803688

KERR PROJECT D.D.HOLE K-88-11

LOCATION B-ZONE 100 m SOUTH OF K88-1 COLLAR LAT. 9570.1 NORTH
DATE STARTED JULY 19, 1988 LONG. 9810.9 EAST
DATE COMPLETED JULY 21, 1988 ELEVATION 1634.3 m
CORE RECOVERY 68.10% AZIMUTH 090 DIP -60 deg
DRILLED BY FALCON DRILLING LTD. LENGTH 212.75 m
LOGGED BY S. CASSELMAN HOR. PROJ. 106.38 m
OBJECTIVE Intersect B-Zone Fault Mineralization
VERT. PROJ. 184.25 m
DIP TEST DEPTH _____ DIP _____deg
DEPTH _____m DIP _____deg

FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
0.00	3.05	3.05	OVERBURDEN
3.05	7.00	3.95	SERICITE SCHIST - overall light grey to medium grey-green - strong foliation at 50 deg to C.A. - intensely sericitized, minor chlorite - 20% pyrite as stringers paralleling foliation, and as fine disseminations - .5% chalcocite associated with pyrite stringers - occasional silica band
7.00	11.75	4.75	HORNBLENDE PORPHYRY DIORITE DYKE - chloritized hornblende crystals become prominent towards contact with fault - also overall more chloritic towards fault - abundant limonitic clay on fracture surfaces - surfaces at 50 deg to 65 deg to C.A.
11.75	15.50	3.75	FAULT SERICITE SCHIST - light grey, very intense sericitization - 40% fault gouge, foliation at 65 deg to C.A. - 20% pyrite, 1% chalcocite - intense shearing near more competent dyke
15.50	48.40	32.90	SERICITE SCHIST - as in 3.05 - 11.75 m - well foliated at 55 deg to C.A. - intense sericite, minor chlorite and silica - 20% pyrite as stringers, 1% chalcocite - light blue grey colour
48.40	51.00	2.60	ANDESITE DYKE - medium to dark green, fine-grained to aphanitic - moderate to intense chloritization - 1% calcite veins and stringers

KERR PROJECT D.D.HOLE K-88-11

FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
			- upper contact at 60 deg, lower contact at 60 deg - contains 1 quartz vein with weathered vugs of limonite (2 cm wide), and a 20 cm section of quartz-clay limonite vugs
51.00	63.00	12.00	QUARTZ-SERICITE SCHIST - sericite schist as above, however, much more siliceous, more pyrite, and more chalcopyrite - 3 to 15% quartz veining, 20 to 30% sulphides (pyrite, chalcopyrite, chalcocite) - some calcite (< 1%) - well foliated at 40 deg to C.A. - 3 to 7 % copper minerals - silica is blue grey colour which is interesting in that it is believed to carry gold - unit is quite fractured, average core length of about 15 cm - grades into fault zone from throughout interval - fault zone is arbitrarily chosen as 63.0 m; after which average core length drops to approximately 5 to 10 cm
63.00	111.00	48.00	FAULT ZONE - QUARTZ SERICITE - PYRITE-CHALCOCITE - CHALCOPYRITE SCHIST - intensely fractured quartz - sericite-pyrite - chalcocite - chalcopyrite schist - average size 5 cm - numerous pyrite veins, stringers, blebs, and irregular masses generally with chalcocite coating or association - pitted surface to core - blue-grey colour - occasional sections with intense limonite staining - rare fractures filled with powdery white mineral-gypsum (?) - from 84 to 111 and from 120 to recovery is less than 30% - rock is extremely fractured-average core size is approximately 2-5 cm wide - abundant limonite in fractures - secondary stockwork quartz veining with contained chalcocite

KERR PROJECT D.D.HOLE K-88-11

FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
111.00	120.00	9.00	QUARTZ - SERICITE - PYRITE - CHALCOPYRITE-CHALCOCITE STOCKWORK - 20 - 45% quartz - with 20 to 30% pyrite - 1 to 3% chalcopyrite - 1 to 4% chalcocite - sulfide grey colour with white to blue-grey quartz - massive, quite competent - good recovery
120.00	132.00	12.00	QUARTZ-SERICITE-PYRITE SCHIST - FAULT ZONE - as in 63 - 114 - major core loss between (129.84 to 130.45) where there was no recovery - trace malachite at 132 m
132.00	135.90	3.90	SERICITIZED SULPHIDE BRECCIA ZONE - complete core loss between 132.2 to 133.5 (large cavity) - rather competent (silicified) section with good core recovery - approximately 20% pyrite, .5 to 1% chalcopyrite, and 3% chalcocite - 2 mm quartz breccia fragments characteristic of unit - unit appears as a previous fault zone annealed with quartz and sulphides
135.90	147.20	11.30	QUARTZ SERICITE PYRITE SCHIST - unit has cored well but intense fracturing of some sections has resulted in much broken core - actual recoveries are probably better than can be estimated visually - almost all pieces are angular and can be fitted back together with others close by, indicating they were not turning inside the core tube and were therefore cored as rock 'in place' - the core fell 'apart' into pieces only after being removed from the core tube - unit resembles a sericitized and silicified laminated dacitic (?) tuff - core angles of 48 deg at 138.4 m 46 deg at 143.2 m - 5 cm band of massive pyrite coated with a dusting of chalcocite - gypsum traces along fractures from 137.4 to 139 m

KERR PROJECT D.D.HOLE K-88-11

FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
			- protolith resembles interbedded dacite crystal tuff and lapilli tuff
147.20	152.10	4.90	QUARTZ-SERICITE-MARIPOSITE-PYRITE SCHIST - gradational contacts - protolith is probably dacitic crystal tuff or fine-grained plagioclase porphyry equivalent - a rather competent piece of core at 151.9 m would indicate the host is quite brecciated - noticeable increase in pyrite
152.10	160.93	8.83	CHALCOCITE QUARTZ ZONE - abundant dusting of pyrite grains with chalcocite especially along foliation planes (1 to 5%) marks this sub-unit of quartz sericite pyrite schist - blue grey coloured unit with minor disseminated hematite and chlorite (159.6 m) - protolith is well foliated and altered dacitic crystal tuff or fine-grained equivalent of plagioclase porphyry - 2-5 cm quartz sulphide breccia layers are evident, however, core is quite badly broken and the only intact band is at 153.0 m - angular quartz clasts are cement with pyrite (clast supported) - chalcopyrite is not readily visible, however, discoloration of pyrite and more irregular masses of pyrite may suggest that it is in exsolution with pyrite
160.93	163.80	2.87	QUARTZ-SERICITE-PYRITE SCHIST - protolith is as above and below - resembles highly altered plagioclase porphyry and its fine-grained equivalent and/or dacitic crystal tuff - unit is evenly pyritized and takes on a blue grey colour - gradational upper contact is arbitrarily chosen
163.80	166.15	2.35	ANDESITE DYKE - massive aphanitic green grey andesitic to dacitic (bleached dyke) - upper contact 38 deg to C.A.,lower at 36 deg - 2 rotten vuggy quartz veins (5 and 10 cm) in centre of dyke.

KERR PROJECT D.D.HOLE K-88-11

FROM (m)	TO (m)	WIDTH (m)	DESCRIPTION
166.15	171.00	4.85	QUARTZ-SERICITE-PYRITE SCHIST - protolith largely well foliated and altered plagioclase phenocrysts and finer grained equivalents - relict plagioclase phenocrysts as well as chloritized and sericitized smaller hornblende and plagioclase crystals are found at 171.9 m, close to the upper contact of the dyke
171.00	171.80	0.80	GREEN ANDESITIC (MAFIC) DYKE - green massive aphanitic, altered mostly to chlorite and minor epidote - upper contact has 28 deg core angle
171.80	191.00	19.20	QUARTZ SERICITE PYRITE SCHIST (BLUE) - protolith dacitic lapilli tuff and/or diorite - well foliated - cores well but is quite heavily fractured - chlorite content varies considerably - lapilli fragments vary in shape from elongate to equant angular fragments
191.00	193.10	2.10	QUARTZ-SERICITE-PYRITE SCHIST (BLUE GREY) - protolith resembles fine- to medium-grained diorite at 191.3 m and grades to dacitic crystal tuff above and below - probably all sheared foliated fine-grained plagioclase porphyry equivalent - boundaries are gradational
193.10	193.40	0.30	GREEN ANDESITE DYKE - aphanitic green buff coloured with hornblende laths
193.40	195.80	2.40	BUFF QUARTZ-SERICITE-PYRITE SCHIST - protolith is probably felsic tuff - chalcocite at 195 m and 193.8 m - mariposite at 194.4 to 194.7 m
195.80	212.75	16.95	QUARTZ-SERICITE-CHLORITE-PYRITE SCHIST (BLUE GREEN) - protolith could have been grey blue dacitic crystal tuff or the chilled equivalent of the plagioclase porphyry - the sequence resembles a foliated version of dioritic to dacitic tuffs on the A-zone north - see last column for foliation core angles
	E.O.H.		- well foliated but quite broken unit

1988 KERR EXPLORATION PROGRAM

Western Canadian Mining Corporation - 21 Nov 1988 11:17:30 Page 1

88-11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
8811	9570.1	9810.8	1634.4	90	60	212.75		STRIKE EXTENT OF B-ZONE MINERALIZATION. NO ACID TEST. #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
0.00	3.05	3.05		OVERBURDEN																				
3.05	7	3.95	32	SRCT SCHT		FG	1	1	75	2	2						95	20			.5			
7	9	2	35	SHRD HBLD PLAG		FG		1	50	1	20		1				80	10			.2			
9	11.75	2.75	35	SHRD HBLD PLAG		FG		1	50	1	20		1				80	10			.2			
11.75	13.75	2	10	FAULT SRCT SCHT		FG		1	80	1	2						100	15			1			
13.75	15.5	1.75	10	FAULT SRCT SCHT		FG		1	80	1	2						100	15			1			
15.5	18.5	3	29	SRCT SCHT		FG		.5	75		3						95	20			.5			
18.5	21.5	3	22	SRCT SCHT		FG		.5	80	1	3						95	20			.5			
21.5	24.5	3	19	SRCT SCHT		FG		.5	65		3						95	25			2			
24.5	27.5	3	31	SRCT SCHT		FG		.5	65		3						98	25			3			
27.5	30.5	3	30	SRCT SCHT		FG		.5	70		1						98	20			3			
30.5	33.5	3	31	SRCT SCHT		FG		.5	70		1						98	20			3			
33.5	36.5	3	31	SRCT SCHT		FG		.5	68		2						98	25			3			
36.5	39.5	3	33	SRCT SCHT		FG		1	70		5						98	20			4			
39.5	42.5	3	29	SRCT SCHT		FG		1	69	1	3						98	23			3			
42.5	45.5	3	10	SRCT SCHT		FG		1	75	1	1						98	20			2			
45.5	48.4	2.9	13	SRCT SCHT		FG		3	65	2	2						98	25	.1		3			
48.4	51.0	2.6	35	ANDS DYKE		VFG		5	5	5	40		1				60	2						
51.0	54	3	34	SRCT SCHT		FG	1	12	45	1			1				100	30	5		3			
54	57	3	17	SRCT SCHT		FG	1	4	55	1	5		1				100	25	1		4			
57	60	3	40	SRCT SCHT		FG		6	50	2	3						100	32	1		5			
60	63	3	34	SRCT SCHT		FG		3	55	2	5						100	28	.5		5			
63	66	3	19	SRCT SCHT		FG		5	55	2	2						100	28	1		5			
66	69	3	18	SRCT SCHT		FG		5	55	1	2						100	30	.8		5			
69	72	3	23	SRCT SCHT		FG		3	60	5	2						100	25	.1		2			
72	75	3	11	SRCT SCHT		FG		5	60	1	1						100	28	.8		4			
75	78	3	23	SRCT SCHT		FG		5	60	2	2						100	25	.2		4			
78	81	3	23	SRCT SCHT		FG		3	60	1	1						100	28	.8		5			
81	84	3	23	SRCT SCHT		FG		2	65	1	2						100	23	.2		3			
84	87	3	23	SRCT SCHT		FG		2	65	1	5						100	23	.2		3			
87	90	3	23	SRCT SCHT		FG		1	60	1	8						100	25	.2		4			
90	93	3	18	SRCT SCHT		FG		5	45	3	8						100	28	.2		5			
93	96	3	19	SRCT SCHT		FG		1	45	5	8						100	30	1		5			
96	99	3	10	SRCT SCHT		FG		10	55	2	5						100	20	.5		5			
99	102	3	19	SRCT SCHT		FG		10	55	2	5						100	25	.5		5			
102	105	3	10	SRCT SCHT		FG		2	70	1	1						100	20	.2		5			
105	108	3	19	SRCT SCHT		FG		3	65	1	3						100	20	.2		5			
108	111	3	10	SRCT SCHT		FG		3	65	1	3						100	20	.2		5			
111	114	3	23	SRCT SCHT		FG		45	20								100	30	2		2			
114	117	3	23	SRCT SCHT		FG		30	25								100	25	2		4			
117	120	3	23	SRCT SCHT		FG		30	25								100	35	2		4			
120	123	3	19	SRCT SCHT FAULT		FG		2	65	1	1						100	25	.5		5			
123	126	3	10	SRCT SCHT		FG		2	60	3	1						100	25	.1		5			
126	129	3	10	SRCT SCHT		FG		2	65	2	1						100	22	1		5			
129	132	3	20	SRCT SCHT		FG		2	65	2	2						100	22	1		5			
132	135	3	21	SRCT SCHT		FG		25	30		10						100	20	1		10			
135	138	3	25	SRCT SCHT		FG		15	40	1	10						100	25	.5		8			
138	141	3	21	SRCT SCHT		FG	1	3	60	1	8						100	25	.2		2			
141	144	3	19	SRCT SCHT		FG	1	2	65	1	3						100	25	1		1			
144	147.2	3.2	10	SRCT SCHT		FRAC	15		40		10							30						
147.2	152.1	4.7	10	SRCT SCHT		FRAC	12	.1	50		8							30						
151.1	154.84	2.74	10	SRCT SCHT		FRAC	12		55		5							30						

1988 KERR EXPLORATION PROGRAM

Western Canadian Mining Corporation - 21 Nov 1988 11:17:47 Page 2

88-11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
8811	9570.1	9810.8	1634.4	90	60	212.75		STRIKE EXTENT OF B-ZONE MINERALIZATION. NO ACID TEST. #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
154.84	157.89	3.1	10	SRCT SCHT		FRAC	12		55		5							30						
157.89	160.93	3.1	10	SRCT SCHT		FRAC	12		55		5							30						
160.93	163.85	2.92	10	SRCT SCHT		FRAC	12		55		2							28						
163.85	166.15	2.3	43	ANDS DYKE		FRAC	5	10	55		45	.1					50	.1						
166.15	167.03	.88	12	SRCT SCHT		FRAC	12	.1	55	1	3						100	25	.1		.1			
167.03	170.08	3.05	19	SRCT SCHT		FRAC	12	1	55	1	3						100	25	.1		.1			
170.08	171	.92	19	SRCT SCHT		FRAC	12	.1	55	1							100	28	.1		.1			
171	171.8	.8	33	ANDS DYKE		FRAC					40	.1					50	.1						
171.8	173.3	1.5	10	SRCT SCHT		FRAC	13	.1	53	1	3						100	23	.1		.1			
173.3	176.17	2.87	10	SRCT SCHT		FRAC	15	.1	53	1	5						100	23	.1		.1			
176.17	179.22	3.05	19	SRCT SCHT		FRAC	13	.1	53	1	5						100	23	.1		.1			
179.22	182.27	3.05	19	SRCT SCHT		FRAC	13	.1	50	2	4						100	25	.1		.1			
182.27	185.38	3.11	12	SRCT SCHT		FRAC		.1	50								100	25	.1		.1			
185.38	188.37	2.99	19	SRCT SCHT		FRAC	20	1	50	2	2						100	25	.1		.1			
188.37	191.41	3.04	12	SRCT SCHT		FRAC	18	.1	50	1	3						100	28	.1		1			
191.41	194.46	3.05	10	SRCT SCHT		FRAC	15	.1	50	1	4			1			100	28	.1		1			
194.46	197.51	3.05	10	SRCT SCHT		FRAC	13	.1	50	1	10						100	25	.1		.1			
197.71	200.58	3.07	10	SRCT SCHT		FRAC	13	1	50	1	10						100	25	.1		1			
200.58	205.67	3.03	10	SRCT SCHT		FRAC	13	.1	50	1	10						100	25	.1		.1			
205.67	206.65	3.04	12	SRCT SCHT		FRAC	13	.1	50	1	10						100	25	.1		.1			
206.65	209.7	3.05	19	SRCT SCHT	FAULT	FRAC	12	.1	50	1	10						100	25	.1		.1			
209.7	212.75	2.95	19	SRCT SCHT	FAULT	FRAC	12	2	50	1	10						100	25	.1		.1			

1988 KERR EXPLORATION PROGRAM

Western Canadian Mining Corporation - 21 Nov 1988 08:49:11 Page 1

88-11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
8811	9570.1	9810.8	1634.4	90	60	212.75		STRIKE EXTENT OF B-ZONE MINERALIZATION. NO ACID TEST. #HOLE

FROM	Dist	SampNo	WDTH	REC	Au	Auoz	Ag	Agoz	Cu	Zn	Fe%	As	Mn	E1	E2
0.00	3.05		3.05												
3.05	7	9652	3.95	3.46	130		.1		314	66	5.07	40	115		
7	9	9653	2	1.48	85		.1		494	485	4.29	48	1644		
9	11.75	9654	2.75	2.58	10		.1		305	339	3.94	99	2243		
11.75	13.75	9655	2	.64	120		.1		226	21	3.93	44	36		
13.75	15.5	9656	1.75	.98	365		1.1		1316	86	4.92	48	246		
15.5	18.5	9657	3	2.66	350		1.9		385	305	4.54	38	513		
18.5	21.5	9658	3	2.78	120		.4		485	262	4.94	44	485		
21.5	24.5	9659	3	2.65	70		.1		447	189	4.91	31	1515		
24.5	27.5	9660	3	2.85	45		.1		450	159	4.88	30	613		
27.5	30.5	9661	3	2.74	110		.7		547	803	4.93	40	279		
30.5	33.5	9662	3	2.54	70		.1		690	73	4.73	29	434		
33.5	36.5	9663	3	2.23	70		.1		753	143	5.17	73	627		
36.5	39.5	9664	3	3	40		.1		616	172	4.81	49	970		
39.5	42.5	9665	3	2.85	60		.1		574	134	4.32	43	1003		
42.5	45.5	9666	3	2.8	90		.1		662	221	4.58	56	1068		
45.5	48.4	9667	2.9	2.18	110		.1		1952	155	4.68	37	1183		
48.4	51.0	9668	2.6	1.85	50		.1		192	450	9.00	17	2783		
51.0	54	9669	3	2.65	490		4.2		13384	112	7.65	153	242	1.39	
54	57	9670	3	2.65	630		2.4		11899	99	6.32	19	849	1.22	
57	60	9671	3	2.72	520		3.7		11216	343	6.48	110	1842	1.15	
60	63	9672	3	2.54	440		3.1		9426	132	5.52	31	1410	1.05	
63	66	9673	3	2.4	410		2.6		10126	121	5.26	29	612	1.06	
66	69	9674	3	2.1	520		2.4		13759	51	5.04	18	145	1.33	
69	72	9675	3	.79	330		2.5		5265	42	4.35	18	48	.57	
72	75	9676	3	1.42	250		2.3		11101	32	5.09	25	24	1.19	
75	78	9677	3	1.9	380		2.5		12301	114	5.08	38	127	1.24	
78	81	9678	3	2.16	360		2.5		12124	383	5.24	32	35	1.27	
81	84	9679	3	1.21	530		1.6		8979	101	5.72	30	158	.97	
84	87	9680	3	1.25	360		1.9		8762	129	4.46	54	138	.96	
87	90	9681	3	1.6	420		2.2		13110	89	5.42	28	103	1.35	
90	93	9682	3	.79	500		3.8		20000	107	6.82	25	117	3.06	
93	96	9683	3	.39	360		2.4		18472	76	4.60	43	66	1.94	
96	99	9684	3	.46	320		2.6		14157	175	4.44	28	236	1.47	
99	102	9685	3	.35	250		2.1		9497	106	3.94	23	258	1.01	
102	105	9686	3	.6	220		1.6		7460	90	3.42	20	213	.81	
105	108	9687	3	.47	260		2.9		11347	100	4.8	20	143	1.24	
108	111	9688	3	.7	420		.1		11831	212	5.97	211	39	1.29	
111	114	9689	3	2.87	690		9.3		12360	441	8.67	566	38	1.30	
114	117	9690	3	2.43	700		4.1		14060	188	6.75	21	193	1.51	
117	120	9691	3	2.07	530		5.2		13519	1825	5.34	444	86	1.44	
120	123	9692	3	.79	310		1.9		10947	40	3.49	20	26	1.28	
123	126	9693	3	.74	490		2.6		12860	132	3.98	38	209	1.34	
126	129	9694	3	.7	370		2.6		12357	46	2.60	43	15	1.36	
129	132	9695	3	.5	350		2.2		13794	91	4.16	22	94	1.35	
132	135	9696	3	1.5	460		2.9		15355	28	4.15	37	32	1.7	
135	138	9697	3	2.7	500		2.9		12793	37	5.35	30	33	1.41	
138	141	9698	3	2.5	420		1.9		10990	14	4.41	31	48	1.22	
141	144	9699	3	2.84	390		1.9		11326	44	4.86	36	31	1.17	
144	147.2	9700	3.2	3.3	340		1.6		9276	110	4.66	44	33	1.06	
147.2	152.1	9701	4.7	4.3	380		1.4		11942	61	4.95	22	55	1.24	
151.1	154.84	9702	2.74	3.2	240		1.3		13943	21	5.07	19	27	1.37	

1988 KERR EXPLORATION PROGRAM

88-11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
8811	9570.1	9810.8	1634.4	90	60	212.75		STRIKE EXTENT OF B-ZONE MINERALIZATION. NO ACID TEST. #HOL

FROM	Dist	SampNo	WDTH	REC	Au	Auoz	Ag	Agoz	Cu	Zn	Fe%	As	Mn	E1	E2
154.84	157.89	9703	3.1	3.9	340		2.9		15828	315	7.25	849	11	1.42	
157.89	160.93	9704	3.1	3.1	330		1.8		20000	32	5.40	37	32	1.80	
160.93	163.85	9705	2.92	2.3	215		1.5		10333	157	3.92	157	195	.85	
163.85	166.15	9706	2.3	1.52	15		.1		1897	200	2.73	19	984	.18	
166.15	167.03	9707	.88	.85	170		1.3		6806	87	3.87	180	83	.7	
167.03	170.08	9708	3.05	2.4	120		1.1		8923	87	3.55	104	501	.93	
170.08	171	9709	.92	.8	160		.7		6490	11	4.89	33	35	.69	
171	171.8	9710	.8	.8	20		.1		1594	237	6.65	46	1375	.16	
171.8	173.3	9711	1.5	1.2	130		.8		8072	86	3.82	61	526	.88	
173.3	176.17	9712	2.87	2.7	80		.1		1796	126	4.66	34	762	.20	
176.17	179.22	9713	3.05	3	90		.1		1935	112	5.13	32	963	.20	
179.22	182.27	9714	3.05	2.8	1		.1		2746	140	5.45	37	1303	.28	
182.27	185.38	9715	3.11	3	50		.1		1686	1174	5.17	41	1633	.17	
185.38	188.37	9716	2.99	2.9	70		.2		1019	272	4.80	38	1367	.11	
188.37	191.41	9717	3.04	2.9	100		2.1		851	899	4.60	54	1197	.09	
191.41	194.46	9718	3.05	2.95	130		.8		4155	312	7.12	160	745	.41	
194.46	197.51	9719	3.05	2.7	190		.3		5596	164	7.34	27	793	.61	
197.71	200.58	9720	3.07	2.59	100		1.1		3701	269	7.57	151	961	.38	
200.58	205.67	9721	3.03	1.98	120		1.1		4282	210	6.13	53	688	.49	
205.67	206.65	9722	3.04	1	140		.2		4544	173	7.31	52	410	.48	
206.65	209.7	9723	3.05	.28	110		1.1		2086	86	8.14	86	158	.22	
209.7	212.75	9724	2.95	.28	90		.1		2391	69	5.90	13	187	.26	

VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY
1988 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

SAMPLE #	Cu %
C88-9675	.57
C88-9676	1.19
C88-9677	1.24
C88-9678	1.27
C88-9679	.97
C88-9680	.96
C88-9681	1.35
C88-9682	3.06
C88-9683	1.94
C88-9684	1.47
C88-9685	1.01
C88-9686	.81
C88-9687	1.24
C88-9688	1.29
C88-9689	1.30
C88-9690	1.51
C88-9691	1.44
C88-9692	1.28
C88-9693	1.34
C88-9694	1.36

DETECTION LIMIT .01

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

signed: _____

VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY
1988 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

SAMPLE #	Cu %
C88-9695	1.35
C88-9696	1.70
C88-9697	1.41
C88-9698	1.22
C88-9699	1.17
C88-9700	1.06
C88-9701	1.24
C88-9702	1.37
C88-9703	1.42
C88-9704	1.80
C88-9705	.85
C88-9706	.18
C88-9707	.70
C88-9708	.93
C88-9709	.69
C88-9710	.16
C88-9711	.88
C88-9712	.20
C88-9713	.20
C88-9714	.28

DETECTION LIMIT .01

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

signed: _____

VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY
1988 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

SAMPLE #	Cu %
C88-9715	.17
C88-9716	.11
C88-9717	.09
C88-9718	.41
C88-9719	.61
C88-9720	.38
C88-9721	.49
C88-9722	.48
C88-9723	.22
C88-9724	.26
C88-9669	1.39
C88-9670	1.22
C88-9671	1.15
C88-9672	1.05
C88-9673	1.06
C88-9674	1.33

DETECTION LIMIT .01

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

signed: _____

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

K 88-11

REPORT #: BB1151 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 - 9652	0.1	0.72	40	130	<3	14	4	0.18	0.7	14	24	314	5.07	0.05	0.44	115	4	0.01	5	0.22	26	<3	<5	<2	<2	9	<5	<3	66
C88 - 9653	0.1	2.29	48	85	<3	68	6	0.33	2.7	12	13	494	4.29	0.07	1.89	1644	4	0.02	5	0.24	51	<3	<5	<2	<2	16	<5	<3	485
C88 - 9654	0.1	2.37	99	10	<3	73	3	1.46	1.2	15	14	305	3.94	0.22	1.96	2243	2	0.01	5	0.22	26	<3	<5	<2	<2	59	<5	<3	339
C88 - 9655	0.1	0.36	44	120	<3	18	<3	0.02	0.5	9	34	226	3.93	0.01	0.06	36	4	0.01	4	0.05	70	<3	<5	<2	<2	5	<5	<3	21
C88 - 9656	1.1	0.28	48	365	<3	17	<3	0.02	1.0	11	25	1316	4.92	0.02	0.11	246	6	0.02	5	0.03	36	<3	<5	<2	<2	2	<5	<3	86
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

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

K 88-11

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 - 9669	4.2	0.41	153	490	<3	11	4	0.23	1.4	10	96	13384	7.65	0.07	0.08	242	6	0.01	3	0.15	30	<3	<5	<2	<2	20	<5	<3	112
C88 - 9670	2.4	0.60	19	630	<3	12	<3	0.54	2.1	13	95	11899	6.32	0.12	0.24	849	9	0.01	3	0.14	<2	<3	<5	<2	<2	15	<5	<3	99
C88 - 9671	3.7	0.35	110	520	<3	10	<3	0.39	1.8	17	60	11216	6.48	0.09	0.11	1842	5	0.01	2	0.14	22	<3	<5	<2	<2	9	<5	<3	343
C88 - 9672	3.1	0.27	31	440	<3	12	<3	0.32	1.2	15	59	9426	5.52	0.07	0.04	1410	5	0.01	3	0.12	18	<3	<5	<2	<2	7	<5	<3	132
C88 - 9673	2.6	0.39	29	410	<3	12	<3	0.23	1.9	11	115	10126	5.26	0.06	0.03	612	9	0.01	4	0.13	52	<3	<5	<2	<2	6	<5	<3	121
C88 - 9674	2.4	0.91	18	520	<3	13	<3	0.14	1.1	10	64	13759	5.04	0.04	0.30	145	7	0.01	3	0.16	6	<3	<5	<2	<2	17	<5	<3	51
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

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

K88-11

REPORT #: 880849 PA WESTERN CDN MINING CORP.

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 - 9657	1.9	0.33	38	350	<3	26	<3	0.33	3.2	13	15	385	4.54	0.08	0.21	513	2	0.02	5	0.17	194	<3	<5	<2	<2	10	<5	<3	305
C88 - 9658	0.4	0.45	44	120	<3	27	<3	0.29	2.4	13	36	485	4.94	0.08	0.27	485	3	0.02	6	0.17	130	<3	<5	<2	<2	12	<5	<3	262
C88 - 9659	0.1	0.62	31	70	<3	34	<3	0.70	1.9	17	16	447	4.91	0.15	0.86	1515	3	0.02	6	0.19	55	<3	<5	<2	<2	14	<5	<3	189
C88 - 9660	0.1	0.53	30	45	<3	27	<3	0.45	1.9	14	24	450	4.88	0.11	0.48	613	2	0.02	5	0.19	64	<3	<5	<2	<2	10	<5	<3	159
C88 - 9661	0.7	0.58	40	110	<3	23	<3	0.31	5.3	15	25	547	4.93	0.08	0.34	279	4	0.03	7	0.21	260	<3	<5	<2	<2	9	<5	<3	803
C88 - 9662	0.1	0.69	29	70	<3	27	<3	0.41	1.7	15	25	690	4.73	0.10	0.59	434	2	0.01	6	0.21	39	<3	<5	<2	<2	12	<5	<3	73
C88 - 9663	0.1	0.96	73	70	<3	25	<3	0.49	1.6	15	23	753	5.17	0.12	0.94	627	4	0.02	8	0.21	39	<3	<5	<2	<2	15	<5	<3	143
C88 - 9664	0.1	1.06	49	40	<3	26	<3	0.53	1.6	16	28	616	4.81	0.12	1.16	970	3	0.01	7	0.20	38	<3	<5	<2	<2	14	<5	<3	172
C88 - 9665	0.1	1.09	43	60	<3	25	<3	0.63	1.2	13	37	574	4.32	0.14	1.12	1003	4	0.01	6	0.19	32	<3	<5	<2	<2	18	<5	<3	134
C88 - 9666	0.1	0.89	56	90	<3	27	<3	0.61	1.7	16	37	662	4.58	0.13	0.94	1068	3	0.01	7	0.20	53	<3	<5	<2	<2	14	<5	<3	221
C88 - 9667	0.1	0.41	37	110	<3	23	<3	0.64	1.4	15	35	1952	4.68	0.13	0.52	1183	5	0.01	5	0.17	47	<3	<5	<2	<2	16	<5	<3	155
C88 - 9668	0.1	3.81	17	50	<3	354	6	0.55	2.7	35	20	192	9.00	0.13	2.25	2783	7	0.03	1	<0.01	19	<3	<5	<2	<2	23	<5	<3	450
C88 - 9675	2.5	0.44	18	330	<3	23	<3	0.03	1.1	9	58	5265	4.35	0.03	0.09	48	8	0.02	1	0.08	25	<3	<5	<2	<2	5	<5	<3	42
C88 - 9676	2.3	0.22	25	250	<3	14	<3	0.01	1.4	9	66	11101	5.09	0.04	0.04	24	7	0.02	3	0.03	26	<3	<5	<2	<2	3	<5	<3	32
C88 - 9677	2.5	0.81	38	380	<3	16	4	0.11	1.7	9	77	12301	5.08	0.05	0.27	127	9	0.02	3	0.17	34	<3	<5	<2	<2	5	<5	<3	114
C88 - 9678	2.5	0.64	32	360	<3	14	4	0.13	3.4	15	84	12124	5.24	0.05	0.08	35	10	0.02	5	0.25	46	<3	<5	<2	<2	11	<5	<3	383
C88 - 9679	1.6	1.21	30	530	<3	13	4	0.17	1.4	15	55	8979	5.72	0.07	0.63	158	10	0.02	4	0.24	17	<3	<5	<2	<2	7	<5	<3	101
C88 - 9680	1.9	1.08	54	360	<3	18	3	0.17	1.1	12	62	8762	4.46	0.06	0.51	138	8	0.02	6	0.22	102	<3	<5	<2	<2	9	<5	<3	129
C88 - 9681	2.2	0.91	28	420	<3	15	5	0.15	1.4	13	55	13110	5.42	0.06	0.35	103	11	0.02	3	0.22	97	<3	<5	<2	<2	7	<5	<3	89
C88 - 9682	3.8	1.01	25	500	<3	12	12	0.08	2.6	14	104	>20000	6.82	0.04	0.49	117	11	0.02	5	0.16	93	<3	<5	<2	<2	4	<5	<3	107
C88 - 9683	2.4	0.86	43	360	<3	14	5	0.14	1.1	11	80	18472	4.60	0.06	0.31	66	11	0.02	10	<0.01	107	<3	<5	<2	<2	8	<5	<3	76
C88 - 9684	2.6	0.93	28	320	<3	15	4	0.17	3.0	11	62	14157	4.44	0.06	0.19	236	7	0.02	6	0.21	133	<3	<5	<2	<2	12	<5	<3	175
C88 - 9685	2.1	1.08	23	250	<3	17	<3	0.17	1.2	9	49	9497	3.94	0.06	0.76	258	7	0.01	4	0.19	27	<3	<5	<2	<2	34	<5	<3	106
C88 - 9686	1.6	1.28	20	220	<3	21	<3	0.18	1.5	9	70	7460	3.42	0.06	0.84	213	5	0.01	5	0.19	23	<3	<5	<2	<2	53	<5	<3	90
C88 - 9687	2.9	1.10	20	260	<3	15	6	0.15	1.7	13	107	11347	4.88	0.06	0.65	143	8	0.02	4	0.15	13	<3	<5	<2	<2	78	<5	<3	100
C88 - 9688	0.1	0.38	211	420	<3	15	5	0.15	1.7	12	88	11831	5.97	0.06	0.06	39	5	0.02	3	0.14	101	<3	<5	<2	<2	27	<5	<3	212
C88 - 9689	9.3	0.15	566	690	<3	10	11	0.13	1.6	12	36	12369	8.67	0.06	0.02	38	14	0.03	1	0.13	367	<3	<5	<2	<2	5	<5	<3	441
C88 - 9690	4.1	0.18	21	700	<3	11	10	0.14	2.4	10	61	14060	6.75	0.06	0.02	193	6	0.02	1	0.13	107	<3	<5	<2	2	8	<5	<3	188
C88 - 9691	5.2	0.32	444	530	<3	12	3	0.15	4.8	10	102	13519	5.34	0.06	0.03	86	14	0.06	2	0.15	1047	<3	<5	<2	<2	11	<5	<3	1825
C88 - 9692	1.9	0.45	20	310	<3	15	<3	0.16	1.1	9	83	10947	3.49	0.06	0.03	26	9	0.01	3	0.16	26	<3	<5	<2	<2	10	<5	<3	40
C88 - 9693	2.6	0.68	38	490	<3	13	<3	0.16	3.9	11	51	12860	3.98	0.05	0.02	209	20	0.02	7	0.22	71	<3	<5	<2	<2	12	<5	<3	132
C88 - 9694	2.6	0.44	43	370	<3	18	<3	0.16	1.8	11	24	12357	2.60	0.05	0.02	15	20	0.01	4	0.19	45	<3	<5	<2	<2	14	<5	<3	46
C88 - 9695	2.2	1.06	22	350	<3	17	7	0.24	1.5	22	86	13794	4.16	0.07	0.68	94	27	0.01	12	0.25	16	<3	<5	<2	<2	30	<5	<3	91
C88 - 9696	2.9	0.36	37	460	<3	13	3	0.16	1.2	13	88	15355	4.15	0.05	0.04	32	23	0.01	12	0.19	13	<3	<5	<2	<2	9	<5	<3	28
C88 - 9697	2.9	0.39	30	500	<3	12	6	0.19	1.3	21	41	12793	5.35	0.07	0.04	33	26	0.02	15	0.22	11	<3	<5	<2	<2	7	<5	<3	37
C88 - 9698	1.9	0.42	31	420	<3	13	<3	0.22	1.1	23	51	10990	4.41	0.07	0.03	48	38	0.01	17	0.24	7	<3	<5	<2	<2	10	<5	<3	14
C88 - 9699	1.9	0.46	36	390	<3	11	<3	0.19	1.7	15	52	11326	4.86	0.06	0.03	31	29	0.01	19	0.20	27	<3	<5	<2	<2	13	<5	<3	44
C88 - 9700	1.6	0.46	44	340	<3	11	<3	0.17	1.6	14	53	9276	4.66	0.07	0.10	33	26	0.02	6	0.19	26	<3	<5	<2	<2	20	<5	<3	110
C88 - 9701	1.4	0.89	22	380	<3	12	6	0.14	1.3	15	52	11942	4.95	0.05	0.51	55	19	0.01	13	0.25	23	<3	<5	<2	<2	158	<5	<3	61
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

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

K88-11

REPORT #: 880849 PA

WESTERN CDN MINING CORP.

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
	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C88 - 9702	1.3	0.57	19	240	<3	17	6	0.19	1.5	24	50	13943	5.07	0.05	0.10	27	26	0.01	18	0.28	12	<3	<5	<2	<2	221	<5	<3
C88 - 9703	2.9	0.52	849	340	<3	17	11	0.09	0.1	13	46	15828	7.25	0.04	0.02	11	12	0.02	13	0.24	92	<3	<5	<2	<2	335	<5	<3
C88 - 9704	1.8	0.65	37	330	<3	12	10	0.12	1.3	13	58	>20000	5.40	0.04	0.12	32	14	0.01	8	0.26	5	<3	<5	<2	<2	415	<5	<3
C88 - 9705	1.5	1.00	157	215	<3	17	<3	0.15	1.1	12	32	10333	3.92	0.04	0.63	195	31	0.01	9	0.27	27	<3	<5	<2	<2	398	<5	<3
C88 - 9706	0.1	0.94	19	15	<3	365	<3	0.15	1.2	9	62	1897	2.73	0.05	0.33	984	5	0.02	4	0.10	12	<3	<5	<2	<2	61	<5	<3
C88 - 9707	1.3	0.57	180	170	<3	19	<3	0.16	0.9	18	110	6806	3.87	0.04	0.19	83	19	0.01	14	0.16	18	<3	<5	<2	<2	22	<5	<3
C88 - 9708	1.1	1.18	104	120	<3	20	<3	0.19	1.1	13	59	8923	3.55	0.05	1.40	501	15	0.01	12	0.20	13	<3	<5	<2	<2	21	<5	<3
C88 - 9709	0.7	0.44	33	160	<3	15	<3	0.18	0.9	15	60	6490	4.89	0.05	0.03	35	33	0.01	10	0.18	12	<3	<5	<2	<2	25	<5	<3
C88 - 9710	0.1	3.37	46	20	<3	146	5	0.31	1.5	13	35	1594	6.65	0.07	1.92	1375	10	0.02	<1	0.29	15	<3	<5	<2	<2	28	<5	<3
C88 - 9711	0.8	1.64	61	130	<3	17	<3	0.17	1.0	13	71	8072	3.82	0.04	1.24	526	32	0.01	10	0.26	21	<3	<5	<2	<2	81	<5	<3
C88 - 9712	0.1	1.56	34	80	<3	17	<3	0.15	1.3	14	45	1796	4.66	0.03	1.90	762	8	0.01	9	0.16	13	<3	<5	<2	<2	13	<5	<3
C88 - 9713	0.1	1.61	32	90	<3	15	<3	0.17	1.5	17	23	1935	5.13	0.05	2.02	963	7	0.01	11	0.17	15	<3	<5	<2	<2	15	<5	<3
C88 - 9714	0.1	1.74	37	<5	<3	14	<3	0.18	1.5	16	33	2746	5.45	0.04	2.06	1303	17	0.01	11	0.18	12	<3	<5	<2	<2	17	<5	<3
C88 - 9715	0.1	2.21	41	50	<3	13	3	0.18	4.4	16	46	1686	5.17	0.05	2.80	1633	8	0.04	10	0.19	22	<3	<5	<2	<2	26	<5	<3
C88 - 9716	0.2	1.93	38	70	<3	14	<3	0.19	1.5	13	38	1019	4.80	0.04	2.42	1367	4	0.01	7	0.20	15	<3	<5	<2	<2	36	<5	<3
C88 - 9717	2.1	1.48	54	100	<3	14	<3	0.17	3.1	15	21	851	4.60	0.04	1.78	1197	5	0.03	10	0.19	63	<3	<5	<2	<2	69	<5	<3
C88 - 9718	0.8	1.31	160	130	<3	14	5	0.19	1.6	20	31	4155	7.12	0.06	1.08	745	16	0.02	12	0.23	64	<3	<5	<2	<2	197	<5	<3
C88 - 9719	0.3	2.14	27	190	<3	19	10	0.20	1.6	32	30	5596	7.34	0.06	1.82	793	36	0.02	19	0.37	10	<3	<5	<2	<2	899	<5	<3
C88 - 9720	1.1	2.04	151	100	<3	21	9	0.20	1.7	32	35	3701	7.57	0.06	2.19	961	22	0.02	19	0.24	21	<3	<5	<2	<2	232	<5	<3
C88 - 9721	1.1	1.81	53	120	<3	22	8	0.21	1.8	28	28	4282	6.13	0.05	1.82	688	25	0.02	15	0.26	17	<3	<5	<2	<2	228	<5	<3
C88 - 9722	0.2	1.63	52	140	<3	19	6	0.22	1.9	31	58	4544	7.31	0.06	1.60	410	13	0.02	30	0.24	8	<3	<5	<2	<2	185	<5	<3
C88 - 9723	1.1	1.11	86	110	<3	18	3	0.15	2.1	21	159	2086	8.14	0.05	1.11	158	6	0.02	117	0.17	21	<3	<5	<2	<2	164	<5	<3
C88 - 9724	0.1	1.35	13	90	<3	15	<3	0.20	1.4	23	137	2391	5.90	0.06	1.28	187	10	0.01	69	0.20	11	<3	<5	<2	<2	88	<5	<3

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

DATE RECEIVED: SEP 2 1988
DATE REPORT MAILED: Sept. 8/88

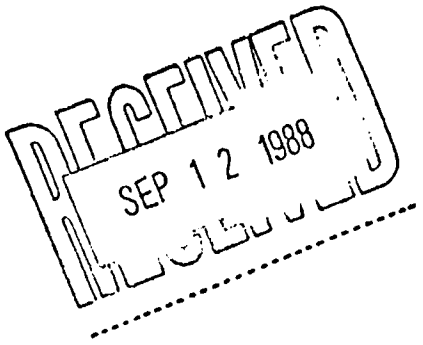
GEOCHEMICAL ANALYSIS CERTIFICATE

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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK PULP AU** PT** PD** & RH** BY FA-MS.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

WESTERN CANADIAN MINING CORP. PROJECT 9101-12 FILE # 88-4171

SAMPLE#	Cu PPM	Ag PPM	Au** PPB	Pt** PPB	Pd** PPB	Rh** PPB
C88-9669	14759	3.7	559	2	1	2
C88-9670	12947	2.7	608	1	2	2
C88-9671	11460	3.5	540	1	1	2
C88-9672	10421	2.7	514	2	3	2
C88-9673	10773	2.5	484	1	1	2
C88-9674	14706	2.4	632	1	2	2
C88-9724	2553	.5	84	4	4	2
STD C/FA-5X	62	7.2	98	102	99	24



SAMPLE#	Cu PPM	Ag PPM	Au** PPB	Pt** PPB	Pd** PPB	Rh** PPB
C88-9675	5412	2.3	280	1	4	2
C88-9676	12533	2.7	304	1	11	2
C88-9677	13027	2.6	381	2	2	2
C88-9678	13063	2.5	390	1	9	2
C88-9679	8553	1.9	456	3	2	2
C88-9680	11012	2.7	448	2	2	2
C88-9681	13627	2.4	540	2	8	2
C88-9682	29533	3.1	676	1	2	2
C88-9683	21543	2.4	430	3	2	2
C88-9684	16860	2.4	336	2	2	2
C88-9685	9877	2.4	316	1	4	2
C88-9686	8089	2.2	244	2	2	2
C88-9687	11456	3.1	280	6	17	2
C88-9688	13647	5.6	482	4	3	2
C88-9689	13960	11.7	884	6	2	2
C88-9690	15905	5.1	1030	2	3	2
C88-9691	15013	5.6	508	3	8	2
C88-9692	12089	2.2	411	2	3	2
C88-9693	12980	2.7	469	2	2	2
C88-9694	13369	2.5	363	3	12	2
C88-9695	13737	2.1	306	3	15	2
C88-9696	15930	3.0	691	5	2	2
C88-9697	14045	3.0	617	3	13	2
C88-9698	12314	2.3	527	3	6	2
C88-9699	12089	2.1	482	2	2	2
C88-9700	10972	2.0	426	2	6	2
C88-9701	13105	1.7	362	3	5	2
C88-9702	12977	1.4	284	4	7	2
C88-9703	13904	2.9	355	4	4	2
C88-9704	18372	1.7	385	2	2	2
C88-9705	8663	1.6	233	15	47	2
C88-9706	2062	.1	12	1	2	2
STD C/FA-5X	63	7.2	98	103	99	22

- ASSAY REQUIRED FOR CORRECT RESULT for Cu >10,000 ppm

SAMPLE#	Cu PPM	Ag PPM	Au** PPB	Pt** PPB	Pd** PPB	Rh** PPB
C88-9707	7385	1.5	196	8	28	2
C88-9708	9532	1.5	153	5	23	2
C88-9709	6825	1.0	160	5	6	2
C88-9710	1529	.1	16	1	2	2
C88-9711	8420	1.6	147	4	5	2
C88-9712	1722	.4	80	3	2	2
C88-9713	1904	.7	73	3	5	2
C88-9714	2768	1.4	80	2	4	2
C88-9715	1429	1.2	82	3	3	2
C88-9716	967	1.5	79	2	2	2
C88-9717	896	2.6	108	2	2	2
C88-9718	3860	1.7	138	2	2	2
C88-9719	6198	1.5	214	2	5	2
C88-9720	4065	2.3	264	2	4	2
C88-9721	4813	2.5	152	2	3	2
C88-9722	4699	1.4	164	3	7	2
C88-9723	1966	1.6	78	3	2	2
STD C/FA-5X	57	6.9	96	101	98	24

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

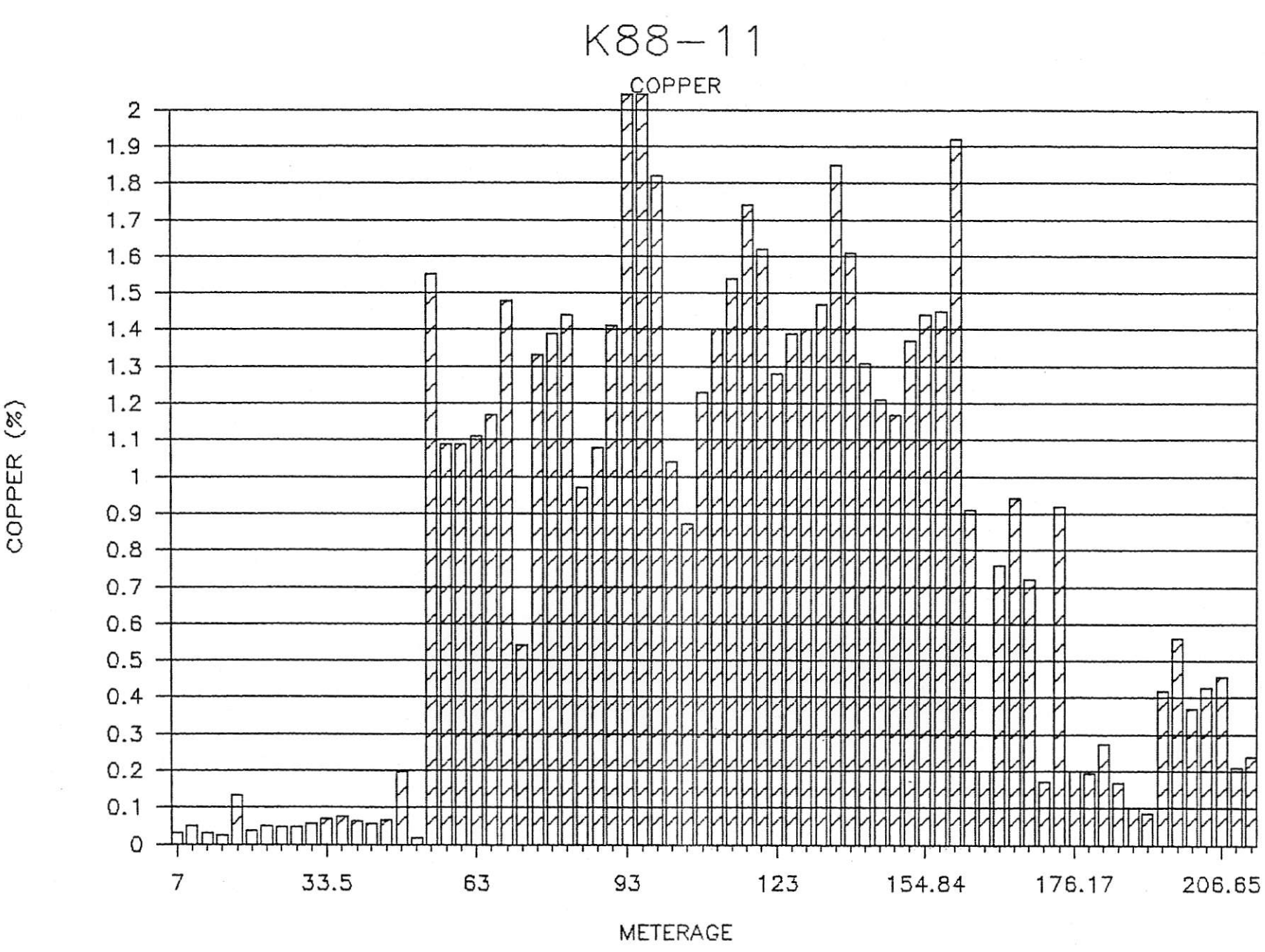
Certificate of Analysis

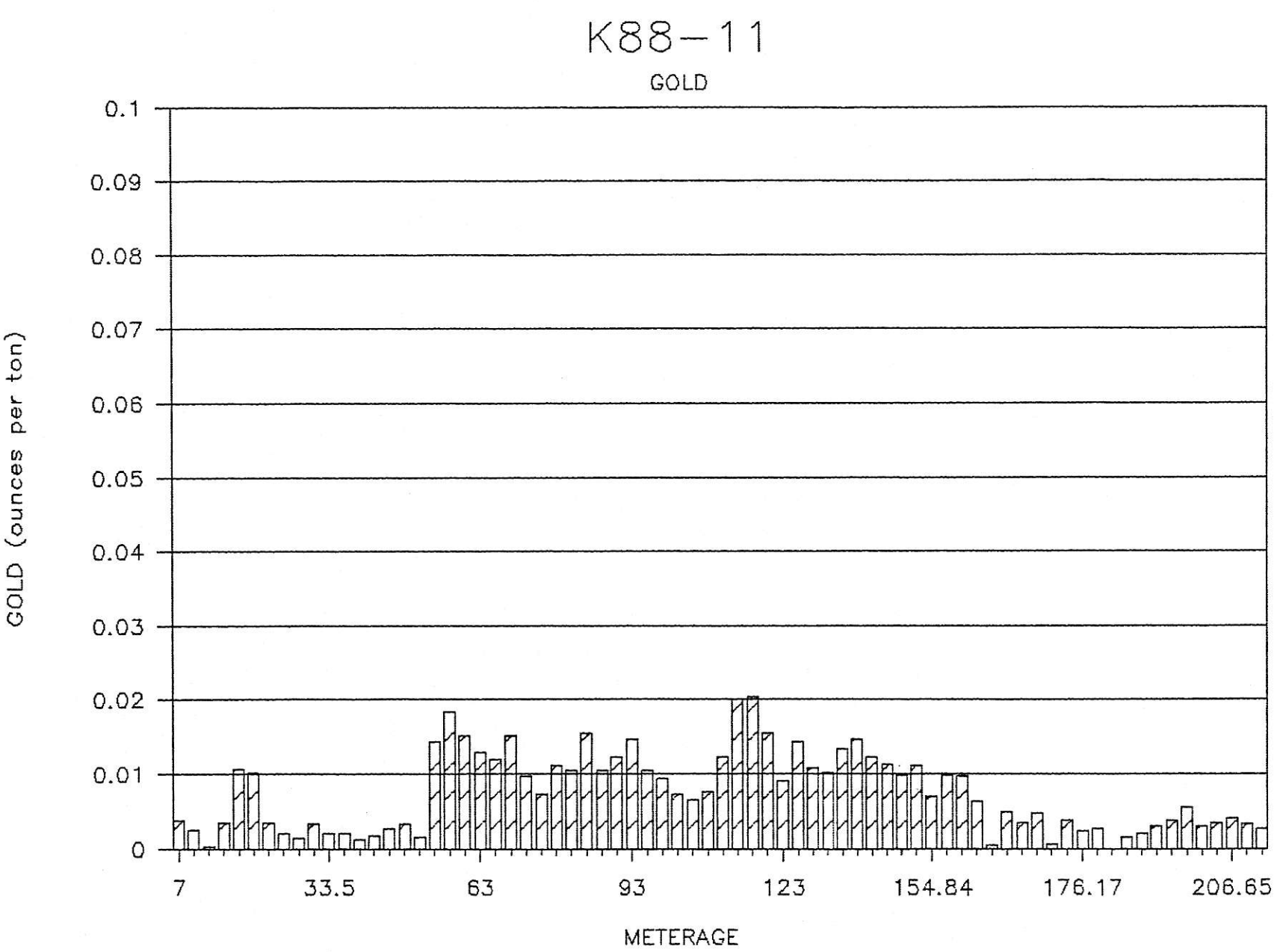
REPORT: V88-09373.4

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Cu PCT
P4 C88-9683		0.010	2.12
P4 C88-9684		0.011	1.51
P4 C88-9690		0.029	1.63
P4 C88-9696		0.015	1.78
P4 C88-9704		0.022	1.77

Registered Assayer, Province of British Columbia


K88-11
COPPER
COPPER (%)
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
7
33.5
63
93
123
154.84
176.17
206.65
METERAGE


K88-11
GOLD
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
GOLD (ounces per ton)
7
33.5
63
93
123
154.84
176.17
206.65
METERAGE