<2	<2	256	<.2	3	<2	201	1.90	.026	1	171	3.08	34	.18	3	1.84	.07	1.85	<2	70
166170	18	1526	24	50	.7	80	51	314	7.52	51	<5	<2	<2	208	<.2	2	<2	175	1.68	.025	1	138	2.49	26	.13	<3	1.42	.06	1.24	<2	62
RE 166170	20	1619	32	53	.8	89	56	340	7.97	49	<5	<2	<2	222	<.2	2	<2	187	1.77	.026	1	146	2.66	28	.14	<3	1.50	.06	1.31	<2	60
166171	42	547	13	75	.5	110	38	1539	7.98	9	<5	<2	<2	3789	.3	<2	<2	217	1.55	.047	1	242	3.86	131	.20	<3	2.21	.13	2.09	<2	18
166172	21	497	23	174	.8	77	28	6460	6.74	22	<5	<2	<2	449	.5	14	<2	108	2.50	.050	3	105	2.44	117	.08	<3	.92	.05	.63	<2	22
166173	10	343	165	612	2.1	94	25	11685	9.62	46	<5	<2	<2	895	2.2	38	3	140	4.93	.025	1	149	3.39	65	.06	<3	.91	.04	.66	<2	16
166174	21	671	8	78	.4	176	38	1549	8.83	4	<5	<2	<2	3363	<.2	<2	<2	250	1.02	.036	<1	447	4.24	125	.22	<3	2.56	.13	2.20	<2	17
166175	9	562	7	71	.6	129	32	1341	7.75	<2	<5	<2	<2	138	<.2	<2	<2	253	.81	.036	<1	347	3.50	156	.20	<3	2.18	.13	1.73	<2	17
166176	25	633	9	64	.4	126	31	937	8.64	<2	<5	<2	<2	168	<.2	<2	<2	279	.61	.025	<1	330	4.37	251	.26	<3	2.83	.14	2.71	<2	19
166177	10	633	5	48	.4	93	20	1030	5.54	<2	<5	<2	4	881	<.2	2	<2	146	2.15	.068	5	191	2.45	245	.14	<3	1.31	.11	.91	<2	17
166178	26	926	8	73	.5	204	50	849	8.53	4	<5	<2	<2	119	<.2	2	<2	166	1.15	.029	2	405	3.38	114	.16	<3	2.31	.13	1.84	<2	25
166179	9	669	<3	170	.3	325	55	1070	8.75	2	<5	<2	<2	97	<.2	3	6	189	.94	.030	<1	813	4.29	121	.16	<3	3.26	.22	2.08	<2	18
166180	20	599	10	57	.4	134	24	923	7.33	<2	<5	<2	<2	88	<.2	<2	<2	188	1.01	.047	3	296	3.00	174	.24	<3	2.21	.21	1.70	<2	29
166181	8	306	14	70	<.3	272	34	1269	7.62	282	<5	<2	<2	2477	<.2	3	3	130	2.14	.064	3	367	3.53	132	.15	<3	2.08	.13	1.51	<2	19
STANDARD C3/AU-R	27	66	35	167	5.8	36	11	740	3.46	57	21	3	19	31	23.4	18	23	85	.59	.092	17	171	.65	154	.10	21	1.99	.04	.17	17	524

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-115

DATE RECEIVED: JUN 3 1997 DATE REPORT MAILED: June 10/97 SIGNED BY: C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166216	258	900	<3	34	.3	36	12	149	3.35	<2	<5	<2	<2	739	<.2	<2	2	78	2.37	.101	10	65	1.51	224	.08	<3	.75	.04	.40	<2	72
166217	33	605	6	66	<.3	32	14	682	4.05	6	<5	<2	<2	1929	<.2	<2	<2	99	3.25	.093	10	52	2.04	290	.15	<3	.89	.04	.67	<2	13
166218	8	180	7	46	<.3	29	14	718	3.21	4	<5	<2	<2	1542	<.2	2	<2	88	2.98	.093	11	47	1.71	403	.12	<3	.89	.05	.57	<2	3
166219	9	136	8	44	<.3	28	12	202	3.10	<2	<5	<2	<2	1509	<.2	<2	<2	95	1.69	.106	13	51	1.40	332	.18	<3	1.03	.06	.78	<2	12
166220	2	77	<3	42	<.3	29	15	202	3.35	<2	<5	<2	2	1218	<.2	2	3	99	1.85	.110	14	51	1.41	318	.17	<3	.97	.06	.74	<2	3
166221	9	261	8	33	<.3	28	15	189	3.13	3	<5	<2	<2	2852	<.2	<2	<2	92	1.96	.109	11	49	1.31	383	.14	<3	.90	.06	.59	<2	6
166222	9	300	<3	31	<.3	26	14	170	3.08	<2	<5	<2	<2	2836	<.2	<2	3	91	1.73	.105	9	46	1.22	356	.14	3	.85	.05	.59	<2	11
RE 166222	7	312	<3	30	<.3	26	14	169	3.07	<2	<5	<2	<2	2826	<.2	<2	<2	90	1.72	.103	10	46	1.22	359	.14	<3	.85	.05	.58	<2	11
166223	15	1046	<3	28	<.3	25	15	229	2.47	9	<5	<2	<2	976	<.2	<2	<2	76	2.76	.105	9	44	1.16	293	.04	4	.67	.05	.22	<2	44
166224	17	669	5	39	<.3	23	15	212	2.69	45	<5	<2	<2	829	<.2	4	<2	73	4.67	.089	6	37	1.59	482	.02	<3	.61	.02	.12	<2	21
166225	22	334	6	35	<.3	29	15	159	2.95	8	<5	<2	<2	2580	<.2	<2	<2	87	2.06	.104	11	45	1.22	396	.12	<3	.88	.05	.53	<2	19
166226	136	1088	<3	34	<.3	35	13	134	3.07	2	<5	<2	<2	2152	<.2	<2	<2	93	1.90	.106	13	69	1.73	436	.24	<3	1.23	.07	1.01	<2	23
166227	10	215	8	39	<.3	38	12	153	3.17	<2	<5	<2	2	2296	<.2	<2	2	99	1.67	.105	11	71	1.70	532	.24	<3	1.23	.06	1.03	<2	13
166228	16	550	<3	37	<.3	33	12	215	2.89	3	<5	<2	<2	320	<.2	<2	<2	94	2.20	.108	12	62	1.63	905	.19	<3	1.05	.05	.79	2	24
166229	21	825	9	158	.4	34	12	492	4.00	29	<5	<2	<2	147	.3	13	<2	88	3.05	.114	10	49	1.79	219	.10	<3	.81	.03	.47	2	64
166230	10	2958	16	247	1.5	36	16	4091	4.96	36	<5	<2	3	108	.7	24	<2	83	3.55	.087	7	35	1.73	171	.01	<3	.66	.01	.21	<2	61
166231	24	914	4	41	.4	30	13	305	3.74	<2	<5	<2	<2	163	<.2	2	<2	102	2.16	.106	11	55	1.64	629	.16	<3	.97	.04	.68	2	32
166232	40	628	<3	39	.3	30	13	203	3.60	<2	<5	<2	<2	250	<.2	2	2	105	1.87	.115	12	64	1.71	411	.21	<3	1.05	.05	.87	2	23
166233	24	587	3	35	<.3	37	16	176	3.76	2	<5	<2	2	904	.2	<2	2	110	1.64	.110	12	66	1.86	325	.26	<3	1.20	.05	1.11	2	40
166241	20	2535	<3	56	.7	8	12	307	5.34	259	<5	<2	<2	102	.3	6	<2	21	3.36	.170	12	5	1.32	136	.01	<3	.73	.01	.07	<2	121
166242	3	1810	5	83	1.4	14	15	995	6.15	58	<5	<2	<2	141	.3	17	<2	37	2.12	.171	12	15	1.21	148	.04	<3	.75	.02	.21	2	109
166243	10	1696	7	56	.9	22	14	264	5.87	37	6	<2	<2	146	.4	2	2	56	1.90	.128	10	29	1.16	52	.05	<3	.56	.04	.26	2	86
166244	23	1559	8	78	.7	28	12	438	5.29	3	<5	<2	2	1964	.4	2	4	69	1.70	.149	12	51	1.43	210	.13	<3	.83	.06	.63	<2	82
166245	16	1672	4	52	.5	28	13	351	3.57	2	<5	<2	3	1477	<.2	<2	<2	65	1.74	.106	10	48	1.25	200	.12	<3	.75	.05	.49	<2	61
166246	7	1618	<3	49	.4	32	12	226	3.60	4	<5	<2	2	759	<.2	<2	3	78	1.76	.104	9	54	1.34	199	.14	<3	.73	.05	.55	<2	92
166247	6	1191	3	43	<.3	32	12	155	3.77	4	<5	<2	2	438	<.2	<2	3	86	1.17	.113	10	59	1.33	284	.19	<3	.91	.08	.73	3	82
166248	9	572	<3	40	<.3	32	13	131	3.31	<2	<5	<2	4	832	<.2	<2	<2	89	1.43	.106	10	59	1.52	330	.22	<3	1.00	.06	.85	2	41
166249	4	392	7	43	<.3	30	16	182	3.27	3	<5	<2	3	196	<.2	2	4	82	2.11	.104	10	55	1.41	322	.14	<3	.83	.04	.56	3	22
166250	3	600	9	42	.3	30	17	271	3.28	2	<5	<2	4	1046	<.2	<2	<2	79	1.64	.101	9	53	1.32	298	.14	<3	.79	.06	.58	3	21
166251	2	336	5	42	<.3	34	13	241	3.31	4	<5	<2	2	1175	<.2	<2	<2	86	1.53	.106	9	58	1.38	338	.17	<3	.83	.06	.64	3	18
166252	2	575	8	42	.3	31	13	256	3.01	2	<5	<2	4	941	<.2	3	<2	81	1.42	.107	14	56	1.08	305	.14	<3	.69	.07	.51	2	29
166253	2	911	<3	46	<.3	35	12	194	3.34	2	<5	<2	2	532	.2	2	<2	96	1.57	.106	12	62	1.46	1109	.19	<3	.91	.07	.70	3	88
166254	5	514	<3	47	<.3	31	11	192	3.41	3	<5	<2	3	682	.3	2	2	91	1.33	.107	12	63	1.47	343	.23	<3	1.00	.07	.87	3	218
166255	4	663	3	54	.3	35	12	912	3.42	15	<5	<2	2	809	<.2	2	<2	76	1.92	.101	10	52	1.28	337	.12	<3	.75	.05	.49	<2	74
166256	2	416	8	48	.3	28	11	637	3.03	25	<5	<2	3	724	<.2	<2	<2	72	3.20	.105	12	49	1.34	485	.05	<3	.56	.03	.22	2	24
STANDARD C3/AU-R	26	65	34	167	5.6	38	12	732	3.42	57	21	4	19	32	24.5	20	23	86	.60	.091	18	172	.64	155	.11	19	1.98	.04	.18	21	448

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-114

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166257	6	659	<3	38	<.3	24	12	247	2.85	2	6	<2	3	1648	.2	<2	<2	72	1.47	.108	13	55	1.14	369	.12	4	.66	.06	.42	2	62
166258	2	583	15	94	.7	30	11	3306	7.05	1155	<5	<2	3	94	.8	18	<2	52	3.48	.082	9	35	1.45	33	.01	5	.58	.02	.18	<2	44
166259	3	567	8	48	.4	27	9	485	3.61	49	<5	<2	3	132	.3	<2	<2	65	5.23	.099	11	41	2.12	88	.03	<3	.70	.02	.15	<2	31
RE 166259	3	563	7	46	.3	27	10	493	3.62	43	<5	<2	3	131	<.2	2	<2	65	5.27	.098	11	40	2.12	69	.03	<3	.69	.02	.15	<2	26
166260	2	438	13	45	<.3	30	9	467	3.28	53	<5	<2	2	98	.4	2	<2	70	4.46	.093	9	46	1.71	42	<.01	<3	.70	.01	.04	<2	27
166261	2	269	14	57	<.3	29	12	648	3.41	54	6	<2	4	121	.4	3	<2	70	4.47	.096	10	48	1.87	94	.01	<3	.79	.02	.13	2	17
166262	3	553	8	62	.5	39	11	931	3.43	53	<5	<2	4	111	.2	4	<2	67	3.62	.099	10	44	1.65	220	.03	<3	.72	.02	.19	2	25
166263	13	1412	93	1050	5.8	36	9	5696	9.50	926	<5	<2	3	74	7.0	81	<2	61	3.53	.083	9	35	1.69	31	.01	<3	.50	.01	.10	<2	61
166264	3	226	9	64	<.3	29	13	782	3.48	101	<5	<2	2	142	<.2	4	<2	69	3.60	.105	13	35	1.53	56	.02	<3	.65	.01	.18	2	50
STANDARD C3/AU-R	24	63	39	157	5.3	29	11	716	3.30	55	25	<2	17	33	22.0	17	20	79	.55	.090	18	166	.60	155	.10	13	1.89	.04	.16	16	481

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-114

Data ✓ FA ___

Hole No. 97-115
Page 1 of 12

AC#'s: 97-2600
97-2705

Location: 10 410W 101405	BOOKER GOLD EXPLORATIONS LTD.		Hole No: DDH 97-115
Azimuth: 135	Dips - collar -70 °	Contractor: J.T.T.	Property: Hearne Hill
Elevation: 1020 m	- 249.0 m -70 °	Logged by: Alison Shaw	Claim No. Hearne 1
Length: 249.0 m	- m °	Date: June 1/97	Section No.
Core size: NQ	- m °		Started: June 1/97
Purpose: To intersect mineralization found in hole 57			Completed: June 3/97

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
0	19.8	CASING / OVERBURDEN													
19.8	22.8	ALTERED ANDESITE -very rubbly dark greenish grey v.f.g. with 0.1-0.5 quartz-carbonate stringers -gouge along fracture surfaces @ 70° to CA -fg py occurs in quartz-carb stringers -lower contact is sharp @ 30° to CA	19.8	22.8	-oxidized on fracture surfaces limonite staining -pervasively chloritized throughout (propylitic)	1-5	20-35	py	166 159	19.8	23.4	504	12	.4	11
22.8	24.0	BFP -50-60% subhedral feldspar grains with tan coloured biotite flakes and minor quartz grains -rare quartz veins <0.5cm w/ cpy flecks	22.8	24.0	- weakly sericitized and wkly oxidized on fracture surfaces	<5	20	py. cpy	160	23.4	26.5	705	51	.7	17
24.0	37.5	ALTERED ANDESITE (RHYODACITE) pale grey to dark greenish grey, fine grained with local bleaching	24.0	25.6	- pervasively chl'd w/ limonite staining along fracture surfaces	1-4	10-40	py.							

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		-core is quite rubbly w/ 40 cm of gouge @ 29.3 (possible FAULT zone)	25.6	29.3	bleached, w/ qtz, carb & sericite alt'n (phyllic alt'n)	<4	all	py, hem, carb	161	26.5	29.5	334	9	.6	7
		-pyrite occurs in healed fracture veinlets and finely disseminated in groundmass													
		-from 25.6 to 29.3 veining abundance increases w/ some vuggy carbonate veins (3-6mm) and 1-5mm quartz-carbonate stringers @ all angles to CA.													
		-lower contact is gradational	29.3	37.6	highly chloritized vf diss py in groundmass (propylitic alt'n)	1-5	20-50	py, hem & minor carb	162	29.5	32.6	834	19	.7	16
									163	32.6	35.6	335	8	.4	17
									164	35.6	38.7	874	45	.5	61
37.5	46.7	BFP													
		-pale to medium grey w/ approx. 40-60% 1-6mm subhedral to euhedral feldspar grains; alt'd tan coloured biotite with occasional dark brown euhedral biotite. Rare hornblende and qtz.	37.5	38.8	-sericitized biotite (and possibly secondary biotite) -pyrite	<2	10-40	py, carb							
		-m to cg with localized bleaching and chlorite/clay alteration.	38.8	45.3	-core is bleached w/ carbonate alteration, occasional magnetite and hematite veins @ 10-30° to CA -pyrite occurs along fractures and finely disseminated in groundmass -cpy occurs in blebs & in veins	1-10	20-50	carb, mag, hem, py, cpy	165	38.7	41.7	645	13	2.5	32
		-cpy abundance is higher from 44.0 to 45.8m							166	41.7	44.8	2486	38	2.9	100
		-gouge and crushed rock occur @ 40.0m (possible FAULT zone @ 20-30° to CA.							167	44.8	47.8	1708	52	1.1	49

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		-lower contact is gradational	45.3	46.7	-sericitized, chloritized	1-6	10-30	py, cpy							
					cpy occurs in veinlets.										
					py occurs in veinlets and										
					disseminated throughout.										
46.7	179.2	ALTERED ANDESITE w/BFP DYKES													
		dark greenish grey, fg w/1-5mm white quartz/carbonate stringers throughout. zone of bleaching occurs from 53.9 to 56.2m.	46.7	53.9	-chloritized throughout	1-5	0-45	py, hem	168	47.8	50.9	393	16	.3	11
					-pyrite occurs in irregular				169	50.9	53.9	1485	70	.8	13
					veinlets and in 1-5 mm white										
					carbonate veinlets @ 0-45° to CA										
					-hematite occurs as little red										
					blebs in veinlets										
					-occasional thick (1-4cm)										
					vuggy carbonate veins occur										
					from 52.5 to 53.2										
			53.9	56.2	-core displays zones of	1-7	20-80	py, cpy, cpy	170	53.9	56.9	1619	62	.8	20
					bleaching, where chlorite										
					alteration is less pervasive										
					and carbonate alteration										
					increases.										
					cpy is rare, py is common										
					along fracture surfaces										
			56.2	59.8	-chloritized	1-5	10-60	py, hem cpy	171	56.9	60.0	547	18	.5	42
		BFP DYKE from 59.8 to 61.1	59.8	61.1	sericitized, and locally				172	60.0	63.0	497	22	.8	21
		medium grey w/ 1-7 mm white			bleached around thick										
		fspar subhedral grains.			carb (1-2.5cm) veins										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		- biotite occurs as tan brown weathered flakes and dark brown subhedral grains			hematite is rare and flecks of cpy are very rare.										
		- contacts are sharp													
		ALTERED ANDESITE same as above with zones of bleaching from 61.1 to 65.9. Pinkish white thick carbonate veins are abundant in bleached zones	61.1	65.9	carbonate and chlorite alt'n with bleached sections adjacent to carb veins.	1-20	10-80	py, hem, rare cpy & galena(?)	173	63.0	66.1	343	16	2.1	10
		- from 65.9 to 76.9 fg dark greenish grey andesite, core is quite broken up	65.9	76.9	- chlorite alt'n - pyrite occurs along fracture surfaces and hematite blebs are present throughout	1-4	10-30	py, hem	174	66.1	69.1	671	17	.4	21
									175	69.1	72.2	562	17	.6	9
									176	72.2	75.2	633	19	.4	25
									177	75.2	78.3	633	17	.4	10
		BFP DYKE from 76.9 to 78.4 same as above although there are slightly more hornblende grains (3%) and there are occasional angular andesite xenoliths (1-4 cm)	76.9	78.4	- sericite weakly carbonitized and bleached	2-15	10-60	py							
		- contacts are sharp but irregular.													
		ALTERED ANDESITE 78.4 to 85.8 fine grained dark greenish gray with white quartz-carb													

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		veinlets and fracture fillings.	78.4	85.8	-chloritized, and locally	<10	10-30	py, hem	178	78.3	81.3	926	25	.5	26
		Core is quite rubbly and			silicified				179	81.3	84.4	669	18	.3	9
		broken up.			-hematite and pyrite occur				180	84.4	87.4	599	29	.4	20
					throughout.										
		BFP DYKE													
		1-5mm subhedral white f-spar	85.8	91.4	sericite alt'n, locally intensely	1-3	20-40	py	181	87.4	90.5	306	19	<.3	8
		grains (50-60%) with pale			chloritized.				182	90.5	93.5	705	13	<.3	11
		tan flaky and dark brown													
		euhedral (secondary?) biotite.													
		-qtz & hornblende are also present													
		-There is an intensely chloritized													
		and gouged section with zones													
		of altered andesite from 88.6													
		To 90.2 (SHEAR zone)													
		ALTERED ANDESITE	91.4	92.3	pervasively chloritized (very	<4	40-60	py							
		fine grained, medium to dark			soft rock)										
		greenish grey with local light	92.3	93.4	bleached, carbonate and	1-12	10-40	py, hem							
		grey bleached sections.			silica alteration. Pyrite and										
					hematite occur in microveinlets										
			93.4	104.2	pervasively chloritized	1-4	10-60	py, hem	183	93.5	96.6	560	8	<.3	8
					with minor pyrite and				184	96.6	99.6	845	20	.4	7
					hematite alt'n mainly along				185	99.6	102.7	662	13	.4	6
					fracture surfaces. Rare				186	102.7	105.7	1171	32	.5	13
					cpy occurs in white quartz/										
					carbonate veins										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		From 102.9 to 103.8 and	102.9	103.8	- carb and silica alt'n	1-10	45-80	hem, mag, py							
		104.2 to 107.0 core is intensely			- pyrite, magnetite and										
		microfractured with magnetite			hematite mineralization										
		and hematite mineralization.			occur in microveinlets (healed										
		Chlorite alt'n is minimal, silica			fractures)										
		and carbonate alt'n prevail.			- pyrite is also disseminated										
		milky white 2-10mm veins			in ground mass										
		occur at 103.0-103.1 @ 45-80°	103.8	104.2	pervasively chloritized with	1-6	25-40	py							
		to CA.			1-6mm carbonate veinlets										
		- lower contact with BFP is			hosting pyrite mineralization										
		fairly sharp, but irregular	104.2	107.0	carb and silica alt'n (same			hem, mag, py							
					as 102.9 - 103.8) magnetite,			cpy							
					hematite, pyrite and occasional										
		-			cpy occurring in veinlets and										
					along fracture surfaces.										
					Veining occurs as stockwork										
		BFP DYKE from 107.0 to													
		113.0	107.0	110.8	weak sericite alt'n	1-3	30-50	hem, py, cpy	187	105.7	108.8	1715	43	.8	16
		- medium grey with pale grey			- hematite, py & cpy				188	108.8	111.8	1039	39	.5	21
		zone. 1-6cm grey andesite			mineralization occurring										
		xenoliths throughout. 1-4m			along fracture surfaces										
		- subhedral to euhedral white			and in 1-3mm white quartz/										
		feldspar grains (approx 50-60%),			carbonate veinlets @ 30-50°										
		sericitized biotite grains, minor			to CA.										
		quartz and ≤ 3-5% euhedral	110.8	113.0	strong sericite/clay alt'n	5-40	15-80	py, cpy	189	111.8	114.8	1829	81	1.0	22
		dark brown biotite.			- biotite abundance decreases										

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		lower contact is fairly sharp @ approx. 20° to CA.			mineralization occurs in pinkish white vuggy quartz carbonate veins (5-40mm @ 15-80° to CA)										
		ALTERED ANDESITE from 113.0 to 127.2 medium grey, highly micro-fractured, fairly finegrained and locally hornfelsed. texture appears slightly brecciated in places. -lower contact is fairly sharp, but irregular.	113.0	127.2	strongly silicified, local carbonate alt'n -red opaque hematite splashes and veinlets occur throughout -magnetite occurs as microveinlets (healed fractures) -pyrite is finely disseminated throughout and concentrated in 1-3mm carbonate veinlets -cpy occurs as blebs and splashes throughout, but is concentrated in vuggy carb veins (1-2cm @ 119.3-119.4m 122.1 to 127.2 m and 126.4 to 126.6)	1-3	all	hem, mag, py, cpy	190	114.8	117.9	3017	130	1.2	45
									191	117.9	121.0	3456	102	2.3	30
									192	121.0	124.0	3787	106	1.5	22
									193	124.0	127.1	3045	94	1.2	26
		BFP - medium grey, w/ 1-5mm white feldspar grains, crowded texture, w/ alt'd biotite and minor preserved grains (3-5%) -1-4mm qtz veins running	127.2	129.1	strongly sericitized with local alteration to clay	1-12	0-55	py, cpy	194	127.1	130.1	1969	63	.7	17

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		parallel to CA hosting py.													
		- 2-12 mm vuggy carbonate													
		veins hosting blebs of cpy													
		@ 127.8 and 129.8 m.													
		- lower contact is sharp													
		@ 80° to CA.													
		BRECCIA from 129.1 to 130.2	129.1	130.1											
		pale to medium grey, with			- pyrite occurs disseminated	1-3	30-40	py, cpy							
		bleached white angular clasts			throughout and is concentrated										
		in a darker grey aphanitic			in fracture filled veinlets										
		silicified groundmass			- cpy occurs in quartz/carb										
		- lower contact is fairly sharp			veinlets @ 30-40° to C.A.										
		@ 45-60°			- unit is silicified and										
					locally carbonatized										
		BFP dyke from 130.1 to													
		pale to medium grey with	130.1	135.8	- unit is sericitized and	2-5	30-60	py, cpy, hem	195	130.1	133.1	987	27	.4	13
		local bleaching			wkly silicified				196	133.1	136.2	1528	40	.8	15
		- white feldspar grains are			- py and cpy occur in irreg										
		subhedral and range in size			quartz/carb veinlets										
		from 1-6mm			- minor hematite splashes										
		- biotite grains are present both			occur on fracture surfaces										
		alt'd tan and dark brown													
		hexagonal grains													
		- quartz grains are also distinguished													
		in the matrix													

Hole No. 97-115

Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		ALTERED ANDESITE / BFP	134.8	135.9	- silicified and bleached	1-4	10-30	hem, py							
		-unit displays weak porphyritic textures and is silicified and locally microfractured			- hem & py are mineralized w/i fractures										
		-unit is transitional and lower contact is fairly gradational.			-										
		ALTERED ANDESITE	135.9	179.2	- generally silicified and hornfelsed with sericite alt'n. Sections of intense chloritization @ 137.8-139.2	1-5	10-80	py, hem, cpy mag (mo?)	197	136.2	139.2	2278	51	.8	25
		-pale grey to dark greenish grey fg and locally hornfelsed and silicified.							198	139.2	142.3	2415	67	.7	19
		-occasional 5-15cm xenoliths of BFP							199	142.3	145.3	1985	81	.6	21
		-microfractured stockwork infilled with quartz/carbonate, hematite and rarely magnetite			150.0-150.8, 153.7-155.7 and 157.5-159.3m.				200	145.3	148.4	3000	102	.9	71
		-small BFP dyke @ 146.5-147.1m w/strong sericite/clay alt'n, minor mag-hem mineralization.			- significant splashes of cpy occur along fracture surfaces @ 142m, 145.9m 149.9, 166.5 and 177.1m.				201	148.4	151.4	2669	117	.8	19
		- BFP dyke @ 165.5-166.2m with strong sericite/clay alt'n, no distinguishable dk. brown biotite grains			- hematite and magnetite occur in fractures.				202	151.4	154.5	2587	64	.8	19
					- occasional blebs of cpy in vuggy carbonate irregular veins.				203	154.5	157.5	1997	69	.9	49
					- small specks of molybdenum? @ 177.1 w/cpy.				204	157.5	160.6	1314	35	.6	46
									205	160.6	163.6	2366	64	.7	18
									206	163.6	166.7	2158	61	.7	26
									207	166.7	169.7	3509	101	1.2	24
									208	169.7	172.8	3068	118	1.1	33
									209	172.8	175.8	4036	150	1.1	18
									210	175.8	178.9	6570	462	2.3	142
									211	178.9	181.9	1757	53	.6	260

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION cet.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		sharp @ 70° to CA.													
		BFP													
		medium to dark grey with	179.2	189.2	- sericite and wk chlorite	1-3	40-50	py	212	181.9	185.0	707	23	.4	109
		local bleached pale grey to			alt'n				213	185.0	188.0	563	14	.5	78
		white sections.			- finely disseminated py				214	188.0	191.1	531	15	.3	39
		- feldspar xtals are 1-7mm			and minor cpy										
		and subhedral. Most of the													
		biotite has been altered to													
		sericite. Approx 5% dark													
		brown to black hexagonal													
		biotite xtals.													
		rare 1-3mm carbonate stringers													
		@ 40-50° to CA, with													
		bleaching halos.													
		- occasional chloritized													
		andesite xenoliths (2-10 cm)													
			189.2	190.5	unit is sericitized and sil'd	5-20	0-40	py							
					(bleached) with vuggy										
					carbonate veins (5-20mm)										
					hosting py mineralization										
			190.5	215.7	- sericite and chlorite	1-10	40-60	py, hem, cpy	215	191.1	194.1	506	39	.4	25
					alt'n with minor bleaching				216	194.1	197.2	900	72	.3	258
					and carbonate alteration.				217	197.2	200.2	605	13	<.3	33
					minor silicified vuggy				218	200.2	203.3	180	3	<.3	8
					carb veined sections @ 195.5				219	203.3	206.3	136	12	<.3	9

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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
		Gouge and crushed rock at 237.0m (possible FAULT zone) (10cm)			and 199.7-200.9m - finely disseminated py and cpy with specks of hematite throughout. - tiny specks of mol or galena? @ 195.5m				220	206.3	209.3	77	3	<.3	2
									221	209.3	212.4	261	6	<.3	9
									222	212.4	215.4	312	11	<.3	9
			215.7	221.7	- bleached section w/ sericite /clay alteration, locally silicified w/ py and cpy infilling microfractures - porphyritic textures are less distinct.	<3	all	py, cpy	223	215.4	218.5	1046	44	<.3	15
									224	218.5	221.5	669	21	<.3	17
			221.7	237.2	- weakly sericitized - py and cpy occur along fracture surfaces - veining is minimal	1-3	40-60	py, cpy	225	221.5	224.6	334	19	<.3	22
									226	224.6	227.6	1088	23	<.3	136
									227	227.6	230.7	215	13	<.3	10
									228	230.7	233.7	550	24	<.3	16
			237.2	240.3	- intensely bleached section where porphyritic textures are locally obliterated. - clay/sericite alt'n - occasional specks and splashes of cpy w/i matrix - <2mm magnetite veinlets often accompanied w/ py	<2	50-60	py, mag, cpy	229	233.7	236.8	825	64	.4	21
									230	236.8	239.8	2958	61	1.5	10
			240.3	249.0	wk sericite alt'n - 1-8 mm white quartz/carbonate	1-8	30-60	py (cpy)	231	239.8	242.9	914	32	.4	24
									232	242.9	245.9	628	23	.3	40

Hole No. 97-115
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Section from m	Section to m	ROCK DESCRIPTION	Interval from m	Interval to m	ALTERATION, MINERALIZATION ect.	VIENLETS Thick mm	VIENLETS Angle to core	VIENLETS Minerals in decreasing abundance	Sample No.	From	To	Cu PPM	Au PPB	Ag PPM	Mo PPM
					veins hosting py mineralization				233	245.9	249.0	587	40	<.3	24
		END OF HOLE @ 149.0m			-dark brown euhedral biotite grains (3-5%)										
					-feldspar grains are locally weakly foliated parallel to veining										

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) -1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2600

10th Floor - Princess Bui, Vancouver BC V6B 4W4

DDH 97-115

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166157	4	1069	15	67	.5	28	12	1376	3.42	16	<5	<2	3	90	<.2	12	<2	72	1.93	.097	11	44	1.25	446	.09	<3	.92	.04	.40	2	49
166158	5	1115	22	110	.7	28	20	1790	3.82	248	<5	<2	4	79	.3	17	<2	58	5.03	.090	7	28	1.81	49	<.01	<3	.79	.01	.21	2	38
166159	11	504	7	44	.4	79	25	1009	5.63	6	<5	<2	<2	463	<.2	<2	<2	202	2.59	.052	2	199	2.36	68	.20	<3	2.65	.30	1.44	<2	12
166160	17	705	15	78	.7	98	52	1938	6.78	14	<5	<2	<2	364	<.2	<2	<2	195	2.92	.051	1	192	2.52	33	.11	<3	1.57	.11	.92	<2	51
166161	7	334	13	122	.6	135	45	12899	8.36	34	<5	<2	<2	188	<.2	<2	<2	169	4.69	.037	<1	151	2.29	36	<.01	<3	.67	.01	.30	<2	9
166162	16	834	9	69	.7	117	53	1691	7.53	13	<5	<2	<2	646	<.2	<2	<2	224	3.00	.040	<1	213	3.15	50	.18	<3	2.34	.23	1.37	<2	19
166163	17	335	11	70	.4	108	36	2108	7.18	<2	<5	<2	<2	1341	<.2	<2	2	219	2.16	.041	1	258	3.53	316	.22	<3	2.39	.20	1.92	<2	8
166164	61	874	14	59	.5	94	28	1069	6.15	2	<5	<2	3	1172	.2	2	<2	173	2.07	.059	4	216	2.89	141	.17	<3	1.72	.14	1.29	<2	45
166165	32	645	45	351	2.5	129	46	8257	8.28	121	<5	<2	<2	188	1.0	85	<2	99	5.06	.038	3	178	2.40	79	.01	<3	.83	.02	.23	2	13
166166	100	2486	121	589	2.9	96	34	9108	7.12	109	<5	<2	2	185	1.3	28	3	77	6.04	.041	4	101	2.59	51	<.01	4	.79	.02	.26	<2	38
166167	49	1708	14	82	1.1	56	22	3051	5.48	25	<5	<2	<2	1800	<.2	<2	<2	130	2.76	.063	4	118	2.46	90	.13	<3	1.34	.08	1.02	<2	52
166168	11	393	10	52	.3	103	28	1156	7.84	<2	<5	<2	<2	5114	<.2	5	<2	248	1.29	.037	<1	281	3.83	158	.28	<3	2.53	.17	2.46	<2	16
166169	13	1485	41	98	.8	84	42	1044	8.82	27	<5	<2	<2	256	<.2	3	<2	201	1.90	.026	1	171	3.08	34	.18	3	1.84	.07	1.85	<2	70
166170	18	1526	24	50	.7	80	51	314	7.52	51	<5	<2	<2	208	<.2	2	<2	175	1.68	.025	1	138	2.49	26	.13	<3	1.42	.06	1.24	<2	62
RE 166170	20	1619	32	53	.8	89	56	340	7.97	49	<5	<2	<2	222	<.2	2	<2	187	1.77	.026	1	146	2.66	28	.14	<3	1.50	.06	1.31	<2	60
166171	42	547	13	75	.5	110	38	1539	7.98	9	<5	<2	<2	3789	.3	<2	<2	217	1.55	.047	1	242	3.86	131	.20	<3	2.21	.13	2.09	<2	18
166172	21	497	23	174	.8	77	28	6460	6.74	22	<5	<2	<2	449	.5	14	<2	108	2.50	.050	3	105	2.44	117	.08	<3	.92	.05	.63	<2	22
166173	10	343	165	612	2.1	94	25	11685	9.62	46	<5	<2	<2	895	2.2	38	3	140	4.93	.025	1	149	3.39	65	.06	<3	.91	.04	.66	<2	16
166174	21	671	8	78	.4	176	38	1549	8.83	4	<5	<2	<2	3363	<.2	<2	<2	250	1.02	.036	<1	447	4.24	125	.22	<3	2.56	.13	2.20	<2	17
166175	9	562	7	71	.6	129	32	1341	7.75	<2	<5	<2	<2	138	<.2	<2	<2	253	.81	.036	<1	347	3.50	156	.20	<3	2.18	.13	1.73	<2	17
166176	25	633	9	64	.4	126	31	937	8.64	<2	<5	<2	<2	168	<.2	<2	<2	279	.61	.025	<1	330	4.37	251	.26	<3	2.83	.14	2.71	<2	19
166177	10	633	5	48	.4	93	20	1030	5.54	<2	<5	<2	4	881	<.2	2	<2	146	2.15	.068	5	191	2.45	245	.14	<3	1.31	.11	.91	<2	17
166178	26	926	8	73	.5	204	50	849	8.53	4	<5	<2	<2	119	<.2	2	<2	166	1.15	.029	2	405	3.38	114	.16	<3	2.31	.13	1.84	<2	25
166179	9	669	<3	170	.3	325	55	1070	8.75	2	<5	<2	<2	97	<.2	3	6	189	.94	.030	<1	813	4.29	121	.16	<3	3.26	.22	2.08	<2	18
166180	20	599	10	57	.4	134	24	923	7.33	<2	<5	<2	<2	88	<.2	<2	<2	188	1.01	.047	3	296	3.00	174	.24	<3	2.21	.21	1.70	<2	29
166181	8	306	14	70	<.3	272	34	1269	7.62	282	<5	<2	<2	2477	<.2	3	3	130	2.14	.064	3	367	3.53	132	.15	<3	2.08	.13	1.51	<2	19
STANDARD C3/AU-R	27	66	35	167	5.8	36	11	740	3.46	57	21	3	19	31	23.4	18	23	85	.59	.092	17	171	.65	154	.10	21	1.99	.04	.17	17	524

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE CHIP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH 97-115

DATE RECEIVED: JUN 3 1997 DATE REPORT MAILED: June 10/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)2 1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Explorations Limited PROJECT HEARNE HILL File # 97-2705 Page 1

10th Floor - Princess Bui, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166182	11	705	14	53	<.3	211	37	1031	6.53	15	<5	<2	<2	1315	.2	<2	<2	125	3.39	.048	4	337	3.28	131	.09	<3	1.33	.06	.98	<2	13
166183	8	560	11	61	<.3	330	33	836	11.01	<2	<5	<2	<2	784	.3	<2	<2	198	1.04	.032	1	659	5.39	172	.26	<3	3.70	.21	3.72	<2	8
166184	7	845	11	56	.4	413	67	1016	9.67	6	<5	<2	<2	108	.2	2	<2	185	1.50	.030	1	716	4.53	116	.19	<3	3.45	.25	2.65	<2	20
166185	6	662	13	126	.4	258	50	1564	8.26	3	<5	<2	<2	119	.6	<2	<2	174	1.83	.029	2	499	4.94	149	.20	<3	3.71	.26	3.17	<2	13
166186	12	1168	4	38	.5	77	18	417	8.79	<2	<5	<2	<2	182	<.2	<2	<2	157	1.01	.043	3	158	1.95	209	.11	<3	1.37	.13	1.14	<2	32
RE 166186	13	1171	3	39	.5	78	18	416	8.84	4	<5	<2	<2	182	<.2	<2	<2	159	1.01	.043	3	157	1.96	210	.11	<3	1.37	.13	1.16	<2	29
166187	16	1715	6	36	.8	21	12	185	5.81	<2	6	<2	<2	547	<.2	<2	4	92	1.26	.093	8	32	.94	193	.08	<3	.57	.07	.36	<2	43
166188	21	1039	9	49	.5	28	10	240	3.84	4	<5	<2	2	648	.5	<2	<2	76	2.37	.105	11	48	1.43	436	.07	<3	.70	.05	.40	2	39
166189	22	1829	13	48	1.0	14	12	247	5.73	2	5	<2	<2	122	<.2	<2	<2	79	1.44	.079	8	22	.89	205	.03	<3	.42	.06	.17	2	81
166190	45	3017	12	47	1.2	10	11	885	5.64	10	<5	<2	<2	103	<.2	2	<2	66	.95	.045	8	9	.63	67	.01	<3	.25	.06	.09	3	130
166191	30	3456	11	41	2.3	9	15	1528	7.09	23	<5	<2	<2	566	<.2	2	<2	73	1.23	.044	5	5	.70	94	.01	<3	.20	.05	.07	<2	102
166192	22	3787	11	40	1.5	11	14	632	6.03	<2	<5	<2	<2	96	<.2	2	2	67	.67	.069	7	9	.49	42	.01	<3	.24	.06	.07	<2	106
166193	26	3045	11	37	1.2	10	16	347	4.44	<2	<5	<2	<2	54	<.2	<2	<2	46	.65	.037	3	10	.40	114	.01	<3	.26	.06	.07	3	94
166194	17	1969	7	40	.7	21	11	309	3.39	25	<5	<2	<2	106	.2	2	2	61	2.50	.068	9	32	1.16	183	.03	<3	.71	.01	.19	2	63
166195	13	987	12	58	.4	27	11	1698	3.98	33	<5	<2	3	1585	.2	<2	<2	76	2.12	.091	9	45	1.43	294	.12	<3	.87	.04	.55	<2	27
166196	15	1528	5	32	.8	20	12	231	3.24	4	<5	<2	2	1387	<.2	<2	<2	63	1.40	.073	7	31	1.04	227	.11	<3	.65	.06	.42	<2	40
166197	25	2278	7	45	.8	67	28	302	7.57	2	<5	<2	<2	175	.4	2	<2	205	1.51	.054	5	183	3.01	370	.26	<3	1.81	.07	1.92	<2	51
166198	19	2415	6	27	.7	10	10	163	6.55	<2	<5	<2	<2	45	.2	<2	<2	101	.63	.047	4	9	.41	28	.02	<3	.21	.07	.06	2	67
166199	21	1985	4	21	.6	10	8	131	3.91	8	<5	<2	<2	49	<.2	2	<2	64	.78	.034	5	19	.61	66	.02	<3	.38	.08	.18	3	81
166200	71	3000	3	19	.9	11	8	105	3.18	10	9	<2	<2	42	<.2	<2	<2	47	.89	.029	5	14	.44	72	<.01	<3	.26	.07	.06	4	102
166201	19	2669	6	28	.8	18	11	118	4.52	5	6	<2	<2	63	<.2	<2	3	77	1.04	.024	5	29	.89	157	.05	<3	.53	.06	.30	3	117
166202	19	2587	10	24	.8	15	15	220	3.61	6	<5	<2	<2	41	<.2	<2	3	58	.95	.023	3	24	.81	66	.05	<3	.49	.07	.29	4	64
166203	49	1997	9	41	.9	30	20	233	5.05	4	<5	<2	<2	106	<.2	<2	<2	155	1.90	.052	6	96	1.94	218	.12	<3	1.20	.04	.87	<2	69
166204	46	1314	5	47	.6	29	20	296	7.12	14	<5	<2	<2	115	<.2	2	<2	195	2.40	.041	2	119	2.51	266	.16	<3	1.72	.02	1.24	<2	35
166205	18	2366	4	15	.7	12	7	219	2.49	33	<5	<2	<2	52	<.2	<2	<2	26	1.71	.024	3	15	.71	233	<.01	3	.51	.02	.05	2	64
166206	26	2158	4	18	.7	14	11	222	2.73	22	<5	<2	<2	54	<.2	<2	2	38	2.05	.045	5	27	.82	175	<.01	<3	.60	.01	.06	<2	61
166207	24	3509	6	13	1.2	9	5	129	2.30	12	6	<2	<2	46	<.2	<2	<2	15	.56	.011	3	8	.23	90	<.01	<3	.58	.01	.04	3	101
166208	33	3068	4	14	1.1	8	13	100	2.43	6	6	<2	<2	45	.2	<2	<2	18	.45	.013	2	7	.24	77	<.01	<3	.44	.02	.03	2	118
166209	18	4036	3	11	1.1	10	10	104	2.13	<2	<5	<2	<2	50	<.2	<2	<2	12	.87	.007	3	6	.29	89	<.01	<3	.42	.01	.03	2	150
166210	142	6570	7	19	2.3	24	21	103	3.07	2	5	<2	<2	30	<.2	<2	<2	25	.52	<.001	3	6	.36	36	<.01	<3	.26	.04	.05	2	462
166211	260	1757	6	41	.6	48	14	179	4.44	3	<5	<2	2	84	.3	<2	<2	82	3.05	.092	14	85	1.78	142	.09	<3	.71	.03	.45	<2	53
166212	109	707	<3	36	.4	59	15	211	4.10	<2	<5	<2	4	158	.2	2	2	101	2.00	.128	16	109	2.06	380	.19	<3	1.05	.05	.94	<2	23
166213	78	563	7	42	.5	57	20	314	4.16	4	<5	<2	3	98	<.2	<2	2	100	2.87	.129	15	102	1.79	229	.11	<3	.81	.04	.55	<2	14
166214	39	531	11	45	.3	53	15	376	4.00	8	<5	<2	4	111	.3	<2	<2	97	4.51	.123	15	92	2.12	230	.08	<3	.74	.04	.38	<2	15
166215	25	506	9	40	.4	53	16	297	4.23	3	<5	<2	5	1014	.3	<2	<2	99	2.54	.132	15	108	1.89	238	.17	<3	.95	.06	.73	<2	39
STANDARD C3/AU-R	25	66	40	167	5.6	35	13	727	3.43	55	20	3	19	33	23.3	16	19	84	.60	.091	18	176	.65	153	.10	20	1.98	.04	.17	20	450

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DDH 97-115

DATE RECEIVED: JUN 6 1997 DATE REPORT MAILED: Jun 13/97 SIGNED BY. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
166216	258	900	<3	34	.3	36	12	149	3.35	<2	<5	<2	<2	739	<.2	<2	2	78	2.37	.101	10	65	1.51	224	.08	<3	.75	.04	.40	<2	72
166217	33	605	6	66	<.3	32	14	682	4.05	6	<5	<2	<2	1929	<.2	<2	<2	99	3.25	.093	10	52	2.04	290	.15	<3	.89	.04	.67	<2	13
166218	8	180	7	46	<.3	29	14	718	3.21	4	<5	<2	<2	1542	<.2	2	<2	88	2.98	.093	11	47	1.71	403	.12	<3	.89	.05	.57	<2	3
166219	9	136	8	44	<.3	28	12	202	3.10	<2	<5	<2	<2	1509	<.2	<2	<2	95	1.69	.106	13	51	1.40	332	.18	<3	1.03	.06	.78	<2	12
166220	2	77	<3	42	<.3	29	15	202	3.35	<2	<5	<2	2	1218	<.2	2	3	99	1.85	.110	14	51	1.41	318	.17	<3	.97	.06	.74	<2	3
166221	9	261	8	33	<.3	28	15	189	3.13	3	<5	<2	<2	2852	<.2	<2	<2	92	1.96	.109	11	49	1.31	383	.14	<3	.90	.06	.59	<2	6
166222	9	300	<3	31	<.3	26	14	170	3.08	<2	<5	<2	<2	2836	<.2	<2	3	91	1.73	.105	9	46	1.22	356	.14	3	.85	.05	.59	<2	11
RE 166222	7	312	<3	30	<.3	26	14	169	3.07	<2	<5	<2	<2	2826	<.2	<2	<2	90	1.72	.103	10	46	1.22	359	.14	<3	.85	.05	.58	<2	11
166223	15	1046	<3	28	<.3	25	15	229	2.47	9	<5	<2	<2	976	<.2	<2	<2	76	2.76	.105	9	44	1.16	293	.04	4	.67	.05	.22	<2	44
166224	17	669	5	39	<.3	23	15	212	2.69	45	<5	<2	<2	829	<.2	4	<2	73	4.67	.089	6	37	1.59	482	.02	<3	.61	.02	.12	<2	21
166225	22	334	6	35	<.3	29	15	159	2.95	8	<5	<2	<2	2580	<.2	<2	<2	87	2.06	.104	11	45	1.22	396	.12	<3	.88	.05	.53	<2	19
166226	136	1088	<3	34	<.3	35	13	134	3.07	2	<5	<2	<2	2152	<.2	<2	<2	93	1.90	.106	13	69	1.73	436	.24	<3	1.23	.07	1.01	<2	23
166227	10	215	8	39	<.3	38	12	153	3.17	<2	<5	<2	2	2296	<.2	<2	2	99	1.67	.105	11	71	1.70	532	.24	<3	1.23	.06	1.03	<2	13
166228	16	550	<3	37	<.3	33	12	215	2.89	3	<5	<2	<2	320	<.2	<2	<2	94	2.20	.108	12	62	1.63	905	.19	<3	1.05	.05	.79	2	24
166229	21	825	9	158	.4	34	12	492	4.00	29	<5	<2	<2	147	.3	13	<2	88	3.05	.114	10	49	1.79	219	.10	<3	.81	.03	.47	2	64
166230	10	2958	16	247	1.5	36	16	4091	4.96	36	<5	<2	3	108	.7	24	<2	83	3.55	.087	7	35	1.73	171	.01	<3	.66	.01	.21	<2	61
166231	24	914	4	41	.4	30	13	305	3.74	<2	<5	<2	<2	163	<.2	2	<2	102	2.16	.106	11	55	1.64	629	.16	<3	.97	.04	.68	2	32
166232	40	628	<3	39	.3	30	13	203	3.60	<2	<5	<2	<2	250	<.2	2	2	105	1.87	.115	12	64	1.71	411	.21	<3	1.05	.05	.87	2	23
166233	24	587	3	35	<.3	37	16	176	3.76	2	<5	<2	2	904	.2	<2	2	110	1.64	.110	12	66	1.86	325	.26	<3	1.20	.05	1.11	2	40
166241	20	2535	<3	56	.7	8	12	307	5.34	259	<5	<2	<2	102	.3	6	<2	21	3.36	.170	12	5	1.32	136	.01	<3	.73	.01	.07	<2	121
166242	3	1810	5	83	1.4	14	15	995	6.15	58	<5	<2	<2	141	.3	17	<2	37	2.12	.171	12	15	1.21	148	.04	<3	.75	.02	.21	2	109
166243	10	1696	7	56	.9	22	14	264	5.87	37	6	<2	<2	146	.4	2	2	56	1.90	.128	10	29	1.16	52	.05	<3	.56	.04	.26	2	86
166244	23	1559	8	78	.7	28	12	438	5.29	3	<5	<2	2	1964	.4	2	4	69	1.70	.149	12	51	1.43	210	.13	<3	.83	.06	.63	<2	82
166245	16	1672	4	52	.5	28	13	351	3.57	2	<5	<2	3	1477	<.2	<2	<2	65	1.74	.106	10	48	1.25	200	.12	<3	.75	.05	.49	<2	61
166246	7	1618	<3	49	.4	32	12	226	3.60	4	<5	<2	2	759	<.2	<2	3	78	1.76	.104	9	54	1.34	199	.14	<3	.73	.05	.55	<2	92
166247	6	1191	3	43	<.3	32	12	155	3.77	4	<5	<2	2	438	<.2	<2	3	86	1.17	.113	10	59	1.33	284	.19	<3	.91	.08	.73	3	82
166248	9	572	<3	40	<.3	32	13	131	3.31	<2	<5	<2	4	832	<.2	<2	<2	89	1.43	.106	10	59	1.52	330	.22	<3	1.00	.06	.85	2	41
166249	4	392	7	43	<.3	30	16	182	3.27	3	<5	<2	3	196	<.2	2	4	82	2.11	.104	10	55	1.41	322	.14	<3	.83	.04	.56	3	22
166250	3	600	9	42	.3	30	17	271	3.28	2	<5	<2	4	1046	<.2	<2	<2	79	1.64	.101	9	53	1.32	298	.14	<3	.79	.06	.58	3	21
166251	2	336	5	42	<.3	34	13	241	3.31	4	<5	<2	2	1175	<.2	<2	<2	86	1.53	.106	9	58	1.38	338	.17	<3	.83	.06	.64	3	18
166252	2	575	8	42	.3	31	13	256	3.01	2	<5	<2	4	941	<.2	3	<2	81	1.42	.107	14	56	1.08	305	.14	<3	.69	.07	.51	2	29
166253	2	911	<3	46	<.3	35	12	194	3.34	2	<5	<2	2	532	.2	2	<2	96	1.57	.106	12	62	1.46	1109	.19	<3	.91	.07	.70	3	88
166254	5	514	<3	47	<.3	31	11	192	3.41	3	<5	<2	3	682	.3	2	2	91	1.33	.107	12	63	1.47	343	.23	<3	1.00	.07	.87	3	218
166255	4	663	3	54	.3	35	12	912	3.42	15	<5	<2	2	809	<.2	2	<2	76	1.92	.101	10	52	1.28	337	.12	<3	.75	.05	.49	<2	74
166256	2	416	8	48	.3	28	11	637	3.03	25	<5	<2	3	724	<.2	<2	<2	72	3.20	.105	12	49	1.34	485	.05	<3	.56	.03	.22	2	24
STANDARD C3/AU-R	26	65	34	167	5.6	38	12	732	3.42	57	21	4	19	32	24.5	20	23	86	.60	.091	18	172	.64	155	.11	19	1.98	.04	.18	21	448

Sample type: CORE CHIP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DDH
97-114

Data FA