803690

KERR PROJECT D.D.HOLE K-88-5

LOCATION	A-ZONE SOUTH CLIFFS	COLLAR LAT.	9512.8 NORTH
DATE STARTED	JULY 12, 1988	LONG.	9395.2 EAST
DATE COMPLETED	JULY 14, 1988	ELEVATION	1734.4 m
CORE RECOVERY	92.86%	AZIMUTH	090 DIP -60 deg
DRILLED BY	FALCON DRILLING LTD.	LENGTH	179.22 m
LOGGED BY	SCOTT CASSELMAN	HOR. PROJ.	98.73 m
OBJECTIVE	test at depth surface Au min	VERT. PROJ.	149.17 m
DIP TEST DEPTH	179.22 m DIP -53 deg		
DEPTH	_____m DIP_____deg		

FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
0.00	2.44	2.44	OVERBURDEN
2.44	14.34	11.90	SERICITE SCHIST - medium grey, fine- to medium-grained, intensely altered sericitic schist with pyrite veins and stringers parallel to strong foliation at 30 deg to C.A. - relic crystal tuff texture evident - 1 to 3% quartz veins generally with associated sulphides - 1 to 1% chalcopyrite blebs up to 1 mm diameter generally associated with quartz veins - top 2 m of section quite weathered with limonitic clay - chalcocite generally forms rim around chalcopyrite grains
14.34	19.25	4.91	MEDIUM-GRAINED CRYSTAL LAPILLI TUFF - abundant crystals and rare lapilli evident - mafic crystals altered to chlorite while matrix is altered to sericite - 7% pyrite, mainly as stringers - foliated at 35 deg to C.A.
19.25	20.20	0.95	SERICITE SCHIST - similar to schist in section 2.44 to 14.34 m - abundant clay and limonite

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FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
20.20	21.80	1.60	MEDIUM-GRAINED CRYSTAL LAPILLI TUFF - similar to tuff in section 14.34 to 19.25 m - 10 cm brecciated section with chloritic matrix
21.80	24.80	3.00	SERICITE SCHIST - similar to section 2.44 to 14.34, and section 19.25 to 20.20 m - abundant clay and limonite parallel to fractures at 15 deg to C.A.
24.80	40.00	15.20	DACITE LAPILLI TUFF - quite altered with abundant sericite and chlorite, also sections with very intense chlorite alteration - lapilli fragments are generally chloritized and pyritized, while the matrix is sericitized - intensely weathered sections are limonitic and clay altered - intense alteration gives the tuff a brecciated appearance - occasional quartz - calcite veinlet - 15% pyrite as disseminations, blebs and fine stringers
40.00	45.10	4.90	SERICITE SCHIST - intensely sericitized and foliated lapilli tuff - foliated at 40 deg to C.A. - relic lapilli evident - 15% pyrite as fine disseminations and stringers parallel to foliation - chalcopyrite occurs as blebs generally associated with quartz-calcite veins, chalcocite forms halos on pyrite and chalcopyrite as well as occurring as fine wisps
45.10	67.45	22.35	MEDIUM-GRAINED DACITE LAPILLI TUFF - moderately to intensely sericitized, unsheared, relatively low sulphide content - approximately 3% quartz-calcite veins usually with chalcopyrite - 65.25 to 67.45 - core is sheared, foliated and quite fractured at 40 deg - at 54.30 - 30 cm quartz - pyrite (10%)-chalcopyrite (5%) vein

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FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
67.45	78.65	11.20	LAMINATED DACITE LAPILLI-CRYSTAL TUFF - intensity of alteration as in previous sections - foliated / banded appearance - sericite bands with occasional chlorite band, pyrite veinlets and 2% quartz-carbonate veins - at 71.00 m 2 cm quartz-calcite vein followed by a 15 cm section of 25% disseminated and stringer coarse-grained pyrite - at 72.4 to 73.4 - numerous (10%) bull white quartz-calcite veins with 30% pyrite and a trace of chalcopyrite - at 75.4 m 10 cm quartz-calcite vein with 20% pyrite - at 75.9 m 7 cm bull white quartz-calcite vein
78.65	80.65	2.00	MEDIUM-GRAINED DACITE CRYSTAL TUFF - moderately chloritized and moderately sericitized with < 5% pyrite - black staining on fracture surfaces
80.65	82.63	1.98	DACITE CRYSTAL LAPILLI TUFF - intense sericitization as in section 67.45 to 78.65 - crystals and lapilli evident, 20% disseminated and stringer pyrite - chalcopyrite occurs in fine stringers which are bordered by chalcocite
82.63	86.50	3.87	MEDIUM-GRAINED ANDESITIC CRYSTAL TUFF - dark green, more chloritic than dacite tuff - chlorite gives characteristic dark green colour - pyrite content drops to < 10%
86.50	91.10	4.50	LAMINATED COARSE-GRAINED CRYSTAL TUFF - intense sericitization with 2% quartz-carbonate veining - abundant pyrite (15 to 20%) in 1 to 5 mm veins paralleling weak foliation at 30 deg to C.A., chalcocite rims pyrite veins
91.10	95.80	4.70	BRECCIATED CRYSTAL TUFF - 4.7 m section of brecciated, limonite stained tuff - blue-grey colour, 1 to 5% silicification, 15% pyrite veins and stringers with a trace of

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FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
			chalcopyrite - 91.1 to 92.1 - abundant shearing and limonitic clay at outer contact of breccia zone - 92.1 to 95.8 - quite broken up, 15 to 20% pyrite associated with chalcopyrite in 3 to 5 mm veins oriented at 20 to 60 deg to C.A. - abundant limonitic clay in fractures with zeolite filling fracture - this zone appears very similar to the sulphide breccia zone in holes K87-6 and 7, and possibly correlatable with hole K88-4 at 93.8 m depth
95.80	98.65	2.85	DACITE CRYSTAL TUFF - abundant sericite, 5% quartz-carbonate veins at 30 deg to C.A. - 10 to 15% pyrite veins to 5 mm wide - 97.3 to 98.65 - grades to a blue-grey colour similar to core in breccia zone
98.65	100.60	1.95	BRECCIATED CRYSTAL TUFF - 1.95 m of brecciated limonite stained tuff, similar but not as intensely brecciated nor as intensely altered as section 91.1 to 95.8 - 10% limonitic clay and fault gouge - 98.65 to 99.65 - 30% pyrite in veins up to 8 cm wide, with 5% chalcopyrite and 1% chalcocite - has same blue-grey colour as in section 91.1 to 95.8 - 99.65 to 100.6 - less sulphides, however still contains 15% pyrite veins with blebs of chalcopyrite, and has blue-grey colour
100.60	113.50	12.90	MEDIUM-GRAINED ANDESITIC CRYSTAL TUFF - dark green to grey colour, 5 to 15% quartz-calcite veins, chalcopyrite generally associated with quartz-calcite veins - fairly homogeneous, medium to dark grey, distinctive unit - becomes slightly lighter colour and more sericitic towards bottom - low pyrite content, < 10% - at 105.5 m 15 cm fractured limonitic clay altered minor fault-bleached - 106.5 to 106.8 - another fractured, limonitic clay altered fault

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FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
113.50	115.05	1.55	LAMINATED CRYSTAL TUFF / SERICITE SCHIST - banded sericite, pyrite veins (20%), and 2% quartz-calcite veins - chalcocite associated with pyrite veins - foliated at 30 deg to C.A. - limonite stained at lower contact
115.05	179.22	64.17	HOMOGENEOUS DACITIC TO ANDESITIC MEDIUM-GRAINED CRYSTAL TUFF - medium grey to green-grey colour, fairly homogeneous - from 151 to end of hole core is slightly laminated with an increase in pyrite content - 1 to 5% quartz-calcite veins which average 5 to 8% pyrite - traces of chalcopyrite occur as fine specks in quartz-calcite veins - at 157.60 m 2 cm quartz vein with a speck of tetrahedrite

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Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
885	9512.8	9395.2	1734.4	090	60	179.22		HIGH GRADE GOLD OCCURRENCES IN A-ZONE SOUTH. #HOL

FROM	Dist	WDTH	RQ	ROCKNAME	UNT	TXT	SI	QV	SE	CY	CH	EP	CB	GM	A1	A2	IN	PY	CP	SP	CC	NC	M1	M2
0	2.44			OVERBURDEN																				
2.44	4.44	2.0	25	SRCT SCHT				2	75	15							95	7			.1			
4.44	6.44	2.0	28	SRCT SCHT			1	5	65	3	1		.5				95	20	.5		1			
6.44	8.44	2.0	29	SRCT SCHT			1	5	65	5	1		.5				95	20	.2		.2			
8.44	10.44	2.0	36	SRCT SCHT				1	70		1		.5				95	20	.1		.2			
10.44	12.44	2.0	32	SRCT SCHT				1	70	.1	1		.5				95	20	.2		.2			
12.44	14.34	1.9	33	SRCT SCHT				1	70	.1	1		.5				95	20	.2		.2			
14.34	16.80	2.46	42	XTAL LPLL TUFF				1	75		5		1				90	7	.1		.1			
16.8	19.25	2.45	47	XTAL LPLL TUFF				1	75		5		1				90	7	.1		.1			
19.25	20.20	.95	25	SRCT SCHT				.1	60	30							100	7						
20.20	21.8	1.6	41	XTAL LPLL TUFF				1	75		5		1				90	7			.1			
21.8	23.8	2.0	30	SRCT SCHT				2	50	20	5						90	20			.5			
23.8	24.8	1.0	32	SRCT SCHT					25	70	1						95	3						
24.8	26.8	2.0	37	DCIT LPLL TUFF				1	75	1	3		.5				90	15	.1		1			
26.8	28.8	2.0	29	DCIT LPLL TUFF				1	55	10	10		.5				90	15	.1		1			
28.8	30.8	2.0	35	DCIT LPLL TUFF				1	70		10		.5				90	18	.2		1			
30.8	32.8	2.0	46	DCIT LPLL TUFF				1	65		10		1				85	15	.1		1			
32.8	34.8	2.0	33	DCIT LPLL TUFF				1	65		8		1				85	15	.1		1			
34.8	36.8	2.0	29	DCIT LPLL TUFF				.1	70		5		1				85	18	.2		2			
36.8	39	2.2	45	DCIT LPLL TUFF				1	70		5		1				85	15	.1		2			
39	40	1.0	32	DCIT LPLL TUFF				.5	80		2		1				90	15	.5		3			
40	41	1.0	33	SRCT SCHT				.5	80		1		1				95	15	.2		2			
41	43	2.0	40	SRCT SCHT			.5	.5	75		5		.5				95	15	.2		2			
43	45.1	2.1	45	SRCT SCHT			.5	.5	75		5		.5				95	12	.1		1			
45.1	47.1	2.0	44	DCIT LPLL TUFF		MG	1		75		1		1				90	10	.1		1			
47.1	49.1	2.0	43	DCIT LPLL TUFF		MG	1		80				1				90	10	.1		.5			
49.1	51.1	2.0	36	DCIT LPLL TUFF		MG	1		75		5		.2				90	15	.2		.2			
51.1	53.1	2.0	35	DCIT LPLL TUFF		MG			70		8						90	15	.1		.5			
53.1	54.25	1.15	32	DCIT LPLL TUFF		MG		.1	70		10		.1				90	10			.1			
54.25	55.25	1.0	40	DCIT LPLL TUFF		MG	1	30	40		5						90	18	1.5		.5			
55.25	57.25	2.0	44	DCIT LPLL TUFF		MG		1	80		8		.5				90	10			.1			
57.25	59.25	2.0	46	DCIT LPLL TUFF		MG		1	80		8		.5				90	8			.1			
59.25	61.25	2.0	36	DCIT LPLL TUFF		MG		2	80		5		2				90	5	.1		.1			
61.25	63.25	2.0	36	DCIT LPLL TUFF		MG		2	80		10		2				95	5						
63.25	65.25	2.0	25	DCIT LPLL TUFF		MG		2	80		10		2				95	5						
65.25	67.45	2.2	37	DCIT LPLL TUFF		MG		5	75		5		3				100	12	.1		.5			
67.45	69.45	2.0	41	DCIT LPLL XTAL		FG		1	80				.5				95	15			.1			
69.45	71.45	2.0	38	DCIT LPLL XTAL		FG		1	70		5		1				95	20			.2			
71.45	72.4	0.95	40	DCIT LPLL XTAL		FG		1	80		5		.1				95	12						
72.4	74.4	2.0	30	DCIT LPLL XTAL		FG		8	55		5		5				100	25	.2		1			
74.4	76.4	2.0	43	DCIT LPLL XTAL		FG		2	75	2	10		1				95	17			.1			
76.4	78.65	2.25	29	DCIT LPLL XTAL		MG		.5	75	1	1		.5				95	12			.1			
78.65	80.65	2.0	37	DCIT XTAL TUFF		MG			70	2	10		.5				90	3						
80.65	82.63	1.98	35	DCIT XTAL LPLL		FMG		.5	75				.5				95	20	.1		.2			
82.63	84.5	1.87	32	ANDS XTAL TUFF		MG		1	45		15		1				60	7						
84.5	86.5	2.0	43	ANDS XTAL TUFF		MG		1	55		25		1				80	5						
86.5	87.5	1.0	46	LMND XTAL TUFF		M-CG		1	65		5		1				90	25	.1		1			
87.5	88.5	1.0	42	LMND XTAL TUFF		M-CG		1	65		5		1				90	25	.1		1			
88.5	89.5	1.0	43	LMND XTAL TUFF		M-CG		1	70		3		1				90	15			.2			
89.5	90.5	1.0	39	LMND XTAL TUFF		M-CG		2	70		3		2				90	20	.1		.2			
90.5	91.1	0.60	43	LMND XTAL TUFF		M-CG		3	70		5		3				90	15	.1		.2			
91.1	92.1	1.0	18	BREC XTAL TUFF		MG		2	70	10							90	15			.2			

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Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
885	9512.8	9395.2	1734.4	090	60	179.22		HIGH GRADE GOLD OCCURRENCES IN A-ZONE SOUTH.

FROM	Dist	WDTH	RQ	ROCKNAME	UNT	TXT	SI	QV	SE	CY	CH	EP	CB	GM	A1	A2	IN	PY	CP	SP	CC	NC	M1	M2
92.1	93.1	1.0	30	BREC XTAL TUFF		MG	5	10	48	10			.5				100	25	1		1			
93.1	94.1	1.0	23	BREC XTAL TUFF		MG	3	8	55	5	2		.5				100	22	.5		1			
94.1	95.1	1.0	47	BREC XTAL TUFF		MG	1	2	70	3	5						100	15	.1		.5			
95.1	95.8	0.70	40	BREC XTAL TUFF		MG	2	3	65	5	2						100	15			.5			
95.8	97.3	1.5	29	DCIT XTAL TUFF		MG		5	70		1		3				80	12						
97.3	98.65	1.35	44	DCIT XTAL TUFF		MG		1	70	1	5		1				80	17			.5			
98.65	99.65	1.0	29	BREC XTAL TUFF		MG	3	2	50	10							100	30	.5		1			
99.65	100.6	0.95	42	BREC XTAL TUFF		MG	1	1	70		2						90	20	.2		.8			
100.6	102.6	2.0	47	ANDS XTAL TUFF		MG		5	50	1	8		2				60	8	.1					
102.6	104.6	2.0	49	ANDS XTAL TUFF		MG		3	30		10		1				50	10	.1					
104.6	106.6	2.0	39	ANDS XTAL TUFF		MG		.5	30	2	15		.5				40	8			.1			
106.6	108.6	2.0	38	ANDS XTAL TUFF		MG		1	50		8		.5				60	5						
108.6	110.6	2.0	47	ANDS XTAL TUFF		MG		1	50		5		.5				60	5	.2		.1			
110.6	112.6	2.0	43	ANDS XTAL TUFF		MG		3	50		8		1				60	7	.1					
112.6	113.5	.90	48	ANDS XTAL TUFF		MG		1	50		8		1				60	7	.1					
113.5	115.05	1.55	38	LMND XTAL TUFF		MG		1	70	3			1				80	20			.5			
115.05	117	1.95	48	DCIT XTAL TUFF				3	60	1	3		2				70	15	.1					
117	119	2.0	39	DCIT XTAL TUFF				3	60		3		2				70	4						
119	121	2.0	38	DCIT XTAL TUFF					60	1	5		3				70	6						
121	123	2.0	42	DCIT XTAL TUFF				1	65		3		3				75	10	.1		.2			
123	125	2.0	46	DCIT XTAL TUFF			1	1	60		5		3				70	12			.2			
125	127	2.0	35	DCIT XTAL TUFF					55	1	15		1				75	5						
127	129	2.0	28	DCIT XTAL TUFF				.5	60	1	10		.5				75	3						
129	131	2.0	31	DCIT XTAL TUFF					55		20		1				75	3						
131	133	2.0	32	DCIT XTAL TUFF			1	3	60	1	15		2				75	7						
133	135	2.0	32	DCIT XTAL TUFF				.5	65	1	8		2				75	5						
135	137	2.0	34	DCIT XTAL TUFF				.5	60		10		1				75	4						
137	139	2.0	37	DCIT XTAL TUFF				.5	55		15		2				75	3						
139	141	2.0	40	DCIT XTAL TUFF				1	55	1	10						65	2						
141	143	2.0	39	DCIT XTAL TUFF				1	55		10		2				70	3	.1					
143	145	2.0	37	DCIT XTAL TUFF				1	55		5		2				70	4						
145	147	2.0	41	DCIT XTAL TUFF				1	70		3		1				80	5						
147	149	2.0	43	DCIT XTAL TUFF				1	70		3		1				80	4						
149	151	2.0	47	DCIT XTAL TUFF				1	75	1	2		1				85	5						
151	153	2.0	44	DCIT XTAL TUFF				1	75		5		1				85	5	.1					
153	155	2.0	41	DCIT XTAL TUFF				3	70		8		1				85	10						
155	157	2.0	46	DCIT XTAL TUFF				.5	60		15		.2				85	12	.1					
157	159	2.0	35	DCIT XTAL TUFF				10	60		12		1				85	12	.1					
159	161	2.0	47	DCIT XTAL TUFF				1	75		8		1				85	8	.1					
161	163	2.0	50	DCIT XTAL TUFF				1	75		5		.5				85	12						
163	165	2.0	52	DCIT XTAL TUFF				.5	70		10		.5				75	10						
165	167	2.0	40	DCIT XTAL TUFF				.5	75		8		.5				85	8						
167	169	2.0	42	DCIT XTAL TUFF				3	75		2		.5				85	20						
169	171	2.0	40	DCIT XTAL TUFF				1	60		10		1				85	10	.1					
171	173	2.0	33	DCIT XTAL TUFF				3	80		15		2				85	15	.2					
173	175	2.0	35	DCIT XTAL TUFF				2	60		15		1				85	7	.1					
175	177	2.0	32	DCIT XTAL TUFF				1	60		10		1				85	10	.1					
177	179.22	2.22	33	DCIT XTAL TUFF				1	60		20		1				85	7	.1					

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Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	#HOLE
885	9512.8	9395.2	1734.4	090	60	179.22		HIGH GRADE GOLD OCCURRENCES IN A-ZONE SOUTH.	

FROM	Dist	SampNo	WDTH	REC	Au	Auoz	Ag	Agoz	Cu	Zn	Fe%	As	Mn	E1	E2
0	2.44														
2.44	4.44	9397	2.0	1.1	170		.7		1181	29	7.71	41	148		
4.44	6.44	9398	2.0	1.95	470		1.2		1837	94	8.34	32	751		
6.44	8.44	9399	2.0	1.93	170		.1		752	150	6.69	41	528		
8.44	10.44	9400	2.0	2.00	390		.6		1854	143	7.36	58	184		
10.44	12.44	9401	2.0	1.80	220		.1		472	104	3.7	18	2011		
12.44	14.34	9402	1.9	1.78	170		.6		2469	180	7.63	38	764		
14.34	16.80	9403	2.46	2.33	140		.1		56	129	3.32	8	4453		
16.8	19.25	9404	2.45	2.30	370		.1		125	144	3.27	8	3984		
19.25	20.20	9405	.95	0.95	470		.6		370	71	8.6	37	425		
20.20	21.8	9406	1.6	1.54	640		.1		233	172	3.64	23	3097		
21.8	23.8	9407	2.0	1.93	320		1.2		967	158	4.47	32	697		
23.8	24.8	9408	1.0	0.89	270		.1		866	328	10	26	1555		
24.8	26.8	9409	2.0	2.0	275		.3		613	218	6.11	31	2676		
26.8	28.8	9410	2.0	1.66	270		.1		1793	302	8.17	20	4079		
28.8	30.8	9411	2.0	1.96	160		.1		650	198	6.38	33	2586		
30.8	32.8	9412	2.0	1.97	90		.1		469	308	7.56	13	4652		
32.8	34.8	9413	2.0	1.91	230		.3		1408	216	7.05	24	2094		
34.8	36.8	9414	2.0	1.98	230		.7		1154	228	7.83	25	2490		
36.8	39	9415	2.2	2.02	130		.1		760	169	6.60	17	2691		
39	40	8401	1.0	0.98	280		.6		1465	99	7.09	27	1781		
40	41	8402	1.0	0.81	445		1.8		1662	83	6.60	28	1104		
41	43	9416	2.0	1.92	190		.1		500	156	6.83	19	2491		
43	45.1	9417	2.1	1.96	170		.1		545	177	6.11	19	2449		
45.1	47.1	9418	2.0	2.0	130		1.1		1650	118	5.42	45	966		
47.1	49.1	9419	2.0	1.95	100		.6		1164	77	4.98	64	908		
49.1	51.1	9420	2.0	1.98	110		.1		2117	17	5.84	51	269		
51.1	53.1	9421	2.0	1.92	130.		.1		1405	124	6.22	47	496		
53.1	54.25	9422	1.15	1.07	190		.7		1616	69	6.27	42	176		
54.25	55.25	8403	1.0	.89	1500	.079	26.2		8829	72	10.0	90	1179		
55.25	57.25	9423	2.0	1.9	100		.1		770	26	5.16	34	306		
57.25	59.25	9424	2.0	2.0	140		.1		1220	25	5.54	46	295		
59.25	61.25	9425	2.0	1.93	200		.1		547	135	4.78	20	2271		
61.25	63.25	9426	2.0	1.91	155		.1		414	301	4.51	13	2390		
63.25	65.25	9427	2.0	1.83	180		.1		251	383	4.08	17	2234		
65.25	67.45	9428	2.2	1.62	190		.1		523	238	3.2	18	3893		
67.45	69.45	9429	2.0	1.91	170		1.2		696	18	4.01	27	2323		
69.45	71.45	9430	2.0	1.98	340		2.1		1517	31	6.28	43	1401		
71.45	72.4	9431	0.95	.95	200		1.2		887	10	5.06	44	690		
72.4	74.4	8404	2.0	1.85	1060	.027	7.1		3053	47	10.0	97	2819		
74.4	76.4	9432	2.0	1.61	270		1.5		1539	61	5.63	39	2595		
76.4	78.65	9433	2.25	2.21	160		.1		925	10	5.16	22	623		
78.65	80.65	9434	2.0	1.8	60		.1		353	208	4.39	11	3873		
80.65	82.63	9435	1.98	1.94	1		.6		1827	12	5.88	31	479		
82.63	84.5	9436	1.87	1.87	170		.1		95	78	4.22	1	2259		
84.5	86.5	9437	2.0	1.97	160		.1		2065	69	4.8	12	1680		
86.5	87.5	9438	1.0	0.98	230		.5		2939	68	4.64	9	1384		
87.5	88.5	9439	1.0	0.98	540		1.1		538	32	5.73	20	1543		
88.5	89.5	9440	1.0	0.93	200		.1		71	38	4.5	9	2010		
89.5	90.5	9441	1.0	1.0	100		.1		984	19	5.08	20	1024		
90.5	91.1	9442	0.60	.54	220		.1		39	30	5.34	6	1752		
91.1	92.1	8405	1.0	.94	240		1.6		1127	133	6.08	0	285		

88-5

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
885	9512.8	9395.2	1734.4	090	60	179.22		HIGH GRADE GOLD OCCURRENCES IN A-ZONE SOUTH. #HOLE

FROM	Dist	SampNo	WDTH	REC	Au	Auoz	Ag	Agoz	Cu	Zn	Fe%	As	Mn	E1	E2
92.1	93.1	8406	1.0	.93	430		6.8		5308	76	7.71	0	189		
93.1	94.1	8407	1.0	.82	430		3.4		1044	49	6.33	0	340		
94.1	95.1	8408	1.0	.83	170		1.1		1136	45	4.64	0	472		
95.1	95.8	8409	0.70	.48	250		1.2		1230	78	6.45	0	517		
95.8	97.3	9443	1.5	1.45	120		.1		1203	28	5.16	24	825		
97.3	98.65	9444	1.35	1.24	80		1.2		1700	49	6.25	68	312		
98.65	99.65	8410	1.0	1.0	490		4.5		6631	60	10	0	123		
99.65	100.6	8411	0.95	.88	270		1.1		3112	22	5.07	0	401		
100.6	102.6	9445	2.0	1.97	400		.2		1589	100	4.02	11	1258		
102.6	104.6	9446	2.0	1.97	80		.2		2368	86	4.12	5	1042		
104.6	106.6	9447	2.0	1.74	60		.2		2508	80	4.15	9	855		
106.6	108.6	9448	2.0	1.87	85		.5		2110	101	3.87	9	847		
108.6	110.6	9449	2.0	2.0	90		.5		1918	102	4.62	11	1077		
110.6	112.6	9450	2.0	1.97	130		.2		1652	70	4.14	9	1377		
112.6	113.5	9451	.90	.87	105		.5		2913	51	4.25	9	1183		
113.5	115.05	9452	1.55	1.55	130		1.1		1884	74	4.29	15	742		
115.05	117	9453	1.95	1.95	130		2.1		3467	56	3.42	14	807		
117	119	9454	2.0	1.96	100		1.1		2385	61	3.47	8	1118		
119	121	9455	2.0	1.97	160		1.2		2844	55	3.79	12	897		
121	123	9456	2.0	1.98	280		1.2		2744	36	3.7	15	995		
123	125	9457	2.0	1.96	450		2.5		2070	243	4.75	20	1816		
125	127	9458	2.0	1.66	380		1.1		1416	352	4.45	20	1876		
127	129	8436	2.0	1.70	360		.9		283	207	3.59	22	1347		
129	131	8437	2.0	1.60	85		.1		163	88	3.17	3	1433		
131	133	9459	2.0	1.94	230		.1		788	71	3.52	9	1496		
133	135	8438	2.0	1.92	110		.1		699	31	2.27	10	642		
135	137	8439	2.0	1.86	90		.1		488	48	2.28	11	750		
137	139	8440	2.0	1.90	280		.1		116	59	2.53	13	1145		
139	141	8441	2.0	2.0	75		.4		250	48	2.54	13	845		
141	143	8442	2.0	1.95	155		.1		737	20	2.47	13	352		
143	145	8443	2.0	1.60	110		.4		636	29	2.20	8	474		
145	147	8444	2.0	1.98	220		.4		1165	39	2.78	12	609		
147	149	8445	2.0	2.0	150		.4		819	46	2.44	13	732		
149	151	8446	2.0	2.0	150		.4		802	19	3.25	17	601		
151	153	8447	2.0	1.97	140		.4		1200	43	2.56	14	917		
153	155	9460	2.0	1.99	390		1.1		1756	68	6.32	18	1236		
155	157	9461	2.0	2.0	160		.5		594	84	6.1	16	1310		
157	159	9462	2.0	2.0	140		.1		222	47	3.83	13	775		
159	161	9463	2.0	2.0	200		.1		118	49	4.45	7	1256		
161	163	9464	2.0	1.90	110		.1		469	8	5.99	20	649		
163	165	9465	2.0	1.85	140		.1		566	27	5.00	14	812		
165	167	9466	2.0	2.0	105		.1		429	6	5.59	16	623		
167	169	9467	2.0	1.90	180		.1		914	2	8.21	31	217		
169	171	9468	2.0	1.88	370		.1		697	57	4.33	9	1376		
171	173	9469	2.0	1.80	90		.1		1172	44	5.39	15	1208		
173	175	9470	2.0	1.93	60		.1		779	80	5.51	1	2198		
175	177	9471	2.0	1.70	230		.1		1090	43	5.66	14	1340		
177	179.22	9472	2.22	1.87	280		.1		1015	46	4.14	11	1363		

VANGEOCHEM LAB LIMITED

MAIN OFFICE
MAIN OFFICE AND LABORATORY
1966 Triumph Street
Vancouver, B.C. V5L 1K5
(604)251-5656 FAX:254-5717

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 880710 AA JOB NUMBER: 880710 WESTERN CDN. MINING CORP.

SAMPLE #	Au oz/st
C88 - 8403	.079
C88 - 8404	.027

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed:

REPORT #: 880710 PA WESTERN CANADIAN

Sample Number	Ag	Al	As	AuFA	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C88 - 8401	0.6	1.45	27	280	<3	26	<3	1.70	0.8	29	26	1465	7.09	0.10	1.18	1781	26	0.01	22	0.16	24	<3	<5	<2	<2	40	<5	<3	99
C88 - 8402	1.8	1.16	28	445	<3	30	<3	1.20	1.1	27	28	1662	6.60	0.08	0.70	1104	20	0.01	16	0.22	19	<3	<5	<2	<2	29	<5	<3	83
C88 - 8403	26.2	0.48	90	1500	<3	17	13	0.77	1.7	22	47	8829	>10.00	0.06	0.17	1179	51	0.01	4	0.11	37	<3	<5	<2	<2	13	<5	<3	72
C88 - 8404	7.1	0.72	97	1060	<3	26	11	2.50	1.7	15	80	3053	>10.00	0.15	0.32	2819	17	0.01	6	0.15	42	<3	<5	<2	<2	48	<5	<3	47
Minimum Detection	0.1	0.01	3	5	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	1000	10000	1000	1000	1000	20.00	100.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	1000	100	10000	100	1000	20000

(= Less than Minimum is = Insufficient Sample ns = No sample) = Greater than Maximum AuFA = Fire assay/AAS

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VANGEOCHEM LAB LIMITED
1988 TRIUMPH STREET
VANCOUVER, B.C. V5L 1K5
(604) 251-5656 FAX (604) 254-5717

REPORT #: 881151 PA WESTERN CANADIAN MINING CORP.

Sample Number	Ag ppm	Al %	As ppm	AuFA ppb	Au ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
C88 - 8405	1.6	0.35	<3	240	<3	17	<3	0.46	1.6	15	18	1127	6.08	0.07	0.06	285	16	0.02	9	0.17	101	<3	<5	<2	<2	12	<5	<3	133
C88 - 8406	6.8	0.43	<3	430	<3	13	3	0.35	1.6	16	57	5308	7.71	0.06	0.05	189	25	0.02	6	0.14	50	<3	<5	68	<2	11	<5	<3	76
C88 - 8407	3.4	0.48	<3	430	<3	15	<3	0.53	1.1	18	54	1044	6.33	0.08	0.06	340	15	0.02	7	0.19	49	<3	<5	10	<2	11	<5	<3	49
C88 - 8408	1.1	0.89	<3	170	<3	20	<3	0.64	1.5	<1	70	1136	4.64	0.10	0.17	472	10	0.01	7	0.22	24	<3	<5	<2	<2	13	<5	<3	45
C88 - 8409	1.2	0.59	<3	250	<3	24	<3	0.78	1.2	16	44	1230	6.45	0.10	0.25	517	6	0.01	7	0.22	31	<3	<5	<2	<2	17	<5	<3	78
C88 - 8410	4.5	0.51	<3	490	<3	13	12	0.28	1.7	16	90	6631	>10.00	0.05	0.05	123	36	0.02	8	0.15	56	<3	<5	59	<2	13	<5	<3	60
C88 - 8411	1.1	0.75	<3	270	<3	15	<3	1.43	0.8	19	61	3112	5.07	0.16	0.12	401	13	0.01	9	0.17	23	<3	<5	<2	<2	52	<5	<3	22
Minimum Detection	0.1	0.01	3	5	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	1000	10000	1000	1000	1000	20.00	100.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	1000	100	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VANGEOCHEM LAB LIMITED
1988 TRIUMPH STREET
VANCOUVER, B.C. V5L 1K5
(604) 251-5656 FAX (604) 254-5717

REPORT #: 881151 PA

WESTERN CANADIAN MINING CORP.

Sample Number	Ag ppm	Al %	As ppm	AuFA ppb	Au ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm
C88-8436	0.9	2.02	22	380	<3	25	<3	0.81	1.1	14	50	283	3.59	0.14	2.00	1347	1	0.02	8	0.16	35	<3	<5	<2	4	97	<5	<3
C88-8437	0.1	2.54	<3	85	<3	834	<3	1.56	0.8	14	48	163	3.17	0.25	2.52	1433	1	0.01	8	0.17	27	<3	<5	<2	4	105	<5	<3
Minimum Detection	0.1	0.01	3	5	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3
Maximum Detection	50.0	10.00	1000	10000	1000	1000	1000	20.00	100.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	1000	100	10000	100	1000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

Sample Number	Ag	Al	As	AuFA	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C88-8438	0.1	0.73	10	110	<3	14	<3	1.45	0.2	13	42	699	2.27	0.01	0.52	642	6	0.01	7	0.15	27	<3	<5	<2	2	64	<5	<3	31
C88-8439	0.1	1.12	11	90	<3	20	<3	1.27	0.3	15	50	488	2.28	0.01	0.85	750	5	0.01	6	0.17	38	<3	<5	<2	3	64	<5	<3	48
C88-8440	0.1	1.56	13	280	<3	31	7	1.87	0.7	12	33	116	2.53	0.01	1.54	1145	3	0.01	8	0.13	23	<3	<5	<2	3	106	<5	<3	59
C88-8441	0.4	1.42	13	75	<3	20	7	1.16	0.2	15	37	250	2.54	0.01	1.30	845	4	0.01	7	0.15	36	<3	<5	<2	4	165	<5	<3	48
C88-8442	0.1	0.58	13	155	<3	11	<3	0.76	0.2	19	39	737	2.47	0.21	0.33	352	33	0.01	6	0.17	33	<3	<5	<2	2	83	<5	<3	20
C88-8443	0.4	0.80	8	110	<3	15	<3	0.84	0.1	19	40	636	2.20	0.01	0.60	474	16	0.01	6	0.16	39	<3	<5	<2	3	181	<5	<3	29
C88-8444	0.4	1.18	12	220	<3	13	5	0.60	0.5	22	39	1165	2.78	0.09	1.09	609	11	0.01	8	0.16	31	<3	<5	<2	3	134	<5	<3	39
C88-8445	0.4	0.90	13	150	<3	15	4	1.11	0.2	17	37	819	2.44	0.01	0.66	732	7	0.01	7	0.17	31	<3	<5	<2	2	44	<5	<3	46
C88-8446	0.4	0.64	17	150	<3	9	<3	1.40	0.3	21	30	802	3.25	0.01	0.39	601	11	0.01	5	0.19	27	<3	<5	<2	2	57	<5	<3	19
C88-8447	0.4	1.28	14	140	<3	17	4	1.28	0.3	16	41	1200	2.56	0.01	1.10	917	18	0.01	8	0.18	30	<3	<5	<2	3	46	<5	<3	42
Minimum Detection	0.1	0.01	3	5	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	1000	10000	1000	1000	1000	20.00	100.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	1000	100	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VANGEOCHEM LAB LIMITED
1988 TRIUMPH STREET
VANCOUVER, B.C. V5L 1K5

K88-5

REPORT #: BB0792 PA WESTERN CANADIAN

Sample Number	Ag	Al	As	AuFA	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C88 - 9397	0.7	0.37	41	170	<3	12	3	0.07	1.5	30	30	1181	7.71	0.04	0.12	148	6	0.01	31	0.17	17	<3	<5	<2	<2	5	<5	<3	29
C88 - 9398	1.2	1.07	32	470	<3	14	3	0.36	1.8	34	42	1837	8.34	0.06	0.70	751	7	0.01	32	0.19	21	<3	<5	<2	<2	14	<5	<3	94
C88 - 9399	0.1	0.83	41	170	<3	14	<3	0.52	2.0	33	55	752	6.69	0.08	0.45	528	6	0.01	23	0.17	39	<3	<5	<2	<2	9	<5	<3	150
C88 - 9400	0.6	0.48	58	390	<3	12	<3	0.41	1.8	40	39	1854	7.36	0.08	0.14	184	11	0.01	29	0.17	33	<3	<5	<2	<2	6	<5	<3	143
C88 - 9401	0.1	0.95	18	220	<3	34	<3	3.36	1.0	17	21	472	3.70	0.28	0.50	2011	2	0.01	8	0.11	20	<3	<5	<2	<2	62	<5	<3	104
C88 - 9402	0.6	0.60	38	170	<3	12	<3	1.04	2.4	38	40	2469	7.63	0.13	0.21	764	12	0.01	24	0.17	29	<3	<5	<2	<2	19	<5	<3	180
C88 - 9403	0.1	1.62	8	140	<3	91	<3	6.19	0.8	7	24	56	3.32	0.38	0.99	4453	1	0.01	3	0.12	12	<3	<5	<2	<2	138	<5	<3	129
C88 - 9404	0.1	1.75	8	370	<3	106	<3	5.24	0.4	11	30	125	3.27	0.37	1.10	3984	2	0.01	3	0.12	5	<3	<5	<2	<2	116	<5	<3	144
C88 - 9405	0.6	0.73	37	470	<3	400	3	0.05	1.7	6	32	370	8.60	0.04	0.27	425	5	0.01	1	0.23	17	<3	<5	<2	<2	37	<5	<3	71
C88 - 9406	0.1	1.37	23	640	<3	45	<3	3.71	1.5	12	31	233	3.64	0.29	0.98	3097	2	0.01	4	0.12	6	<3	<5	<2	<2	84	<5	<3	172
C88 - 9407	1.2	1.09	32	320	<3	33	<3	0.38	1.1	20	33	967	4.47	0.05	0.56	697	15	0.01	13	0.19	55	<3	<5	<2	<2	21	<5	<3	158
C88 - 9408	0.1	2.50	26	270	<3	108	5	0.16	2.8	16	29	866	>10.00	0.05	1.59	1555	9	0.02	8	0.33	46	<3	<5	<2	<2	16	<5	<3	328
C88 - 9409	0.3	2.10	31	275	<3	15	3	1.09	2.0	24	39	613	6.11	0.12	1.99	2676	6	0.01	13	0.16	25	<3	<5	<2	<2	32	<5	<3	218
C88 - 9410	0.1	3.52	20	270	<3	20	4	1.41	2.1	31	87	1793	8.17	0.15	3.62	4079	20	0.01	31	0.18	28	<3	<5	<2	<2	46	<5	<3	302
C88 - 9411	0.1	2.16	33	160	<3	12	4	2.03	1.5	33	53	650	6.38	0.20	2.15	2586	9	0.01	20	0.16	24	<3	<5	<2	<2	58	<5	<3	198
C88 - 9412	0.1	3.99	13	90	<3	14	4	2.61	2.0	35	104	469	7.56	0.22	4.39	4652	7	0.01	34	0.15	24	<3	<5	<2	<2	76	<5	<3	308
C88 - 9413	0.3	1.92	24	230	<3	15	4	1.12	2.2	37	53	1408	7.05	0.13	1.74	2094	19	0.01	19	0.18	34	<3	<5	<2	<2	29	<5	<3	216
C88 - 9414	0.7	2.31	25	230	<3	16	4	1.58	2.2	41	63	1154	7.83	0.18	2.12	2490	19	0.01	22	0.18	42	<3	<5	<2	<2	33	<5	<3	228
C88 - 9415	0.1	2.00	17	130	<3	21	3	2.67	1.5	33	39	760	6.60	0.24	1.92	2691	9	0.01	20	0.17	19	<3	<5	<2	<2	62	<5	<3	169
C88 - 9416	0.1	1.86	19	190	<3	13	3	2.82	1.5	30	21	500	6.83	0.25	1.85	2491	8	0.01	14	0.18	16	<3	<5	<2	<2	82	<5	<3	156
C88 - 9417	0.1	2.15	19	170	<3	13	4	2.34	1.5	26	39	545	6.11	0.22	2.36	2449	8	0.01	24	0.15	34	<3	<5	<2	<2	268	<5	<3	177
C88 - 9418	1.1	0.78	45	130	<3	24	<3	1.63	2.0	23	25	1650	5.42	0.18	0.60	966	19	0.01	5	0.21	31	<3	<5	<2	<2	35	<5	<3	118
C88 - 9419	0.6	0.66	64	100	<3	24	<3	1.70	1.7	24	34	1164	4.98	0.17	0.35	908	18	0.01	5	0.18	38	<3	<5	<2	<2	29	<5	<3	77
C88 - 9420	0.1	0.40	51	110	<3	21	<3	0.84	1.3	21	40	2117	5.84	0.10	0.05	269	21	0.01	5	0.21	22	<3	<5	<2	<2	12	<5	<3	17
C88 - 9421	0.1	0.57	47	130	<3	16	3	0.61	1.7	26	36	1405	6.22	0.09	0.12	496	23	0.02	5	0.20	15	<3	<5	<2	<2	9	<5	<3	124
C88 - 9422	0.7	0.51	42	190	<3	20	<3	0.54	1.8	28	39	1616	6.27	0.08	0.15	176	24	0.01	4	0.22	14	<3	<5	<2	<2	7	<5	<3	69
C88 - 9423	0.1	0.50	34	100	<3	20	<3	0.84	1.0	25	48	770	5.16	0.11	0.04	306	18	0.01	4	0.20	14	<3	<5	<2	<2	14	<5	<3	26
C88 - 9424	0.1	0.48	46	140	<3	21	<3	0.74	0.9	24	45	1220	5.54	0.09	0.12	295	15	0.01	5	0.20	8	<3	<5	<2	<2	13	<5	<3	25
C88 - 9425	0.1	0.91	20	200	<3	15	3	4.33	1.5	18	15	547	4.78	0.32	0.78	2271	6	0.01	4	0.16	30	<3	<5	<2	<2	103	<5	<3	135
C88 - 9426	0.1	1.49	13	155	<3	15	<3	4.32	4.1	18	31	414	4.51	0.33	1.38	2390	4	0.01	4	0.16	78	<3	<5	<2	<2	119	<5	<3	301
C88 - 9427	0.1	1.37	17	180	<3	22	<3	3.33	5.5	16	36	251	4.08	0.28	1.20	2234	4	0.01	5	0.15	39	<3	<5	<2	<2	92	<5	<3	383
C88 - 9428	0.1	1.12	18	190	<3	25	<3	3.88	1.9	15	37	523	3.20	0.31	0.68	3893	9	0.01	4	0.14	28	<3	<5	<2	<2	104	<5	<3	238
C88 - 9429	1.2	0.34	27	170	<3	24	<3	2.74	0.8	18	27	696	4.01	0.25	0.04	2323	12	0.01	5	0.18	24	<3	<5	<2	2	48	<5	<3	18
C88 - 9430	2.1	0.45	43	340	<3	17	3	1.28	1.4	20	30	1517	6.28	0.15	0.12	1401	15	0.01	6	0.16	20	<3	<5	<2	2	24	<5	<3	31
C88 - 9431	1.2	0.35	44	200	<3	18	<3	0.94	1.1	18	40	887	5.06	0.12	0.04	690	11	0.01	10	0.18	20	<3	<5	<2	2	16	<5	<3	10
C88 - 9432	1.5	0.33	39	270	<3	16	<3	1.80	1.7	21	35	1539	5.63	0.18	0.03	2595	12	0.01	7	0.15	46	<3	<5	<2	2	54	<5	<3	61
C88 - 9433	0.1	0.38	22	160	<3	17	<3	1.92	0.9	18	37	925	5.16	0.20	0.06	623	15	0.01	9	0.17	25	<3	<5	<2	3	44	<5	<3	10
C88 - 9434	0.1	2.21	11	60	<3	66	3	1.31	1.6	28	42	353	4.39	0.14	1.92	3873	4	0.01	12	0.16	13	<3	<5	<2	<2	40	<5	<3	208
C88 - 9435	0.6	0.39	31	<5	<3	11	3	1.44	1.1	18	20	1827	5.88	0.15	0.17	479	9	0.01	6	0.18	16	<3	<5	<2	3	37	<5	<3	12
Minimum Detection	0.1	0.01	3	5	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	1000	10000	1000	1000	1000	20.00	100.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	1000	100	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

K88-5

REPORT #: 880792 PA WESTERN CANADIAN

Sample Number	Ag ppm	Al %	As ppm	AuFA ppb	Au ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
C88 - 9436	0.1	1.85	<3	170	<3	60	3	5.19	0.8	15	35	95	4.22	0.36	1.63	2259	1	0.01	7	0.14	2	<3	<5	<2	<2	154	<5	<3	78
C88 - 9437	0.1	1.28	12	160	<3	26	<3	4.24	1.1	16	26	2065	4.80	0.34	1.04	1680	22	0.01	6	0.16	12	<3	<5	<2	<2	147	<5	<3	69
C88 - 9438	0.5	0.98	9	230	<3	20	3	3.45	1.1	12	38	2939	4.64	0.30	0.86	1384	11	0.01	6	0.16	15	<3	<5	<2	<2	112	<5	<3	68
C88 - 9439	1.1	0.64	20	540	<3	20	<3	3.92	1.1	12	38	538	5.73	0.32	0.36	1543	14	0.01	4	0.16	24	<3	<5	<2	<2	126	<5	<3	32
C88 - 9440	<0.1	0.68	9	200	<3	31	<3	4.50	0.6	13	31	71	4.50	0.34	0.50	2010	3	0.01	6	0.11	13	<3	<5	<2	<2	128	<5	<3	38
C88 - 9441	0.1	0.35	20	100	<3	22	<3	2.84	0.8	13	20	984	5.08	0.27	0.17	1024	17	0.01	5	0.16	17	<3	<5	<2	<2	90	<5	<3	19
C88 - 9442	0.1	0.51	6	220	<3	18	<3	4.19	0.6	9	38	39	5.34	0.34	0.32	1752	6	0.01	5	0.11	24	<3	<5	<2	<2	138	<5	<3	30
C88 - 9443	0.1	0.34	24	120	<3	21	<3	3.25	1.1	17	24	1203	5.16	0.30	0.10	825	11	0.01	5	0.17	21	<3	<5	<2	<2	139	<5	<3	28
C88 - 9444	1.2	0.35	68	80	<3	18	3	1.08	1.8	19	36	1700	6.25	0.14	0.04	312	23	0.01	7	0.17	37	<3	<5	<2	<2	29	<5	<3	49
C88 - 9445	0.2	1.52	11	400	<3	32	3	2.20	1.2	16	33	1589	4.02	0.22	1.33	1258	13	0.01	10	0.17	23	<3	<5	<2	<2	78	<5	<3	100
C88 - 9446	0.2	1.77	5	80	<3	46	3	1.72	1.3	20	33	2368	4.12	0.17	1.62	1042	24	0.01	10	0.17	25	<3	<5	<2	<2	75	<5	<3	86
C88 - 9447	0.2	1.41	9	60	<3	40	3	1.18	1.2	14	28	2508	4.15	0.14	1.21	855	19	0.01	5	0.19	9	<3	<5	<2	<2	45	<5	<3	80
C88 - 9448	0.5	1.37	9	85	<3	34	3	0.98	1.1	15	27	2110	3.87	0.13	1.12	847	17	0.01	6	0.17	15	<3	<5	<2	<2	37	<5	<3	101
C88 - 9449	0.5	1.54	11	90	<3	32	4	1.77	1.2	17	26	1918	4.62	0.17	1.38	1077	11	0.01	7	0.17	10	<3	<5	<2	<2	82	<5	<3	102
C88 - 9450	0.2	1.20	9	130	<3	24	3	2.99	0.8	15	27	1652	4.14	0.29	0.97	1377	20	0.01	7	0.17	11	<3	<5	<2	<2	136	<5	<3	70
C88 - 9451	0.5	1.02	9	105	<3	22	3	2.83	1.1	15	31	2913	4.25	0.27	0.81	1183	16	0.01	7	0.17	17	<3	<5	<2	<2	117	<5	<3	51
C88 - 9452	1.1	0.56	15	130	<3	17	3	1.75	1.3	15	32	1884	4.29	0.19	0.32	742	26	0.01	8	0.16	81	<3	<5	<2	<2	70	<5	<3	74
C88 - 9453	2.1	0.86	14	130	<3	22	<3	1.88	1.1	16	36	3467	3.42	0.20	0.48	807	67	0.01	5	0.17	17	<3	<5	<2	<2	83	<5	<3	56
C88 - 9454	1.1	0.96	8	100	<3	20	<3	2.72	1.1	17	26	2385	3.47	0.27	0.70	1118	16	0.01	6	0.16	20	<3	<5	<2	<2	110	<5	<3	61
C88 - 9455	1.2	0.60	12	160	<3	19	<3	2.09	1.2	17	19	2844	3.79	0.22	0.34	897	11	0.01	5	0.17	17	<3	<5	<2	<2	78	<5	<3	55
C88 - 9456	1.2	0.48	15	280	<3	24	<3	2.56	0.8	20	37	2744	3.70	0.25	0.19	995	10	0.01	8	0.17	14	<3	<5	<2	<2	66	<5	<3	36
C88 - 9457	2.5	0.86	20	450	<3	22	3	3.47	2.7	16	25	2070	4.75	0.32	0.56	1816	17	0.01	6	0.16	18	<3	<5	<2	<2	92	<5	<3	243
C88 - 9458	1.1	1.58	20	380	<3	69	3	2.37	3.5	19	20	1416	4.45	0.22	1.26	1876	9	0.01	5	0.16	18	<3	<5	<2	<2	60	<5	<3	352
C88 - 9459	0.1	1.77	9	230	<3	47	<3	2.34	1.1	15	35	788	5.52	0.24	1.73	1496	3	0.01	8	0.14	5	<3	<5	<2	<2	66	<5	<3	71
C88 - 9460	1.1	1.20	18	390	<3	10	4	2.02	1.1	44	28	1756	6.32	0.20	1.04	1236	22	0.01	21	0.16	17	<3	<5	<2	<2	51	<5	<3	68
C88 - 9461	0.5	1.51	16	160	<3	14	5	1.62	1.1	37	38	594	6.10	0.19	1.41	1310	9	0.01	28	0.17	14	<3	<5	<2	<2	30	<5	<3	84
C88 - 9462	0.1	1.00	13	140	<3	27	3	1.21	0.8	23	29	222	3.83	0.15	0.81	775	5	0.01	20	0.17	29	<3	<5	<2	2	28	<5	<3	47
C88 - 9463	0.1	1.04	7	200	<3	29	3	3.16	0.8	28	38	118	4.45	0.30	0.83	1256	5	0.01	23	0.16	11	<3	<5	<2	<2	59	<5	<3	49
C88 - 9464	0.1	0.46	20	110	<3	13	<3	2.50	0.8	27	33	469	5.99	0.25	0.12	649	18	0.01	24	0.17	36	<3	<5	<2	<2	57	<5	<3	8
C88 - 9465	0.1	0.83	14	140	<3	19	3	2.16	0.6	30	36	566	5.00	0.20	0.50	812	12	0.01	23	0.19	5	<3	<5	<2	<2	39	<5	<3	27
C88 - 9466	0.1	0.39	16	105	<3	14	<3	2.47	0.6	31	37	429	5.59	0.24	0.08	623	6	0.01	22	0.20	20	<3	<5	<2	<2	44	<5	<3	6
C88 - 9467	0.1	0.34	31	180	<3	8	4	1.13	1.2	27	48	914	8.21	0.14	0.04	217	26	0.01	28	0.17	14	<3	<5	<2	2	33	<5	<3	2
C88 - 9468	0.1	1.47	9	370	<3	19	<3	2.67	0.8	23	45	697	4.33	0.26	1.08	1376	6	0.01	15	0.17	5	<3	<5	<2	<2	67	<5	<3	57
C88 - 9469	0.1	1.27	15	90	<3	16	3	1.86	1.1	28	49	1172	5.39	0.20	0.83	1208	12	0.01	24	0.17	8	<3	<5	<2	<2	38	<5	<3	44
C88 - 9470	0.1	2.70	<3	60	<3	32	4	1.77	1.2	28	49	779	5.51	0.19	2.22	2198	9	0.01	23	0.17	8	<3	<5	<2	<2	34	<5	<3	80
C88 - 9471	0.1	1.29	14	230	<3	13	3	2.77	1.1	28	46	1090	5.66	0.27	1.08	1340	18	0.01	24	0.17	16	<3	<5	<2	<2	44	<5	<3	43
C88 - 9472	0.1	1.54	11	280	<3	18	<3	2.67	0.8	21	49	1015	4.14	0.26	1.33	1363	12	0.01	23	0.17	11	<3	<5	<2	<2	61	<5	<3	46