APPENDIX "C"

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870689 GA JOB NUMBER: 870689 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
16751	5760
16752	650
16753	95
16754	1090
16756	340
16757	340
16758	1475
16759	1060
16760	610
16761	1095
16762	1950
16763	60
16764	305
16765	240
16766	650
16767	550
16768	1230
16769	445
16770	nd
16771	130
16772	35
16773	300
16774	60
16775	140
16776	785
16777	890
16778	1300
16779	240
16780	600
16781	170
16782	40
16783	30
16784	25
16785	685
16786	2090
16787	21900
16788	2940
16789	4900
16790	140
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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SAMPLE #	Au ppb
16791	150

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED
MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR BA,BE,CA,P,CR,MG,BA,PD,AL,NA,K,W,TI AND SC. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 9101

REPORT#: 870689PA
JOB#: 870689
INVOICE#: 870689NA

DATE RECEIVED: 87/07/10
DATE COMPLETED: 87/09/15
COPY SENT TO:

ANALYST cd Ramos

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16751	5.0	.42	110	5	58	ND	1.68	3.7	11	53	272	4.27	.04	.66	3075	4	.43	10	.08	207	ND	ND	7	ND	62	ND	ND	1061
16752	1.3	1.34	42	ND	60	ND	.80	.1	17	33	501	6.20	.05	.80	1742	15	.20	29	.09	64	ND	ND	11	ND	14	ND	ND	270
16753	.7	.31	104	ND	15	ND	3.17	4.4	13	45	102	4.93	.05	.64	5326	3	.61	59	.10	115	ND	ND	3	ND	273	ND	ND	1561
16754	10.6	.36	196	ND	85	ND	.09	.1	6	14	88	3.36	.08	.04	153	3	.13	28	.09	194	ND	ND	57	ND	10	ND	4	254
16756	1.2	.27	13	ND	145	ND	.01	.1	2	97	365	1.39	.07	.01	48	30	.02	1	.04	14	ND	ND	9	ND	12	8	4	13
16757	.1	.94	17	ND	4	ND	.14	.1	12	10	1772	9.36	.05	.58	125	11	.11	3	.08	14	ND	ND	10	ND	17	ND	ND	41
16758	2.3	.16	25	ND	5	ND	.01	.1	5	128	3576	5.90	.05	.02	40	2	.11	4	.01	14	ND	ND	24	ND	7	ND	ND	21
16759	1.9	.15	27	ND	4	ND	.01	.1	7	43	12261	6.83	.04	.02	55	2	.14	6	.01	13	ND	ND	10	ND	17	ND	ND	22
16760	8.4	.33	159	ND	46	3	1.47	7.9	5	32	942	5.50	.04	.67	3247	3	.97	19	.13	103	ND	ND	24	ND	89	ND	ND	2639
16761	2.2	.18	49	ND	9	ND	.03	.1	9	36	11017	5.31	.04	.06	83	5	.13	2	.04	36	ND	ND	12	ND	45	ND	ND	83
16762	13.2	.39	119	ND	8	ND	.18	.1	23	68	31722	11.68	.04	.14	113	26	.34	16	.09	23	3	ND	9	ND	7	ND	ND	287
16763	.4	.25	20	ND	124	ND	.01	.1	3	7	527	2.20	.06	.01	12	4	.03	6	.03	8	ND	ND	9	ND	9	ND	ND	12
16764	.8	.37	10	ND	167	ND	.01	.1	3	85	204	1.68	.06	.04	24	25	.02	ND	.03	4	ND	ND	7	ND	51	5	ND	12
16765	.4	.42	9	ND	710	ND	.01	.1	1	30	256	1.65	.04	.17	32	37	.03	3	.04	7	ND	ND	6	ND	103	3	3	12
16766	.6	.19	23	ND	46	3	.01	.1	8	133	203	5.07	.03	.01	161	627	.03	4	.05	43	ND	ND	8	ND	80	ND	ND	44
16767	.2	.25	14	ND	10	ND	.01	.1	17	14	225	4.42	.05	.02	24	108	.07	8	.01	12	ND	ND	9	ND	33	ND	ND	15
16768	2.2	.08	17	ND	137	ND	.01	.1	1	138	106	1.00	.04	.01	24	20	.01	2	.01	3	ND	ND	6	ND	2	7	ND	10
16769	.8	.46	35	ND	765	ND	.02	.1	2	46	840	3.67	.05	.13	195	34	.07	6	.12	8	ND	ND	6	ND	57	4	ND	36
16770	.1	2.56	14	ND	927	ND	.07	.1	3	106	530	4.47	.01	1.87	474	5	.15	14	.21	2	ND	ND	6	ND	64	ND	ND	162
16771	.6	.30	9	ND	575	ND	.01	.1	ND	12	21	.90	.05	.03	25	32	.01	1	.08	11	ND	ND	5	ND	38	5	3	7
16772	.1	.07	66	5	40	ND	.02	.1	ND	8	1641	42.37	.10	.04	13	23	.72	ND	.28	11	ND	ND	--	ND	5	ND	ND	ND
16773	2.6	1.36	142	ND	248	ND	.04	.1	ND	14	603	11.39	.10	.59	509	6	.23	1	.19	297	ND	ND	510	ND	17	ND	ND	101
16774	2.3	.82	67	ND	281	ND	.01	.1	ND	8	218	4.06	.13	.12	63	3	.07	ND	.09	180	ND	ND	18	ND	27	ND	ND	21
16775	2.3	.65	131	ND	332	ND	.01	.1	ND	27	546	7.23	.09	.07	47	6	.13	ND	.12	226	ND	ND	22	ND	44	ND	ND	46
16776	3.2	1.34	77	ND	87	3	.23	.6	2	6	103	3.81	.08	.74	771	6	.19	ND	.15	54	ND	ND	12	ND	8	ND	ND	394
16777	1.9	.96	47	ND	66	3	.14	.1	1	18	42	2.29	.09	.42	400	7	.06	ND	.13	303	ND	ND	10	ND	5	ND	5	69
16778	2.7	.58	144	ND	66	5	.10	.1	1	9	68	2.84	.08	.17	215	20	.11	1	.11	76	ND	ND	10	ND	4	5	ND	224
16779	.2	1.65	28	ND	52	5	.65	.1	13	109	310	4.13	.03	1.26	1732	15	.10	33	.13	18	ND	ND	6	ND	12	ND	ND	73
16780	.1	1.54	33	ND	74	ND	.21	.1	15	43	272	4.63	.02	1.08	1642	18	.12	29	.10	27	ND	ND	7	ND	6	ND	ND	37
16781	1.6	1.22	61	ND	67	4	.36	2.2	15	69	368	3.91	.24	.72	1379	9	.28	32	.08	143	ND	ND	9	ND	6	ND	ND	577
16782	.8	1.59	20	ND	43	ND	.23	.1	6	56	107	4.48	.04	1.05	1535	8	.10	25	.13	45	ND	ND	12	ND	6	ND	ND	82
16783	.3	2.14	16	ND	41	5	.43	.1	9	40	114	4.56	.06	1.34	2005	10	.16	25	.17	36	ND	ND	9	ND	7	ND	ND	147
16784	.7	1.83	18	ND	102	4	.36	.1	6	57	116	3.53	.07	1.04	1110	18	.09	23	.18	37	ND	ND	12	ND	8	ND	ND	53
16785	2.2	1.78	48	ND	67	ND	.26	.1	4	35	162	6.17	.05	1.03	539	4	.12	4	.17	34	ND	ND	12	ND	11	ND	ND	34
16786	3.7	1.60	.3	ND	44	4	.22	.1	7	27	238	5.74	.05	.50	873	12	.13	6	.16	44	ND	ND	11	ND	7	ND	ND	94
16787	33.1	.76	115	23	50	6	.11	.1	3	19	130	3.85	.07	.24	291	9	.10	5	.11	57	ND	ND	9	ND	9	3	ND	128
16788	8.8	.41	274	3	99	5	.07	.1	1	13	155	4.72	.03	.05	164	4	.10	2	.10	61	ND	ND	70	ND	3	3	ND	125
16789	10.5	.29	434	4	84	ND	.01	.1	1	13	206	2.63	.08	.02	38	1	.05	5	.09	53	ND	ND	140	ND	6	6	3	40
16790	.1	1.11	14	ND	976	5	.01	.1	9	93	522	4.87	.05	.53	2173	13	.16	4	.01	10	ND	ND	10	ND	34	ND	ND	308
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: WESTERN CANADIAN MINING JOB#: 870689 PROJECT: KERR 9101 REPORT: 870689PA DATE: 87/09/15

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16791	.6	1.19	157	ND	53	ND	.28	.1	24	3	172	5.04	.09	.32	740	1	.10	4	.15	95	ND	ND	11	ND	9	ND	3	61
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 870720 GA JOB NUMBER: 870720 **WESTERN CDN. MINING CORP.** PAGE 1 OF 1

SAMPLE #	Au ppb
16501	310
16502	200
16503	nd
16504	120
16505	1990
16506	420
16507	685
16508	680
16509	650
16510	850
16511	370
16792	1090
16793	250
16794	25
16795	90
16796	6890
16797	200
16798	370
16799	1710
16800	100

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SR,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 9101

REPORT#: PA
JOB#: 870720
INVOICE#: NA

DATE RECEIVED: 87/07/14
DATE COMPLETED: 87/07/23
COPY SENT TO:

ANALYST W. Reeves

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16501	.1	.08	115	ND	4	ND	.01	.1	8	88	221	10.19	.08	.01	17	6	.30	4	.01	18	ND	ND	14	5	120	ND	ND	108
16502	.2	.35	124	ND	4	ND	.30	.1	15	44	196	8.55	.12	.06	26	2	.24	23	.17	149	ND	ND	22	3	22	ND	ND	100
16503	.1	.24	7	ND	4	ND	.01	.3	13	60	36	5.11	.10	.01	8	3	.12	27	.02	10	ND	ND	9	1	32	ND	ND	7
16504	.1	.25	23	ND	4	ND	.01	.1	15	40	56	6.45	.11	.02	8	3	.16	17	.05	16	ND	ND	11	3	18	ND	ND	15
16505	3.7	.14	111	ND	112	ND	.01	.2	ND	173	87	.56	.06	.01	20	1	.01	4	.01	23	ND	ND	251	ND	10	ND	ND	7
16506	2.9	.13	54	ND	87	ND	.01	.2	ND	165	103	.43	.07	.01	21	6	.01	4	.01	16	ND	ND	336	ND	8	6	4	8
16507	.5	1.03	8	ND	7	ND	.19	.1	11	98	5630	6.66	.10	.81	126	2	.22	4	.11	4	ND	ND	8	10	12	ND	ND	79
16508	6.8	.27	189	ND	10	ND	.01	3.3	3	118	2388	3.68	.09	.06	23	8	.12	4	.02	23	ND	ND	316	2	18	3	ND	94
16509	3.2	.11	1752	ND	224	ND	.01	.1	1	195	1813	1.38	.05	.01	23	6	.08	4	.01	80	ND	ND	69	ND	16	ND	ND	136
16510	1.0	.18	240	ND	37	ND	.05	.1	3	100	1276	5.23	.08	.02	20	6	.14	3	.10	14	ND	ND	16	ND	17	ND	ND	26
16511	4.8	.14	496	ND	33	ND	.27	32.5	6	149	209	2.40	.08	.09	1082	1	2.56	11	.05	205	ND	ND	24	ND	7	ND	ND	6642
16792	1.3	.30	26	ND	196	ND	.04	.6	1	54	173	1.98	.10	.05	29	30	.06	1	.12	38	ND	ND	7	ND	11	9	ND	78
16793	1.1	.29	56	ND	50	ND	.01	.3	ND	60	29	1.14	.09	.02	20	19	.01	ND	.05	40	ND	ND	7	ND	2	3	3	23
16794	.1	.27	25	ND	60	ND	.02	.1	7	118	730	6.43	.13	.03	1233	11	.22	5	.14	125	ND	ND	10	ND	2	3	ND	205
16795	.2	.79	272	ND	10	ND	.29	.1	30	47	938	8.18	.15	.27	226	4	.25	25	.17	43	ND	ND	17	ND	3	ND	ND	121
16796	4.6	.19	283	5	46	ND	.01	.1	3	105	158	3.07	.08	.01	28	5	.08	10	.11	55	ND	ND	61	ND	6	3	ND	41
16797	2.4	.32	155	ND	17	ND	.19	2.0	15	62	41	7.69	.13	.04	437	2	.45	23	.19	268	ND	ND	9	ND	15	ND	ND	736
16798	.1	2.68	37	7	13	ND	.64	.1	43	49	2490	21.04	.17	.68	4878	23	.83	13	.38	5	ND	ND	4	ND	37	ND	ND	755
16799	15.3	.25	662	ND	55	ND	.06	.1	4	120	828	2.64	.09	.01	48	8	.08	5	.11	116	ND	ND	405	ND	13	3	ND	81
16800	1.4	.44	204	ND	55	ND	.18	.1	6	38	1385	3.22	.12	.08	121	5	.12	3	.15	172	ND	ND	9	ND	12	ND	ND	129
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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1630 PANDORA ST.
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(604) 251-5656

REPORT NUMBER: 870755 AA | JOB NUMBER: 870755 | WESTERN CDN. MINING CORP. | PAGE 1 OF 2

SAMPLE #	Ag ppm	Au oz/st
16801	5.7	.048
16802	1.8	.055
16803	4.5	.047
16804	3.7	.079
16805	4.4	.171
16806	3.1	.054
16807	3.2	--
16808	1.2	--
16809		--
16810		--
16811		--
16812		--
16813		--
16814		--
16815		--
16816		--
16817		--
16818		--
16819		--
16820		--

Σ 3.27 ppm
.113 oz

TRENCH C-1
.07602/ton Au
12m.
.113 oz/ton Ag
0-2
2-4
4-6
6-8
8-10
10-12
12-14
14-16
16-18
0-2

TRENCH C-2

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 870755 AA | JOB NUMBER: 870755 | WESTERN CDN. MINING CORP. | PAGE 2 OF 2

SAMPLE #	Ag ppm	Au oz/st	
16821	2.5	--	22-24
16822	2.3	--	24-26
16823	4.8	.095	26-28
16824	6.9	.080	28-30
16825	8.0	.089	30-32
16826	5.1	.089	32-34
16827	8.6	.077	34-36
16828	11.7 pyrite +	.163	36-38
16829	10.2 silica	.090	38-40
16830	3.2	.074	40-42
16831	6.9	.080	42-44

7.21 (.21 oz/ton)

0.093 oz/ton Au
18 m.
.21 oz Au
Trench C-2

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870755 GA JOB NUMBER: 870755 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
16801	1640
16802	1880
16803	1610
16804	2700
16805	5860
16806	1850
16807	785
16808	545
16809	510
16810	150
16811	340
16812	100
16813	60
16814	80
16815	50
16816	60
16817	35
16818	30
16819	40
16820	130
16821	300
16822	650
16823	3250
16824	2740
16825	3050
16826	3040
16827	2640
16828	5590
16829	3080
16830	2530
16831	2740

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870755 AA JOB NUMBER: B70755 WESTERN CDN. MINING CORP.

SAMPLE #	Au oz/st	Au oz/st
(870755) 16801	.048	.038
(870755) 16802	.055	.035
(870755) 16803	.047	.025
(870755) 16804	.079	.059
(870755) 16805	.171	.166
(870755) 16806	.054	.048
(870755) 16823	.095	.099
(870755) 16824	.080	.080
(870755) 16825	.089	.083
(870755) 16826	.089	.076
(870755) 16827	.077	.086
(870755) 16828	.163	.160
(870755) 16829	.090	.086
(870755) 16830	.074	.064
(870755) 16831	.080	.083
(871021) 17288	.030	.031
(871021) 17292	.083	.099
(871021) 17295	.117	.129
(871021) 17322	.027	.045
(871058) 16548	.193	.228
DETECTION LIMIT	.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st	Au oz/st
(871058) 16549	.057	.074
(871058) 16550	.034	.038
(871058) 16625	.036	.045
(871058) 16664	.029	.038
(871058) 16666	.080	.077
(871058) 16667	.037	.042
(871058) 16670	.098	.109
(871058) 16671	.065	.066
(871058) 16672	.033	.038
(871115) 17436	2.014	2.027
(871115) 17437	.087	.099
(871115) 17438	.054	.060
(871115) 17439	.136	.138
(871213) 03544	.621	.607
(871213) 03545	.128	.099
(871213) 03546	.059	.059
(871213) 03548	.082	.076
(871213) 03549	.029	.020
DETECTION LIMIT	.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JOHN KOWALCHUK
PROJECT: 9101

REPORT#: PA
JOB#: 870755
INVOICE#: NA

DATE RECEIVED: 87/07/17
DATE COMPLETED: 87/07/23
COPY SENT TO:

ANALYST C.J. Rennes

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16801	5.7	.27	191	ND	143	ND	.02	.1	2	29	257	4.10	.08	.03	345	3	.12	5	.08	94	ND	ND	23	ND	9	ND	ND	91
16802	1.8	.29	105	ND	121	ND	1.50	.1	4	34	172	4.94	.10	.56	5842	2	.23	6	.12	78	ND	ND	8	ND	42	ND	ND	264
16803	4.5	.36	137	ND	159	ND	.07	.1	15	17	247	5.69	.10	.06	2929	1	.27	10	.16	173	ND	ND	10	ND	11	ND	ND	354
16804	3.7	.22	225	ND	156	ND	.07	.1	5	9	168	5.30	.10	.03	1409	2	.19	2	.11	260	ND	ND	18	ND	14	ND	ND	181
16805	4.4	.28	262	ND	32	ND	.02	.1	9	43	85	4.46	.07	.02	144	2	.18	11	.12	255	ND	ND	18	ND	5	ND	ND	208
16806	3.1	.26	220	ND	62	ND	.01	.1	5	12	94	3.66	.07	.02	224	2	.16	7	.12	234	ND	ND	19	ND	3	ND	ND	209
16807	3.2	.30	268	ND	80	ND	.06	.2	4	34	145	4.50	.10	.04	229	3	.21	18	.18	117	ND	ND	25	ND	5	ND	ND	311
16808	1.2	.33	99	ND	83	ND	.08	.1	6	24	73	4.83	.10	.05	551	3	.22	33	.18	118	ND	ND	9	ND	5	ND	ND	305
16809	1.4	.35	50	ND	89	ND	.10	.1	4	22	55	3.57	.09	.04	172	1	.11	10	.20	50	ND	ND	7	ND	7	ND	ND	120
16810	.1	.36	45	ND	9	ND	5.71	23.7	28	10	155	6.31	.10	1.71	12245	ND	1.97	18	.23	152	ND	ND	ND	ND	170	ND	ND	4669
16811	.7	.46	48	ND	7	ND	3.32	2.5	33	30	260	7.13	.13	.90	8386	ND	.48	19	.21	315	ND	ND	6	ND	178	ND	ND	727
16812	.1	.73	31	ND	15	ND	2.72	3.1	29	9	137	7.82	.14	.82	6479	1	.59	21	.25	361	ND	ND	3	ND	80	ND	ND	990
16813	.1	.74	13	ND	55	ND	2.84	.5	26	42	121	3.75	.12	.77	10021	ND	.24	38	.16	44	ND	ND	ND	ND	69	ND	ND	345
16814	.3	.68	43	ND	36	ND	3.16	10.6	25	28	150	4.06	.12	.87	8441	1	.85	38	.14	142	ND	ND	3	ND	95	ND	ND	1935
16815	.1	2.59	26	ND	49	ND	1.85	.1	31	107	105	5.67	.09	2.87	5795	1	.39	34	.14	65	ND	ND	ND	ND	108	ND	ND	484
16816	.1	2.44	38	ND	75	ND	1.04	.5	28	85	107	5.16	.08	2.62	7328	1	.45	39	.16	70	ND	ND	ND	ND	33	ND	ND	695
16817	.1	2.57	36	ND	80	ND	.52	.6	29	84	122	5.72	.08	2.63	5623	2	.45	44	.16	56	ND	ND	ND	ND	27	ND	ND	680
16818	.1	2.56	33	ND	126	ND	1.79	.1	27	73	99	5.52	.10	2.71	6733	1	.42	33	.14	14	ND	ND	ND	ND	76	ND	ND	610
16819	.1	2.25	41	ND	51	ND	1.95	.1	29	62	74	6.13	.11	2.51	6536	1	.44	33	.15	35	ND	ND	ND	ND	70	ND	ND	619
16820	.1	1.86	67	ND	30	ND	2.77	1.1	22	54	76	6.14	.11	2.07	5732	1	.45	23	.14	119	ND	ND	ND	ND	137	ND	ND	657
16821	2.5	.32	107	ND	81	ND	.05	.1	7	20	91	5.18	.11	.05	430	1	.18	6	.16	143	ND	ND	11	ND	6	4	ND	178
16822	2.3	.34	150	ND	103	ND	.02	.1	1	6	85	4.16	.11	.04	258	ND	.15	ND	.14	132	ND	ND	12	ND	4	ND	ND	163
16823	4.8	.33	249	ND	360	ND	.01	.1	1	22	51	2.83	.10	.03	104	ND	.08	2	.08	225	ND	ND	22	ND	22	4	ND	74
16824	6.9	.27	329	ND	87	ND	.02	.1	1	10	46	2.08	.09	.03	80	1	.06	2	.06	168	ND	ND	31	1	5	4	ND	73
16825	8.0	.22	500	ND	87	ND	.01	.1	ND	39	57	1.87	.09	.01	37	2	.07	1	.09	92	ND	ND	40	ND	7	5	ND	112
16826	5.1	.26	487	ND	53	ND	.03	.6	3	20	130	3.29	.09	.02	344	1	.23	9	.16	117	ND	ND	28	ND	7	ND	ND	436
16827	8.6	.23	556	ND	51	ND	.01	.4	1	42	113	3.08	.09	.02	50	1	.20	2	.11	213	ND	ND	38	ND	5	ND	ND	370
16828	11.2	.17	1124	ND	28	ND	.01	.1	3	10	198	4.20	.07	.01	40	4	.22	11	.06	228	ND	ND	40	ND	1	ND	ND	348
16829	10.2	.24	788	ND	47	4	.02	.1	4	41	348	3.86	.10	.02	122	3	.14	12	.17	218	ND	ND	68	ND	8	3	ND	179
16830	3.2	.28	436	ND	56	ND	.01	.1	1	7	55	3.69	.10	.02	319	1	.15	ND	.15	298	ND	ND	28	ND	7	4	ND	199
16831	6.9	.29	372	ND	63	ND	.02	.1	1	24	73	3.91	.09	.02	218	1	.20	1	.14	1488	ND	ND	41	ND	10	ND	ND	328
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JOHN KOWALCHUK
PROJECT: 9101

REPORT#: PA
JOB#: 870755
INVOICE#: NA

DATE RECEIVED: 87/07/17
DATE COMPLETED: 87/07/23
COPY SENT TO:

ANALYST A. Reeves

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CD 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
16801	5.7	.27	191	ND	143	ND	.02	.1	2	29	257	4.10	.08	.03	345	3	.12	5	.08	94	ND	ND	23	ND	9	ND	ND	91
16802	1.8	.29	105	ND	121	ND	1.50	.1	4	34	172	4.94	.10	.56	5842	2	.23	6	.12	78	ND	ND	8	ND	42	ND	ND	264
16803	4.5	.36	137	ND	159	ND	.07	.1	15	17	247	5.69	.10	.06	2929	1	.27	10	.16	173	ND	ND	10	ND	11	ND	ND	354
16804	3.7	.22	225	ND	156	ND	.07	.1	5	9	168	5.30	.10	.03	1409	2	.19	2	.11	260	ND	ND	18	ND	14	ND	ND	181
16805	4.4	.28	262	ND	32	ND	.02	.1	9	43	85	4.46	.07	.02	144	2	.18	11	.12	255	ND	ND	18	ND	5	ND	ND	208
16806	3.1	.26	220	ND	62	ND	.01	.1	5	12	99	3.66	.07	.02	224	2	.16	7	.12	234	ND	ND	19	ND	3	ND	ND	209
16807	3.2	.30	268	ND	80	ND	.06	.2	4	34	145	4.50	.10	.04	229	3	.21	18	.18	117	ND	ND	25	ND	5	ND	ND	311
16808	1.2	.33	99	ND	83	ND	.08	.1	6	24	73	4.83	.10	.05	531	3	.22	33	.18	118	ND	ND	9	ND	5	ND	ND	305
16809	1.4	.35	50	ND	89	ND	.10	.1	4	22	55	3.57	.09	.04	172	1	.11	10	.20	50	ND	ND	7	ND	7	ND	ND	120
16810	.1	.36	45	ND	9	ND	5.71	23.7	28	10	155	6.31	.10	1.71	12245	ND	1.97	18	.23	152	ND	ND	ND	ND	170	ND	ND	4669
16811	.7	.46	48	ND	7	ND	3.32	2.5	33	30	260	7.13	.13	.90	8386	ND	.48	19	.21	315	ND	ND	6	ND	178	ND	ND	727
16812	.1	.73	31	ND	15	ND	2.72	3.1	29	9	137	7.82	.14	.82	6479	1	.59	21	.25	361	ND	ND	3	ND	80	ND	ND	990
16813	.1	.74	13	ND	55	ND	2.84	.5	26	42	121	3.75	.12	.77	10021	ND	.24	38	.16	44	ND	ND	ND	ND	69	ND	ND	345
16814	.3	.68	43	ND	36	ND	3.16	10.6	25	28	150	4.06	.12	.87	8441	1	.85	38	.14	142	ND	ND	3	ND	95	ND	ND	1935
16815	.1	2.59	26	ND	49	ND	1.85	.1	31	107	105	5.67	.09	2.87	5795	1	.39	34	.14	65	ND	ND	ND	ND	108	ND	ND	484
16816	.1	2.44	38	ND	75	ND	1.04	.5	28	85	107	5.16	.08	2.62	7328	1	.45	39	.16	70	ND	ND	ND	ND	33	ND	ND	695
16817	.1	2.57	36	ND	80	ND	.52	.6	29	84	122	5.72	.08	2.63	5623	2	.45	44	.16	56	ND	ND	ND	ND	27	ND	ND	680
16818	.1	2.56	33	ND	126	ND	1.79	.1	27	73	99	5.52	.10	2.71	6733	1	.42	33	.14	14	ND	ND	ND	ND	76	ND	ND	610
16819	.1	2.25	41	ND	51	ND	1.95	.1	29	62	74	6.13	.11	2.51	6536	1	.44	33	.15	35	ND	ND	ND	ND	70	ND	ND	619
16820	.1	1.86	67	ND	30	ND	2.77	1.1	22	54	76	6.14	.11	2.07	5732	1	.45	23	.14	119	ND	ND	ND	ND	137	ND	ND	657
16821	2.5	.32	107	ND	81	ND	.05	.1	7	20	91	5.18	.11	.05	430	1	.18	6	.16	143	ND	ND	11	ND	6	4	ND	178
16822	2.3	.34	150	ND	103	ND	.02	.1	1	6	85	4.16	.11	.04	258	ND	.15	ND	.14	132	ND	ND	12	ND	4	ND	ND	163
16823	4.8	.33	249	ND	360	ND	.01	.1	1	22	51	2.83	.10	.03	104	ND	.08	2	.08	225	ND	ND	22	ND	22	4	ND	74
16824	6.9	.27	329	ND	87	ND	.02	.1	1	10	46	2.08	.09	.03	80	1	.06	2	.06	166	ND	ND	31	1	5	4	ND	73
16825	8.0	.22	500	ND	87	ND	.01	.1	ND	39	57	1.87	.09	.01	37	2	.07	1	.09	92	ND	ND	40	ND	7	5	ND	112
16826	5.1	.26	487	ND	53	ND	.03	.6	3	20	130	3.29	.09	.02	344	1	.23	9	.16	117	ND	ND	28	ND	7	ND	ND	436
16827	8.6	.23	556	ND	51	ND	.01	.4	1	42	113	3.08	.09	.02	50	1	.20	2	.11	213	ND	ND	38	ND	5	ND	ND	370
16828	11.2	.17	1124	ND	28	ND	.01	.1	3	10	198	4.20	.07	.01	40	4	.22	11	.06	228	ND	ND	40	ND	1	ND	ND	348
16829	10.2	.24	788	ND	47	4	.02	.1	4	41	348	3.86	.10	.02	122	3	.14	12	.17	218	ND	ND	68	ND	8	3	ND	179
16830	3.2	.28	436	ND	56	ND	.01	.1	1	7	55	3.69	.10	.02	319	1	.15	ND	.15	296	ND	ND	28	ND	7	4	ND	199
16831	6.9	.29	372	ND	63	ND	.02	.1	1	24	73	3.91	.09	.02	218	1	.20	1	.14	1488	ND	ND	41	ND	10	ND	ND	328
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870832 GA JOB NUMBER: B70832 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
16512	50
16513	10
16526	150
16527	120
16528	320
16529	200
16530	900
16531	450
16532	30
16533	45
16534	nd
16535	60
16536	1320
16537	630
16832	80
16833	70
16834	300
16835	60
16836	640
16837	340
16838	1170
16839	460
16840	100
16841	80
16842	60
16843	60
16844	280
16845	490
16846	1050
16847	960
16848	350
16849	190
16850	100
16851	80
17001	120
17002	190
17003	100
17004	140
17005	140
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
17006	350
17007	1100
17008	240
17009	210
17010	20
17011	180
17012	260
17013	360
17014	2575
17015	nd
17016	840
17017	260
17018	140
17019	160
17020	380
17021	540
17022	250
17023	430
17024	120
17025	420
17026	170
17027	110
17028	50
17029	40
17030	35
17031	380
17032	3500
17033	240
17034	60
17035	120
17036	100
17037	360
17038	240
17039	195
17040	180
17041	460
17042	200
17043	160
17044	1900
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
17045	730
17046	690
17047	130
17048	80
17049	110
17050	60
17051	55
17052	70
17053	100
17054	125
17055	250
17056	360

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,ZR AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JEAN BLACKS
PROJECT: KERR 9101

REPORT#: PA
JOB#: 870833
INVOICE#: NA

DATE RECEIVED: 87/07/24
DATE COMPLETED: 87/07/30
COPY SENT TO:

ANALYST W. Reuss

SAMPLE NAME	AG PPM	AL %	AS PPM	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
KS 87-1	2.6	.58	45	ND	262	ND	.03	.1	1	ND	80	2.28	.02	.21	238	42	.01	4	.07	62	ND	ND	19	2	81	7	12	39
KS 87-2	.1	2.82	79	ND	87	ND	.40	.2	36	18	479	7.84	.01	2.05	5317	18	.01	13	.23	135	ND	ND	15	ND	32	ND	ND	402
KS 87-3	3.6	1.90	527	ND	114	ND	.07	.1	26	19	615	8.78	.01	1.21	4304	17	.01	9	.21	1329	ND	ND	24	ND	25	ND	ND	466
KS 87-4	.1	2.78	231	ND	127	ND	.24	.1	16	10	365	6.38	.01	.51	2726	9	.01	9	.24	116	ND	ND	15	ND	66	ND	ND	269
KS 87-5	.1	2.77	387	ND	101	ND	.29	.1	31	8	92	6.79	.01	1.49	5966	4	.01	6	.21	608	ND	ND	12	ND	18	ND	ND	244
KS 87-6	.1	2.43	218	ND	151	ND	.53	.1	25	7	83	5.59	.01	1.50	4607	3	.01	8	.22	141	ND	ND	8	ND	25	ND	ND	263
KS 87-7	.1	2.09	206	ND	161	ND	.35	.1	21	14	113	5.46	.01	.94	4070	6	.01	10	.18	127	ND	ND	11	ND	24	ND	ND	249
KS 87-8	6.6	1.94	245	ND	73	ND	.12	.1	11	10	288	6.26	.04	.30	2772	10	.01	6	.16	169	ND	ND	35	2	17	ND	ND	197
KS 87-9	.1	1.37	129	ND	92	ND	.32	.1	9	16	66	4.34	.04	.69	1777	3	.01	10	.24	71	ND	ND	8	ND	20	ND	ND	151
KS 87-10	1.6	.45	25	ND	40	3	.03	.1	1	ND	16	1.18	.04	.06	236	7	.01	1	.05	45	ND	ND	6	3	44	9	7	33
KS 87-11	.3	2.03	100	8	47	ND	.06	.1	5	11	109	6.43	.01	.21	554	13	.01	3	.08	170	ND	ND	16	10	28	ND	ND	82
KS 87-12	.8	1.06	103	ND	113	ND	.08	.1	7	5	182	3.67	.02	.22	727	21	.01	5	.14	140	ND	ND	13	ND	88	3	ND	97
KS 87-13	.1	4.22	563	ND	45	ND	.44	.1	80	11	1486	9.10	.01	.94	3510	7	.01	31	.27	80	ND	ND	18	ND	43	ND	ND	362
KS 87-14	.1	3.29	513	3	47	ND	.21	.1	38	7	322	8.30	.01	.45	3230	8	.01	8	.17	61	ND	ND	16	ND	15	ND	ND	162
KS 87-15	.1	2.06	314	ND	94	ND	.33	.1	31	1	151	7.93	.01	.47	5252	6	.01	3	.22	204	ND	ND	15	ND	18	ND	ND	221
KS 87-16	.2	1.65	257	ND	80	ND	.25	.1	16	2	124	5.29	.02	.32	2164	5	.01	3	.24	60	ND	ND	9	ND	16	ND	ND	115
KS 87-17	.3	1.81	715	3	109	ND	.12	.1	15	3	121	12.20	.02	.13	4505	8	.01	8	.24	76	ND	ND	18	1	10	ND	ND	138
KS 87-18	.1	1.07	273	ND	176	ND	.57	.1	13	1	100	5.62	.03	.24	3705	5	.01	3	.26	72	ND	ND	8	ND	39	ND	ND	180
KS 87-19	.1	1.21	342	ND	57	ND	.06	.1	ND	21	1228	22.82	.01	.24	355	129	.01	ND	.73	23	ND	ND	11	ND	9	ND	ND	35
KS 87-20	.1	1.87	449	ND	22	ND	.07	.1	ND	33	1473	22.01	.01	.37	370	72	.01	2	.48	14	ND	ND	15	ND	7	ND	ND	43
KS 87-21	.1	1.88	72	3	116	ND	.17	.1	5	22	1399	14.00	.02	.60	530	17	.01	11	.19	67	ND	ND	15	ND	57	ND	ND	51
KS 87-22	.1	3.88	161	ND	58	ND	.26	.1	38	12	619	7.94	.01	.56	2341	17	.01	14	.22	46	ND	ND	20	ND	53	ND	ND	131
KS 87-23	.5	3.25	128	ND	98	ND	.16	.1	25	23	576	5.88	.04	.46	1253	12	.01	9	.23	45	ND	ND	17	ND	239	ND	ND	104
KS 87-24	.1	2.11	1383	ND	48	ND	.18	.1	28	5	459	9.53	.02	.31	2789	8	.01	8	.16	131	ND	ND	19	ND	21	ND	ND	178
KS 87-25	.1	2.23	379	ND	110	ND	.24	.1	25	5	268	6.43	.02	.34	3119	9	.01	7	.21	66	ND	ND	12	ND	32	ND	ND	179
KS 87-26	.1	1.54	168	ND	72	ND	.18	.1	27	1	157	4.59	.03	.41	3621	6	.01	5	.22	40	ND	ND	9	ND	17	ND	ND	113
KS 87-27	.1	1.63	222	ND	194	ND	.70	.1	23	1	109	4.99	.02	.40	3961	5	.01	7	.23	45	ND	ND	7	ND	47	ND	ND	171
KS 87-28	.3	.86	141	ND	62	ND	.19	.1	5	1	82	3.93	.06	.08	957	8	.01	4	.19	30	ND	ND	8	6	14	6	ND	86
KS 87-29	.1	4.92	365	ND	26	ND	.12	.1	48	8	731	11.02	.01	.81	2877	21	.01	8	.17	44	ND	ND	29	ND	14	ND	ND	108
KS 87-30	.1	2.87	231	ND	24	ND	.28	.1	35	2	990	9.86	.01	.37	2405	13	.01	5	.24	40	ND	ND	22	ND	9	ND	ND	106
KS 87-31	.1	4.30	268	ND	28	ND	.38	.1	36	2	663	9.94	.01	.53	2109	25	.01	6	.22	35	ND	ND	23	ND	13	ND	ND	102
KS 87-32	.1	2.25	310	ND	67	ND	.32	.1	18	5	456	9.41	.01	.62	1662	17	.01	6	.24	30	ND	ND	16	ND	17	ND	ND	104
KS 87-33	1.6	3.77	313	ND	23	ND	.49	.1	75	3	1703	15.48	.01	.60	2492	140	.01	19	.23	66	ND	ND	23	ND	14	ND	ND	265
KS 87-34	.1	2.48	2696	ND	52	ND	.26	.1	18	6	704	10.30	.01	.65	1349	19	.01	8	.22	28	ND	ND	79	ND	17	ND	41	113
KS 87-35	.1	3.67	1088	ND	42	ND	.36	.1	180	8	1996	16.59	.01	.96	6705	13	.01	35	.24	48	ND	ND	39	ND	14	ND	ND	239
KS 87-36	.1	3.43	778	ND	46	ND	.40	.1	69	14	2154	20.33	.01	.52	2155	59	.01	12	.45	42	ND	ND	25	ND	12	ND	ND	106
KS 87-37	1.6	.68	355	ND	73	ND	.02	.1	29	2	270	17.07	.02	.04	6208	6	.01	23	.52	431	ND	ND	5	ND	3	ND	ND	731
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JOHN KOWALCHVIC
PROJECT: KERR 9101

REPORT#: PA
JOB#: B70832
INVOICE#: NA

DATE RECEIVED: 87/7/24
DATE COMPLETED: 87/7/30
COPY SENT TO:

ANALYST W. Fraser

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16512	.1	.56	60	ND	15	ND	.39	1.0	11	15	161	4.12	.05	.31	616	2	.01	22	.09	42	ND	ND	7	ND	28	ND	ND	232
16513	1.5	.17	36	ND	37	ND	.01	.1	4	111	1748	3.05	.06	.02	38	7	.01	9	.01	18	ND	ND	4	ND	4	ND	ND	25
16526	.1	2.48	10	ND	88	ND	.19	.1	15	87	1338	4.52	.02	1.71	146	49	.01	24	.80	57	ND	ND	6	ND	16	ND	ND	70
16527	.8	.07	88	ND	391	ND	.01	.1	1	199	228	1.83	.08	.02	25	12	.01	7	.02	43	ND	ND	20	1	20	7	6	6
16528	1.4	.28	6	ND	627	ND	.01	.1	1	42	247	3.40	.09	.03	14	5	.01	1	.08	23	ND	ND	ND	ND	29	4	ND	28
16529	.4	.50	ND	ND	304	4	.04	.1	ND	30	435	5.07	.07	.19	68	6	.01	ND	.12	6	ND	ND	ND	ND	12	ND	ND	34
16530	4.6	.13	144	3	339	ND	6.92	.1	5	79	498	1.11	.01	2.53	26863	2	.01	5	.01	91	ND	ND	89	ND	92	ND	ND	176
16531	5.7	.33	294	ND	28	ND	.22	.1	15	39	11755	5.91	.07	.09	934	2005	.01	11	.08	233	ND	ND	8	ND	10	ND	ND	325
16532	.1	3.49	26	ND	64	12	1.46	.5	40	23	1013	8.28	.01	1.91	2347	112	.01	7	.17	18	ND	ND	11	9	30	ND	ND	271
16533	.1	.48	9	ND	199	ND	.07	.1	2	9	753	9.22	.07	.32	165	40	.01	2	.13	12	ND	ND	4	ND	7	ND	ND	16
16534	.1	.67	14	ND	68	ND	.11	.4	4	58	67	3.48	.11	.29	1380	17	.01	8	.07	5	ND	ND	5	ND	6	5	5	116
16535	.1	.48	180	ND	189	ND	3.68	.1	17	6	109	4.43	.06	.66	2567	8	.01	40	.21	7	ND	ND	ND	ND	173	ND	ND	55
16536	4.1	.51	337	ND	52	ND	.60	2.0	18	88	204	5.35	.11	.13	930	7	.01	51	.07	305	ND	ND	14	ND	25	ND	ND	498
16537	2.0	1.66	288	ND	61	ND	.29	.1	14	45	175	7.93	.07	.50	1030	5	.01	40	.12	134	ND	ND	22	ND	15	ND	ND	312
16832	.4	.49	45	ND	110	ND	.51	.1	5	22	97	5.27	.08	.34	1192	2	.01	23	.19	76	ND	ND	ND	ND	25	ND	ND	239
16833	.1	1.21	44	ND	57	ND	1.57	4.3	15	23	147	5.41	.01	1.57	4929	1	.01	57	.22	238	ND	ND	ND	ND	69	ND	ND	902
16834	15.2	1.19	231	ND	132	ND	.10	.1	3	27	402	12.64	.05	.62	678	3	.01	9	.23	124	ND	ND	128	ND	4	ND	ND	134
16835	1.6	.47	95	ND	98	ND	.05	.1	1	5	131	5.47	.14	.07	193	2	.01	4	.16	142	ND	ND	8	ND	7	ND	ND	74
16836	3.4	.38	86	ND	86	5	.05	.4	4	15	68	3.01	.14	.04	148	4	.01	13	.12	101	ND	ND	5	ND	5	9	ND	290
16837	2.0	.48	88	ND	139	ND	.05	1.2	10	7	197	5.23	.12	.06	2657	2	.01	7	.16	213	ND	ND	7	ND	8	5	ND	459
16838	4.5	.80	218	ND	117	3	.13	.9	8	16	183	5.21	.11	.28	1115	2	.01	13	.17	457	ND	ND	16	ND	18	ND	ND	457
16839	.5	.98	67	ND	91	ND	.77	32.5	11	31	120	4.82	.05	.78	7463	3	.01	51	.17	455	ND	ND	4	ND	39	ND	ND	3850
16840	.1	2.01	48	ND	95	ND	1.02	4.3	14	77	90	5.19	.01	1.66	8488	3	.01	91	.15	207	ND	ND	ND	ND	35	ND	ND	970
16841	.1	1.63	48	ND	115	ND	.62	1.7	17	17	92	6.22	.02	1.13	8459	2	.01	22	.15	230	ND	ND	3	ND	29	ND	ND	633
16842	.1	.88	89	ND	110	ND	.32	.3	9	13	84	8.13	.07	.52	5389	1	.01	11	.19	331	ND	ND	4	ND	17	ND	ND	375
16843	.9	.49	72	ND	100	ND	.42	.8	4	7	61	4.56	.10	.15	2049	1	.01	8	.16	346	ND	ND	ND	ND	17	ND	ND	386
16844	3.3	.37	122	ND	205	ND	.06	.1	3	10	96	4.00	.12	.04	537	2	.01	9	.16	556	ND	ND	5	ND	10	ND	ND	287
16845	1.7	.41	160	ND	109	ND	.06	.1	4	12	86	4.83	.13	.04	393	2	.01	11	.19	428	ND	ND	7	ND	10	3	ND	220
16846	2.7	.45	178	ND	84	3	.13	.6	9	19	116	5.26	.10	.11	533	3	.01	33	.18	358	ND	ND	13	ND	10	ND	ND	336
16847	3.7	.37	163	ND	49	5	.14	4.9	9	15	127	4.55	.12	.03	173	3	.01	30	.18	346	ND	ND	16	ND	12	ND	ND	974
16848	3.0	.33	115	ND	79	ND	.09	.1	7	18	120	4.53	.11	.02	134	3	.01	26	.16	257	ND	ND	13	ND	10	4	ND	162
16849	1.6	.32	58	ND	100	4	.18	.1	11	9	152	4.60	.12	.03	957	1	.01	25	.17	135	ND	ND	3	ND	11	ND	ND	231
16850	.2	.90	52	ND	132	ND	.94	.4	12	14	111	4.19	.06	.73	3237	2	.01	31	.14	136	ND	ND	ND	ND	63	ND	ND	241
16851	.7	.78	70	ND	126	6	.19	.1	16	11	120	6.98	.07	.36	1773	1	.01	15	.17	151	ND	ND	4	ND	14	ND	ND	332
17001	.1	1.17	44	ND	15	ND	3.33	9.2	26	35	161	6.70	.01	2.08	6102	1	.01	20	.21	75	ND	ND	ND	ND	106	ND	ND	1732
17002	.1	.57	33	ND	30	ND	2.63	7.5	30	34	209	6.92	.02	.64	4170	2	.01	22	.27	70	ND	ND	ND	ND	86	ND	ND	1713
17003	.1	.54	35	ND	27	ND	3.84	3.0	27	41	166	5.88	.01	.75	4971	1	.01	20	.23	42	ND	ND	ND	ND	135	ND	ND	708
17004	.1	.46	28	ND	8	ND	4.31	4.1	25	29	150	6.42	.01	1.55	5969	ND	.01	19	.21	47	ND	ND	ND	ND	150	ND	ND	880
17005	.1	.52	82	ND	14	ND	4.06	1.9	24	41	123	6.98	.01	1.41	5573	2	.01	19	.21	84	ND	ND	ND	ND	131	ND	ND	544
DETECTION LIMIT	.1	.01	2	3	1	2	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	3	4	2	1	1	1	1

CLIENT: WESTERN CANADIAN MINING JOB#: 870832 PROJECT: KERR 9101 REPORT: PA DATE: 87/7/30 PAGE 2 OF 3

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CU PPM	CR PPM	LU 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
17006	.1	.46	93	ND	24	ND	3.61	6.0	26	35	200	7.56	.01	.74	4321	2	.01	22	.22	138	ND	ND	ND	ND	121	ND	ND	1243
17007	5.5	.30	304	ND	22	ND	2.64	6.3	28	53	632	8.41	.01	.82	5396	3	.01	23	.21	265	ND	ND	13	ND	81	ND	ND	1436
17008	.7	.49	100	ND	19	ND	4.17	11.0	25	35	472	6.81	.01	1.17	7092	1	.01	17	.20	148	ND	ND	ND	ND	140	ND	ND	2217
17009	1.4	.49	25	ND	17	ND	5.06	12.7	21	56	289	5.92	.01	.52	4358	2	.01	18	.19	414	ND	ND	ND	ND	275	ND	ND	2289
17010	.1	.42	30	ND	14	ND	5.87	13.8	24	34	219	6.05	.01	.83	5177	ND	.01	17	.19	211	ND	ND	ND	ND	292	ND	ND	2314
17011	.1	.42	42	ND	24	ND	4.01	19.2	23	42	132	6.58	.01	1.57	7025	1	.01	23	.18	202	ND	ND	ND	ND	132	ND	ND	3008
17012	.3	.35	69	ND	36	ND	3.10	28.3	25	44	258	5.58	.01	1.28	7439	1	.01	38	.13	198	ND	ND	ND	ND	92	ND	ND	4958
17013	.1	.36	105	ND	27	ND	2.35	1.0	26	63	385	7.78	.01	.84	4937	2	.01	44	.15	75	ND	ND	ND	ND	76	ND	ND	584
17014	2.8	.27	307	ND	17	ND	.81	.1	24	47	577	7.94	.04	.24	1339	2	.01	56	.17	39	ND	ND	14	ND	28	11	ND	472
17015	2.3	.27	380	ND	24	ND	1.44	4.3	20	64	933	6.33	.02	.48	3077	4	.01	117	.16	28	ND	ND	20	ND	44	4	ND	1415
17016	2.5	.28	456	ND	21	ND	3.18	.1	11	10	643	8.68	.01	1.30	9022	ND	.01	71	.13	57	ND	ND	10	ND	80	ND	ND	141
17017	5.1	.30	479	ND	22	ND	2.58	1.2	15	45	859	6.19	.01	1.04	7071	2	.01	111	.13	25	ND	ND	29	ND	70	ND	ND	798
17018	.1	.34	140	ND	34	ND	2.40	7.0	18	11	214	5.41	.01	1.04	6698	ND	.01	88	.17	39	ND	ND	ND	ND	63	ND	ND	1928
17019	.1	.35	124	ND	43	ND	1.87	1.5	15	54	641	4.50	.01	.82	5642	4	.01	75	.15	50	ND	ND	12	ND	50	ND	ND	515
17020	1.6	.29	208	ND	38	ND	1.62	.1	15	22	828	4.91	.01	.49	4956	2	.01	96	.10	57	ND	ND	22	ND	47	3	ND	236
17021	7.2	.24	295	ND	30	ND	.62	2.3	14	9	541	5.77	.01	.14	1211	1	.01	68	.10	71	ND	ND	46	ND	17	9	ND	547
17022	1.8	.32	110	ND	23	ND	1.11	2.2	19	56	185	6.84	.01	.43	4149	4	.01	116	.13	141	ND	ND	ND	ND	40	4	ND	446
17023	7.1	.33	392	ND	12	ND	.61	8.1	18	23	339	10.83	.01	.26	2854	4	.01	132	.11	308	ND	ND	3	ND	20	ND	ND	1866
17024	.1	.39	92	ND	29	ND	1.76	15.0	23	48	225	5.85	.01	.74	6608	3	.01	131	.16	178	ND	ND	ND	ND	54	ND	ND	2668
17025	6.7	.35	305	ND	19	ND	1.31	15.5	22	7	497	9.38	.01	.48	4610	ND	.01	64	.16	319	ND	ND	5	ND	44	ND	ND	2671
17026	.4	1.88	52	ND	16	ND	2.29	19.6	25	40	125	6.47	.01	2.26	8769	1	.01	33	.13	633	ND	ND	ND	ND	97	ND	ND	3115
17027	.1	2.05	39	ND	22	ND	2.86	5.3	24	74	165	5.80	.01	2.70	8837	ND	.01	78	.14	381	ND	ND	ND	ND	126	ND	ND	1044
17028	.1	1.72	24	ND	62	ND	3.15	1.5	22	128	107	5.06	.01	2.65	7363	ND	.01	151	.16	127	ND	ND	ND	ND	140	ND	ND	632
17029	.1	1.34	35	ND	56	ND	3.32	.1	20	83	114	4.44	.01	2.04	6750	ND	.01	86	.17	58	ND	ND	ND	ND	149	ND	ND	278
17030	.1	.96	28	ND	56	ND	3.36	.5	20	32	125	4.29	.01	1.73	6758	ND	.01	77	.18	62	ND	ND	ND	ND	153	ND	ND	368
17031	.2	.36	39	ND	35	ND	2.53	8.6	17	31	157	4.51	.01	.61	5651	ND	.01	69	.21	491	ND	ND	ND	ND	115	ND	ND	1598
17032	13.6	.28	186	ND	19	ND	2.85	9.1	14	6	546	5.02	.01	.69	5949	ND	.01	70	.16	841	ND	ND	30	ND	120	ND	ND	1696
17033	.1	.45	49	ND	46	ND	1.64	5.2	19	32	302	4.33	.01	.61	5753	1	.01	63	.22	246	ND	ND	ND	ND	54	ND	ND	914
17034	.1	.58	28	ND	41	ND	1.40	7.7	13	3	137	3.85	.01	.59	4834	ND	.01	4	.18	61	ND	ND	ND	ND	36	ND	ND	1387
17035	.1	.56	46	ND	27	ND	.96	4.4	13	25	86	4.39	.01	.37	2802	ND	.01	1	.18	118	ND	ND	ND	ND	26	ND	ND	973
17036	.1	.58	84	ND	41	ND	1.48	11.7	17	15	119	4.56	.01	.57	4924	ND	.01	74	.18	211	ND	ND	ND	ND	40	ND	ND	1993
17037	.1	.58	96	ND	38	ND	2.05	4.7	24	54	259	5.38	.01	.72	6853	2	.01	114	.19	135	ND	ND	ND	ND	63	ND	ND	968
17038	.1	.66	70	ND	50	ND	1.63	.6	25	20	238	5.64	.01	.63	6078	ND	.01	95	.25	84	ND	ND	ND	ND	44	ND	ND	423
17039	.3	.47	129	ND	27	ND	.94	1.5	14	4	211	4.83	.01	.26	3414	ND	.01	15	.18	191	ND	ND	4	ND	23	7	ND	510
17040	.1	.42	155	ND	32	ND	1.19	1.7	11	18	157	4.82	.01	.33	4115	ND	.01	1	.17	125	ND	ND	ND	ND	29	ND	ND	517
17041	17.3	.38	192	ND	23	ND	1.36	.9	11	4	712	5.99	.01	.47	4434	ND	.01	ND	.16	357	ND	ND	13	ND	33	ND	ND	449
17042	.1	.42	100	ND	41	ND	1.38	11.3	12	30	229	4.24	.01	.41	4003	ND	.01	ND	.17	349	ND	ND	ND	ND	37	ND	ND	1803
17043	3.9	.31	52	ND	41	ND	1.94	1.9	15	1	176	5.17	.01	.75	6402	3	.01	27	.16	240	ND	ND	8	ND	53	ND	ND	514
17044	14.6	.32	157	ND	29	ND	.96	11.6	20	34	343	6.38	.01	.31	3370	6	.01	48	.15	238	ND	ND	26	ND	29	ND	ND	2261
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17045	3.8	.40	108	ND	34	ND	1.59	18.5	22	12	227	5.63	.01	.61	7545	1	.01	52	.15	239	ND	ND	ND	ND	41	ND	ND	2927
17046	5.1	.33	88	ND	33	ND	1.36	15.0	20	8	293	5.76	.01	.46	5892	1	.01	50	.15	201	ND	ND	3	ND	40	ND	ND	2604
17047	3.2	.26	152	ND	19	ND	.88	6.1	19	50	328	7.01	.01	.20	2296	5	.01	42	.12	132	ND	ND	3	ND	29	11	ND	1436
17048	.1	.39	29	ND	49	ND	3.09	3.0	16	12	87	3.97	.01	1.14	4815	1	.01	55	.15	221	ND	ND	ND	ND	131	ND	3	587
17049	.1	.46	4	ND	25	ND	3.18	3.5	17	6	73	4.79	.01	1.43	5673	ND	.01	38	.14	489	ND	ND	ND	ND	138	ND	ND	787
17050	.1	.32	12	ND	44	ND	3.69	1.0	13	25	103	3.50	.01	1.25	5056	1	.01	40	.15	242	ND	ND	ND	ND	192	ND	ND	334
17051	.1	.52	15	ND	34	ND	3.78	.3	14	16	91	3.95	.01	1.46	5279	ND	.01	48	.15	176	ND	ND	ND	ND	206	ND	ND	282
17052	.1	.76	5	ND	40	ND	3.82	.5	14	40	65	3.93	.01	1.47	4312	1	.01	43	.15	180	ND	ND	ND	ND	209	ND	ND	224
17053	.1	.74	22	ND	24	ND	4.96	.1	13	19	66	3.70	.01	.58	4276	1	.01	42	.15	171	ND	ND	ND	ND	250	ND	ND	168
17054	.1	.70	52	ND	33	ND	5.01	.5	14	36	120	3.67	.01	.67	5133	1	.01	46	.16	242	ND	ND	ND	ND	223	ND	ND	328
17055	.1	2.32	148	ND	56	ND	3.37	.7	21	29	89	4.99	.01	2.36	3996	1	.01	25	.12	76	ND	ND	ND	ND	175	ND	ND	335
17056	6.2	1.73	185	ND	61	ND	3.22	.1	21	26	95	5.23	.01	2.01	5656	1	.01	25	.13	252	ND	ND	ND	ND	99	ND	ND	218
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870833 GA JOB NUMBER: 870833 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
KS 87-1	360
KS 87-2	75
KS 87-3	360
KS 87-4	55
KS 87-5	35
KS 87-6	60
KS 87-7	40
KS 87-8	130
KS 87-9	40
KS 87-10	100
KS 87-11	115
KS 87-12	240
KS 87-13	440
KS 87-14	100
KS 87-15	150
KS 87-16	90
KS 87-17	160
KS 87-18	60
KS 87-19	70
KS 87-20	80
KS 87-21	120
KS 87-22	80
KS 87-23	100
KS 87-24	550
KS 87-25	105
KS 87-26	40
KS 87-27	60
KS 87-28	45
KS 87-29	130
KS 87-30	20
KS 87-31	135
KS 87-32	75
KS 87-33	500
KS 87-34	60
KS 87-35	310
KS 87-36	185
KS 87-37	730

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870907 GA JOB NUMBER: 870907 WESTERN COAL MINING CORP.

SAMPLE #	Au ppb
17057	100
17058	190
17059	105
17060	100
17061	210
17062	280
17063	250
17064	340
17065	180
17066	140
17067	200
17068	5
17069	260
17070	160
17071	nd
17072	540
17073	280
17074	nd
17075	180
17076	5
17077	310
17078	60
17079	120
17080	400
17081	nd
17082	10
17083	nd
17084	160
17085	350
17086	5
17087	70
17088	10
17089	140
17090	80
17091	140
17092	30
17093	200
17094	200
17095	110
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
17096	200
17097	80
17098	90
17099	200
17100	160
17101	370
17102	5
17103	105
17104	50
17105	70
17106	5
17107	200
17108	160
17109	170
17110	100
17111	180
17112	90
17113	40
17114	180
17115	370
17116	330
17117	1950
17118	440
17119	110
17120	80
17121	180
17122	50
17123	150
17124	160
17125	340
17126	290
17127	840
17128	100
17129	70
17130	80
17131	520
17132	130
17133	140
17134	520
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870907 GA JOB NUMBER: 870907 [redacted] PAGE 3 OF 3

SAMPLE #	Au ppb
17135	450
17136	580
17137	160
17138	140
17139	nd
17140	25
17141	100
17142	nd
17143	40
17144	30
17145	45
17146	45
17147	nd
17148	10
17149	10
17150	25

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17096	.1	.55	46	ND	19	ND	1.67	8.9	13	10	164	4.18	.01	.87	5467	ND	.58	28	.09	84	ND	ND	ND	ND	54	ND	ND	1872
17097	.1	.73	ND	ND	23	ND	1.82	2.9	14	31	46	3.56	.01	.99	5925	1	.28	45	.10	112	ND	ND	ND	ND	67	ND	ND	773
17098	.1	.50	32	ND	22	ND	1.69	3.1	13	16	122	3.48	.03	.79	5065	1	.28	69	.11	73	ND	ND	ND	ND	60	ND	ND	809
17099	2.7	.37	63	ND	23	ND	2.01	3.0	12	40	178	3.22	.01	.94	6052	2	.29	77	.09	100	ND	ND	ND	ND	69	ND	ND	824
17100	.6	.36	70	ND	18	ND	.86	1.2	15	15	178	3.03	.07	.34	2574	1	.15	92	.11	66	ND	ND	ND	ND	26	ND	7	389
17101	.1	.43	85	ND	21	ND	1.98	1.3	12	31	309	3.37	.01	1.04	6851	2	.17	41	.09	46	ND	ND	ND	ND	54	ND	5	369
17102	.1	.62	14	ND	25	ND	1.62	1.9	9	12	99	2.77	.01	1.03	4524	2	.20	35	.11	80	ND	ND	ND	ND	62	ND	4	545
17103	.1	1.29	14	ND	25	7	1.49	2.9	14	90	169	3.22	.01	1.85	4788	3	.27	95	.11	143	ND	ND	ND	ND	61	ND	7	709
17104	.1	1.18	32	ND	25	4	1.64	1.9	16	65	75	3.39	.01	1.89	4758	2	.22	109	.10	186	ND	ND	ND	ND	73	ND	ND	544
17105	.1	1.16	ND	ND	37	ND	1.13	3.8	11	53	93	2.68	.01	1.63	3429	2	.29	65	.10	117	ND	ND	ND	ND	76	ND	ND	869
17106	.1	.75	36	ND	26	ND	1.92	2.6	10	15	104	2.93	.01	1.38	4954	1	.23	43	.11	202	ND	ND	ND	ND	78	ND	5	604
17107	.1	.96	36	ND	24	ND	1.32	3.7	13	38	263	3.11	.01	1.35	3321	1	.25	81	.11	112	ND	ND	4	ND	59	ND	4	711
17108	.1	1.49	38	ND	21	ND	1.51	5.7	14	72	266	3.96	.01	1.91	5593	3	.46	74	.11	114	ND	ND	5	ND	59	ND	ND	1410
17109	.1	1.39	37	ND	19	ND	1.41	5.5	13	56	248	3.75	.01	1.79	5218	2	.42	70	.10	112	ND	ND	4	ND	56	ND	ND	1288
17110	.1	1.99	ND	ND	25	ND	1.24	.1	16	32	67	3.86	.01	2.52	5356	2	.19	19	.10	54	ND	ND	ND	ND	55	ND	ND	335
17111	.1	.58	39	ND	23	ND	2.15	7.7	14	9	167	3.69	.01	1.34	6822	ND	.49	19	.10	519	ND	ND	ND	ND	82	ND	ND	1585
17112	.1	.57	ND	ND	20	ND	2.06	4.4	11	25	85	3.10	.01	1.24	5436	ND	.34	23	.10	184	ND	ND	ND	ND	71	ND	ND	1042
17113	.1	.41	33	ND	22	ND	1.80	8.1	6	4	73	2.74	.01	.85	4243	ND	.49	5	.08	239	ND	ND	ND	ND	55	ND	ND	1666
17114	.1	.43	36	ND	19	ND	1.65	12.8	13	9	234	3.91	.01	.86	6173	ND	.79	32	.10	130	ND	ND	ND	ND	61	ND	ND	2748
17115	3.5	.36	153	ND	13	ND	1.24	.9	15	29	1436	5.83	.01	.56	4183	1	.20	33	.10	84	ND	ND	ND	ND	39	ND	ND	372
17116	1.3	.55	115	ND	18	ND	1.71	4.4	20	15	495	5.84	.01	.91	6645	1	.47	36	.14	133	ND	ND	ND	ND	61	ND	ND	1402
17117	22.1	.32	505	ND	11	ND	1.18	1.7	17	41	1300	7.12	.01	.44	2824	3	.28	39	.11	146	ND	ND	322	ND	30	ND	ND	595
17118	.1	.43	149	ND	17	ND	1.68	6.1	15	13	158	4.53	.01	.55	5936	1	.47	61	.16	184	ND	ND	3	ND	36	ND	ND	1521
17119	.1	.45	119	ND	24	ND	2.66	2.9	13	40	128	3.79	.01	.90	8330	2	.29	47	.18	143	ND	ND	ND	ND	58	ND	ND	818
17120	.1	.40	55	ND	21	ND	2.64	10.5	16	18	272	4.60	.01	1.13	8982	ND	.70	55	.17	213	ND	ND	ND	ND	75	ND	ND	2364
17121	4.0	.38	241	ND	13	ND	1.44	7.3	18	36	191	5.96	.01	.37	4100	2	.54	37	.14	480	ND	ND	9	ND	43	ND	ND	1727
17122	.1	1.95	114	ND	27	ND	2.44	13.0	28	35	192	8.20	.01	3.00	12320	1	.88	30	.22	727	ND	ND	ND	ND	133	ND	ND	2748
17123	.1	1.66	47	ND	23	ND	3.23	2.6	20	60	104	5.16	.01	2.45	6970	2	.30	29	.11	323	ND	ND	ND	ND	134	ND	ND	713
17124	.1	1.10	98	ND	25	ND	3.55	2.9	18	25	107	4.77	.01	1.50	6032	1	.26	23	.09	301	ND	ND	ND	ND	136	ND	ND	607
17125	.1	.51	215	ND	15	ND	1.36	2.4	27	15	143	5.81	.01	.37	3302	1	.26	36	.13	269	ND	ND	4	ND	36	ND	ND	643
17126	1.8	.44	362	ND	12	ND	.94	2.8	24	50	163	6.13	.01	.21	2332	2	.32	35	.12	419	ND	ND	4	ND	25	ND	ND	862
17127	2.4	.43	276	ND	16	ND	.93	7.5	16	14	95	4.87	.01	.14	1726	ND	.51	19	.12	771	ND	ND	6	ND	23	ND	ND	1697
17128	.1	.42	138	ND	25	ND	1.64	1.0	13	30	31	4.05	.01	.40	4326	1	.17	13	.11	257	ND	ND	ND	ND	35	ND	ND	404
17129	.1	.45	119	ND	24	ND	1.82	1.2	13	7	38	3.93	.01	.63	4163	ND	.17	13	.11	295	ND	ND	ND	ND	36	ND	ND	384
17130	.1	.39	140	ND	18	ND	2.34	2.3	17	13	56	4.17	.01	.78	6818	ND	.24	24	.11	408	ND	ND	ND	ND	46	ND	ND	635
17131	1.7	.41	301	ND	13	ND	1.70	8.6	25	41	162	6.36	.01	.69	5570	2	.60	35	.13	830	ND	ND	4	ND	48	ND	ND	1953
17132	.1	.41	202	ND	14	ND	1.88	5.7	23	12	105	5.58	.01	.54	5450	ND	.41	35	.12	922	ND	ND	ND	ND	49	ND	ND	1256
17133	.1	.66	149	ND	15	ND	2.09	7.2	22	49	107	5.81	.01	1.01	6796	2	.47	31	.11	646	ND	ND	ND	ND	56	ND	ND	1441
17134	.1	.53	220	ND	15	ND	1.58	6.6	22	16	134	5.44	.01	.61	7035	ND	.44	31	.12	675	ND	ND	ND	ND	36	ND	ND	1356
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

ICAP GEOCHEMICAL ANALYSIS

KERR

AUG 13 1987

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MIN.
ATTENTION:
PROJECT: KERR 9101

REPORT#: PA
JOB#: 870907J
INVOICE#: NA

DATE RECEIVED: 87/07/31
DATE COMPLETED: 87/08/11
COPY SENT TO:

ANALYST C. Leong

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17057	.1	.71	49	ND	19	ND	1.97	11.6	20	53	263	6.41	.01	1.56	6024	3	.08	21	.19	117	ND	ND	ND	ND	84	ND	ND	2429
17058	.1	.66	29	ND	17	ND	1.87	2.1	28	11	206	6.76	.01	1.41	6372	1	.03	21	.22	43	ND	ND	ND	ND	84	ND	ND	747
17059	.1	.91	56	ND	19	ND	2.00	10.1	31	42	218	7.68	.01	1.85	6313	2	.08	19	.22	75	ND	ND	ND	ND	120	ND	ND	2404
17060	.1	.72	33	ND	23	ND	2.08	3.1	19	8	118	5.75	.01	1.64	6263	1	.03	13	.20	81	ND	ND	ND	ND	120	ND	ND	901
17061	.1	.56	120	ND	21	ND	2.24	16.2	24	55	210	6.07	.01	1.12	6287	4	.09	15	.22	115	ND	ND	ND	ND	91	ND	ND	3018
17062	.8	.46	113	ND	17	ND	1.46	19.2	23	14	298	6.32	.03	.46	2250	1	.10	20	.20	103	ND	ND	ND	ND	47	ND	ND	3456
17063	.8	.39	115	ND	17	ND	1.82	4.1	24	46	100	6.27	.03	.40	3328	2	.04	16	.19	122	ND	ND	ND	ND	82	ND	ND	1111
17064	1.5	.41	100	ND	18	ND	1.82	3.5	19	10	222	6.22	.02	.66	3757	2	.03	20	.15	136	ND	ND	ND	ND	77	ND	ND	935
17065	.1	.53	79	ND	21	ND	2.66	17.8	17	40	247	5.07	.01	.83	4586	2	.10	17	.17	127	ND	ND	ND	ND	126	ND	ND	3528
17066	.1	.40	79	ND	19	ND	2.62	16.7	19	11	238	5.54	.01	1.13	5808	1	.10	17	.19	144	ND	ND	ND	ND	126	ND	ND	3510
17067	.8	.39	124	ND	23	ND	2.41	12.8	26	35	237	7.01	.01	1.37	7413	1	.09	20	.17	168	ND	ND	ND	ND	282	ND	ND	3083
17068	1.7	.43	61	ND	19	ND	1.70	11.1	21	8	606	5.95	.03	.60	3862	1	.09	21	.20	80	ND	ND	ND	ND	84	ND	ND	3071
17069	.3	.29	172	ND	15	ND	1.68	7.4	14	64	370	6.90	.03	.48	4179	4	.06	58	.11	67	ND	ND	3	ND	104	ND	ND	1978
17070	.1	.32	92	ND	14	ND	1.33	.1	18	22	207	4.90	.04	.32	2428	2	.01	107	.13	49	ND	ND	ND	ND	46	ND	ND	205
17071	21.1	.29	849	ND	9	ND	.96	.1	16	59	5571	11.26	.02	.44	2716	4	.02	100	.12	55	ND	ND	89	ND	44	ND	ND	307
17072	15.6	.48	371	ND	11	ND	1.33	.1	20	12	3297	10.89	.01	.81	3681	2	.02	23	.14	92	ND	ND	34	ND	59	ND	ND	266
17073	.1	.44	57	ND	15	ND	2.09	1.1	19	56	350	6.04	.01	1.12	5245	3	.02	28	.13	28	ND	ND	ND	ND	75	ND	ND	464
17074	.6	.40	134	ND	16	5	2.07	4.1	19	15	433	5.30	.02	.83	4724	ND	.05	27	.13	27	ND	ND	7	ND	56	ND	ND	1665
17076	.1	.56	77	ND	27	ND	2.13	4.6	18	26	232	4.90	.01	1.12	5107	2	.05	92	.14	45	ND	ND	ND	ND	85	ND	ND	1508
17077	.3	.39	50	ND	18	5	2.02	3.1	13	56	322	4.65	.01	.93	4435	4	.03	64	.14	81	ND	ND	ND	ND	64	ND	ND	892
17078	.1	.68	37	ND	20	4	2.22	9.6	17	33	173	4.05	.01	1.22	5591	2	.07	89	.14	70	ND	ND	ND	ND	68	ND	ND	2552
17079	.6	.52	51	ND	18	4	1.72	4.1	18	49	441	4.25	.02	.83	4786	3	.03	79	.15	134	ND	ND	ND	ND	52	ND	ND	1002
17080	10.1	.40	81	ND	12	5	1.52	19.3	16	47	2030	5.09	.05	.66	4749	3	.10	78	.15	259	ND	ND	ND	ND	47	ND	ND	3655
17081	.1	.89	24	ND	28	ND	1.76	5.9	15	18	502	3.59	.01	1.06	5407	3	.03	78	.16	163	ND	ND	ND	ND	58	ND	ND	1173
17082	3.7	.40	110	ND	13	ND	1.58	12.1	21	53	211	7.20	.01	.80	5676	3	.07	40	.13	590	ND	ND	ND	ND	60	ND	ND	2280
17083	.5	.40	74	ND	15	ND	1.12	9.3	19	9	57	5.08	.01	.44	3251	1	.05	24	.13	242	ND	ND	ND	ND	35	ND	ND	1807
17084	3.1	.39	47	ND	15	3	1.27	15.1	20	76	143	5.33	.03	.44	3499	4	.08	25	.13	513	ND	ND	ND	ND	42	ND	ND	2905
17085	8.3	.36	129	ND	13	4	.91	3.4	17	59	1287	7.35	.04	.32	2310	3	.03	24	.12	191	ND	ND	3	ND	29	ND	ND	881
17086	4.5	.43	105	ND	14	4	1.00	1.6	19	16	700	6.12	.03	.35	2308	1	.02	22	.13	123	ND	ND	ND	ND	33	ND	ND	561
17087	.1	.83	29	ND	22	ND	1.18	2.1	13	40	252	3.92	.05	.75	4168	2	.02	5	.16	43	ND	ND	ND	ND	36	ND	ND	651
17088	.1	.68	20	ND	21	ND	1.36	2.7	12	6	189	3.75	.03	.59	4798	1	.02	5	.16	54	ND	ND	ND	ND	48	ND	ND	763
17089	2.9	.44	107	ND	15	ND	.89	5.9	12	38	337	4.49	.04	.28	2897	2	.04	4	.15	209	ND	ND	ND	ND	24	ND	ND	1434
17090	.5	.51	28	ND	20	ND	1.31	4.5	13	11	140	3.85	.06	.35	3848	ND	.03	3	.16	66	ND	ND	ND	ND	41	ND	ND	1122
17091	.1	.45	106	ND	19	ND	2.13	.6	13	48	96	4.50	.03	.69	4862	4	.01	11	.14	98	ND	ND	ND	ND	71	ND	ND	338
17092	.1	.81	28	ND	29	3	2.22	3.5	12	7	137	4.00	.02	.89	5931	1	.03	4	.16	33	ND	ND	ND	ND	86	ND	ND	1023
17093	2.9	.53	31	ND	22	6	2.32	8.3	11	36	133	4.01	.01	.94	5265	2	.05	4	.16	232	ND	ND	ND	ND	75	ND	ND	1772
17094	1.7	.70	68	ND	18	ND	1.79	4.5	17	17	237	5.84	.01	.96	4912	2	.04	41	.14	160	ND	ND	ND	ND	61	ND	ND	1220
17095	.1	.64	57	ND	20	ND	2.22	3.4	16	46	95	4.62	.01	1.21	6505	2	.03	21	.12	71	ND	ND	ND	ND	72	ND	ND	888
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17135	1.1	.59	235	ND	18	ND	1.89	9.0	31	51	192	7.45	.08	.62	9463	3	.68	42	.15	731	ND	ND	8	ND	44	ND	ND	2955
17136	3.1	.41	320	ND	18	ND	2.39	6.8	21	15	320	7.08	.05	1.00	12896	2	.54	29	.09	482	ND	ND	12	ND	77	ND	ND	1542
17137	.1	.65	77	ND	18	ND	2.63	4.9	34	23	149	7.97	.05	.99	11740	1	.50	49	.14	592	ND	ND	7	ND	85	ND	ND	1326
17138	.5	.77	108	ND	21	ND	2.53	7.9	32	59	197	7.08	.08	1.14	12583	2	.58	49	.15	528	ND	ND	6	ND	58	ND	ND	1658
17139	6.5	.42	204	ND	14	3	1.04	3.2	18	13	555	6.22	.12	.27	3545	1	.31	59	.13	648	ND	ND	13	ND	31	3	ND	787
17140	11.5	.38	173	ND	14	3	1.41	20.1	14	39	3458	6.03	.13	.31	4642	3	1.28	53	.12	1294	ND	ND	9	ND	56	ND	ND	4382
17141	2.1	.46	143	ND	17	3	2.27	6.2	15	18	214	4.77	.10	.55	6202	1	.51	66	.14	1057	ND	ND	4	ND	84	ND	ND	1566
17142	.1	.53	246	ND	24	7	2.83	.2	16	35	107	4.72	.10	1.02	6459	2	.25	39	.20	751	ND	ND	4	ND	95	ND	3	581
17143	.1	1.15	168	ND	30	3	3.58	.4	16	13	161	4.08	.07	1.82	5661	1	.19	19	.25	116	ND	ND	ND	ND	126	ND	ND	368
17144	.1	1.87	204	ND	31	ND	3.05	.5	21	40	129	5.88	.03	2.62	5959	2	.22	26	.29	69	ND	ND	ND	ND	147	ND	ND	306
17145	.1	2.56	167	ND	30	ND	4.36	4.6	22	33	139	5.93	.01	4.05	9307	1	.46	29	.25	121	ND	ND	ND	ND	185	ND	ND	1097
17146	.1	2.39	192	ND	29	ND	3.64	4.3	20	51	120	5.98	.01	3.26	7298	3	.46	32	.23	290	ND	ND	ND	ND	239	ND	ND	1128
17147	.1	3.77	140	ND	65	3	4.64	.1	22	48	78	6.45	.01	4.17	4011	2	.22	29	.26	50	ND	ND	ND	ND	296	ND	ND	180
17148	.1	2.88	231	ND	78	ND	2.92	.1	17	35	110	5.36	.01	2.77	2451	1	.18	28	.26	32	ND	ND	ND	ND	262	ND	ND	176
17149	.1	1.48	242	ND	65	ND	3.29	.3	12	20	140	3.47	.01	1.40	3117	1	.14	34	.19	53	ND	ND	ND	ND	245	ND	5	216
17150	.3	2.07	293	ND	45	ND	1.88	.6	18	67	93	4.46	.01	2.35	2852	5	.20	75	.18	134	ND	ND	ND	ND	133	ND	ND	349
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED
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BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT:

REPORT#: 870908PA
JOB#: 870908
INVOICE#: 870908NA

DATE RECEIVED: 87/07/31
DATE COMPLETED: 87/08/27
COPY SENT TO:

ANALYST W. Reeves

SAMPLE NAME	AG PPM	AL %	AS PPM	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
10350N 10000W	14.5	.32	1460	ND	210	3	.02	.1	9	9	163	9.28	.06	.12	1700	2	.28	7	.27	665	ND	ND	163	ND	29	ND	ND	313
10400N 9800W	.1	1.37	372	ND	116	ND	.22	.1	28	15	207	8.82	.06	.36	5341	2	.22	27	.29	66	ND	ND	13	ND	13	ND	ND	167
10400N 9850W	.4	.74	340	ND	138	ND	.36	.1	27	6	212	7.26	.07	.26	7168	2	.21	42	.24	178	ND	ND	10	ND	18	NB	ND	263
10400N 9875W	.1	2.15	223	ND	238	ND	.07	.1	16	12	91	6.49	.05	.35	5172	2	.17	16	.20	81	ND	ND	3	ND	11	ND	ND	156
10400N 9900W	.1	2.10	335	ND	374	ND	.21	.1	23	20	110	7.03	.05	.51	3885	3	.20	40	.14	85	ND	ND	8	ND	29	ND	ND	193
10400N 10100W	8.5	.38	313	ND	218	4	.02	.1	5	9	355	10.35	.06	.10	1070	3	.41	14	.29	308	ND	ND	17	ND	52	ND	ND	650
10400N 10125W	4.0	.24	175	ND	190	ND	.02	.1	3	17	197	8.67	.04	.10	473	3	.32	12	.23	228	ND	ND	17	ND	36	ND	ND	477
10400N 10150W	3.1	.18	173	ND	268	3	.01	.1	1	3	117	8.12	.07	.07	166	4	.23	6	.24	137	ND	ND	98	ND	49	ND	ND	236
10400N 10175W	5.3	.24	240	ND	206	4	.02	.1	2	5	143	9.93	.07	.13	185	4	.23	5	.23	133	ND	ND	355	ND	34	ND	ND	141
10400N 10200W	.4	.13	182	ND	120	ND	.01	.1	ND	3	61	10.52	.08	.08	63	6	.21	5	.20	59	ND	ND	58	ND	21	ND	ND	36
10400N 10275W	1.3	.19	35	ND	1045	ND	.01	.1	ND	ND	42	2.85	.05	.07	25	15	.05	ND	.25	79	ND	ND	8	ND	54	ND	7	19
10400N 10300W	1.6	.37	88	ND	578	ND	.05	.1	1	1	61	3.97	.05	.26	49	20	.08	1	.44	51	ND	ND	12	ND	46	3	ND	27
10400N 10325W	1.9	.34	68	ND	502	ND	.01	.1	ND	2	89	4.26	.05	.18	40	17	.09	2	.17	77	ND	ND	12	ND	122	ND	3	31
10400N 10350W	1.2	.40	97	ND	408	ND	.01	.1	ND	5	122	6.03	.07	.20	71	12	.12	3	.18	72	ND	ND	14	ND	42	ND	ND	39
10400N 10375W	2.2	.40	170	ND	467	ND	.01	.1	ND	3	119	4.44	.06	.22	78	10	.09	2	.14	100	ND	ND	22	ND	58	ND	ND	40
10400N 10400W	1.7	.49	122	ND	521	ND	.01	.1	ND	2	135	4.13	.06	.32	86	8	.09	1	.14	47	ND	ND	15	ND	37	ND	3	53
10400N 10425W	1.5	.65	131	ND	569	ND	.01	.1	ND	2	160	4.40	.05	.46	113	8	.10	ND	.11	65	ND	ND	13	ND	42	ND	ND	57
10400N 10500W	1.7	.33	104	ND	409	ND	.01	.1	1	1	164	4.62	.05	.16	199	32	.10	ND	.22	49	ND	ND	30	ND	79	ND	5	45
10400N 10525W	2.1	.27	129	ND	450	ND	.01	.1	1	1	148	3.84	.06	.12	169	36	.08	ND	.21	50	ND	ND	43	ND	86	ND	5	36
10400N 10550W	2.1	.27	189	ND	324	3	.01	.1	1	1	357	4.06	.06	.13	101	24	.08	1	.17	62	ND	ND	41	ND	53	ND	ND	36
10400N 10600W	1.0	.55	150	ND	338	ND	.18	.1	ND	2	145	3.19	.04	.32	114	7	.09	17	.18	147	ND	ND	18	ND	72	ND	3	84
10400N 10625W-1	1.5	.2	319	ND	205	ND	.04	.1	ND	1	128	9.26	.08	.08	41	11	.18	8	.39	140	ND	ND	17	ND	236	ND	ND	31
10500N 10225W	1.9	.23	164	ND	294	ND	.01	.1	1	6	120	7.24	.05	.10	208	7	.17	7	.20	150	ND	ND	45	ND	22	ND	ND	104
10500N 10250W	1.2	.38	89	ND	501	ND	.02	.1	1	3	81	4.50	.03	.27	142	16	.12	5	.14	88	ND	ND	23	ND	47	ND	ND	119
10500N 10275W-3	.7	.42	48	ND	712	ND	.02	.1	ND	ND	48	2.63	.03	.29	44	15	.06	1	.11	53	ND	ND	8	ND	51	ND	5	37
10500N 10300W	.9	.31	64	ND	662	ND	.01	.1	1	1	81	3.55	.04	.22	52	20	.07	3	.14	37	ND	ND	10	ND	34	ND	6	25
10500N 10325W	1.0	.35	72	ND	574	ND	.01	.1	ND	1	74	3.79	.04	.20	40	17	.08	1	.16	51	ND	ND	11	ND	33	ND	4	31
10500N 10350W	2.5	1.43	168	ND	284	ND	.01	.1	4	7	248	5.91	.06	.18	942	22	.12	8	.14	158	ND	ND	13	ND	21	ND	ND	73
10500N 10375W	1.4	.74	95	ND	156	ND	.01	.1	1	4	114	3.62	.04	.13	173	11	.08	2	.14	64	ND	ND	8	ND	25	ND	ND	54
10500N 10400W	.2	.95	105	ND	151	ND	.03	.1	5	10	114	4.30	.04	.37	1000	10	.11	6	.14	94	ND	ND	9	ND	21	ND	ND	79
10500N 10425W	1.9	.58	127	ND	338	ND	.01	.1	ND	3	125	4.98	.05	.16	90	10	.10	4	.16	89	ND	ND	16	ND	45	ND	ND	36
10500N 10450W	2.3	.88	142	ND	319	4	.04	.1	4	9	126	6.94	.05	.48	300	13	.15	3	.15	192	ND	ND	22	ND	37	ND	ND	54
10500N 10475W	6.2	.17	300	ND	454	ND	.01	.1	NB	1	56	3.71	.03	.04	14	48	.07	ND	.08	109	ND	ND	107	ND	47	ND	ND	12
10500N 10500W	1.2	.10	103	ND	702	4	.01	.1	ND	ND	10	.87	.02	.01	5	3	.01	ND	.02	61	ND	ND	52	ND	53	ND	7	7
10500N 10550W	1.6	.32	122	ND	359	ND	.01	.1	ND	1	134	3.96	.04	.15	149	23	.09	ND	.17	48	ND	ND	36	ND	57	ND	ND	39
10600N 10100W	.1	.54	572	3	633	ND	.05	5.1	31	13	707	20.87	.11	.09	8295	11	.93	57	.82	124	ND	ND	32	ND	274	ND	ND	1376
10600N 10125W	1.4	1.07	268	ND	74	ND	.02	.1	12	11	139	7.36	.06	.20	2126	3	.19	9	.21	141	ND	ND	23	ND	13	ND	ND	173
10600N 10225W	.4	1.50	294	ND	196	ND	.02	.1	21	19	450	8.82	.07	.39	3306	12	.26	22	.23	161	ND	ND	15	ND	21	ND	ND	265
10600N 10250W	1.0	.86	52	ND	171	ND	.01	.1	1	30	325	6.20	.06	.36	152	157	.13	6	.17	145	ND	ND	6	ND	10	NB	ND	51
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
10600N 10275W	.3	.68	28	ND	125	ND	.05	.1	ND	6	42	1.82	.16	.22	58	19	.05	7	.10	71	ND	ND	11	ND	12	ND	ND	39
10600N 10325W	.4	.34	73	ND	118	ND	.01	.1	ND	1	34	1.45	.17	.11	51	108	.04	6	.12	95	ND	ND	17	ND	6	ND	5	27
10600N 10350W	.6	.45	55	ND	1013	ND	.01	.1	ND	7	25	2.22	.17	.29	19	143	.05	9	.40	154	ND	ND	7	ND	43	ND	ND	24
10600N 10375W	.5	.34	46	ND	222	ND	.01	.1	ND	2	141	6.50	.16	.06	35	37	.10	5	.34	48	ND	ND	10	ND	26	ND	ND	37
10600N 10400W	.8	.24	50	ND	413	ND	.01	.1	ND	2	103	6.58	.16	.05	33	45	.10	3	.24	181	ND	ND	15	ND	52	ND	ND	15
10600N 10425W	.4	.10	61	ND	221	3	.01	.1	ND	ND	21	4.83	.15	.01	ND	36	.08	3	.32	109	ND	ND	18	ND	58	ND	ND	6
10600N 10475W	.7	.11	801	ND	340	4	.01	.1	ND	ND	13	5.00	.15	.04	4	78	.08	4	.35	220	ND	ND	57	ND	152	ND	ND	7
10600N 10500W	2.1	.14	708	ND	206	ND	.02	.1	ND	ND	13	9.30	.12	.10	26	28	.13	4	.78	648	ND	ND	65	ND	563	ND	ND	8
10650N 10150W	1.1	2.36	166	ND	91	ND	.02	.1	17	15	345	6.50	.15	.32	4025	5	.12	18	.29	101	ND	ND	9	ND	17	ND	ND	159
10650N 10175W+2	1.1	1.54	246	ND	74	ND	.02	.1	16	16	290	7.38	.14	.32	3356	4	.14	23	.24	152	ND	ND	18	ND	8	ND	ND	258
10650N 10200W	1.4	1.08	199	ND	87	3	.02	.1	12	19	366	12.51	.12	.34	2378	19	.19	12	.32	193	ND	ND	21	ND	10	ND	ND	167
10650N 10225W	1.9	1.70	368	ND	81	ND	.02	.1	30	20	579	9.92	.14	.38	4736	5	.20	29	.30	217	ND	ND	27	ND	10	ND	ND	398
10650N 10250W	.7	1.41	124	ND	54	ND	.02	.1	7	17	108	6.26	.14	.24	1937	7	.11	8	.15	149	ND	ND	11	ND	4	ND	ND	121
10650N 10275W	.5	2.95	52	10	43	ND	.03	.1	ND	11	129	6.96	.15	.10	447	17	.10	5	.07	77	ND	ND	8	3	3	ND	ND	94
10650N 10300W	.4	.41	77	ND	554	ND	.01	.1	ND	2	93	5.07	.16	.20	143	15	.08	5	.15	69	ND	ND	28	ND	37	ND	ND	72
10650N 10325W	.4	.30	82	ND	496	ND	.01	.1	ND	3	48	3.12	.17	.10	52	73	.06	4	.34	88	ND	ND	10	ND	29	ND	ND	15
10650N 10350W	.4	.25	36	ND	1121	ND	.01	.1	ND	3	9	1.16	.17	.07	34	32	.04	4	.30	119	ND	ND	5	ND	47	ND	4	11
10650N 10375W	.6	.29	44	ND	241	ND	.01	.1	ND	6	209	10.69	.16	.12	28	79	.15	6	.32	35	ND	ND	9	ND	56	ND	ND	13
10650N 10400W	.5	.14	134	ND	260	ND	.01	.1	ND	ND	46	3.34	.16	.01	13	41	.06	4	.24	119	ND	ND	40	ND	55	ND	ND	4
10650N 10425W	3.1	.11	202	ND	171	3	.01	.1	ND	ND	7	1.85	.17	.01	3	11	.05	2	.14	90	ND	ND	92	ND	13	ND	ND	5
10700N 10100W	.5	.91	79	ND	125	ND	.04	.1	1	8	51	4.12	.16	.14	609	15	.08	10	.13	127	ND	ND	7	ND	14	ND	ND	81
10700N 10125W	1.1	.56	230	ND	42	ND	.01	.1	3	26	199	10.69	.14	.11	1028	7	.17	10	.32	233	ND	ND	31	ND	3	ND	ND	206
10700N 10200W	2.1	.96	294	ND	116	ND	.03	.1	35	16	609	9.75	.13	.29	5220	5	.22	45	.34	266	ND	ND	22	ND	10	ND	ND	603
10700N 10225W	.5	.15	78	ND	215	ND	.01	.1	ND	ND	132	7.26	.13	.03	70	10	.10	3	.22	77	ND	ND	12	ND	12	3	ND	16
10700N 10250W	.8	1.52	133	ND	111	ND	.02	.1	6	17	175	8.66	.13	.35	2027	30	.13	15	.19	137	ND	ND	15	ND	7	ND	ND	101
10700N 10275W	1.2	1.22	180	ND	71	4	.02	.1	7	16	215	7.53	.13	.29	1678	10	.13	14	.22	244	ND	ND	14	ND	5	ND	ND	160
10700N 10300W	.5	1.41	77	ND	88	ND	.01	.1	ND	23	87	5.33	.14	.27	338	44	.08	10	.14	92	ND	ND	11	ND	8	6	ND	72
10700N 10325W+2	.3	.25	68	ND	451	4	.01	.1	ND	3	38	2.67	.12	.04	45	101	.04	4	.24	66	ND	ND	10	ND	132	9	ND	9
10700N 10350W	.7	.15	44	ND	396	ND	.01	.1	ND	2	28	4.14	.13	.02	31	77	.07	4	.28	185	ND	ND	15	ND	23	6	ND	11
10700N 10375W	.4	.08	33	ND	260	ND	.01	.1	ND	ND	12	4.25	.13	.01	11	17	.07	4	.36	92	ND	ND	7	ND	68	5	ND	6
10700N 10400W	.6	.11	98	ND	284	ND	.01	.1	ND	1	68	6.44	.12	.01	26	31	.08	5	.25	126	ND	ND	36	ND	52	11	ND	20
10700N 10425W	.6	.15	147	ND	281	ND	.01	.1	ND	ND	28	2.72	.17	.01	13	22	.06	4	.19	165	ND	ND	40	ND	39	ND	ND	7
10700N 10450W	.6	.08	152	ND	124	4	.01	.1	ND	ND	ND	1.75	.17	.01	ND	2	.05	3	.17	95	ND	ND	46	ND	9	ND	ND	2
10700N 10475W	.4	.10	297	ND	133	ND	.01	.1	ND	ND	1	3.18	.17	.01	ND	4	.06	3	.36	104	ND	ND	52	ND	26	ND	ND	2
10700N 10500W	.5	.12	319	ND	197	ND	.01	.1	ND	ND	35	4.55	.17	.01	2	7	.08	3	.28	128	ND	ND	68	ND	17	ND	ND	4
10700N 10525W	.4	.30	174	ND	348	ND	.01	.1	ND	ND	76	3.29	.17	.13	59	23	.07	3	.15	58	ND	ND	48	ND	50	ND	ND	27
10700N 10550W	.4	.34	155	ND	415	ND	.01	.1	ND	ND	103	3.84	.17	.17	95	19	.07	5	.15	63	ND	ND	38	ND	50	ND	ND	30
10700N 10600W	.7	.34	168	ND	252	ND	.01	.1	ND	ND	151	4.30	.15	.14	67	30	.07	3	.13	121	ND	ND	47	ND	71	ND	ND	32
10700N 10625W	.9	.41	248	ND	270	ND	.02	.1	ND	1	215	5.25	.14	.17	105	40	.08	6	.16	125	ND	ND	63	ND	62	ND	ND	35
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
10700N 10650W(-4M)	5.0	1.52	266	4	120	ND	.27	.1	26	10	1009	8.70	.06	1.07	1451	19	.24	21	.23	101	ND	ND	39	ND	28	ND	ND	129
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870908 GA JOB NUMBER: 870908 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
10350N 10000W	3300
10400N 9800W	340
10400N 9850W	70
10400N 9875W	60
10400N 9900W	90
10400N 10100W	370
10400N 10125W	400
10400N 10150W	430
10400N 10175W	640
10400N 10200W	340
10400N 10275W	1100
10400N 10300W	1050
10400N 10325W	4200
10400N 10350W	770
10400N 10375W	900
10400N 10400W	600
10400N 10425W	650
10400N 10500W	250
10400N 10525W	700
10400N 10550W	330
10400N 10600W	150
10400N 10625W(-1)	160
10500N 10225W	400
10500N 10250W	380
10500N 10275W(+3)	530
10500N 10300W	980
10500N 10325W	870
10500N 10350W	440
10500N 10375W	450
10500N 10400W	190
10500N 10425W	550
10500N 10450W	340
10500N 10475W	480
10500N 10500W	500
10500N 10550W	200
10600N 10100W	180
10600N 10125W	900
10600N 10225W	120
10600N 10250W	900
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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(604) 251-5656

REPORT NUMBER: 870908 GA JOB NUMBER: 870908 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
10600N 10275W	500
10600N 10325W	1000
10600N 10350W	870
10600N 10375W	210
10600N 10400W	450
10600N 10425W	590
10600N 10475W	500
10600N 10500W	700
10650N 10150W	250
10650N 10175W(+2)	220
10650N 10200W	220
10650N 10225W	490
10650N 10250W	270
10650N 10275W	180
10650N 10300W	530
10650N 10325W	600
10650N 10350W	1400
10650N 10375W	650
10650N 10400W	480
10650N 10425W	430
10700N 10100W	310
10700N 10125W	900
10700N 10200W	30
10700N 10225W	530
10700N 10250W	180
10700N 10275W	250
10700N 10300W	500
10700N 10325W(+2)	810
10700N 10350W	710
10700N 10375W	320
10700N 10400W	370
10700N 10425W	580
10700N 10450W	260
10700N 10475W	340
10700N 10500W	280
10700N 10525W	180
10700N 10550W	210
10700N 10600W	440
10700N 10625W	500

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

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(604) 251-5656

REPORT NUMBER: 870908 GA JOB NUMBER: 870908 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
10700N 10650W(-4m)	2300

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

AUG 13 1987

KERR.

REPORT NUMBER: 870928 GA   JOB NUMBER: 870928   WESTERN CON. MINING CORP.

SAMPLE #	Au (TA/AAS) ppb	ICP
16852	220	
16853	140	
16854	820	
16855	240	
16856	340	
16857	230	
16858	140	
16859	<	
16860	4100	R
16861	2750	R
16862	710	
16863	320	
16864	1520	R
16865	240	
16866	140	
16867	430	
16868	780	
16869	290	
16870	<	
16871	1050	R
16872	180	
16873	260	
16874	120	
16875	310	
16876	400	

PRELIMINARY REPORT ONLY
DATA TO BE CONFIRMED BY
CALCULATION ON REPEATED
ANALYSES

FINAL REPORT NOT RECEIVED AS OF Aug. 31/87.

~~Note Check~~ follow up ~~Final Report~~ 2 pages

- phoned
- sampled
waiting for info from second office - will have Au + ICP by wed Sept.

DETECTION LIMIT 5

nd = none detected   -- = not analysed   is = insufficient sample

X

REPORT NUMBER: 870929 GA JOB NUMBER: 870929 WESTERN CDN. MINING CORP.

SAMPLE #	Au (FA/AAS) ppb	
17151	40	
17152	10	
17153	90	
17154	30	
17155	180	
17156	90	
17157	140	
17158	80	
17159	7000	R
17160	1230	R
17161	1980	R 2000
17162	<	
17163	1500	R
17164	960	
17165	3050	R. 3730
17166	685	
17167	280	
17168	650	
17169	1330	R
17170	780	
17171	2050	R 3185
17172	60	
17173	70	
17174	140	
17175	120	
17176	150	
17177	200	
17178	160	
17179	180	
17180	290	
17181	240	
17182	280	
17183	240	
17184	<	
17185	220	
17186	250	
17187	260	
17188	295	
17189	250	

ICP

PRELIMINARY REPORT ONLY
DATA TO BE CONFIRMED BY CALCULATION OR REPEATED ANALYSES

NOTE CHANGES IN FINAL RPT.

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

SAMPLE #	Au ppb
17190	180
17191	150
17192	<
17193	<
17194	280
17195	400
17196	225
17197	9430 R
17198	140
17199	90
17200	80
17201	115
17202	120
17203	40
17204	60
17205	55
17206	5
17207	20
17208	130
17209	50
17210	50
17211	110
17212	200
17213	160
17214	105
17215	120
17216	100
17217	100
17218	110
17219	5

PRELIMINARY REPORT ONLY
DATA TO BE CONFIRMED BY CALCULATION OR REPEATED ANALYSES

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 870928 GA JOB NUMBER: 870928 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
16852	220
16853	140
16854	820
16855	240
16856	340
16857	230
16858	140
16859	nd
16860	nd
16861	2750
16862	710
16863	320
16864	1580
16865	240
16866	140
16867	430
16868	780
16869	290
16870	nd
16871	1050
16872	180
16873	260
16874	120
16875	310
16876	400

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CNDN. MIN.
ATTENTION:
PROJECT:

REPORT#: 870928PA
JOB#: 870928
INVOICE#: 870928NA

DATE RECEIVED: 87/08/09
DATE COMPLETED: 87/09/04
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16852	.1	2.50	47	ND	31	7	.40	.1	19	113	144	7.03	.10	2.18	2204	9	.22	88	.15	43	ND	ND	13	4	10	ND	ND	72
16853	.9	2.17	43	ND	42	4	.44	.1	20	78	156	4.29	.14	1.68	2041	7	.15	73	.16	103	ND	ND	6	ND	11	5	4	131
16854	.7	2.25	30	ND	47	7	.68	1.1	21	59	145	3.99	.13	1.97	2126	4	.17	51	.20	34	ND	ND	3	1	12	3	ND	184
16855	.7	2.37	17	ND	36	6	.85	.4	19	30	305	4.59	.14	1.45	1300	6	.16	26	.15	37	ND	ND	4	2	16	ND	ND	151
16856	.5	3.47	30	ND	37	8	1.21	.1	24	60	227	5.72	.15	3.29	1457	5	.22	76	.38	14	ND	ND	ND	4	58	ND	ND	172
16857	.5	2.61	18	ND	57	8	.59	.1	14	72	187	5.12	.14	1.95	1396	8	.17	51	.19	30	ND	ND	5	4	24	ND	ND	90
16858	.7	2.27	13	ND	52	8	.69	.3	17	60	154	4.39	.16	1.56	1464	5	.13	50	.17	35	ND	ND	5	3	17	8	3	83
16859	.1	3.57	19	ND	109	6	.73	1.1	21	81	116	6.23	.16	2.70	3893	5	.34	44	.22	69	ND	ND	6	ND	17	ND	ND	321
16860	4.5	1.47	1153	ND	59	7	.30	.1	15	24	324	4.44	.16	.70	663	5	.22	29	.14	40	ND	ND	8	1	9	4	ND	262
16861	6.1	1.41	71	ND	50	6	.36	.6	13	62	151	3.55	.15	.68	889	9	.19	33	.14	48	ND	ND	6	2	11	6	4	238
16862	1.7	1.85	170	ND	44	6	.39	.2	14	84	223	5.01	.13	1.12	1244	9	.22	47	.14	40	ND	ND	7	2	15	ND	3	179
16863	8.3	3.40	95	ND	41	8	1.10	12.6	25	52	812	6.35	.14	2.83	1572	6	1.18	76	.34	33	ND	ND	ND	3	54	ND	ND	1645
16864	1.7	1.72	375	ND	40	5	.51	.1	18	75	198	3.37	.14	1.02	982	10	.19	55	.14	38	ND	ND	4	3	11	ND	5	216
16865	1.7	2.33	96	ND	41	7	.53	.6	19	88	269	5.83	.14	1.61	1684	8	.26	65	.16	39	ND	ND	7	1	12	ND	ND	142
16866	3.5	2.18	29	ND	51	7	.48	.4	17	78	211	4.72	.12	1.56	1721	8	.22	47	.14	31	ND	ND	5	ND	15	ND	ND	134
16867	19.7	1.54	107	ND	74	7	.27	1.7	14	45	216	4.64	.14	.80	2458	6	.48	44	.15	219	ND	ND	10	ND	9	ND	ND	582
16868	1.7	2.11	151	ND	66	6	.34	.1	10	93	224	4.40	.12	1.20	861	8	.20	38	.15	35	ND	ND	7	ND	12	ND	ND	129
16869	.4	3.62	37	ND	83	8	1.88	.1	20	64	154	5.17	.13	2.65	1128	4	.25	63	.35	10	ND	ND	ND	2	75	ND	ND	168
16870	.1	4.67	14	ND	47	4	1.85	.1	28	62	180	7.05	.12	4.50	1748	3	.40	91	.54	9	ND	ND	ND	1	108	ND	ND	188
16871	2.1	2.00	235	ND	45	5	.58	3.2	19	22	189	4.45	.13	1.12	1251	6	.32	24	.17	36	ND	ND	4	ND	17	ND	ND	304
16872	.9	2.77	7	ND	39	6	.61	.2	18	48	182	5.25	.10	2.34	2352	5	.35	57	.17	38	ND	ND	ND	ND	15	ND	ND	188
16873	3.5	2.87	16	ND	35	ND	.60	.6	27	67	332	7.23	.08	2.17	2028	7	.44	42	.14	43	ND	ND	ND	ND	13	ND	ND	181
16874	.7	1.82	4	ND	32	4	.72	.6	16	98	250	3.72	.10	1.23	1233	13	.15	69	.13	11	ND	ND	ND	2	13	ND	ND	57
16875	1.7	1.56	19	ND	67	ND	1.18	3.2	15	86	78	3.47	.12	1.02	3346	6	.52	75	.13	185	ND	ND	3	1	30	ND	ND	538
16876	.5	1.93	48	ND	69	ND	.34	.6	13	71	90	3.83	.08	1.56	2718	7	.26	51	.13	48	ND	ND	21	ND	11	ND	ND	155
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 870929 GA JOB NUMBER: 870929 WESTERN CON. MINING CORP.

SAMPLE #	Au ppb
17151	40
17152	10
17153	90
17154	30
17155	180
17156	90
17157	140
17158	80
17159	750
17160	960
17161	1980
17162	nd
17163	1400
17164	960
17165	3050
17166	685
17167	280
17168	650
17169	1200
17170	780
17171	2050
17172	60
17173	70
17174	140
17175	120
17176	100
17177	200
17178	150
17179	180
17180	290
17181	240
17182	280
17183	240
17184	nd
17185	220
17186	250
17187	260
17188	295
17189	250

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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SAMPLE #	Au ppb
17190	180
17191	150
17192	nd
17193	nd
17194	280
17195	400
17196	225
17197	100
17198	140
17199	90
17200	80
17201	155
17202	120
17203	40
17204	60
17205	55
17206	5
17207	80
17208	130
17209	50
17210	50
17211	110
17212	220
17213	160
17214	105
17215	120
17216	100
17217	100
17218	110
17219	5

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT:

REPORT#: 870929PA
JOB#: 870929
INVOICE#: 870929NA

DATE RECEIVED:
DATE COMPLETED: 87/09/15
COPY SENT TO:

ANALYST [illegible]

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17151	.1	1.23	43	ND	82	ND	2.73	2.4	11	4	142	4.65	.01	1.38	3879	ND	.50	2	.17	273	ND	ND	ND	ND	156	ND	ND	676
17152	.1	1.82	21	ND	136	ND	2.05	.1	11	21	55	4.57	.01	1.53	3531	ND	.24	4	.17	13	ND	ND	ND	ND	134	ND	ND	433
17153	1.1	.39	210	ND	60	ND	1.36	.1	13	38	132	5.24	.06	.11	2516	1	.24	6	.17	248	ND	ND	5	ND	41	ND	ND	464
17154	.2	.40	122	ND	76	ND	1.22	2.5	14	6	109	4.62	.06	.12	1583	ND	.41	ND	.20	149	ND	ND	7	ND	33	ND	ND	1076
17155	1.4	.33	678	ND	28	ND	.51	.1	16	43	451	8.09	.06	.03	377	2	.24	10	.20	148	ND	ND	20	ND	25	ND	ND	344
17156	.6	.35	133	ND	46	ND	.59	.1	15	10	145	6.22	.07	.04	508	1	.14	5	.21	61	ND	ND	6	ND	21	ND	3	122
17157	1.5	.34	121	ND	51	ND	.37	.1	15	45	260	4.65	.08	.02	63	3	.17	6	.17	131	ND	ND	8	ND	11	ND	ND	326
17158	1.3	.35	135	ND	41	ND	.50	.4	14	12	215	5.33	.07	.02	93	ND	.22	2	.19	329	ND	ND	6	ND	17	ND	ND	453
17159	2.7	.26	213	ND	44	ND	.56	.1	12	37	204	4.73	.06	.01	52	2	.10	32	.12	139	ND	ND	11	ND	19	ND	3	87
17160	2.0	.21	145	ND	41	ND	.45	.1	21	15	232	5.42	.06	.01	63	2	.11	86	.11	162	ND	ND	11	ND	18	ND	4	85
17161	4.1	.31	434	ND	40	ND	.73	.1	21	60	709	7.25	.05	.15	[illegible]	4	.32	54	.17	195	ND	ND	20	ND	20	ND	ND	617
17162	.2	.36	329	ND	43	ND	.60	1.0	14	15	245	5.92	.06	.08	704	1	.37	8	.19	162	ND	ND	11	ND	17	ND	ND	857
17163	1.3	.37	330	ND	51	ND	.47	.1	14	12	203	5.64	.06	.06	409	1	.26	5	.13	210	ND	ND	13	ND	13	ND	ND	530
17164	2.9	.31	254	ND	49	ND	.48	.1	17	50	255	6.54	.06	.02	53	2	.20	22	.21	143	ND	ND	19	ND	25	ND	ND	313
17165	3.5	.34	259	ND	51	ND	.54	.1	14	63	342	5.48	.06	.10	724	3	.28	6	.16	99	ND	ND	23	ND	13	ND	ND	619
17166	.1	.34	225	ND	56	ND	1.37	.3	13	11	88	4.83	.05	.47	4517	ND	.37	5	.18	244	ND	ND	10	ND	29	ND	ND	888
17167	.1	.37	221	ND	50	ND	2.59	.1	12	41	56	5.07	.05	.73	6068	2	.30	2	.17	134	ND	ND	6	ND	67	ND	ND	607
17168	.1	.35	250	ND	52	ND	1.88	.6	13	6	133	5.28	.06	.43	4185	ND	.35	4	.18	340	ND	ND	5	ND	58	ND	ND	793
17169	2.1	.34	249	ND	50	ND	1.15	1.6	14	49	236	5.26	.07	.24	2357	2	.36	2	.13	217	ND	ND	13	ND	33	ND	ND	847
17170	1.0	.42	148	ND	56	ND	1.86	3.5	16	14	157	5.86	.05	.30	3461	ND	.55	3	.23	241	ND	ND	4	ND	54	ND	ND	1377
17171	8.3	.34	423	3	38	3	1.21	.1	13	55	1055	7.12	.05	.21	1704	3	.25	16	.15	365	ND	ND	17	ND	40	ND	ND	397
17172	.7	.52	71	ND	64	ND	1.25	4.0	14	10	151	4.46	.07	.30	2566	1	.46	5	.19	193	ND	ND	6	ND	41	ND	ND	1161
17173	.7	.48	79	ND	55	4	.56	5.0	15	55	172	4.63	.05	.10	1508	3	.34	16	.13	175	ND	ND	7	ND	52	3	ND	624
17174	.4	.50	126	ND	59	ND	.35	.1	14	20	316	5.76	.07	.09	551	3	.22	65	.19	84	ND	ND	7	ND	26	ND	4	399
17175	2.0	.40	153	ND	59	3	.23	.8	20	46	391	5.12	.07	.04	235	2	.26	22	.15	123	ND	ND	9	ND	83	ND	5	534
17176	.8	.49	66	ND	57	ND	.68	10.7	20	58	150	4.75	.06	.22	2034	2	.67	21	.18	93	ND	ND	6	ND	16	ND	ND	2384
17177	.9	.47	99	ND	48	ND	1.54	2.1	22	9	161	6.00	.04	.41	5774	1	.40	13	.13	200	ND	ND	5	ND	37	ND	ND	860
17178	1.8	.92	66	ND	68	ND	1.25	2.7	21	40	205	5.15	.05	.62	8533	1	.45	21	.15	174	ND	ND	4	ND	25	ND	ND	1043
17179	2.4	.67	53	ND	54	ND	1.28	13.4	23	12	253	5.03	.05	.53	5054	ND	.93	21	.16	131	ND	ND	3	ND	32	ND	ND	2667
17180	2.6	.48	101	ND	35	ND	.33	11.7	20	54	155	6.24	.06	.24	2519	13	.95	74	.17	168	ND	ND	6	ND	21	ND	ND	2522
17181	2.0	.40	103	ND	35	ND	.68	8.7	24	12	253	5.56	.05	.19	2193	4	.66	45	.13	238	ND	ND	7	ND	35	ND	ND	2202
17182	5.1	.31	110	ND	47	3	.69	3.3	11	65	290	4.89	.06	.19	3002	3	.45	15	.13	368	ND	ND	11	ND	18	ND	ND	1076
17183	4.4	.28	154	ND	59	ND	.53	.1	10	21	332	4.38	.06	.12	1314	1	.25	4	.13	119	ND	ND	23	ND	15	ND	4	512
17184	8.8	.32	447	ND	62	6	.28	.1	11	87	581	4.44	.06	.03	368	5	.31	5	.16	844	ND	ND	62	ND	20	ND	ND	713
17185	2.8	.35	162	ND	63	4	.17	3.0	13	40	444	4.30	.08	.02	68	2	.40	5	.16	277	ND	ND	26	ND	21	ND	ND	979
17186	2.4	.32	152	ND	36	5	.32	1.4	10	12	269	4.83	.06	.08	698	1	.30	7	.13	298	ND	ND	18	ND	18	ND	6	637
17187	1.6	.24	264	ND	35	4	.45	.1	7	30	137	5.25	.05	.14	1305	5	.15	10	.09	310	ND	ND	13	ND	13	ND	4	176
17188	2.6	.23	328	ND	39	5	.51	.1	8	25	253	5.70	.06	.16	1660	1	.27	9	.10	262	ND	ND	15	ND	15	ND	ND	508
17189	3.4	.32	152	ND	47	ND	.41	4.3	13	40	210	4.51	.06	.03	537	2	.48	4	.17	269	ND	ND	15	ND	10	ND	ND	1173
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	[illegible]	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPB	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 PPB	PT PPB	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
17190	1.4	.20	173	ND	41	ND	.59	1.4	11	7	180	5.46	.01	.14	2072	1	.31	4	.15	270	ND	ND	12	ND	15	ND	ND	731
17191	.7	.31	137	ND	57	ND	.73	1.5	14	52	177	4.70	.03	.20	2172	3	.33	2	.19	245	ND	ND	11	ND	17	ND	ND	843
17192	1.3	.58	95	ND	66	ND	.78	8.0	14	12	159	4.24	.03	.22	2324	1	.67	3	.20	309	ND	ND	9	ND	18	ND	ND	1576
17193	.1	.54	66	ND	74	ND	1.68	2.5	13	38	215	4.15	.03	.62	7766	2	.33	3	.20	147	ND	ND	6	ND	36	ND	ND	827
17194	2.8	.36	124	ND	48	ND	1.23	6.5	20	11	345	7.19	.02	.44	5363	1	.66	22	.15	455	ND	ND	6	ND	29	ND	ND	1744
17195	.4	.41	55	ND	51	ND	1.22	7.6	15	55	260	5.26	.04	.45	4896	3	.63	27	.16	266	ND	ND	4	ND	36	ND	ND	1751
17196	.2	.47	53	ND	60	ND	1.96	11.7	20	42	57	5.21	.02	.71	7354	1	.88	25	.15	216	ND	ND	ND	ND	51	ND	ND	2541
17197	.1	1.02	33	ND	77	ND	3.17	8.3	22	56	122	5.12	.01	1.72	13787	2	.73	135	.16	412	ND	ND	ND	ND	83	ND	ND	1981
17198	.1	.71	31	ND	72	ND	3.27	1.3	16	55	210	5.02	.01	1.60	11118	3	.32	75	.16	209	ND	ND	ND	ND	97	ND	ND	835
17199	.1	.34	35	ND	51	ND	3.72	2.2	24	7	131	6.25	.01	1.67	8104	ND	.39	31	.19	200	ND	ND	ND	ND	125	ND	ND	811
17200	.1	.49	20	ND	48	ND	3.75	3.4	20	54	64	5.86	.01	1.96	7772	1	.43	58	.17	104	ND	ND	ND	ND	137	ND	ND	944
17201	.1	.88	19	ND	63	ND	3.38	1.6	20	29	141	5.61	.01	2.12	8329	2	.37	74	.18	89	ND	ND	...	ND	[illegible]	ND	ND	755
17202	.1	1.70	33	ND	40	ND	2.97	5.3	26	44	118	6.88	.01	2.77	6500	1	.52	27	.14	75	ND	ND	ND	ND	115	ND	ND	1128
17203	.1	.98	13	ND	71	ND	3.31	.1	17	25	131	5.09	.01	2.19	8538	2	.24	55	.17	67	ND	ND	ND	ND	114	ND	ND	951
17204	.1	.33	23	ND	61	ND	2.61	14.4	15	43	154	4.39	.01	1.08	4530	2	.89	57	.16	516	ND	ND	ND	ND	83	ND	ND	2530
17205	.9	.33	41	ND	70	ND	1.98	1.5	15	12	206	4.19	.05	.73	3771	1	.27	38	.16	185	ND	ND	5	ND	64	ND	ND	582
17206	4.9	.33	176	ND	50	ND	2.18	.9	19	67	524	5.60	.03	.62	3120	3	.31	64	.17	200	ND	ND	116	ND	91	ND	ND	623
17207	.1	.76	21	ND	83	ND	3.16	12.0	18	26	116	5.07	.02	1.73	6295	ND	.60	67	.17	153	ND	ND	ND	ND	99	ND	ND	2138
17208	1.0	.45	30	ND	65	ND	3.57	20.9	18	47	144	5.43	.01	1.58	6342	3	1.30	71	.16	514	ND	ND	ND	ND	112	ND	ND	3699
17209	.1	1.19	12	ND	49	ND	2.81	10.2	20	49	160	5.07	.01	2.21	5755	ND	.77	64	.17	64	ND	ND	ND	ND	91	ND	ND	2004
17210	.1	1.45	11	ND	44	ND	2.92	1.7	16	98	92	5.31	.01	2.81	6118	3	.37	76	.17	89	ND	ND	ND	ND	117	ND	ND	696
17211	.1	.47	18	ND	64	ND	1.95	1.9	22	14	99	5.18	.02	.65	3428	3	.61	66	.17	73	ND	ND	ND	ND	48	ND	ND	637
17212	1.7	.34	52	ND	46	ND	3.04	5.0	16	64	410	6.12	.02	1.03	5676	5	.55	71	.15	203	ND	ND	4	ND	88	ND	ND	1268
17213	.9	.24	44	ND	40	ND	2.47	3.3	21	22	270	6.63	.02	.52	4633	2	.48	74	.17	266	ND	ND	3	ND	62	ND	ND	1053
17214	.5	.33	48	ND	47	ND	1.78	9.5	24	19	143	5.62	.02	.52	3645	1	.79	77	.19	148	ND	ND	6	ND	48	ND	ND	2084
17215	.2	.39	33	...	...	ND	2.19	4.6	19	22	201	5.56	.03	.86	4563	3	.53	57	.18	109	ND	ND	4	ND	54	ND	ND	1190
17216	.1	.37	27	ND	40	ND	3.83	10.1	19	20	154	6.01	.01	1.66	7211	1	.78	81	.17	193	ND	ND	ND	ND	68	ND	ND	1951
17217	.1	.35	24	ND	51	ND	3.17	4.8	19	22	95	5.63	.01	1.23	5938	ND	.50	73	.16	151	ND	ND	ND	ND	75	ND	ND	1135
17218	.1	.28	22	ND	37	ND	5.30	9.5	20	13	153	5.73	.01	1.57	8337	1	.73	66	.16	175	ND	ND	ND	ND	132	ND	ND	1813
17219	.1	.99	7	ND	48	ND	3.33	.8	21	29	213	5.85	.01	1.45	4345	4	.51	72	.16	161	ND	ND	ND	ND	93	ND	ND	536
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CDN. MINING
ATTENTION:
PROJECT:

REPORT#: PA
JOB#: 870971
INVOICE#: NA

DATE RECEIVED: 87/08/07
DATE COMPLETED: 87/08/27
COPY SENT TO:

ANALYST a. Perez

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16514	ND	1.59	3	ND	443	ND	.13	.1	1	4	232	4.84	.05	1.04	280	8	.13	3	.16	8	ND	ND	4	ND	17	ND	ND	100
16515	ND	1.75	ND	ND	471	ND	.14	.1	2	12	254	5.45	.06	1.15	360	10	.14	1	.16	4	ND	ND	4	ND	18	ND	ND	100
16516	ND	.55	3	ND	789	ND	.03	.1	ND	23	196	4.40	.09	.12	42	19	.07	3	.17	6	ND	ND	4	ND	32	3	ND	23
16517	ND	1.28	9	ND	522	ND	.07	.1	ND	3	168	4.77	.06	.76	165	11	.13	ND	.17	4	ND	ND	4	ND	26	ND	ND	137
16518	ND	1.11	4	ND	543	ND	.06	.1	ND	2	144	4.54	.07	.65	126	12	.11	3	.17	16	ND	ND	4	ND	35	ND	ND	89
16519	ND	.76	3	ND	553	ND	.04	.1	ND	11	254	3.85	.08	.42	85	9	.09	1	.12	5	ND	ND	5	ND	34	4	ND	91
16520	1.9	1.32	147	ND	160	ND	.26	.1	5	22	123	3.41	.08	.66	1008	3	.12	21	.16	253	ND	ND	10	ND	14	ND	ND	190
16521	3.5	1.62	120	ND	152	ND	.25	.8	4	16	115	3.13	.10	.88	1208	3	.21	22	.15	486	ND	ND	7	ND	13	ND	ND	449
16522	1.8	1.21	233	ND	153	ND	.10	.7	3	28	135	3.71	.10	.51	662	3	.14	14	.13	175	ND	ND	12	ND	7	ND	ND	244
16523	1.1	.87	494	ND	154	ND	.14	.1	3	13	53	2.88	.10	.27	609	2	.10	9	.14	191	ND	ND	10	ND	8	ND	ND	162
16524	2.9	1.07	237	ND	119	ND	.22	.1	4	40	62	2.48	.09	.54	1044	3	.09	18	.09	121	ND	ND	8	ND	14	ND	ND	135
16525	ND	1.97	44	ND	94	ND	3.77	.1	9	27	81	3.65	.05	1.71	3264	1	.15	36	.12	50	ND	ND	ND	ND	102	ND	ND	157
16538	ND	.35	34	3	963	ND	.02	.1	ND	13	592	9.38	.10	.03	31	24	.16	ND	.15	4	ND	ND	7	ND	27	ND	ND	8
16539	>100	.24	47	50	61	5	.64	38.5	3	17	4371	3.05	.06	.08	556	24	2.46	12	.01	7002	ND	ND	139	ND	28	ND	ND	6968 ←
16540	22.3	.16	471	3	46	5	.01	.1	ND	127	266	3.54	.07	.01	50	8	.09	2	.01	146	ND	ND	213	7	2	3	3	119
16701	1.3	.83	131	ND	72	ND	.16	.1	3	14	47	2.20	.10	.37	695	3	.05	7	.08	60	ND	ND	10	ND	5	3	3	58
16702	.2	1.65	52	ND	87	ND	1.11	.2	6	29	108	3.17	.06	1.27	2651	3	.12	19	.10	107	ND	ND	7	ND	12	ND	ND	161
16703	ND	1.58	64	ND	93	ND	.48	.1	8	37	126	4.36	.07	1.14	1689	6	.13	20	.12	35	ND	ND	8	ND	11	ND	ND	132
16704	ND	1.87	28	ND	63	4	.45	.1	11	58	121	4.48	.06	1.45	1858	4	.11	25	.13	20	ND	ND	6	ND	12	ND	ND	70
16705	ND	2.29	32	ND	52	ND	.77	.1	14	42	161	4.55	.05	1.73	2038	4	.12	36	.15	6	ND	ND	4	ND	16	ND	ND	64
16706	2.2	.44	45	ND	147	ND	.02	.1	1	13	60	2.11	.09	.05	63	2	.04	5	.08	73	ND	ND	22	ND	7	4	4	59
16707	2.5	.46	31	ND	150	ND	.03	.1	3	5	40	2.38	.10	.05	58	1	.07	4	.08	85	ND	ND	16	ND	4	3	ND	113
16708	.9	.44	23	ND	137	ND	.02	.1	1	13	61	2.84	.09	.04	174	2	.08	1	.11	53	ND	ND	5	ND	3	5	ND	127
16709	1.3	.47	45	ND	152	ND	.03	.1	3	5	143	3.38	.10	.05	144	1	.07	6	.12	53	ND	ND	7	ND	4	ND	ND	85
16710	ND	.49	32	ND	181	ND	.02	.1	1	12	89	4.35	.09	.04	120	1	.08	3	.13	36	ND	ND	6	ND	4	ND	ND	50
16711	.9	.44	46	ND	122	3	.01	.1	1	4	135	5.10	.09	.04	203	1	.11	3	.12	68	ND	ND	7	ND	8	ND	ND	107
16712	1.8	.53	40	ND	193	ND	.01	.1	1	18	131	5.39	.09	.08	215	2	.15	1	.13	76	ND	ND	7	ND	9	ND	ND	188
16713	2.0	.53	55	3	137	3	.01	.1	1	8	228	9.33	.10	.07	375	2	.29	5	.20	95	ND	ND	8	ND	6	ND	ND	365
16714	3.2	.50	65	ND	159	ND	.01	.1	2	28	153	4.34	.09	.05	319	4	.10	3	.12	79	ND	ND	8	ND	8	ND	4	114
16715	2.9	.37	100	ND	99	ND	.01	.1	1	4	169	3.31	.09	.03	313	1	.06	2	.10	46	ND	ND	7	ND	4	4	ND	42
16716	.5	.38	58	ND	97	ND	.01	.1	1	13	136	3.35	.08	.03	150	1	.06	2	.11	23	ND	ND	5	ND	3	6	ND	61
16717	.2	.40	58	ND	106	ND	.01	.1	ND	6	76	3.23	.08	.04	69	1	.06	1	.07	23	ND	ND	7	ND	12	5	3	54
16718	.3	.43	32	ND	107	ND	.01	.1	2	13	53	3.13	.08	.05	35	1	.05	5	.07	21	ND	ND	6	ND	8	3	ND	36
16719	1.9	.40	86	ND	108	ND	.01	.1	ND	4	52	2.67	.08	.03	27	1	.04	ND	.06	37	ND	ND	8	ND	4	6	5	23
16720	.3	.46	20	ND	84	3	.01	.1	ND	7	47	2.24	.08	.05	49	1	.04	1	.06	17	ND	ND	6	ND	2	6	4	48
16721	1.2	.43	46	ND	93	ND	.01	.1	ND	28	63	3.52	.09	.04	35	2	.05	1	.08	43	ND	ND	8	ND	6	5	ND	30
16722	.8	.50	46	ND	112	ND	.02	.1	1	5	56	3.72	.10	.06	55	1	.07	3	.10	44	ND	ND	6	ND	5	ND	ND	50
16723	1.2	.43	122	ND	92	4	.01	.1	ND	20	149	5.05	.07	.07	97	5	.11	2	.10	82	ND	ND	8	ND	9	ND	3	87
16724	.3	.62	29	ND	97	ND	.08	.1	10	8	246	3.89	.08	.24	104	1	.09	12	.10	14	ND	ND	6	ND	4	ND	ND	74
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	2	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16725	1.3	.57	37	ND	89	3	.02	.1	ND	18	62	3.28	.08	.28	101	1	.06	3	.10	21	ND	ND	6	ND	4	6	ND	54
16726	.7	.61	28	ND	68	ND	.11	.1	7	7	94	4.20	.08	.36	171	1	.10	9	.13	26	ND	ND	5	ND	8	3	4	85
16727	1.1	.54	28	ND	164	3	.03	.1	1	22	103	4.87	.08	.25	134	3	.12	3	.13	97	ND	ND	6	ND	10	3	ND	117
16728	1.7	.54	36	ND	110	ND	.04	.1	4	10	169	5.95	.08	.20	146	2	.15	9	.13	132	ND	ND	7	ND	8	3	ND	129
16729	1.3	.46	25	ND	68	ND	.08	.1	7	17	111	3.61	.08	.13	82	ND	.08	13	.10	26	ND	ND	7	ND	5	8	ND	65
16730	2.6	.65	24	ND	77	8	.07	.1	6	26	408	5.70	.09	.52	199	11	.13	23	.13	21	ND	ND	10	ND	8	3	5	86
16731	2.2	.62	29	ND	70	ND	.08	.1	7	18	284	6.15	.11	.44	155	12	.13	27	.15	15	ND	ND	8	ND	8	4	ND	60
16732	.8	1.72	25	ND	231	ND	.14	.1	5	63	318	5.97	.06	1.85	978	15	.22	28	.17	13	ND	ND	6	ND	9	ND	ND	243
16733	1.2	2.43	56	ND	165	ND	.14	.1	5	15	154	8.34	.07	1.64	1736	4	.26	6	.16	69	ND	ND	9	ND	9	ND	ND	220
16734	10.7	.87	266	ND	510	4	.02	.1	2	22	538	10.76	.10	.43	1121	4	.32	5	.18	1435	ND	ND	72	ND	19	ND	ND	329
16735	4.3	3.70	269	3	112	4	.18	.1	7	32	172	8.78	.04	3.22	8820	2	.41	8	.22	3413	ND	ND	12	ND	10	ND	ND	497
16736	2.9	3.84	144	ND	98	3	.22	.1	6	39	64	7.60	.03	3.52	8776	3	.30	8	.22	2316	ND	ND	10	ND	10	ND	ND	258
16737	6.0	3.60	351	ND	110	ND	.20	.1	8	27	303	9.09	.04	3.11	6739	2	.42	11	.23	3002	ND	ND	13	ND	9	ND	ND	503
16738	14.9	3.55	1033	ND	122	5	.30	3.7	18	20	804	9.00	.06	2.66	7494	3	.83	15	.26	6676	ND	ND	18	ND	11	ND	ND	1632
16739	15.1	4.35	153	3	65	ND	.23	5.5	14	14	267	9.26	.03	3.86	7926	3	1.01	9	.21	5450	ND	ND	14	ND	8	ND	ND	2007
16740	10.8	3.52	99	3	66	ND	.19	.1	9	42	435	9.52	.06	2.95	4451	3	.48	7	.23	4527	ND	ND	15	ND	8	ND	ND	652
16741	10.1	2.61	141	ND	69	3	.20	1.0	7	43	375	6.44	.07	2.13	3096	5	.46	6	.19	3734	ND	ND	13	ND	9	ND	ND	908
16742	3.9	2.53	30	ND	70	ND	.53	5.0	9	8	164	5.65	.05	2.05	3757	2	.60	6	.19	1689	ND	ND	8	ND	13	ND	ND	1197
16743	.6	3.72	19	ND	90	ND	.75	10.3	15	15	153	7.08	.04	3.18	5314	2	.79	13	.23	551	ND	ND	4	ND	19	ND	ND	1574
16744	.7	3.74	28	ND	73	ND	.66	9.9	21	24	160	7.66	.04	3.15	5137	2	.85	14	.19	575	ND	ND	6	ND	17	ND	ND	1697
16745	.1	4.18	24	ND	71	ND	.53	10.7	22	22	291	7.90	.04	3.61	7119	2	.88	21	.20	239	ND	ND	6	ND	13	ND	ND	1713
16746	2.5	3.99	120	ND	77	6	.72	18.8	17	17	243	7.76	.05	3.49	6806	3	1.28	12	.19	1136	ND	ND	5	ND	17	ND	ND	2753
16877	2.8	.45	100	ND	97	ND	.12	.1	1	38	59	1.62	.10	.09	897	10	.05	1	.15	260	ND	ND	7	ND	21	10	3	107
16878	5.6	.23	123	ND	57	ND	.04	.1	2	14	160	2.02	.09	.06	1523	3	.06	ND	.09	819	ND	ND	13	ND	9	11	5	131
16879	.1	.39	279	4	105	ND	.05	.1	6	20	330	18.00	.12	.08	2943	4	.57	9	.34	213	ND	ND	14	ND	11	ND	ND	559
16880	2.3	.64	147	ND	50	ND	.11	.7	16	19	131	9.31	.11	.14	911	2	.42	17	.23	232	ND	ND	10	ND	17	ND	ND	636
16881	4.6	1.36	202	ND	93	ND	.42	1.3	19	42	209	10.16	.09	.78	6272	2	.62	26	.19	554	ND	ND	9	ND	22	ND	ND	1040
16882	.1	2.04	31	ND	79	ND	3.32	5.1	23	32	121	6.00	.05	1.97	16893	ND	.63	31	.15	304	ND	ND	ND	ND	132	ND	ND	1187
16883	.1	2.15	31	3	84	ND	2.05	15.8	33	43	307	7.58	.05	1.79	24559	1	.97	51	.15	376	ND	ND	3	ND	84	ND	ND	1963
16884	3.6	.71	75	ND	125	ND	.07	1.1	10	14	169	6.60	.10	.27	3461	2	.49	11	.15	502	ND	ND	9	ND	11	ND	ND	927
16885	4.6	.43	102	ND	125	ND	.06	.4	4	24	115	5.63	.09	.07	1285	4	.37	5	.17	306	ND	ND	7	ND	11	6	ND	710
16886	9.5	.54	274	ND	117	4	.03	.1	4	17	82	5.01	.09	.18	1048	1	.29	4	.12	779	ND	ND	10	1	8	8	ND	521
16887	4.3	.81	349	ND	149	ND	.26	.1	9	19	75	6.31	.09	.47	2588	1	.30	10	.16	363	ND	ND	10	ND	16	ND	ND	435
16888	5.8	1.53	125	ND	120	3	1.21	.1	17	39	232	6.30	.05	1.62	7269	1	.39	23	.13	444	ND	ND	7	ND	42	ND	ND	587
16889	6.4	.52	181	ND	102	ND	.07	.1	8	16	155	7.68	.09	.10	982	1	.28	13	.16	439	ND	ND	10	ND	12	ND	ND	344
16890	7.2	.39	203	ND	109	ND	.02	.1	2	30	170	8.83	.08	.04	360	2	.28	7	.18	524	ND	ND	12	ND	9	ND	ND	270
16891	.7	.64	238	5	68	ND	.14	.1	2	24	218	21.10	.10	.23	1372	5	.49	2	.28	89	ND	ND	15	ND	7	ND	ND	150
16892	3.9	.63	206	ND	120	3	.13	.1	5	24	159	8.94	.09	.21	1226	3	.33	9	.21	254	ND	ND	10	ND	13	ND	ND	390
16893	5.9	.73	151	ND	120	ND	.08	.1	7	21	171	7.01	.09	.19	1285	2	.27	18	.16	234	ND	ND	8	ND	6	ND	ND	358
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16894	3.2	1.31	102	ND	159	ND	.39	.1	10	16	101	4.66	.06	.85	981	2	.16	20	.17	190	ND	ND	ND	ND	18	ND	ND	233
16895	4.1	.53	115	ND	166	ND	.06	.1	6	10	122	5.41	.06	.17	907	1	.17	16	.16	297	ND	ND	4	ND	9	ND	ND	272
16896	.1	.43	27	ND	51	ND	2.29	2.1	11	6	110	4.51	.08	.35	5545	ND	.26	22	.14	127	ND	ND	ND	ND	211	ND	ND	534
16897	1.1	.44	42	ND	30	ND	.88	3.9	14	16	128	5.33	.08	.28	3033	1	.39	28	.17	203	ND	ND	3	ND	73	ND	ND	900
16898	1.6	.40	37	ND	52	ND	.59	6.1	9	6	132	4.41	.08	.22	2201	ND	.50	21	.15	136	ND	ND	ND	ND	109	ND	ND	1305
16899	.1	.46	22	ND	54	ND	1.67	6.5	12	16	178	4.69	.08	.51	5074	1	.58	30	.17	71	ND	ND	ND	ND	178	ND	ND	1507
16900	.1	.34	51	ND	57	ND	.11	.1	7	9	112	4.55	.07	.04	689	ND	.16	6	.12	90	ND	ND	3	ND	15	ND	ND	267
16901	.8	.44	55	ND	46	ND	.07	.3	6	4	141	5.04	.07	.08	813	1	.25	5	.12	157	ND	ND	4	ND	23	ND	ND	501
16902	1.6	.36	108	ND	233	ND	.06	.1	2	22	207	6.02	.08	.04	329	2	.15	3	.19	155	ND	ND	7	ND	28	ND	ND	146
16903	1.9	.34	215	ND	153	3	.01	.1	1	31	105	4.73	.07	.03	83	4	.08	6	.20	61	ND	ND	31	ND	6	ND	ND	38
16904	.7	.48	175	ND	155	ND	.04	.1	1	23	184	5.52	.08	.07	228	2	.12	3	.20	52	ND	ND	17	ND	12	ND	ND	113
16905	6.7	.40	219	ND	182	ND	.03	.1	2	10	148	4.37	.07	.03	97	2	.08	4	.22	81	ND	ND	77	ND	11	ND	ND	45
16906	2.9	.41	116	ND	147	3	.07	.1	5	31	211	5.00	.08	.03	250	4	.13	13	.20	64	ND	ND	31	ND	13	ND	ND	163
16907	1.1	.52	58	ND	126	4	.08	.1	8	14	181	6.34	.08	.04	569	1	.29	20	.20	158	ND	ND	7	ND	7	ND	ND	546
16908	1.4	.40	84	ND	149	ND	.07	.1	4	15	108	5.52	.07	.03	451	3	.19	6	.25	230	ND	ND	24	ND	9	ND	ND	318
16909	2.5	.45	86	ND	107	ND	.08	.1	4	10	91	7.34	.08	.03	115	5	.19	15	.30	188	ND	ND	16	ND	15	ND	ND	178
16910	1.2	.94	44	ND	105	ND	.08	.1	9	18	93	5.16	.06	.41	292	5	.11	15	.20	61	ND	ND	4	ND	9	ND	ND	59
16911	.6	.64	45	ND	124	ND	.03	.1	1	28	42	3.70	.06	.27	316	5	.08	2	.17	87	ND	ND	3	ND	8	ND	ND	100
16912	.7	.43	47	ND	134	ND	.05	.1	2	10	99	5.60	.06	.06	114	3	.19	7	.20	124	ND	ND	5	ND	18	ND	3	292
16913	76.5	1.87	653	5	65	ND	.86	.6	14	32	8016	4.87	.05	1.33	2415	2	.30	48	.20	206	ND	ND	10	ND	31	ND	ND	617
16914	.1	2.41	90	ND	41	ND	1.58	.5	15	65	195	4.62	.05	1.51	3405	5	.20	68	.16	26	ND	ND	ND	ND	26	ND	ND	308
16915	2.2	1.21	65	ND	43	ND	.44	.5	15	61	348	5.24	.07	.56	2124	6	.17	54	.17	49	ND	ND	4	ND	9	ND	ND	265
16916	1.1	1.21	38	ND	56	ND	.36	.3	10	7	195	4.27	.07	.63	1630	4	.12	9	.17	28	ND	ND	ND	ND	8	ND	ND	125
16917	.3	2.04	21	ND	52	ND	.59	.1	12	21	240	4.76	.06	1.35	3292	4	.13	6	.19	16	ND	ND	ND	ND	13	ND	ND	96
16918	.1	2.00	14	ND	44	ND	.89	.1	12	25	173	4.32	.06	1.29	3471	4	.12	3	.17	15	ND	ND	ND	ND	17	ND	ND	99
16919	1.1	1.82	380	ND	63	ND	.91	.2	10	23	161	4.37	.08	1.16	2101	4	.20	21	.20	60	ND	ND	3	ND	20	ND	ND	375
16920	4.3	.44	734	5	38	ND	.08	.1	3	43	75	2.79	.07	.11	247	7	.06	10	.08	44	ND	ND	6	ND	3	3	5	64
16921	.3	1.38	43	ND	70	ND	.32	.6	10	7	147	3.85	.07	.83	1482	1	.16	14	.16	76	ND	ND	ND	ND	7	ND	ND	253
16922	.3	2.07	49	ND	73	3	.43	.3	9	12	104	6.60	.08	.83	1264	2	.22	8	.20	74	ND	ND	3	ND	11	ND	ND	296
16923	.1	2.25	31	ND	48	ND	.40	1.1	9	4	91	5.74	.07	.78	1658	3	.24	10	.11	2	ND	ND	ND	ND	14	ND	ND	451
16924	.3	1.73	32	ND	44	3	.29	.1	7	25	152	3.87	.06	1.21	1013	23	.11	12	.15	4	ND	ND	ND	ND	5	ND	ND	84
16925	1.1	1.16	30	ND	52	ND	.27	.1	5	5	123	3.16	.10	.59	414	18	.06	6	.16	1	ND	ND	4	ND	6	5	ND	36
16926	.1	1.43	14	ND	41	ND	.30	.1	5	17	101	3.02	.06	.86	821	14	.07	10	.16	5	ND	ND	ND	ND	4	ND	ND	42
16927	.1	1.92	8	ND	34	ND	.34	.2	7	7	63	3.34	.05	1.56	2429	2	.16	13	.15	23	ND	ND	ND	ND	4	ND	ND	258
16928	.1	1.31	78	ND	48	4	.68	.1	9	68	232	3.00	.04	1.06	1725	26	.10	23	.12	23	ND	ND	4	ND	24	ND	ND	105
16929	.3	1.72	127	ND	49	ND	.44	.1	24	34	486	7.09	.06	1.29	2131	14	.16	33	.17	30	ND	ND	13	ND	25	ND	ND	57
16930	.1	1.52	51	ND	55	ND	1.58	.1	13	48	358	3.91	.07	1.11	1920	5	.11	26	.17	13	ND	ND	12	ND	64	ND	ND	83
16931	2.9	.48	54	ND	47	3	.17	.1	5	10	179	4.07	.08	.08	260	3	.08	11	.13	7	ND	ND	12	ND	6	ND	ND	41
16932	1.6	.91	229	ND	71	ND	.20	.1	9	33	145	4.22	.07	.44	925	1	.08	7	.14	46	ND	ND	10	ND	4	ND	ND	68
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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	
16933	.6	2.50	38	ND	52	5	.80	.1	21	42	161	6.41	.02	2.20	3495	5	.13	28	.17	20	ND	ND	ND	ND	16	ND	ND	209	
16934	.6	1.51	22	ND	50	ND	.63	.1	11	29	117	4.54	.07	.77	1124	2	.02	11	.15	27	ND	ND	ND	ND	13	ND	ND	71	
16935	.1	2.65	144	ND	66	ND	.94	.1	14	96	109	4.84	.04	2.25	4172	3	.01	66	.17	36	ND	ND	ND	ND	20	ND	ND	204	
16936	3.7	1.89	149	ND	52	3	.66	5.1	11	78	347	4.51	.08	1.29	2894	3	.01	58	.15	177	ND	ND	ND	ND	12	ND	ND	900	
16937	1.7	1.26	33	ND	65	ND	.36	.1	8	25	186	2.97	.11	.60	760	5	.01	15	.14	25	ND	ND	ND	1	7	ND	ND	58	
16938	3.2	.61	12	ND	63	3	.11	.1	3	11	76	2.56	.08	.17	326	5	.01	3	.08	40	ND	ND	ND	2	4	ND	5	20	
16939	.1	2.54	66	ND	64	3	.60	.1	12	61	160	5.83	.06	1.87	3127	2	.01	34	.17	15	ND	ND	ND	ND	10	ND	ND	93	
16940	.1	2.31	51	ND	51	3	.81	.1	12	70	95	4.77	.04	1.72	2484	3	.01	59	.17	19	ND	ND	ND	ND	15	ND	ND	51	
16941	1.3	1.08	100	ND	68	ND	.96	.1	9	32	122	5.08	.08	.60	1201	3	.01	18	.16	92	ND	ND	ND	ND	19	ND	ND	180	
16942	.8	1.67	93	ND	81	ND	1.37	.8	12	35	158	5.00	.08	1.06	2285	3	.01	19	.17	86	ND	ND	ND	ND	33	ND	ND	419	
16943	7.3	1.62	897	ND	77	ND	1.45	3.9	11	14	193	4.58	.08	1.04	2244	12	.01	22	.16	682	ND	ND	7	ND	31	ND	ND	1324	
16944	5.4	.39	193	ND	84	ND	.35	.1	1	66	89	.83	.08	.04	360	5	.01	2	.22	421	ND	ND	11	ND	52	ND	5	70	
16945	3.4	.41	394	ND	114	ND	.15	.1	1	11	44	1.92	.08	.03	109	2	.01	3	.22	133	ND	ND	ND	ND	19	ND	4	34	
16946	5.1	.46	196	ND	151	3	.16	.1	ND	54	85	2.36	.07	.04	124	4	.01	ND	.20	210	ND	ND	8	ND	13	ND	3	59	
16947	3.2	.48	178	ND	141	ND	.17	.1	ND	18	63	3.25	.08	.06	160	3	.01	5	.20	128	ND	ND	3	ND	30	ND	ND	73	
16948	1.6	1.58	226	ND	228	ND	.25	.1	6	55	128	9.60	.06	1.02	1009	3	.01	12	.28	131	ND	ND	ND	ND	11	ND	ND	320	
16949	12.1	.44	201	ND	88	ND	.14	2.1	11	16	441	8.71	.08	.05	982	5	.01	21	.27	1066	ND	ND	16	ND	12	ND	ND	835	
16950	4.1	1.81	90	ND	144	ND	.77	9.5	19	18	214	7.43	.06	.93	12698	2	.01	52	.24	734	ND	ND	ND	ND	31	ND	ND	2028	
16951	6.4	1.21	243	ND	125	ND	.16	.1	12	38	224	7.85	.07	.48	4981	3	.01	12	.22	738	ND	ND	5	ND	13	ND	ND	551	
16952	2.5	1.51	152	ND	178	4	.40	.1	11	14	94	6.41	.07	.96	1305	2	.01	6	.17	354	ND	ND	4	ND	27	ND	ND	137	
16953	7.5	.53	496	ND	168	ND	.06	.1	2	53	110	7.01	.07	.11	269	2	.01	17	.22	1228	ND	ND	13	ND	9	ND	ND	230	
16954	3.9	1.18	125	ND	131	ND	.55	17.7	17	15	270	6.94	.07	.59	9432	2	.01	60	.25	528	ND	ND	4	ND	18	ND	ND	3422	←
16955	.6	2.95	33	ND	75	ND	1.06	8.3	24	50	138	7.05	.05	2.22	8688	2	.01	32	.16	234	ND	ND	ND	ND	29	ND	ND	1682	
16956	.1	1.92	37	ND	98	ND	3.67	2.5	22	18	117	7.08	.06	1.75	17121	ND	.01	36	.17	222	ND	ND	ND	ND	108	ND	ND	818	
16957	.1	.88	53	ND	79	ND	3.09	19.5	17	35	80	5.75	.07	.81	27001	ND	.01	62	.17	506	ND	ND	ND	ND	73	ND	ND	3972	←
16958	1.2	1.02	96	ND	94	ND	2.29	8.5	13	23	124	8.89	.07	.86	12042	1	.01	38	.20	614	ND	ND	ND	ND	52	ND	ND	1938	
16959	1.1	1.76	201	ND	118	ND	.16	.1	13	54	189	12.10	.05	1.29	1690	4	.01	16	.22	189	ND	ND	3	ND	6	ND	ND	312	
16960	3.5	1.29	367	ND	145	ND	.13	.1	10	32	129	8.14	.04	.77	831	2	.01	24	.19	202	ND	ND	21	ND	8	ND	ND	169	
16961	1.7	1.70	663	ND	324	ND	.22	.1	8	65	170	10.92	.04	1.08	1439	3	.01	18	.20	233	ND	ND	12	ND	14	ND	ND	253	
16962	6.1	.53	409	ND	151	ND	.12	.1	8	17	267	8.16	.04	.10	1065	1	.01	14	.17	666	ND	ND	12	ND	9	ND	ND	399	
16963	2.7	.98	76	ND	161	ND	.91	.1	20	12	259	9.83	.04	.59	6032	1	.01	16	.24	329	ND	ND	ND	ND	26	ND	ND	631	
16964	1.1	2.66	70	ND	181	ND	.51	.1	22	29	151	9.32	.03	1.79	5163	1	.01	25	.22	159	ND	ND	ND	ND	14	ND	ND	361	
16965	.1	2.95	40	ND	117	ND	2.38	.1	32	24	211	8.94	.03	2.33	8139	ND	.01	35	.22	140	ND	ND	ND	ND	68	ND	ND	543	
16966	.1	3.69	42	ND	258	ND	1.52	.1	24	36	240	9.80	.02	2.70	3999	1	.01	28	.20	95	ND	ND	ND	ND	79	ND	ND	463	
16967	.5	3.25	93	ND	205	ND	.69	.1	22	21	161	10.21	.02	2.27	3350	1	.01	27	.20	156	ND	ND	ND	ND	27	ND	ND	569	
16968	1.3	.53	32	ND	195	ND	.06	.1	2	55	36	1.97	.03	.10	242	5	.01	3	.08	72	ND	ND	7	ND	10	ND	ND	43	
16969	2.1	.44	56	ND	159	ND	.06	.1	1	30	39	1.91	.03	.08	291	2	.01	5	.03	48	ND	ND	41	ND	12	ND	ND	33	
16970	1.2	.56	24	ND	125	ND	.03	.1	1	18	26	1.45	.02	.11	160	1	.01	5	.06	36	ND	ND	6	ND	7	ND	ND	28	
16971	1.1	1.73	111	ND	210	ND	.25	.1	5	58	91	6.91	.01	1.20	1256	5	.01	12	.22	66	ND	ND	18	ND	12	ND	ND	64	
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1	

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16972	.1	2.53	152	ND	92	5	.37	.1	8	55	70	6.87	.03	2.08	2352	3	.20	14	.19	33	ND	ND	ND	ND	7	ND	ND	100
16973	1.7	.37	42	ND	116	ND	.05	.1	1	12	73	4.64	.04	.14	232	1	.09	4	.12	40	ND	ND	8	ND	8	ND	ND	19
16974	.6	.61	41	ND	86	ND	.06	.1	1	14	38	3.22	.04	.32	244	3	.06	5	.15	21	ND	ND	5	ND	5	ND	4	22
16975	.5	.87	34	ND	92	ND	.06	.1	2	36	28	3.33	.04	.47	345	9	.07	2	.12	25	ND	ND	3	ND	4	ND	ND	27
16976	.3	.27	14	ND	91	3	.02	.1	ND	47	71	4.60	.06	.04	45	8	.08	3	.12	24	ND	ND	3	ND	4	ND	ND	17
16977	.1	.32	16	ND	92	ND	.02	.1	2	37	101	4.65	.06	.05	79	8	.09	8	.13	17	ND	ND	3	ND	14	ND	ND	50
16978	.1	.26	13	ND	59	ND	.05	.1	4	31	53	4.65	.06	.03	32	28	.08	8	.19	14	ND	ND	3	ND	5	ND	ND	8
16979	.1	.21	23	ND	71	ND	.01	.1	ND	32	75	6.56	.05	.02	17	12	.12	ND	.15	21	ND	ND	4	ND	5	ND	ND	9
16980	.8	.21	94	ND	64	ND	.01	.1	ND	87	74	8.61	.07	.01	16	18	.16	2	.12	37	ND	ND	24	ND	3	ND	ND	6
16981	.8	.23	93	ND	60	ND	.01	.1	ND	45	24	1.86	.05	.01	11	5	.02	1	.29	17	ND	ND	17	ND	2	3	8	6
16982	1.0	.21	56	ND	51	3	.01	.1	ND	56	22	1.16	.06	.01	13	8	.01	1	.11	10	ND	ND	16	ND	2	3	7	4
16983	3.9	.21	143	ND	54	ND	.01	.1	ND	45	19	.93	.06	.01	7	5	.01	1	.09	23	ND	ND	81	ND	1	7	8	16
16984	1.1	.24	84	ND	126	ND	.01	.1	ND	12	52	3.50	.08	.02	29	8	.05	2	.05	65	ND	ND	29	ND	4	6	4	14
16985	.6	.30	58	ND	56	ND	.01	.1	ND	18	93	5.07	.07	.04	43	5	.08	2	.07	17	ND	ND	20	ND	3	3	4	11
16986	.3	.56	59	ND	78	3	.02	.1	1	89	99	6.07	.06	.30	292	12	.12	3	.09	21	ND	ND	10	ND	3	ND	ND	36
16987	.9	.67	38	ND	190	4	.09	.1	2	57	71	5.09	.08	.43	411	4	.10	4	.11	33	ND	ND	12	ND	9	5	ND	55
17220	.1	1.22	ND	ND	352	ND	.34	.1	4	23	80	3.31	.09	.42	477	3	.09	1	.07	2	ND	ND	ND	ND	21	3	ND	156
17221	.4	.32	37	ND	129	4	.02	.1	3	32	155	5.19	.07	.06	40	12	.10	7	.05	18	ND	ND	7	ND	6	ND	3	36
17222	1.3	.50	196	ND	19	ND	.28	.1	24	13	1479	9.84	.09	.31	435	7	.28	35	.16	102	ND	ND	52	ND	9	ND	ND	261
17223	.8	.26	138	ND	24	ND	.01	.1	14	39	368	6.84	.07	.03	23	19	.13	14	.06	29	ND	ND	27	ND	4	ND	ND	39
17224	.7	.22	69	ND	24	ND	.03	.1	16	44	720	6.21	.08	.03	20	11	.12	33	.01	16	ND	ND	33	ND	3	ND	ND	46
17225	1.0	.59	50	ND	29	ND	.22	.8	21	16	1473	6.80	.09	.25	351	8	.20	30	.11	14	ND	ND	25	ND	10	ND	ND	217
17226	.1	.53	153	ND	19	ND	1.76	.1	20	23	1513	7.50	.10	.56	1211	9	.20	28	.14	47	ND	ND	34	ND	42	ND	ND	133
17227	.1	.85	25	ND	38	ND	1.89	6.3	23	12	1047	7.00	.11	.76	1427	3	.68	26	.16	53	ND	ND	ND	ND	42	ND	ND	1462
17228	.2	.82	17	ND	31	ND	1.76	1.0	23	19	792	7.12	.12	.83	1213	4	.30	30	.14	67	ND	ND	3	ND	44	ND	ND	430
17229	.1	.91	26	ND	21	ND	1.93	.1	23	33	579	8.43	.12	1.02	1182	4	.22	27	.14	44	ND	ND	6	ND	62	ND	ND	127
17230	.9	.75	29	ND	23	ND	.85	.6	26	36	1280	9.19	.11	.71	729	4	.31	25	.15	38	ND	ND	5	ND	19	ND	ND	352
17231	1.0	.67	39	ND	32	ND	1.11	.5	19	19	783	7.51	.09	.56	773	6	.25	30	.15	35	ND	ND	4	ND	32	ND	ND	296
17232	1.7	1.20	89	ND	48	ND	2.83	.5	14	22	685	4.86	.10	1.05	2552	5	.22	24	.16	117	ND	ND	ND	ND	103	ND	ND	323
17233	1.0	1.82	41	ND	107	ND	4.18	.4	11	2	500	3.45	.09	1.61	3415	2	.18	3	.15	87	ND	ND	ND	ND	123	ND	ND	237
17234	4.0	1.84	61	ND	57	ND	2.81	1.7	17	46	883	4.53	.09	1.61	2495	3	.27	25	.12	129	ND	ND	ND	ND	79	ND	ND	435
17235	4.9	2.20	294	ND	60	ND	2.87	.4	24	53	778	5.24	.12	1.75	2578	5	.27	44	.15	93	ND	ND	ND	ND	72	ND	ND	406
17236	.8	3.39	50	3	50	ND	1.96	1.3	22	67	402	5.76	.09	3.61	4143	4	.30	46	.18	6	ND	ND	ND	ND	54	ND	ND	370
17237	1.5	2.74	14	ND	41	3	2.41	.1	19	66	438	5.21	.09	3.04	2753	4	.22	42	.16	28	ND	ND	ND	ND	57	ND	ND	211
17238	3.2	2.47	25	ND	35	ND	2.15	.1	19	75	614	4.21	.09	2.67	2331	2	.18	41	.14	25	ND	ND	ND	ND	61	ND	ND	170
17239	2.6	2.13	43	ND	58	ND	2.84	.8	16	36	575	3.83	.09	1.95	2215	1	.22	37	.14	13	ND	ND	ND	ND	75	ND	ND	315
17240	2.2	2.29	16	ND	35	3	1.72	.7	16	79	548	4.24	.05	2.39	1998	4	.21	36	.14	17	ND	ND	ND	ND	43	ND	ND	265
17241	1.8	3.00	15	ND	26	ND	3.44	14.3	16	63	470	4.60	.04	3.27	3880	4	1.12	41	.14	81	ND	ND	ND	ND	79	ND	ND	2578
17242	3.9	1.04	12	ND	32	ND	4.26	1.8	19	33	781	3.67	.06	.73	2985	1	.23	40	.11	38	ND	ND	ND	ND	84	ND	ND	391
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17243	10.9	1.37	34	ND	29	ND	4.65	.1	35	54	1849	5.03	.10	.83	3224	4	.17	48	.11	15	ND	ND	11	ND	76	ND	ND	148
17244	4.1	1.34	46	ND	24	ND	8.11	.1	25	27	854	6.29	.06	.92	4792	3	.20	42	.07	20	ND	ND	8	ND	135	ND	ND	153
17245	1.8	3.01	13	ND	25	3	2.64	1.7	19	84	509	5.39	.05	3.01	3700	3	.37	46	.14	28	ND	ND	ND	ND	50	ND	ND	583
17246	2.2	3.04	12	ND	22	3	3.12	.1	21	94	599	5.68	.06	3.29	4200	2	.27	51	.15	15	ND	ND	ND	ND	59	ND	ND	253
17247	3.1	2.98	19	ND	27	ND	2.91	.4	21	73	700	5.60	.06	3.14	3926	2	.29	50	.14	33	ND	ND	ND	ND	53	ND	ND	330
17248	2.7	2.61	14	ND	24	4	1.42	.1	22	87	692	4.98	.04	2.79	2860	2	.23	61	.13	30	ND	ND	ND	ND	27	ND	ND	240
17249	2.0	2.84	5	ND	26	3	2.31	.4	23	115	829	5.04	.04	3.00	3853	3	.26	66	.15	16	ND	ND	ND	ND	43	ND	ND	297
17250	1.2	3.97	6	ND	21	5	1.10	24.1	21	101	494	6.13	.03	4.26	4447	4	1.80	65	.16	63	ND	ND	ND	ND	22	ND	ND	4537
17251	6.0	2.14	37	ND	28	ND	1.68	4.2	30	73	1446	7.60	.06	1.65	2553	3	.56	44	.11	76	ND	ND	7	ND	31	ND	ND	1042
17252	2.3	1.50	5	ND	36	3	2.57	.7	15	35	588	3.90	.07	1.22	2081	2	.19	13	.11	41	ND	ND	4	ND	45	ND	ND	279
17253	1.8	1.82	ND	ND	31	3	1.70	1.3	14	43	430	3.72	.05	1.87	2232	2	.25	24	.12	43	ND	ND	ND	ND	30	ND	ND	396
17254	4.0	3.05	16	ND	34	ND	1.24	7.1	27	24	992	7.26	.04	3.18	3691	2	.83	23	.12	35	ND	ND	ND	ND	19	ND	ND	1740
17255	2.6	3.29	19	ND	37	ND	.90	24.4	26	37	669	6.84	.04	3.44	3938	3	1.99	24	.12	90	ND	ND	ND	ND	13	ND	ND	5054
17256	.8	3.39	11	ND	33	5	.78	13.1	20	82	405	5.76	.04	3.60	4098	4	1.19	52	.15	57	ND	ND	4	ND	13	ND	ND	2838
17257	1.0	3.44	14	ND	23	4	1.69	10.1	22	113	333	5.90	.04	3.68	4675	3	1.03	64	.15	54	ND	ND	ND	ND	23	ND	ND	2362
17258	2.1	2.47	10	ND	21	ND	3.10	.1	20	115	525	4.82	.05	2.73	4245	3	.25	62	.14	6	ND	ND	ND	ND	44	ND	ND	289
17259	1.3	1.87	243	ND	123	3	.50	.1	19	115	1138	13.29	.13	1.41	2285	7	.39	38	.54	117	ND	ND	15	ND	248	ND	ND	342
172600	.9	3.16	55	ND	28	ND	.80	3.3	33	121	3088	7.22	.03	2.56	4008	5	.61	83	.18	19	ND	ND	5	ND	20	ND	ND	1150
17261	.1	2.54	21	ND	20	ND	3.50	1.5	21	104	469	5.18	.07	2.44	4000	3	.37	62	.15	34	ND	ND	ND	ND	53	ND	ND	610
17262	.1	2.72	9	ND	23	ND	3.75	1.1	19	113	407	5.32	.05	2.78	4313	1	.33	60	.15	27	ND	ND	ND	ND	48	ND	ND	470
17263	.7	2.67	22	ND	110	3	.55	.3	14	132	1688	6.97	.03	2.23	2778	5	.30	39	.20	42	ND	ND	ND	ND	24	ND	ND	330
17264	.4	2.95	14	ND	59	3	.39	8.9	16	91	548	6.45	.02	2.81	3300	7	.83	46	.14	45	ND	ND	4	ND	8	ND	ND	1790
17265	2.0	3.36	52	ND	39	ND	.44	9.1	20	54	995	7.79	.10	2.95	3522	7	1.00	38	.13	75	ND	ND	4	ND	8	ND	ND	2196
17266	.1	2.68	10	ND	19	ND	3.35	2.0	22	107	300	5.93	.06	2.79	3800	4	.39	62	.14	27	ND	ND	ND	ND	38	ND	ND	593
17267	.1	3.36	15	ND	34	ND	1.85	.5	21	144	337	6.22	.05	3.44	3916	7	.35	69	.15	25	ND	ND	ND	ND	23	ND	ND	464
17268	2.8	2.61	15	ND	24	4	1.15	1.8	23	121	567	5.86	.04	2.44	2770	9	.37	61	.16	54	ND	ND	3	ND	15	ND	ND	585
17269	3.4	2.72	19	ND	24	ND	5.71	.6	26	80	1064	6.61	.03	2.79	3978	3	.34	54	.11	41	ND	ND	ND	ND	58	ND	ND	400
17270	4.1	2.49	72	ND	13	ND	6.40	1.1	21	85	1143	5.52	.03	2.46	3788	5	.36	50	.11	58	ND	ND	3	ND	80	ND	ND	514
17271	1.4	2.78	45	ND	19	ND	4.02	.1	23	107	491	5.77	.04	2.88	3691	5	.25	55	.15	28	ND	ND	ND	ND	56	ND	ND	179
17272	.4	2.38	20	ND	16	ND	2.22	.1	17	87	310	4.36	.05	2.50	2810	6	.21	43	.12	19	ND	ND	ND	ND	30	ND	ND	225
17273	.7	2.37	6	ND	13	ND	2.75	.3	18	87	534	4.98	.05	2.57	3127	4	.26	49	.13	14	ND	ND	ND	ND	33	ND	ND	282
17274	.9	2.04	7	ND	11	ND	3.55	.1	20	103	692	5.11	.05	2.15	2820	4	.20	49	.12	15	ND	ND	ND	ND	44	ND	ND	156
17275	.1	2.30	ND	ND	16	ND	2.99	.1	20	89	326	4.91	.05	2.44	2831	3	.18	49	.15	5	ND	ND	ND	ND	40	ND	ND	107
17276	1.6	1.45	110	ND	41	ND	.33	2.0	29	12	3732	5.91	.08	.46	773	7	.26	11	.14	42	ND	ND	6	ND	8	ND	ND	371
17277	.7	1.70	54	ND	66	ND	.55	.1	17	16	1980	5.24	.08	1.00	2083	4	.22	9	.12	32	ND	ND	4	ND	35	ND	ND	279
17278	.1	1.84	11	ND	77	ND	.56	.9	20	14	469	4.61	.06	1.33	3931	1	.23	11	.12	11	ND	ND	ND	ND	31	ND	ND	341
17279	.1	1.13	10	ND	45	ND	2.01	.5	14	18	234	4.63	.09	.77	2963	1	.20	8	.12	30	ND	ND	3	ND	99	ND	ND	257
17280	.1	1.04	6	ND	40	ND	1.94	.1	13	13	246	4.03	.09	.74	2817	2	.16	8	.12	19	ND	ND	ND	ND	106	ND	ND	193
17281	.1	1.48	7	ND	44	ND	.68	.3	19	12	443	4.92	.07	1.13	3419	2	.21	10	.13	25	ND	ND	ND	ND	31	ND	ND	274
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17282	.4	1.09	26	ND	62	ND	1.84	.3	13	9	638	4.28	.06	.62	3339	2	.16	12	.11	17	ND	ND	ND	ND	108	ND	ND	264
17283	2.1	1.26	216	ND	30	ND	.36	3.2	19	15	5261	6.59	.04	.39	897	10	.25	13	.16	25	ND	ND	5	ND	11	ND	ND	440
17284	1.5	1.66	214	ND	54	ND	.36	3.1	19	4	3901	6.42	.05	.62	1322	9	.29	10	.17	45	ND	ND	3	ND	10	ND	ND	563
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 870971 GA JOB NUMBER: 870971 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
16514	140
16515	135
16516	160
16517	180
16518	90
16519	150
16520	70
16521	100
16522	60
16523	160
16524	110
16525	70
16538	440
16539	41890
16540	2120
16701	960
16702	240
16703	50
16704	15
16705	5
16706	70
16707	160
16708	80
16709	90
16710	40
16711	90
16712	130
16713	5
16714	170
16715	200
16716	nd
16717	260
16718	90
16719	150
16720	nd
16721	90
16722	80
16723	200
16724	140
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

SAMPLE #	Au ppb
16725	160
16726	100
16727	100
16728	150
16729	140
16730	165
16731	150
16732	70
16733	nd
16734	10
16735	170
16736	80
16737	220
16738	80
16739	50
16740	100
16741	nd
16742	90
16743	70
16744	90
16745	15
16746	130
16877	340
16878	260
16879	320
16880	200
16881	620
16882	70
16883	120
16884	5
16885	460
16886	360
16887	60
16888	240
16889	340
16890	300
16891	150
16892	160
16893	150

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au ppb
16894	100
16895	610
16896	55
16897	100
16898	235
16899	160
16900	270
16901	80
16902	200
16903	740
16904	270
16905	320
16906	nd
16907	270
16908	220
16909	270
16910	230
16911	200
16912	130
16913	4285
16914	55
16915	140
16916	60
16917	50
16918	30
16919	1170
16920	7090
16921	1300
16922	70
16923	70
16924	15
16925	65
16926	20
16927	20
16928	400
16929	160
16930	120
16931	370
16932	260
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VGC

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au ppb
16933	80
16934	45
16935	nd
16936	100
16937	40
16938	55
16939	nd
16940	nd
16941	110
16942	110
16943	5
16944	300
16945	680
16946	820
16947	260
16948	140
16949	780
16950	nd
16951	250
16952	245
16953	400
16954	120
16955	40
16956	5
16957	130
16958	100
16959	120
16960	80
16961	nd
16962	290
16963	nd
16964	nd
16965	10
16966	nd
16967	130
16968	245
16969	320
16970	nd
16971	nd
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au ppb
16972	30
16973	230
16974	240
16975	200
16976	280
16977	420
16978	220
16979	240
16980	710
16981	245
16982	290
16983	450
16984	215
16985	nd
16986	nd
16987	190
17220	nd
17221	nd
17222	220
17223	95
17224	nd
17225	nd
17226	nd
17227	180
17228	nd
17229	nd
17230	110
17231	90
17232	160
17233	30
17234	140
17235	nd
17236	15
17237	20
17238	nd
17239	60
17240	5
17241	nd
17242	nd
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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

SAMPLE #	Au ppb
17243	180
17244	240
17245	15
17246	25
17247	nd
17248	nd
17249	nd
17250	15
17251	160
17252	40
17253	35
17254	nd
17255	80
17256	30
17257	45
17258	380
17259	60
17260	25
17261	nd
17262	100
17263	nd
17264	nd
17265	170
17266	40
17267	nd
17268	130
17269	60
17270	nd
17271	nd
17272	nd
17273	30
17274	60
17275	20
17276	200
17277	360
17278	200
17279	60
17280	60
17281	nd
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
17282	180
17283	380
17284	350

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SR,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 9101

REPORT#: PA
JOB#: 871010
INVOICE#: NA

DATE RECEIVED: 87/08/11
DATE COMPLETED: 87/08/31
COPY SENT TO:

ANALYST a Reeves

SAMPLE NAME	AG PPM	AL %	AS PPM	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
9550N-9925W	1.9	2.04	165	ND	68	ND	.34	.5	27	20	258	6.41	.10	1.12	4476	8	.22	11	.26	636	ND	ND	16	1	19	7	ND	439
9550N-9975W	16.2	1.87	1077	ND	141	ND	.03	1.1	95	21	1141	15.88	.08	.88	11725	13	.63	10	.35	4157	ND	ND	39	ND	34	ND	ND	1278
9550N-10000W	5.1	1.23	256	ND	148	4	.02	.1	9	14	386	8.30	.16	.34	1282	29	.20	6	.22	892	ND	ND	41	1	46	18	ND	269
9550N-10025W	7.3	2.90	146	ND	90	5	.03	.1	36	17	309	6.98	.15	.38	3676	26	.13	7	.10	1000	ND	ND	29	5	33	19	ND	154
9650N-9925W	3.8	3.70	424	ND	92	5	.08	.1	52	39	1213	11.71	.12	1.14	5880	22	.40	33	.22	529	ND	ND	35	ND	33	ND	ND	692
9650N-9950W	1.5	4.50	709	ND	112	ND	.07	.1	43	46	1575	12.49	.11	1.36	3749	25	.44	41	.30	259	ND	ND	41	ND	62	ND	ND	695
9650N-9975W	5.1	3.27	462	ND	378	ND	.13	.1	47	38	988	12.91	.15	1.04	4529	22	.40	23	.40	1009	ND	ND	36	ND	222	ND	ND	600
9650N-10000W	4.5	1.92	226	ND	216	7	.02	.1	8	21	359	9.05	.15	.48	1074	26	.19	6	.19	519	ND	ND	35	5	47	13	ND	139
9650N-10022W	2.1	1.88	175	ND	53	5	.04	.1	4	15	199	6.08	.15	.22	289	19	.12	4	.10	283	ND	ND	27	2	30	16	ND	117
9750N-9925W	3.1	3.00	194	ND	82	ND	.15	.8	80	22	733	10.66	.10	1.21	8596	21	.43	28	.25	135	ND	ND	24	ND	13	ND	ND	614
9750N-9950W	.3	5.12	184	ND	120	ND	.10	12.6	189	23	2892	15.48	.12	1.43	14858	22	1.16	81	.38	205	ND	ND	28	ND	23	ND	ND	2479
9750N-9975W	.1	3.27	267	ND	106	ND	.06	6.1	169	42	1461	16.67	.10	1.54	14460	22	.89	76	.38	266	ND	ND	26	ND	15	ND	ND	1472
9750N-10000W	4.1	2.75	1312	ND	242	ND	.63	13.3	57	43	740	11.51	.12	1.18	10070	14	1.45	98	.30	340	ND	ND	32	ND	33	ND	ND	3417
9750N-10025W	3.1	2.02	140	ND	334	3	.04	.1	11	16	275	6.71	.15	.44	817	26	.16	7	.15	245		ND	37	2	60	15	ND	175
9850N-9925W	7.1	2.88	1244	ND	513	ND	.52	47.4	97	37	1385	13.76	.13	1.18	30951	19	2.92	201	.22	1021	ND	ND	83	ND	23	ND	ND	7170
9850N-9950W	.7	3.57	377	ND	114	ND	.19	5.1	70	28	657	10.55	.11	1.47	9226	17	.65	44	.26	166	ND	ND	30	ND	12	ND	ND	1109
9850N-9975W	.2	3.27	184	ND	117	ND	.13	.1	26	23	272	8.35	.10	.63	3288	12	.32	21	.14	86	ND	ND	22	3	14	3	ND	409
9850N-10000W	3.6	2.02	482	ND	120	ND	.10	.1	25	27	505	11.53	.10	.98	2379	18	.39	16	.32	343	ND	ND	31	3	30	ND	ND	336
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871010 GA JOB NUMBER: 871010 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
9550N- 9925W	220
9550N- 9975W	1050
9550N-10000W	640
9550N-10025W	450
9650N- 9925W	600
9650N- 9950W	830
9650N- 9975W	590
9650N-10000W	490
9650N-10022W	300
9750N- 9925W	600
9750N- 9950W	580
9750N- 9975W	900
9750N-10000W	800
9750N-10025W	410
9850N- 9925W	1920
9850N- 9950W	800
9850N- 9975W	500
9850N-10000W	750

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871021 GA JOB NUMBER: 871021 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
16541	25
16542	160
16543	250
16544	160
16545	125
17285	230
17286	700
17287	750
17288	1050
17289	160
17290	100
17291	5
17292	2845
17293	900
17294	420
17295	4010
17296	nd
17297	150
17298	90
17299	125
17300	80
17301	110
17302	100
17303	50
17304	110
17305	120
17306	145
17307	150
17308	140
17309	80
17310	220
17311	75
17312	nd
17313	70
17314	5
17315	15
17316	40
17317	460
17318	20
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

SAMPLE #	Au ppb
17319	45
17320	140
17321	110
17322	940
17323	60
17324	20
17325	170
17326	70
17327	100
17328	90
17329	50
17330	110
17331	nd
17332	80
17333	75
17334	nd
17335	40
17336	10
17337	40
17338	90
17339	40
17340	nd
17341	160
17342	nd
17343	nd
17344	15
17345	40
17346	nd
17347	65
17348	35
17349	80
17350	nd
17351	nd
17352	245
17353	110
17354	160
17355	20
17356	90
17357	nd
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: B71021 GA JOB NUMBER: B71021 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
17358	15

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: WESTERN CNDN. MIN.
ATTENTION: J. KOWALCHUK
PROJECT: KERR 9101

REPORT#: 871021PA
JOB#: 871021
INVOICE#: 871021NA

DATE RECEIVED: 87/08/11
DATE COMPLETED: 87/09/04
COPY SENT TO: TERRACE B.C.

ANALYST al Rees

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16541	.1	3.91	53	ND	47	3	.50	.4	16	18	550	6.87	.05	3.26	4343	9	.39	17	.20	14	ND	ND	ND	ND	11	ND	ND	445
16542	2.5	1.98	47	ND	57	ND	.29	4.3	6	25	197	4.30	.07	1.34	1662	5	.38	4	.16	24	ND	ND	5	ND	5	ND	ND	706
16543	2.1	1.40	44	ND	60	ND	.34	.8	9	8	208	4.11	.09	.94	1197	5	.21	8	.17	73	ND	ND	5	ND	8	ND	3	309
16544	4.7	.58	139	ND	357	3	.07	.1	4	13	167	6.09	.11	.15	470	2	.25	4	.16	149	ND	ND	15	ND	23	5	ND	371
16545	5.5	.58	85	ND	29	4	1.81	114.8	13	5	474	4.78	.12	.91	5101	ND	6.56	11	.16	2956	ND	ND	17	ND	95	ND	ND	16682
17285	2.5	1.98	108	ND	48	ND	.38	5.6	15	3	5089	7.01	.12	.69	1334	6	.58	9	.18	145	ND	ND	7	ND	17	ND	ND	1080
17286	5.4	1.75	83	ND	47	ND	.32	25.8	14	16	11467	6.59	.11	.43	840	12	1.36	11	.20	79	ND	ND	8	ND	28	ND	ND	3029
17287	4.7	1.25	69	ND	34	ND	.33	6.0	16	6	9491	5.76	.11	.46	993	8	.44	13	.17	63	ND	ND	6	ND	15	ND	ND	761
17288	4.0	1.22	53	ND	42	ND	.32	8.7	15	5	8209	5.32	.11	.48	898	10	.35	11	.17	53	ND	ND	6	ND	16	ND	ND	557
17289	2.0	1.36	46	ND	15	ND	.31	3.4	15	13	5104	5.37	.10	.49	739	12	.22	8	.17	39	ND	ND	6	ND	32	ND	ND	258
17290	2.6	1.31	42	ND	26	3	.34	1.6	16	5	6718	6.40	.11	.51	817	9	.22	9	.18	35	ND	ND	6	ND	17	ND	ND	194
17291	2.5	1.02	49	ND	25	4	.35	1.9	17	4	6582	5.13	.11	.31	1071	9	.24	11	.18	29	ND	ND	5	ND	14	ND	ND	308
17292	3.0	.86	181	ND	33	ND	.33	5.1	17	15	6338	4.04	.11	.20	341	12	.28	10	.18	127	ND	ND	8	1	15	ND	ND	498
17293	3.5	.54	99	ND	48	3	.13	.8	14	6	6602	4.76	.10	.05	77	13	.21	12	.14	139	ND	ND	10	1	13	3	ND	275
17294	2.9	.56	106	ND	25	ND	.32	4.3	16	3	7032	4.43	.11	.05	90	9	.18	11	.17	53	ND	ND	9	1	14	4	ND	234
17295	2.4	.74	186	3	33	ND	.25	.3	19	14	5192	5.23	.11	.07	134	7	.19	17	.18	197	ND	ND	18	ND	17	ND	ND	219
17296	3.9	.59	200	ND	30	3	.33	5.9	19	7	5887	5.44	.12	.09	1085	12	.33	17	.17	565	ND	ND	32	ND	20	ND	ND	535
17297	3.6	.58	167	ND	19	ND	.35	3.3	21	5	6151	4.77	.11	.05	795	7	.26	18	.18	189	ND	ND	11	ND	19	ND	ND	399
17298	2.7	.60	104	ND	12	ND	.30	1.1	15	14	6735	5.54	.11	.10	1560	8	.31	14	.15	68	ND	ND	9	ND	95	ND	ND	467
17299	1.2	.86	117	ND	11	ND	.32	.3	22	4	4061	8.60	.11	.22	1398	10	.38	14	.15	39	ND	ND	10	1	15	ND	ND	465
17300	.7	1.26	94	ND	15	ND	.37	.1	23	6	2498	8.58	.11	.37	1774	11	.27	39	.16	36	ND	ND	8	ND	13	ND	ND	206
17301	2.0	1.31	79	ND	14	ND	1.02	14.2	22	12	2186	7.00	.11	.68	2667	11	.78	22	.13	883	ND	ND	7	ND	128	ND	ND	1444
17302	1.6	1.01	92	ND	12	ND	.42	4.6	34	5	5142	7.61	.11	.27	1599	19	.32	24	.18	213	ND	ND	8	ND	19	ND	ND	354
17303	1.0	.66	61	ND	12	ND	.35	.6	35	5	4054	7.39	.11	.09	737	37	.20	21	.16	44	ND	ND	7	ND	13	ND	ND	103
17304	.6	.91	62	ND	8	3	.36	.3	22	12	3184	6.59	.11	.17	817	10	.20	20	.18	44	ND	ND	8	ND	17	ND	ND	146
17305	.8	.98	77	ND	22	ND	.21	.1	19	5	2696	7.95	.10	.27	643	25	.21	15	.13	65	ND	ND	8	ND	17	ND	ND	97
17306	1.1	1.83	69	ND	24	4	.24	4.8	20	7	3653	8.11	.10	.72	1284	20	.64	22	.17	213	ND	ND	6	ND	12	ND	ND	1042
17307	2.2	.93	109	ND	9	ND	.34	12.7	29	17	5299	10.03	.11	.20	583	15	1.86	29	.18	309	ND	ND	9	ND	15	ND	ND	3725
17308	.4	.93	119	ND	18	3	.32	.9	25	6	3198	11.70	.11	.25	1053	11	.37	22	.16	107	ND	ND	10	ND	9	ND	ND	273
17309	.5	.88	82	ND	20	ND	.30	.1	25	4	3203	7.92	.09	.12	308	10	.20	24	.19	46	ND	ND	8	ND	52	ND	ND	95
17310	1.4	1.39	133	ND	23	6	.30	1.6	30	17	5553	7.54	.09	.32	1012	20	.38	25	.18	117	ND	ND	6	ND	33	ND	ND	475
17311	.6	.65	70	ND	21	ND	.36	.1	26	4	1965	6.41	.10	.09	560	11	.16	21	.18	30	ND	ND	6	ND	9	ND	ND	85
17312	.7	.73	80	ND	33	3	.32	1.3	26	3	2514	4.67	.09	.09	393	22	.13	18	.16	73	ND	ND	6	ND	12	ND	ND	88
17313	.8	.48	50	ND	27	ND	.84	.3	23	14	2535	4.16	.10	.03	1478	13	.13	17	.13	48	ND	ND	17	ND	48	ND	3	109
17314	.2	.55	35	ND	20	5	1.52	.1	19	4	2008	4.42	.11	.04	1530	26	.10	18	.19	34	ND	ND	5	ND	80	ND	4	30
17315	.4	.89	48	ND	20	3	.46	1.0	31	4	2556	4.57	.10	.17	1322	20	.15	23	.18	24	ND	ND	5	ND	13	ND	ND	130
17316	1.3	.93	106	ND	17	4	.38	2.1	36	19	3056	5.20	.10	.20	1209	29	.28	22	.17	169	ND	ND	5	ND	10	ND	ND	372
17317	1.2	.88	59	ND	28	3	.40	29.6	30	6	2763	4.87	.08	.19	705	29	1.64	21	.18	1111	ND	ND	6	ND	8	ND	ND	3309
17318	.4	1.02	65	ND	27	ND	.38	.7	34	4	1628	5.19	.09	.25	405	16	.19	24	.19	62	ND	ND	5	ND	7	ND	ND	202

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17319	.3	1.24	52	ND	31	ND	.35	.5	28	20	2269	5.16	.09	.35	729	38	.16	28	.16	35	ND	ND	6	ND	10	ND	ND	122
17320	.5	1.09	67	ND	36	ND	.36	.9	25	5	2176	4.95	.09	.32	748	18	.17	20	.18	83	ND	ND	7	ND	9	ND	ND	177
17321	1.0	1.80	58	ND	51	ND	.56	5.1	35	33	3538	6.00	.11	1.16	1374	39	.45	45	.24	433	ND	ND	4	ND	29	ND	ND	873
17322	.9	1.43	83	ND	48	ND	.38	5.0	33	9	3010	6.16	.09	.47	1384	25	.35	27	.17	124	ND	ND	6	ND	8	ND	ND	569
17323	.1	1.61	8	ND	497	ND	1.24	1.5	17	8	3[illegible]	[illegible]	.09	.90	3368	4	.28	10	.10	132	ND	ND	ND	ND	63	ND	ND	517
17324	.1	1.34	7	ND	610	ND	.92	.3	19	6	285	4.18	.09	.93	3176	2	.25	4	.09	11	ND	ND	5	ND	68	ND	ND	408
17325	.1	.91	3	ND	722	ND	1.75	.8	11	25	221	2.99	.08	.90	1995	3	.15	5	.09	7	ND	ND	4	ND	149	ND	3	212
17326	.1	2.08	27	ND	147	ND	3.21	10.7	19	13	1309	4.66	.09	1.31	2132	6	.62	12	.16	47	ND	ND	ND	ND	141	ND	ND	1333
17327	.1	1.63	71	ND	98	ND	.96	1.1	29	21	1526	5.81	.10	.92	3403	19	.30	17	.18	11	ND	ND	5	ND	33	ND	ND	422
17328	.7	1.50	67	ND	53	ND	.51	.1	27	5	3766	5.33	.09	.64	746	17	.21	18	.21	15	ND	ND	6	ND	21	ND	ND	229
17329	.8	1.40	66	ND	36	ND	.45	.1	36	6	5170	7.97	.09	.56	595	22	.26	18	.18	20	ND	ND	10	ND	21	ND	ND	221
17330	.7	1.54	69	ND	46	ND	.47	.2	26	5	4285	5.93	.10	.57	614	16	.23	18	.21	10	ND	ND	6	ND	16	ND	ND	250
17331	.9	1.51	74	ND	40	ND	.48	.3	30	22	4650	5.62	.10	.51	707	20	.23	17	.22	13	ND	ND	6	ND	19	ND	ND	279
17332	.7	1.27	57	ND	61	ND	.61	.3	26	6	3829	5.08	.09	.43	607	19	.18	16	.20	13	ND	ND	6	ND	25	ND	ND	196
17333	.7	1.44	39	ND	53	ND	.74	.6	26	4	4134	5.39	.09	.49	610	20	.23	17	.20	17	ND	ND	5	ND	24	ND	ND	296
17334	.6	1.44	45	ND	35	ND	.48	.8	27	14	3578	5.92	.09	.53	636	21	.23	18	.21	42	ND	ND	7	ND	24	ND	ND	259
17335	.1	1.25	36	ND	24	ND	.70	.1	19	2	853	5.80	.10	.39	650	7	.15	12	.19	11	ND	ND	4	ND	15	ND	ND	85
17336	.1	3.65	21	3	242	ND	1.72	.1	19	1	453	8.36	.11	1.39	2925	6	.33	3	.20	ND	ND	ND	ND	ND	42	ND	ND	353
17337	.1	1.86	22	ND	53	ND	2.15	.1	20	9	678	5.42	.10	.98	1534	6	.18	8	.16	ND	ND	ND	ND	ND	59	ND	ND	135
17338	.1	.86	34	ND	58	ND	1.46	.1	21	4	777	4.99	.09	.49	830	12	.14	11	.18	13	ND	ND	3	ND	37	ND	ND	67
17339	.1	1.08	34	ND	77	3	2.25	.1	15	4	561	4.27	.09	.79	1282	11	.13	40	.16	11	ND	ND	4	ND	63	ND	ND	71
17340	.1	1.40	50	ND	58	ND	.58	2.2	18	12	1062	4.32	.07	.93	485	19	.24	20	.18	177	ND	ND	5	ND	14	ND	ND	363
17341	.1	.80	147	ND	48	ND	.91	.3	22	3	1539	6.10	.09	.62	688	26	.19	15	.17	89	ND	ND	7	ND	24	ND	ND	132
17342	.1	.81	49	ND	60	ND	.78	1.8	19	2	1778	5.03	.08	.61	498	34	.23	7	.18	34	ND	ND	7	ND	16	ND	ND	315
17343	.1	1.01	33	ND	50	ND	.77	.1	19	9	1243	5.12	.08	.72	487	22	.14	11	.19	12	ND	ND	7	ND	15	ND	ND	53
17344	.1	1.14	55	ND	57	3	.71	.3	20	4	1346	5.93	.08	.73	429	14	.18	10	.22	17	ND	ND	12	ND	13	ND	ND	124
17345	.1	1.00	43	ND	68	ND	.97	.1	23	3	2263	6.06	.09	.67	626	31	.18	14	.23	24	ND	ND	7	ND	18	ND	ND	126
17346	.1	.88	58	ND	60	ND	1.13	.2	21	3	1276	6.48	.09	.63	880	24	.21	10	.22	42	ND	ND	11	ND	18	ND	ND	169
17347	.2	1.19	88	ND	61	ND	1.21	.5	22	13	1307	6.58	.09	1.02	1142	17	.28	9	.23	52	ND	ND	12	ND	18	ND	ND	328
17348	.4	.94	54	ND	65	ND	.98	5.4	17	1	587	4.50	.09	.82	936	10	.40	5	.19	80	ND	ND	10	ND	13	ND	ND	786
17349	.3	.87	61	ND	61	ND	.71	.7	24	3	1721	4.92	.08	.52	671	34	.15	9	.20	36	ND	ND	6	ND	17	ND	ND	119
17350	.1	1.43	40	ND	61	ND	.48	.1	17	8	1253	4.27	.07	.77	695	11	.14	7	.21	19	ND	ND	5	ND	12	ND	ND	115
17351	1.6	1.14	39	ND	60	3	.54	3.5	20	3	1981	5.27	.08	.56	1340	11	.30	7	.19	121	ND	ND	10	ND	12	ND	ND	485
17352	4.0	.55	35	ND	45	ND	.51	.1	15	5	1845	4.99	.08	.18	400	10	.13	3	.18	61	ND	ND	18	ND	13	ND	ND	77
17353	.7	.65	34	ND	41	ND	.37	.5	15	18	1268	4.88	.08	.19	133	8	.14	5	.18	55	ND	ND	5	ND	8	ND	ND	123
17354	.8	.68	69	ND	46	ND	.96	.1	16	3	1002	5.60	.09	.51	1470	8	.17	7	.18	28	ND	ND	16	1	18	ND	ND	138
17355	.1	1.66	53	ND	60	ND	1.34	.1	15	3	324	4.69	.07	1.41	2453	5	.18	5	.19	12	ND	ND	ND	ND	21	ND	ND	162
17356	1.1	.73	67	ND	42	ND	.58	.8	25	22	743	6.18	.09	.38	533	18	.20	22	.19	94	ND	ND	9	ND	9	ND	ND	197
17357	2.6	.47	75	ND	28	ND	1.17	.5	20	3	1140	5.85	.08	.64	1411	23	.20	13	.16	133	ND	ND	19	ND	16	ND	ND	188
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: WESTERN UNDN. MIN. JOB#: B71021 PROJECT: KERR 9101 REPORT: B71021PA DATE: 87/09/04

SAMPLE NAME	AG PPM	AL %	AS PPM	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
12358	.2	.39	47	ND	10	ND	1.04	2.8	18	17	562	6.54	.07	.45	2021	9	.35	9	.16	68	ND	ND	28	ND	20	ND	ND	571
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871021 AA JOB NUMBER: 871021 WESTERN CDN. MINING CORP.

SAMPLE #	Au oz/st
16541	--
16542	--
16543	--
16544	--
16545	--
17285	--
17286	--
17287	--
17288	.030
17289	--
17290	--
17291	--
17292	.083
17293	--
17294	--
17295	.117
17296	--
17297	--
17298	--
17299	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
17300	---
17301	---
17302	---
17303	---
17304	---
17305	---
17306	---
17307	---
17308	---
17309	---
17310	---
17311	---
17312	---
17313	---
17314	---
17315	---
17316	---
17317	---
17318	---
17319	---

DETECTION LIMIT .005

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

signed:

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
17320	---
17321	---
17322	.027
17323	---
17324	---
17325	---
17326	---
17327	---
17328	---
17329	---
17330	---
17331	---
17332	---
17333	---
17334	---
17335	---
17336	---
17337	---
17338	---
17339	---

DETECTION LIMIT .005

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

signed:

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
17340	---
17341	---
17342	---
17343	---
17344	---
17345	---
17346	---
17347	---
17348	---
17349	---
17350	---
17351	---
17352	---
17353	---
17354	---
17355	---
17356	---
17357	---
17358	---

DETECTION LIMIT .005

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

signed:

CLIENT: WESTERN CDN. MIN. JOB#: 871023 PROJECT: KERR 9101 REPORT: 871023PA DATE: 87/09/04

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L10300N-10425W	5.1	.21	76	ND	225	3	.03	.1	ND	ND	142	6.58	.01	.06	57	81	.18	4	.55	128	ND	ND	174	ND	38	ND	ND	24
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871023 GA JOB NUMBER: 871023 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
L 9250N 9950W	160
L 9250N 9975W	110
L 9250N 10025W	200
L 9325N 10000W	180
L 9350N 9975W	2000
L 9350N 10000W	80
L 9350N 10025W	160
L 9350N 10050W	310
L 9375N 10000W	280
L 9425N 10000W	390
L 9450N 9925W	140
L 9450N 9950W	360
L 9450N 9975W	460
L 9450N 10000W	720
L 9450N 10025W	490
L 9475N 10000W	540
L 9525N 10000W	460
L 9575N 10000W	430
L 9625N 10000W	1400
L 9675N 10000W	580
L 9725N 10000W	1050
L 9775N 9975W	1150
L 9775N 10000W	300
L 9775N 10025W	600
L 9825N 9975W	900
L 9825N 10000W	460
L 9825N 10025W	750
L 9850N 10012W	680
L10100N 10000W	360
L10100N 10025W	670
L10100N 10150W	560
L10100N 10175W	600
L10100N 10200W	100
L10100N 10300W	450
L10200N 10000W	6100
L10200N 10025W	900
L10200N 10050W	410
L10300N 10000W	235
L10300N 10025W	8400
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871023 GA JOB NUMBER: 871023 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
L10300N 10425W	1100

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CDN. MIN.
ATTENTION:
PROJECT: KERR 9101

REPORT#: 871023PA
JOB#: 871023
INVOICE#: 871023NA

DATE RECEIVED: 87/08/11
DATE COMPLETED: 87/09/04
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L9250N-9950W	ND	1.27	223	ND	59	ND	.11	.1	7	17	1525	24.85	.16	.37	563	72	.68	1	.54	42	ND	ND	19	ND	10	ND	ND	48
L9250N-9975W	ND	3.15	291	ND	47	ND	.09	.1	31	8	882	13.69	.05	.54	1616	27	.44	ND	.25	6	ND	ND	4	5	15	ND	ND	133
L9250N-10025W	ND	4.53	427	ND	30	4	.13	.1	21	11	1071	13.55	.06	.57	1498	24	.43	ND	.24	7	ND	ND	21	ND	19	ND	ND	134
L9325N-10000W	.2	4.88	212	ND	119	5	.01	.1	11	10	1039	6.89	.09	.37	661	16	.17	3	.19	48	ND	ND	3	ND	53	ND	ND	77
L9350N-9975W	1.0	5.47	94	ND	30	9	.64	.1	89	20	1242	14.87	.14	.70	4404	18	.49	48	.26	30	ND	ND	ND	ND	25	ND	ND	262
L9350N-10000W	.1	4.83	97	ND	52	6	.01	.1	10	6	255	5.92	.14	.23	883	12	.09	ND	.11	17	ND	ND	ND	ND	25	ND	ND	108
L9350N-10025W	ND	.99	103	6	34	ND	.01	.1	5	23	2778	32.17	.22	.10	151	71	.84	ND	.20	63	ND	ND	21	ND	5	ND	ND	36
L9350N-10050W	2.1	.79	80	ND	245	4	.01	.1	6	5	590	10.16	.20	.31	280	25	.20	ND	.27	139	ND	ND	19	4	47	7	ND	55
L9375N-10000W	2.1	3.34	206	ND	168	9	.01	.1	9	20	641	8.18	.20	.67	680	28	.17	7	.26	48	ND	ND	16	ND	122	6	ND	110
L9425N-10000W	6.9	3.34	151	ND	148	9	.02	.1	20	22	432	10.39	.19	.70	2013	24	.33	8	.27	664	ND	ND	15	ND	92	ND	ND	317
L9450N-9925W	1.8	2.24	185	ND	66	8	.07	.1	15	10	227	5.61	.18	.49	1295	10	.16	2	.16	103	ND	ND	9	2	46	7	ND	226
L9450N-9950W	2.3	3.58	182	ND	116	7	.02	.1	11	19	564	7.77	.20	.70	847	20	.20	6	.19	83	ND	ND	12	ND	180	8	ND	202
L9450N-9975W	4.0	2.25	162	ND	151	6	.01	.1	43	17	661	9.48	.20	.69	2521	38	.29	10	.31	319	ND	ND	20	ND	178	3	ND	309
L9450N-10000W	5.2	3.05	327	4	196	5	.01	.1	47	28	1135	20.63	.26	.92	3745	73	.73	26	.60	1547	ND	ND	26	ND	248	5	ND	640
L9450N-10025W	4.9	.61	57	ND	146	12	.01	.2	4	6	75	1.78	.21	.15	299	22	.01	ND	.12	251	ND	ND	16	7	135	18	11	31
L9475N-10000W	4.9	1.98	115	ND	139	11	.01	.9	73	12	809	7.23	.22	.44	2754	33	.26	10	.20	290	ND	ND	23	3	143	13	ND	403
L9525N-10000W	5.5	1.61	108	ND	87	9	.01	.1	6	10	148	4.28	.18	.19	321	23	.05	ND	.09	565	ND	ND	17	5	45	7	4	99
L9575N-10000W	3.6	.97	105	ND	175	8	.01	.1	8	9	204	5.17	.14	.40	1314	35	.13	ND	.13	384	ND	ND	24	2	55	ND	3	141
L9625N-10000W	11.5	1.88	2307	ND	133	ND	.01	.1	104	13	1654	20.31	.15	.87	13932	12	1.25	8	.36	6018	ND	ND	32	ND	25	ND	ND	1744
L9675N-10000W	7.2	1.74	239	ND	542	8	.01	1.7	37	19	1233	8.20	.14	.77	3265	29	.47	22	.19	949	ND	ND	20	1	110	ND	ND	714
L9725N-10000W	6.4	2.01	316	3	202	6	.01	.1	71	40	928	18.27	.22	.99	4684	24	.71	36	.33	921	ND	ND	29	ND	37	ND	ND	668
L9775N-9975W	4.8	3.00	569	3	64	ND	.01	.8	138	49	2015	21.16	.15	1.43	10743	106	1.13	70	.32	428	ND	ND	21	ND	7	ND	ND	1361
L9775N-10000W	.6	1.24	177	ND	54	4	.01	.1	21	16	338	12.82	.18	.28	4286	25	.37	2	.30	287	ND	ND	16	10	11	ND	ND	255
L9775N-10025W	3.1	1.37	205	ND	102	9	.01	.1	23	21	422	12.98	.15	.51	2627	16	.48	3	.25	574	ND	ND	17	3	22	ND	ND	480
L9825N-9975W	2.8	1.90	1910	ND	72	10	.01	.1	57	15	1098	16.46	.23	.80	5846	44	.67	20	.38	745	ND	ND	43	ND	9	ND	ND	761
L9825N-10000W	2.4	2.77	459	ND	49	6	.01	.1	17	12	234	8.27	.17	.39	2473	12	.22	7	.19	175	ND	ND	10	5	2	ND	ND	229
L9825N-10025W	7.4	1.22	166	ND	428	7	.01	.1	15	13	306	8.80	.10	.54	1533	17	.26	ND	.25	940	ND	ND	15	18	57	ND	ND	198
L9850N-10012W	1.6	2.95	958	ND	139	7	.01	.1	33	13	263	9.33	.14	.53	5083	9	.29	12	.22	256	ND	ND	10	ND	8	ND	ND	308
L10100N-10000W	2.7	2.22	338	ND	226	8	.01	.1	24	21	200	8.59	.16	.63	2644	11	.27	18	.31	251	ND	ND	11	1	17	ND	ND	271
L10100N-10025W	6.8	.71	410	ND	190	9	.01	.1	7	18	209	10.15	.20	.30	782	8	.24	4	.32	320	ND	ND	43	2	7	6	ND	111
L10100N-10150W	2.7	.19	69	ND	438	5	.01	.1	1	1	96	5.93	.14	.04	99	91	.09	ND	.32	108	ND	ND	14	1	36	ND	3	33
L10100N-10175W	.8	.20	57	ND	327	ND	.01	.1	.2	ND	154	9.41	.15	.04	224	43	.21	ND	.57	170	ND	ND	13	2	77	ND	ND	45
L10100N-10200W	3.9	2.40	38	ND	823	6	.20	.1	17	2	500	6.83	.16	.94	3321	18	.23	1	.19	66	ND	ND	6	ND	27	ND	ND	240
L10100N-10300W	2.9	.63	60	ND	208	6	.01	.1	4	2	140	6.79	.19	.29	252	94	.12	ND	.34	146	ND	ND	18	3	93	10	6	55
L10200N-10000W	6.9	.36	286	ND	65	9	.01	.1	6	12	98	10.68	.17	.19	647	6	.28	2	.35	327	ND	ND	19	2	7	ND	ND	168
L10200N-10025W	1.3	1.36	150	ND	254	3	.01	3.7	89	30	628	12.72	.19	.74	18010	4	.84	55	.32	235	ND	ND	10	ND	2	ND	ND	1332
L10200N-10050W	ND	.95	110	ND	231	ND	.01	.1	49	11	309	11.71	.01	.58	9624	1	.64	6	.34	274	ND	ND	ND	ND	3	ND	ND	713
L10300N-10000W	7.9	.56	385	ND	62	ND	.01	.1	59	37	338	17.32	.10	.21	15630	4	.85	15	.37	598	ND	ND	15	ND	1	ND	ND	956
L10300N-10025W	5.3	.38	533	ND	52	5	.01	.1	11	10	294	15.16	.10	.14	2278	2	.45	ND	.24	277	ND	ND	89	ND	ND	ND	ND	160

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871058 GA JOB NUMBER: 871058 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
16547	nd
16548	6610
16549	1950
16550	1165
16551	570
16552	180
16553	80
16554	280
16555	nd
16601	310
16602	240
16603	nd
16604	40
16605	nd
16606	185
16607	70
16608	95
16609	20
16610	100
16611	110
16612	nd
16613	90
16614	110
16615	nd
16616	nd
16617	nd
16618	105
16619	60
16620	70
16621	35
16622	55
16623	nd
16624	200
16625	1240
16651	195
16652	40
16653	580
16654	80
16655	520
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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(604) 251-5656

SAMPLE #	Au ppb
16656	90
16657	160
16658	280
16659	70
16660	320
16661	590
16662	nd
16663	460
16664	990
16665	nd
16666	2750
16667	1280
16668	200
16669	140
16670	3370
16671	2225
16672	1140
16673	560
16674	240
16675	220
16988	140
16989	150
16990	nd
16991	120
16992	85
16993	90
16994	90
16995	90
16996	65
16997	nd
16998	80
16999	85
17000	10
17359	200
17360	150
17361	440
17362	560
17363	425
17364	420
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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SAMPLE #	Au ppb
17365	620
17366	520
17367	540
17368	450
17369	520
17370	485
17371	470
17372	330
17373	195
17374	160
17375	270
17376	320
17377	130
17378	560
17379	285
17380	10
17381	5
17382	nd
17383	310
17384	nd
17385	250
17386	nd
17387	300
17388	340
17389	310
17390	300
17391	nd
17392	330
17393	330
17394	260
17395	320
17396	300
17397	430
17398	200
17399	250
17400	280
17401	nd
17402	300
17403	10
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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(604) 251-5656

REPORT NUMBER: 871058 GA JOB NUMBER: 871058 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
17404	nd
17405	nd
17406	15
17407	85
17408	70
17409	35

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871058 AA JOB NUMBER: 871058 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au oz/st
16547	--
16548	.193
16549	.057
16550	.034
16551	--
16552	--
16553	--
16554	--
16555	--
16601	--
16602	--
16603	--
16604	--
16605	--
16606	--
16607	--
16608	--
16609	--
16610	--
16611	--

DETECTION LIMIT .005

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
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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
16612	--
16613	--
16614	--
16615	--
16616	--
16617	--
16618	--
16619	--
16620	--
16621	--
16622	--
16623	--
16624	--
16625	.036
16651	--
16652	--
16653	--
16654	--
16655	--
16656	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au oz/st
16657	--
16658	--
16659	--
16660	--
16661	--
16662	--
16663	--
16664	.029
16665	--
16666	.080
16667	.037
16668	--
16669	--
16670	.098
16671	.065
16672	.033
16673	--
16674	--
16675	--
16988	--

DETECTION LIMIT .005

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

signed: _____

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au oz/st
16989	--
16990	--
16991	--
16992	--
16993	--
16994	--
16995	--
16996	--
16997	--
16998	--
16999	--
17000	--
17359	--
17360	--
17361	--
17362	--
17363	--
17364	--
17365	--
17366	--

DETECTION LIMIT .005

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

signed: _____

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au oz/st
17367	--
17368	--
17369	--
17370	--
17371	--
17372	--
17373	--
17374	--
17375	--
17376	--
17377	--
17378	--
17379	--
17380	--
17381	--
17382	--
17383	--
17384	--
17385	--
17386	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
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(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
17387	--
17388	--
17389	--
17390	--
17391	--
17392	--
17393	--
17394	--
17395	--
17396	--
17397	--
17398	--
17399	--
17400	--
17401	--
17402	--
17403	--
17404	--
17405	--
17406	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
17407	--
17408	--
17409	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871115 GA JOB NUMBER: 871115 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
17410	nd
17411	nd
17412	nd
17413	nd
17414	50
17415	50
17416	270
17417	80
17418	40
17419	100
17420	40
17421	50
17422	70
17423	nd
17424	20
17425	nd
17426	590
17427	60
17428	690
17429	100
17430	nd
17431	nd
17432	10
17433	nd
17434	130
17435	85
17436	69050
17437	2980
17438	1850
17439	4660
17440	nd
17441	60
17442	170
17443	55
17444	nd
17445	160
17446	nd
17447	15
17448	20
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871115 GA JOB NUMBER: 871115 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
17449	nd
17450	nd
17451	445
17452	60
17453	nd
17454	100
17455	20
17456	nd
17457	nd
17458	110
17459	140
17460	20
17461	55
17462	nd
17463	110
17464	40
17465	210
17466	nd
17467	nd
17468	65
17469	nd
17470	nd
17471	nd
17472	20
17473	nd
17474	40
17475	nd
17476	nd
17477	nd
17478	25
17479	90

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L8
(604) 251-5656

REPORT NUMBER: 871115 AA JOB NUMBER: 871115 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au oz/st
17410	--
17411	--
17412	--
17413	--
17414	--
17415	--
17416	--
17417	--
17418	--
17419	--
17420	--
17421	--
17422	--
17423	--
17424	--
17425	--
17426	--
17427	--
17428	--
17429	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
17430	--
17431	--
17432	--
17433	--
17434	--
17435	--
17436	2.014
17437	.087
17438	.054
17439	.136
17440	--
17441	--
17442	--
17443	--
17444	--
17445	--
17446	--
17447	--
17448	--
17449	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st
17450	--
17451	--
17452	--
17453	--
17454	--
17455	--
17456	--
17457	--
17458	--
17459	--
17460	--
17461	--
17462	--
17463	--
17464	--
17465	--
17466	--
17467	--
17468	--
17469	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871115 AA JOB NUMBER: 871115 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au oz/st
17470	--
17471	--
17472	--
17473	--
17474	--
17475	--
17476	--
17477	--
17478	--
17479	--

DETECTION LIMIT .005

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

signed: _____

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN
ATTENTION: JOHN KOWALCHUK
PROJECT: KERR 9101

REPORT#: 871115PA
JOB#: 871115
INVOICE#: 871115

DATE RECEIVED: 87/08/20
DATE COMPLETED: 87/09/18
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17410	.1	2.36	16	ND	77	ND	2.04	.1	13	26	75	4.52	.07	1.41	1316	ND	.14	15	.15	32	ND	ND	6	ND	74	ND	ND	71
17411	.1	1.67	21	ND	92	ND	3.45	.1	11	33	91	3.86	.10	1.11	1269	1	.12	28	.13	19	ND	ND	7	ND	168	ND	ND	80
17412	.1	2.60	12	ND	72	ND	2.69	.1	11	12	111	4.28	.08	1.32	1267	ND	.13	5	.16	4	ND	ND	3	ND	136	ND	ND	70
17413	.1	2.56	12	ND	74	ND	3.26	.1	11	22	148	4.20	.08	1.85	1345	ND	.13	6	.15	6	ND	ND	ND	ND	219	ND	ND	71
17414	.2	2.01	58	ND	183	ND	1.37	.1	17	22	143	4.81	.03	1.06	1700	2	.16	14	.14	21	ND	ND	9	ND	110	ND	ND	113
17415	1.4	1.69	35	ND	80	4	1.64	.9	13	19	294	3.72	.10	1.01	553	1	.11	12	.13	27	ND	ND	10	ND	87	ND	ND	75
17416	3.7	1.46	84	ND	79	ND	.93	.1	14	14	1306	3.68	.09	.68	664	46	.11	13	.17	43	ND	ND	10	ND	51	ND	3	78
17417	.4	1.70	87	ND	40	ND	.55	.1	19	25	184	4.86	.08	.89	520	6	.14	16	.14	39	ND	ND	6	ND	25	ND	ND	93
17418	.6	1.21	66	ND	134	ND	1.25	.1	16	9	153	2.48	.03	.58	751	3	.08	21	.13	64	ND	ND	4	ND	56	ND	4	99
17419	1.2	1.24	39	ND	98	ND	1.44	1.5	11	12	158	2.60	.09	.65	775	3	.12	22	.11	62	ND	ND	3	ND	63	ND	ND	150
17420	.1	1.46	105	ND	58	ND	1.12	.1	14	7	103	4.17	.07	1.01	818	3	.12	18	.13	27	ND	ND	4	ND	48	ND	ND	52
17421	.1	2.67	27	ND	79	ND	2.29	.1	14	12	136	4.60	.07	2.51	1473	1	.16	5	.14	3	ND	ND	3	ND	119	ND	ND	68
17422	.1	2.19	49	ND	110	ND	1.77	.1	15	12	97	4.68	.06	3.09	1225	ND	.18	5	.15	12	ND	ND	ND	ND	86	ND	ND	92
17423	.1	2.52	342	ND	112	ND	1.68	.1	14	15	100	4.40	.07	2.26	1085	3	.15	17	.14	26	ND	ND	ND	ND	96	ND	ND	70
17424	.1	2.17	26	ND	77	ND	2.86	.1	15	10	155	4.67	.09	1.74	1321	1	.15	1	.14	20	ND	ND	ND	ND	142	ND	ND	64
17425	.1	2.81	181	ND	112	ND	1.95	1.8	12	11	150	4.87	.08	2.45	1260	ND	.27	3	.15	64	ND	ND	3	ND	104	ND	ND	331
17426	.4	1.53	49	ND	72	ND	3.51	.1	10	20	275	3.81	.09	1.23	1407	4	.12	25	.12	249	ND	ND	ND	ND	170	ND	ND	90
17427	.1	1.63	36	ND	113	ND	.93	.1	11	41	165	4.01	.09	1.02	738	5	.10	41	.13	17	ND	ND	5	ND	59	ND	ND	76
17428	.2	1.60	33	ND	81	ND	3.13	.1	14	39	157	3.78	.09	1.19	1063	7	.10	39	.12	7	ND	ND	ND	1	127	ND	3	48
17429	.3	1.57	23	ND	57	ND	3.91	.1	14	34	233	4.00	.09	1.30	1349	11	.11	34	.11	8	ND	ND	28	ND	164	ND	ND	53
17430	.1	2.20	54	ND	77	ND	2.37	.1	11	33	105	3.79	.08	2.05	1455	4	.11	45	.12	ND	ND	ND	5	ND	119	ND	ND	42
17431	.1	2.32	25	ND	73	ND	2.63	.1	13	44	210	4.41	.08	2.20	1044	11	.14	39	.12	ND	ND	ND	41	ND	101	ND	ND	50
17432	.1	1.55	124	ND	86	ND	3.80	.1	13	33	163	3.40	.03	1.19	1186	5	.09	32	.12	6	ND	ND	26	ND	169	ND	ND	53
17433	.2	1.61	181	ND	75	3	2.84	.1	10	45	136	3.64	.08	1.19	1131	7	.10	42	.13	11	ND	ND	26	1	135	ND	3	61
17434	.9	1.36	62	ND	83	ND	2.58	.1	10	16	142	3.46	.10	.76	1622	2	.11	11	.10	45	ND	ND	37	ND	84	ND	ND	93
17435	17.6	1.59	56	ND	87	ND	2.25	.2	9	9	1708	3.78	.10	.79	3798	1	.13	6	.09	28	ND	ND	441	ND	76	ND	ND	113
17436	>100	.63	5117	48	8	55	.35	53.6	6	30	>10%	14.25	.07	.47	25346	132	2.69	15	.01	843	4	ND	10810	ND	18	ND	ND	6266
17437	>100	.94	658	5	14	ND	.17	2.2	5	51	22740	8.05	.09	.27	4935	187	.38	18	.04	218	ND	ND	572	ND	5	ND	ND	495
17438	>100	1.00	665	3	13	ND	.22	2.9	3	37	17682	9.10	.04	.01	3660	78	.47	21	.06	324	ND	ND	439	ND	6	ND	ND	823
17439	>100	.59	518	5	7	7	2.17	3.4	5	28	17016	7.93	.10	.27	5502	35	.44	15	.05	177	ND	ND	1671	ND	74	ND	ND	513
17440	3.7	1.17	1401	ND	29	ND	1.50	.1	10	11	576	4.35	.10	.51	4051	10	.13	33	.14	57	ND	ND	108	ND	61	ND	ND	142
17441	1.8	1.46	377	ND	80	4	.50	.1	14	18	227	3.47	.09	.47	1857	11	.07	40	.15	50	ND	ND	22	ND	16	ND	10	58
17442	.7	1.45	90	ND	57	ND	1.73	.1	15	24	183	4.12	.10	.55	1903	5	.13	36	.11	28	ND	ND	13	ND	56	ND	3	53
17443	1.2	1.91	46	ND	155	ND	3.44	.1	8	25	207	3.72	.11	.93	2194	13	.09	38	.12	4	ND	ND	11	ND	110	ND	ND	48
17444	.1	1.66	447	ND	162	ND	2.53	.1	8	21	112	3.11	.11	.69	1521	11	.11	37	.12	64	ND	ND	7	ND	93	ND	ND	156
17445	.5	1.52	1158	ND	91	ND	.89	.1	8	15	112	3.78	.10	.50	1345	3	.11	15	.10	50	ND	ND	20	ND	32	ND	4	126
17446	.1	1.63	167	ND	93	ND	2.27	.1	10	13	73	3.34	.10	.81	1635	1	.13	6	.09	33	ND	ND	7	ND	85	ND	ND	108
17447	.1	1.53	36	ND	108	ND	3.22	.1	9	20	84	3.35	.08	.92	1388	1	.10	4	.08	24	ND	ND	4	ND	111	ND	4	54
17448	1.0	1.38	269	ND	107	ND	3.25	.1	9	20	115	3.21	.03	.67	1947	ND	.10	8	.09	45	ND	ND	10	ND	98	ND	4	72
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	3	1	5	3	1

CLIENT: WESTERN CANADIAN JOB#: 871115 PROJECT: KERR 9101 REPORT: 871115PA DATE: 87/09/18

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17449	.1	1.37	51	ND	148	ND	3.51	.1	10	11	43	3.02	.18	.70	1600	ND	.09	4	.09	12	ND	ND	ND	ND	104	ND	ND	43
17450	.1	3.34	436	ND	142	ND	1.33	.1	9	8	49	6.63	.08	1.63	3560	1	.20	6	.09	1	ND	ND	6	ND	54	ND	ND	74
17451	80.9	1.61	4414	ND	20	ND	1.24	.1	11	16	1397	5.14	.13	.69	4106	3	.20	8	.09	92	ND	ND	191	ND	65	ND	ND	226
17452	1.0	1.31	2110	ND	102	ND	1.31	.1	11	22	208	3.10	.18	.56	889	5	.07	26	.11	17	ND	ND	21	ND	37	ND	ND	98
17453	.2	1.21	123	ND	48	ND	.85	.1	12	17	141	3.61	.07	.53	579	4	.09	22	.12	41	ND	ND	8	ND	18	ND	ND	63
17454	.2	1.22	76	ND	91	ND	1.00	.1	12	22	135	2.94	.08	.48	464	7	.08	33	.12	27	ND	ND	4	ND	23	ND	3	61
17455	.2	1.78	62	ND	94	ND	1.05	.1	14	16	235	4.06	.08	.98	783	4	.12	19	.13	20	ND	ND	3	ND	34	ND	ND	73
17456	.1	2.02	113	ND	94	ND	2.43	.1	13	22	181	4.75	.08	1.30	1200	2	.16	7	.13	9	ND	ND	4	ND	63	ND	ND	111
17457	.1	1.67	43	ND	56	ND	3.01	.1	12	18	160	4.45	.09	1.05	1029	2	.12	6	.13	7	ND	ND	ND	ND	71	ND	ND	47
17458	.2	1.50	78	ND	77	ND	1.28	1.2	11	26	376	3.65	.07	.74	980	6	.19	27	.12	62	ND	ND	3	ND	33	ND	ND	293
17459	.1	1.22	69	ND	67	ND	.85	.1	10	22	121	2.95	.07	.57	684	5	.11	25	.12	33	ND	ND	6	ND	21	ND	ND	87
17460	2.6	1.60	66	ND	62	ND	.74	.1	11	22	132	4.08	.08	.73	1079	8	.12	24	.12	45	ND	ND	5	ND	18	ND	ND	135
17461	.7	1.00	42	ND	51	ND	.76	.3	13	17	191	3.11	.07	.48	523	7	.09	15	.13	37	ND	ND	5	ND	20	ND	3	93
17462	.1	1.04	13	ND	20	ND	2.09	.1	11	24	92	3.23	.07	.61	377	1	.09	3	.11	17	ND	ND	3	ND	108	ND	ND	48
17463	.1	1.02	ND	ND	44	ND	1.84	.1	8	27	142	2.05	.06	.64	680	ND	.06	3	.08	13	ND	ND	3	ND	174	ND	ND	44
17464	.1	1.15	8	ND	267	ND	1.63	.1	7	27	68	1.84	.08	.67	837	3	.05	2	.08	3	ND	ND	ND	ND	130	ND	ND	44
17465	.1	1.24	6	ND	125	ND	2.11	.1	7	14	70	2.29	.06	.88	949	2	.07	ND	.07	6	ND	ND	ND	ND	72	ND	ND	35
1746	.1	1.51	7	ND	60	ND	1.18	.1	10	31	85	3.44	.05	1.37	1130	1	.10	3	.10	5	ND	ND	ND	ND	38	ND	3	46
17467	.1	1.17	20	ND	16	ND	1.33	.1	12	33	138	3.58	.06	1.07	1075	5	.11	5	.11	18	ND	ND	10	ND	69	ND	ND	83
17468	.1	1.26	16	ND	41	ND	1.68	.3	11	21	110	3.73	.06	1.01	1437	1	.10	6	.11	12	ND	ND	ND	ND	55	ND	ND	62
17469	.1	1.09	26	ND	44	3	1.25	.1	10	10	104	3.67	.07	.81	1407	1	.10	13	.11	14	ND	ND	4	ND	47	ND	ND	65
17470	.1	1.21	38	ND	112	ND	.21	.1	10	20	97	3.48	.05	.74	933	3	.09	18	.12	17	ND	ND	4	ND	10	ND	ND	66
17471	.1	1.28	65	ND	55	ND	2.01	.1	11	81	129	3.61	.07	1.05	912	12	.09	40	.13	16	ND	ND	ND	ND	71	ND	ND	67
17472	.1	1.47	42	ND	81	ND	2.27	.8	11	80	113	3.46	.08	1.21	809	7	.10	34	.13	20	ND	ND	ND	ND	71	ND	ND	52
17473	.1	1.46	53	ND	75	ND	1.55	.6	12	54	115	3.34	.08	1.05	922	6	.10	35	.12	25	ND	ND	ND	ND	63	ND	3	97
17474	.1	1.81	89	ND	46	3	2.51	9.5	12	51	147	4.83	.07	1.12	1081	6	.72	38	.12	26	ND	ND	ND	ND	65	ND	ND	1531
17475	.1	1.74	30	ND	50	3	2.08	7.8	13	62	117	4.18	.07	1.44	981	8	.64	37	.12	34	ND	ND	5	ND	58	ND	ND	1427
17476	.1	1.90	20	ND	64	6	1.91	.2	.3	72	102	3.77	.05	1.86	1094	8	.13	45	.12	24	ND	ND	4	ND	48	ND	ND	114
17477	.1	2.34	53	ND	54	ND	1.77	.7	15	59	121	4.42	.04	2.25	1474	8	.18	47	.13	44	ND	ND	13	ND	41	ND	ND	173
17478	.1	1.90	99	ND	47	4	1.77	.4	14	46	127	4.71	.07	1.75	1284	11	.17	46	.13	27	ND	ND	5	ND	88	ND	ND	155
17479	.1	1.43	60	ND	50	4	2.54	1.0	11	42	99	3.95	.07	1.23	1132	5	.17	29	.12	22	ND	ND	ND	ND	61	ND	ND	206
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

ASSAY ANALYTICAL REPORT

CLIENT: WESTERN CDN. MINING CORP.
ADDRESS: 1170-1055 W. Hastings St.
: Vancouver, B.C.
: V6E 2E9

DATE: Oct 20 1987
REPORT#: 871115 AB
JOB#: 871115

PROJECT#: KERR 9101
SAMPLES ARRIVED: Aug 20 1987
REPORT COMPLETED: Oct 19 1987
ANALYSED FOR: Cu

INVOICE#: 871115 NB
TOTAL SAMPLES: 4
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 4 Core

SAMPLES FROM: WESTERN CDN. MINING CORP.
COPY SENT TO: WESTERN CDN. MINING CORP.

PREPARED FOR: Mr. John Kowalchuk

ANALYSED BY: David Chiu

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: None

VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 871115 AB JOB NUMBER: 871115 WESTERN CDN. MINING CORP. PAGE 1 OF 1

SAMPLE #	Cu %
17436	13.48
17437	2.23
17438	1.80
17439	1.77

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

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: B71139 GA JOB NUMBER: B71139 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
17488	260
17489	5
17490	105
17491	330
17492	270
17493	65
17494	50
17495	140
17496	130
17497	170
17498	nd
17499	90
17500	nd

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871139 GA JOB NUMBER: 871139 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
3501	35
3502	220
3503	100
3504	40
3505	20
3506	40
3507	100
3508	50
3509	105
3510	145
3511	85
3512	80
3513	115
3514	200
3515	220
3516	225
3517	340
3518	90
16556	490
16557	450
16558	410
16559	350
16560	800
16561	1020
16562	460
16563	420
16564	375
16565	210
16566	265
16567	540
16568	760
17480	50
17481	nd
17482	nd
17483	nd
17484	nd
17485	10
17486	200
17487	nd
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871139 GA JOB NUMBER: 871139 **WESTERN CDN. MINING CORP.**

SAMPLE #	Au ppb
17488	260
17489	5
17490	105
17491	330
17492	270
17493	65
17494	50
17495	140
17496	190
17497	170
17498	nd
17499	90
17500	nd

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CDN. MIN.
ATTENTION:
PROJECT: KERR 9101

REPORT#: 871058PA
JOB#: 871058
INVOICE#: 871058NA

DATE RECEIVED: 87/08/14
DATE COMPLETED: 87/09/04
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16547	3.5	.39	111	ND	84	3	2.13	.1	7	39	47	2.37	.08	.13	2889	73	.06	15	.03	82	ND	ND	5	ND	82	ND	ND	52
16548	32.7	.19	33	ND	90	3	.12	.1	1	88	85	2.21	.04	.02	187	39	.06	7	.05	45	ND	ND	8	ND	14	ND	7	66
16549	8.3	.33	43	ND	62	ND	.08	.1	6	84	3655	2.99	.05	.06	166	10	.07	4	.05	16	ND	ND	4	ND	7	ND	ND	47
16550	>100	.74	87	ND	67	3	.99	3.2	5	29	991	2.87	.08	.34	2385	20	.10	6	.04	38	ND	ND	144	ND	46	ND	ND	102
16551	10.2	1.08	74	ND	106	ND	.21	.1	8	25	2544	4.26	.07	.29	513	5	.12	5	.14	98	ND	ND	10	ND	6	ND	ND	87
16552	5.2	.56	33	ND	242	ND	.15	.1	3	17	452	3.65	.07	.11	154	3	.07	2	.16	24	ND	ND	6	ND	18	ND	ND	16
16553	1.7	1.15	19	ND	109	ND	.13	.1	5	15	235	5.12	.06	.91	479	4	.13	5	.15	25	ND	ND	4	ND	6	ND	ND	48
16554	.7	2.29	291	ND	50	ND	.12	.1	27	17	1402	14.26	.09	.43	3770	4	.44	10	.12	45	ND	ND	11	ND	29	ND	ND	370
16555	.7	2.14	105	3	34	ND	.07	.1	29	27	2165	15.46	.08	.43	2925	6	.51	11	.07	37	ND	ND	11	ND	8	ND	ND	508
16601	.5	.29	36	ND	1012	ND	.01	.1	1	15	120	2.14	.03	.03	144	17	.05	2	.04	12	ND	ND	10	ND	65	ND	ND	33
16602	.2	.35	12	ND	933	ND	.01	.1	.1	22	112	2.08	.05	.06	77	20	.04	3	.02	10	ND	ND	4	ND	47	ND	ND	50
16603	.4	.24	26	ND	269	ND	.01	.1	1	14	56	2.83	.04	.03	38	7	.05	6	.05	22	ND	ND	6	ND	21	3	ND	15
16604	.1	.76	35	ND	1377	ND	.04	.1	1	11	50	2.38	.05	.33	111	13	.06	7	.08	4	ND	ND	13	ND	78	ND	ND	50
16605	.4	.24	62	ND	1056	ND	.01	.1	ND	10	26	1.18	.04	.01	9	7	.01	4	.05	6	ND	ND	22	ND	81	ND	ND	4
16606	.1	.25	12	ND	723	3	.01	.1	ND	8	30	1.03	.05	.01	20	12	.01	2	.02	8	ND	ND	7	ND	27	ND	3	5
16607	.3	.21	51	ND	1086	ND	.01	.1	ND	11	38	1.01	.04	.01	16	8	.01	2	.01	9	ND	ND	20	ND	48	ND	ND	5
16608	.2	.24	14	ND	1301	3	.01	.1	ND	11	9	.43	.04	.01	9	6	.01	2	.01	23	ND	ND	11	ND	68	ND	3	3
16609	.2	.25	4	ND	945	ND	.01	.1	ND	12	7	.20	.04	.01	9	4	.01	1	.01	17	ND	ND	13	ND	33	3	ND	3
16610	.2	.21	ND	ND	1109	ND	.01	.1	ND	8	6	.18	.04	.01	ND	4	.01	2	.01	11	ND	ND	12	ND	44	4	ND	1
16611	.2	.21	7	ND	1058	ND	.01	.1	ND	10	14	.29	.04	.01	5	5	.01	2	.01	33	ND	ND	24	ND	30	ND	ND	5
16612	.3	.21	14	ND	212	4	.03	.1	ND	17	9	.16	.04	.01	16	3	.01	22	.01	5	ND	ND	19	ND	6	ND	3	2
16613	.4	.22	89	ND	511	3	.01	.1	ND	3	19	.22	.04	.01	8	2	.01	9	.05	5	ND	ND	25	ND	17	4	3	6
16614	.3	.23	21	ND	316	ND	.01	.3	ND	16	30	.22	.04	.01	3	4	.01	5	.02	10	ND	ND	15	ND	9	3	ND	4
16615	.1	.22	36	ND	244	ND	.01	.1	ND	3	48	.64	.04	.01	3	8	.01	3	.07	13	ND	ND	8	ND	18	ND	ND	7
16616	.2	.26	38	ND	289	4	.01	.1	ND	17	60	.64	.04	.01	1	9	.01	2	.09	13	ND	ND	9	ND	21	ND	ND	7
16617	.4	.25	10	ND	228	ND	.01	.1	ND	1	13	.43	.04	.01	ND	9	.01	2	.07	11	ND	ND	3	ND	7	ND	4	8
16618	.4	.28	3	ND	453	ND	.01	.1	ND	6	7	.43	.04	.01	ND	9	.01	1	.06	7	ND	ND	3	ND	13	ND	3	1
16619	.2	.21	53	ND	184	ND	.01	.1	ND	2	61	1.60	.04	.01	1	4	.02	2	.04	9	ND	ND	15	ND	84	ND	ND	5
16620	.1	.20	38	ND	797	ND	.01	.1	ND	12	64	2.05	.04	.01	2	15	.03	2	.03	10	ND	ND	12	ND	49	ND	ND	4
16621	.1	.20	29	ND	1004	ND	.01	.1	ND	8	44	2.00	.03	.01	1	13	.03	1	.03	11	ND	ND	10	ND	61	ND	ND	11
16622	.1	.20	60	ND	591	ND	.01	.1	ND	2	39	2.14	.05	.01	1	9	.03	1	.03	14	ND	ND	17	ND	46	ND	ND	6
16623	.3	.19	141	ND	302	ND	.01	.1	ND	2	166	1.47	.04	.01	ND	9	.02	3	.02	13	ND	ND	37	ND	24	ND	ND	17
16624	1.4	.90	58	ND	79	3	.13	.1	11	2	1638	4.97	.07	.18	383	4	.10	5	.13	12	ND	ND	7	ND	5	ND	ND	41
16625	7.6	.65	42	ND	95	ND	.10	.1	7	5	5226	3.66	.06	.12	215	6	.08	6	.11	15	ND	ND	6	ND	8	ND	ND	46
16651	1.2	.59	61	ND	89	ND	.33	1.4	10	14	313	5.11	.06	.23	2193	2	.29	32	.15	169	ND	ND	4	ND	13	ND	ND	475
16652	.1	1.44	40	ND	88	ND	1.24	.1	16	78	143	5.04	.07	1.36	7570	3	.23	112	.15	122	ND	ND	ND	ND	60	ND	ND	273
16653	2.5	.62	239	ND	114	5	.34	.2	7	7	137	3.09	.06	.31	2308	1	.19	21	.12	95	ND	ND	7	ND	14	ND	ND	330
16654	.1	1.14	35	ND	48	ND	1.97	3.6	16	29	91	4.62	.07	1.36	7316	1	.42	76	.16	186	ND	ND	ND	ND	79	ND	ND	706
16655	1.2	1.35	49	ND	58	ND	1.30	5.8	20	3	176	5.36	.07	1.49	8928	ND	.59	36	.18	204	ND	ND	ND	ND	76	ND	ND	1056

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SAMPLE NAME	AG PPM	AL %	AS PPM	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
16656	.1	.87	11	ND	57	ND	1.25	20.6	10	23	167	4.08	.06	1.07	4099	2	1.47	56	.11	49	ND	ND	ND	ND	36	ND	ND	3689
16657	.1	1.72	27	ND	46	ND	1.12	6.8	14	30	165	5.32	.06	1.82	3915	4	.79	56	.19	119	ND	ND	3	17	34	ND	ND	1730
16658	1.4	1.26	45	ND	35	ND	.51	3.3	21	16	271	9.13	.08	1.06	1764	2	.67	16	.30	160	ND	ND	4	ND	22	ND	ND	1215
16659	.1	1.86	13	ND	35	ND	2.32	41.7	22	16	152	6.76	.08	2.68	8915	ND	2.62	18	.22	131	ND	ND	ND	ND	82	ND	ND	6525
16660	1.4	.86	120	ND	53	ND	.74	6.6	16	18	212	7.60	.08	.88	2696	3	.77	12	.22	231	ND	ND	7	ND	32	ND	ND	1598
16661	1.8	.52	50	ND	81	4	.18	3.1	6	13	167	6.99	.08	.21	829	3	.53	25	.19	154	ND	ND	6	ND	11	ND	ND	1057
16662	1.6	.44	90	ND	67	ND	.14	4.2	9	6	150	5.50	.07	.14	616	1	.57	10	.15	92	ND	ND	8	ND	9	ND	ND	1243
16663	1.6	.24	89	ND	102	ND	.02	.1	3	4	65	3.55	.07	.03	152	1	.10	5	.05	116	ND	ND	8	ND	14	3	ND	128
16664	1.7	.26	173	ND	154	3	.03	.1	2	14	62	3.28	.06	.02	92	1	.08	3	.17	71	ND	ND	13	ND	9	ND	ND	96
16665	3.7	.27	219	ND	90	ND	.02	.1	1	3	62	3.61	.06	.03	115	1	.10	ND	.12	68	ND	ND	23	ND	4	ND	ND	100
16666	1.8	.21	78	ND	66	ND	.01	.1	ND	25	33	1.91	.05	.01	44	2	.03	1	.05	68	ND	ND	9	ND	2	ND	ND	34
16667	1.8	.25	102	ND	139	ND	.02	.1	ND	4	31	2.56	.07	.02	50	2	.05	2	.15	72	ND	ND	9	ND	24	3	ND	38
16668	1.5	.24	39	ND	111	ND	.06	.1	1	9	84	4.14	.06	.08	250	4	.17	2	.19	66	ND	ND	5	ND	7	ND	ND	256
16669	1.1	.55	50	ND	143	ND	.06	.1	4	11	113	6.23	.07	.21	538	3	.27	13	.18	137	ND	ND	6	ND	5	ND	ND	375
16670	4.5	.29	71	ND	268	3	.05	.3	1	12	55	2.41	.07	.02	105	2	.14	6	.11	405	ND	ND	11	ND	20	3	ND	297
16671	3.9	.28	85	ND	129	ND	.03	1.3	4	6	83	3.24	.07	.02	186	3	.29	21	.11	354	ND	ND	14	ND	15	ND	ND	651
16672	2.1	.52	81	ND	161	ND	.03	.1	2	20	67	3.04	.06	.17	360	3	.16	8	.11	274	ND	ND	6	ND	12	ND	ND	311
16673	2.9	.38	94	ND	51	ND	2.11	11.9	12	7	147	4.05	.09	.72	7300	2	.95	67	.16	233	ND	ND	10	ND	66	ND	ND	2298
16674	2.4	.33	61	ND	62	ND	2.05	13.8	10	14	142	4.12	.08	.65	5965	1	.99	71	.14	378	ND	ND	ND	ND	67	ND	ND	2395
16675	.7	.51	45	ND	66	ND	2.76	4.0	15	9	128	3.98	.10	.55	8873	1	.51	103	.15	232	ND	ND	ND	ND	62	ND	ND	1137
16988	.7	.26	51	ND	602	ND	.12	.1	ND	18	21	.94	.05	.05	299	14	.02	28	.04	28	ND	ND	34	ND	11	4	ND	52
16989	.5	.25	22	ND	589	ND	.03	.1	ND	2	14	.69	.04	.02	103	10	.01	9	.03	13	ND	ND	18	ND	10	ND	4	30
16990	.8	.70	30	ND	996	ND	.02	.1	ND	2	20	1.80	.07	.19	144	10	.02	3	.04	9	ND	ND	38	ND	20	3	ND	56
16991	.4	.26	ND	ND	650	ND	.01	.1	ND	10	15	1.12	.06	.01	25	15	.01	1	.04	12	ND	ND	5	ND	10	4	4	12
16992	.6	.26	26	ND	1648	ND	.01	.1	ND	2	9	.73	.05	.01	12	20	.01	ND	.05	7	ND	ND	16	ND	95	ND	5	9
16993	.6	.31	20	ND	1561	ND	.01	.1	ND	17	12	.92	.05	.03	16	11	.01	ND	.04	11	ND	ND	14	ND	91	3	3	12
16994	.1	1.17	ND	ND	1261	ND	.08	.1	4	2	53	2.92	.05	.41	538	11	.11	ND	.08	8	ND	ND	3	ND	40	ND	ND	152
16995	.2	.21	ND	ND	830	ND	.01	.1	ND	12	13	2.38	.07	.02	20	8	.03	ND	.05	9	ND	ND	5	1	43	9	ND	5
16996	.1	.65	39	ND	755	ND	.01	.1	1	2	45	4.09	.07	.17	120	6	.08	ND	.07	11	ND	ND	6	ND	38	ND	ND	47
16997	.1	.21	26	ND	516	ND	.01	.1	ND	2	24	3.28	.05	.02	17	7	.06	1	.08	15	ND	ND	7	ND	40	ND	ND	11
16998	.1	.23	38	ND	515	ND	.01	.1	1	19	27	3.38	.04	.02	29	3	.06	1	.08	26	ND	ND	7	ND	28	3	ND	20
16999	.1	.24	19	ND	479	ND	.01	.1	1	3	20	2.69	.05	.02	18	1	.04	2	.05	16	ND	ND	4	ND	21	ND	ND	9
17000	.1	.86	ND	ND	1237	ND	.03	.1	1	9	9	2.52	.06	.27	102	16	.05	ND	.06	3	ND	ND	4	ND	63	3	ND	47
17359	11.3	.36	265	ND	60	ND	.62	6.2	16	9	2692	5.87	.07	.18	1168	20	.52	4	.13	1496	ND	ND	220	ND	16	ND	ND	1013
17360	1.7	.38	10	ND	39	ND	.49	.5	19	42	2136	4.99	.07	.15	975	25	.16	5	.14	66	ND	ND	10	ND	15	ND	ND	136
17361	4.2	.38	14	ND	29	ND	.44	1.5	16	8	2551	4.86	.07	.10	907	15	.20	4	.16	51	ND	ND	8	ND	21	ND	ND	257
17362	2.8	.42	9	ND	28	ND	.61	.9	16	52	4676	4.75	.07	.19	739	9	.19	4	.13	34	ND	ND	4	ND	16	ND	ND	193
17363	4.3	.34	62	ND	20	ND	.35	.1	15	17	4083	5.52	.06	.14	494	10	.21	3	.12	56	ND	ND	64	ND	14	ND	ND	216
17364	2.4	.28	50	ND	19	ND	.28	2.0	15	46	3254	4.96	.06	.10	470	14	.26	3	.11	52	ND	ND	20	ND	9	ND	ND	380
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: WESTERN CDN. MIN. JOB#: 871058 PROJECT: KERR 9101 REPORT: 871058PA DATE: 87/09/04

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17365	3.9	.38	42	ND	16	ND	.31	2.9	15	12	10167	5.60	.05	.10	610	6	.35	9	.15	145	ND	ND	7	ND	23	ND	ND	618
17366	3.8	.42	21	ND	21	4	.26	2.5	16	76	11513	5.56	.07	.11	686	6	.32	12	.12	72	ND	ND	6	ND	31	3	ND	535
17367	3.9	.37	19	ND	15	3	.34	6.6	19	22	11617	6.49	.07	.19	972	6	.63	8	.11	81	ND	ND	6	ND	18	ND	ND	1367
17368	5.9	.29	41	ND	16	4	.35	2.6	15	73	9936	6.54	.08	.12	787	10	.37	6	.12	219	ND	ND	24	ND	10	5	ND	612
17369	2.6	.42	27	ND	19	ND	.26	3.8	17	13	8105	4.77	.08	.15	343	7	.31	6	.15	118	ND	ND	10	ND	30	5	ND	568
17370	1.6	.48	25	ND	23	ND	.28	1.7	17	61	9599	5.79	.06	.17	300	14	.25	7	.16	46	ND	ND	6	ND	28	ND	ND	302
17371	1.8	.36	15	ND	17	3	.29	2.0	18	13	8561	5.67	.07	.11	828	13	.32	5	.14	80	ND	ND	5	ND	12	ND	ND	525
17372	3.5	.27	42	ND	21	ND	.30	1.2	17	76	12609	4.61	.07	.10	944	13	.28	6	.11	133	ND	ND	12	ND	13	ND	ND	456
17373	2.7	.58	20	ND	21	4	.29	.9	15	12	8984	4.58	.06	.28	233	17	.24	5	.17	133	ND	ND	4	ND	21	ND	ND	348
17374	1.6	.51	14	ND	13	6	.10	.1	6	14	2739	2.04	.09	.42	251	8	.12	ND	.08	50	ND	ND	4	ND	10	17	ND	221
17375	2.4	1.10	24	ND	22	3	.23	.7	12	12	7576	5.22	.05	.83	533	16	.33	3	.18	53	ND	ND	ND	ND	41	ND	ND	525
17376	4.4	.82	129	ND	13	5	.64	2.3	30	65	14704	11.83	.12	.36	723	30	.57	7	.29	201	ND	ND	24	ND	49	ND	ND	789
17377	2.0	.46	97	ND	10	ND	.26	1.1	13	12	5534	6.78	.06	.22	124	5	.35	3	.16	136	ND	ND	14	ND	22	ND	ND	545
17378	7.1	1.21	36	ND	28	5	.27	1.7	14	14	6516	6.06	.06	.84	430	38	.40	3	.22	180	ND	ND	4	ND	17	ND	ND	687
17379	3.0	1.14	12	ND	37	ND	1.00	1.2	9	54	7217	5.35	.08	.58	763	15	.31	3	.19	80	ND	ND	ND	ND	46	ND	ND	499
17380	.1	1.43	5	ND	719	ND	.95	.1	9	23	1706	3.14	.07	.71	1424	2	.15	3	.13	7	ND	ND	ND	ND	62	ND	ND	232
17381	.1	1.13	ND	ND	1193	3	2.22	.1	7	6	229	2.76	.09	.78	1442	ND	.11	1	.03	5	ND	ND	ND	ND	118	ND	ND	138
17382	.1	1.19	ND	ND	451	ND	1.10	.1	8	28	518	3.21	.08	.85	1471	3	.16	1	.10	3	ND	ND	ND	ND	29	ND	ND	259
17383	.6	1.41	85	ND	76	ND	.28	.1	9	24	16430	5.71	.07	.07	195	18	.21	12	.15	25	ND	ND	4	ND	77	ND	ND	166
17384	.3	.30	86	ND	24	ND	.14	.1	14	52	3826	6.15	.08	.02	39	13	.15	5	.07	31	ND	ND	24	ND	12	ND	ND	53
17385	.6	.27	60	ND	22	ND	.45	.1	16	11	4627	6.52	.07	.08	549	14	.19	28	.15	41	ND	ND	18	ND	39	ND	ND	117
17386	.5	.37	17	ND	18	ND	.78	.1	15	50	3616	5.75	.08	.17	492	13	.16	11	.16	27	ND	ND	5	ND	18	ND	ND	100
17387	.7	.35	18	ND	16	ND	.55	.1	15	43	3939	6.00	.08	.14	361	11	.16	8	.17	20	ND	ND	5	ND	12	ND	ND	89
17388	.5	.32	31	ND	18	ND	.54	.1	14	13	3750	5.90	.08	.16	470	11	.16	3	.14	20	ND	ND	5	ND	21	3	3	99
17389	.6	.32	50	ND	14	ND	.57	1.5	16	8	3893	6.51	.08	.14	737	11	.24	5	.15	28	ND	ND	17	ND	20	ND	ND	250
17390	.3	.33	15	ND	14	ND	.65	.1	14	49	3905	5.91	.09	.20	476	13	.16	2	.15	14	ND	ND	4	ND	23	ND	ND	84
17391	.1	.29	14	ND	16	ND	.98	.3	13	12	1156	4.80	.08	.11	539	7	.16	2	.15	42	ND	ND	4	ND	26	ND	ND	160
17392	1.1	.25	15	ND	23	ND	.74	.1	12	53	4744	5.36	.06	.10	313	23	.13	4	.14	28	ND	ND	5	ND	42	ND	ND	33
17393	1.2	.32	17	ND	19	ND	.88	.1	14	9	5936	4.81	.08	.[illegible]	360	24	.13	4	.14	26	ND	ND	3	ND	24	ND	ND	38
17394	1.1	.25	12	ND	15	ND	1.41	.3	15	43	3784	5.21	.09	.18	746	16	.18	2	.15	83	ND	ND	3	ND	37	ND	ND	161
17395	.2	.23	61	ND	18	ND	1.73	.1	11	9	998	4.44	.08	.17	980	6	.16	2	.15	38	ND	ND	34	ND	34	ND	ND	175
17396	1.0	1.33	38	ND	13	ND	2.04	.1	33	96	7110	11.13	.16	1.24	1127	18	.31	33	.36	36	ND	ND	5	ND	61	ND	ND	162
17397	1.7	.41	13	ND	17	ND	.54	.1	17	19	9071	5.59	.08	.27	408	16	.16	16	.13	20	ND	ND	4	ND	16	ND	ND	44
17398	1.1	.42	41	ND	20	ND	1.74	.1	13	67	4254	4.86	.08	.55	575	11	.14	7	.11	33	ND	ND	13	ND	101	ND	ND	56
17399	1.2	.35	48	ND	18	ND	3.00	.3	13	13	4190	5.22	.10	.44	406	16	.19	6	.12	51	ND	ND	31	ND	200	ND	ND	151
17400	.3	.86	5	ND	23	ND	3.49	.1	15	50	3580	4.56	.09	.80	315	25	.15	23	.11	19	ND	ND	ND	ND	278	ND	ND	60
17401	1.2	.32	200	ND	19	ND	2.15	7.4	11	6	768	5.33	.10	.19	1015	4	.69	1	.14	465	ND	ND	28	ND	82	ND	ND	1454
17402	2.9	.36	293	ND	20	ND	1.89	3.7	12	45	827	5.89	.10	.17	1066	3	.48	2	.14	540	ND	ND	53	ND	60	ND	ND	884
17403	3.7	2.44	36	ND	57	ND	1.77	.1	21	6	960	6.84	.09	1.13	1355	30	.32	3	.14	304	ND	ND	ND	ND	35	ND	ND	381
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: WESTERN CDN. MIN. JOB#: 871058 PROJECT: KERR 9101 REPORT: 871058FA DATE: 87/09/04

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17404	.1	2.61	14	ND	37	5	1.05	.1	20	117	170	4.24	.06	1.87	1547	-	.19	65	.17	ND	ND	ND	3	ND	21	ND	ND	134
17405	.1	2.26	17	ND	25	ND	.69	.1	15	86	227	4.30	.04	1.45	2550	4	.20	60	.15	17	ND	ND	6	ND	12	ND	ND	188
17406	.1	2.68	14	ND	22	4	.50	.1	19	97	283	4.94	.05	1.80	3125	5	.25	60	.17	23	ND	ND	5	ND	9	ND	ND	250
17407	.6	2.35	24	ND	37	ND	.55	3.0	21	86	526	5.38	.05	2.32	3269	4	.40	44	.18	20	ND	ND	9	ND	10	ND	ND	889
17408	.5	2.19	23	ND	24	ND	.49	6.6	21	71	643	5.04	.06	2.12	2881	6	.67	43	.15	31	ND	ND	7	ND	8	ND	ND	1537
17409	.1	2.87	17	ND	30	4	.48	1.0	24	53	716	6.47	.07	2.79	3507	6	.40	32	.16	25	ND	ND	6	ND	8	ND	ND	636
DETECTION LIMIT	.1	.01	2	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
17488	.1	1.85	99	ND	240	ND	1.98	.1	8	33	118	3.24	.10	1.29	1587	1	.08	10	.08	6	ND	ND	3	ND	71	ND	ND	88
17489	.1	2.18	69	ND	201	ND	2.38	.1	13	27	210	3.62	.08	1.73	1954	1	.12	21	.14	14	ND	ND	3	ND	95	ND	ND	98
17490	.3	1.99	32	ND	150	ND	.69	.2	12	17	937	4.15	.07	1.03	1215	1	.12	6	.13	5	ND	ND	5	ND	29	ND	ND	111
17491	.1	1.71	25	ND	65	ND	.72	.4	20	17	225	4.68	.08	1.05	1323	1	.15	10	.11	25	ND	ND	4	ND	24	ND	ND	128
17492	2.5	.94	34	ND	138	ND	.63	.3	18	25	5430	2.39	.08	.34	596	4	.07	8	.16	16	ND	ND	6	ND	34	ND	4	63
17493	.1	2.00	21	ND	80	4	.60	.1	13	26	898	4.87	.06	1.39	1360	3	.15	6	.10	ND	ND	ND	4	ND	23	ND	ND	81
17494	1.3	.65	20	ND	91	ND	.43	.5	15	14	4418	2.42	.07	.15	201	7	.05	6	.22	1	ND	ND	7	ND	66	ND	5	32
17495	.4	1.58	54	ND	25	ND	.32	.1	23	35	2457	6.28	.07	.87	843	9	.18	18	.10	6	ND	ND	6	ND	22	ND	ND	95
17496	.1	1.19	168	ND	17	ND	.22	.1	36	40	1287	8.15	.06	.39	484	21	.20	36	.11	12	ND	ND	11	ND	27	ND	ND	68
17497	.5	.61	131	ND	8	ND	.22	.1	36	44	2495	9.76	.06	.16	194	18	.22	36	.11	15	ND	ND	10	ND	39	ND	ND	43
17498	.6	.37	45	ND	10	ND	.25	.1	26	24	2106	7.68	.07	.04	46	9	.17	22	.12	17	ND	ND	10	ND	48	ND	ND	20
17499	.6	.44	29	ND	95	ND	.24	.1	7	28	413	1.74	.05	.07	65	5	.03	7	.12	18	ND	ND	8	ND	33	ND	ND	16
17500	.4	.41	31	ND	74	7	.24	.1	9	30	478	2.25	.07	.04	49	4	.04	11	.12	20	ND	ND	7	ND	30	ND	ND	16
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

N OF ...: 1... PEMB... ON A... N.V...UVER ...C. ... 2S3 ...: (60.)986-5... TELEX: 04-3...578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN
ATTENTION:
PROJECT: KERR 9101

REPORT#: 871139PA
JOB#: 871139
INVOICE#: 871139NA

DATE RECEIVED: 87/08/24
DATE COMPLETED: 87/09/21
COPY SENT TO:

ANALYST [signature]

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03501	.5	.33	34	ND	61	5	.31	.1	12	25	583	2.13	.06	.03	44	5	.03	12	.15	17	ND	ND	7	ND	33	ND	ND	13
03502	.1	.29	85	ND	5	6	.21	.1	24	39	375	14.87	.09	.03	128	8	.31	24	.10	38	ND	ND	11	ND	18	ND	ND	9
03503	.1	.36	44	ND	27	6	.24	.1	38	33	666	3.54	.06	.05	71	10	.08	31	.10	19	ND	ND	7	ND	20	ND	ND	15
03504	.4	.60	23	ND	55	7	.41	.1	22	37	1092	2.48	.06	.19	194	12	.05	17	.12	12	ND	ND	5	ND	27	ND	ND	36
03505	.1	1.34	14	ND	41	6	2.78	.1	12	24	488	3.89	.08	.78	1288	2	.12	5	.13	9	ND	ND	ND	ND	130	ND	ND	85
03506	.1	2.01	6	ND	154	6	2.98	.1	11	27	121	3.71	.09	1.32	1910	1	.15	8	.12	5	ND	ND	ND	ND	141	ND	ND	143
03507	.1	1.67	35	ND	100	4	2.12	.1	21	20	463	4.04	.10	1.01	1453	3	.13	17	.13	13	ND	ND	ND	ND	108	ND	ND	103
03508	.8	.46	12	ND	126	5	.73	.1	12	40	916	.83	.08	.05	290	9	.01	5	.13	11	ND	ND	4	ND	43	ND	5	8
03509	.6	.38	20	ND	138	7	.58	.1	15	31	757	.73	.07	.03	186	8	.01	8	.12	10	ND	ND	4	ND	37	ND	4	5
03510	.2	.44	8	ND	226	4	2.08	.1	4	33	474	.64	.08	.09	623	8	.01	1	.11	15	ND	ND	11	ND	126	ND	4	11
03511	.1	1.09	11	ND	30	4	2.48	.1	11	15	147	2.85	.06	.87	1304	2	.09	2	.11	ND	ND	ND	3	ND	150	ND	17	48
03512	.1	1.33	14	ND	34	6	1.60	.1	12	26	183	3.14	.08	1.03	1377	2	.09	7	.12	4	ND	ND	ND	ND	92	ND	ND	65
03513	.2	1.60	17	ND	128	8	.54	.1	11	27	405	3.45	.06	1.24	908	2	.10	5	.13	4	ND	ND	4	ND	19	ND	ND	67
03514	.3	1.41	33	ND	126	8	1.24	.1	12	46	698	3.24	.06	1.03	1024	5	.09	3	.11	11	ND	ND	3	ND	64	ND	ND	60
03515	.3	2.13	37	ND	160	6	2.13	.1	16	46	576	3.91	.08	1.73	1391	1	.12	11	.14	5	ND	ND	ND	ND	112	ND	ND	66
03516	.1	2.24	23	ND	110	8	3.08	.1	20	55	590	4.23	.07	1.92	1511	1	.13	15	.14	2	ND	ND	ND	ND	150	ND	ND	56
03517	.4	2.19	33	ND	85	6	2.14	.1	21	56	998	4.28	.07	1.92	1433	4	.14	13	.15	2	ND	ND	ND	ND	111	ND	ND	64
03518	.1	2.66	15	ND	225	5	2.12	.1	19	60	684	4.38	.06	2.41	1706	2	.15	12	.15	ND	ND	ND	ND	ND	111	ND	ND	76
16556	3.7	.36	429	ND	167	3	.04	.1	ND	62	384	3.90	.06	.05	48	17	.07	ND	.02	78	ND	ND	46	ND	31	ND	ND	14
16557	2.6	.29	29	ND	497	3	.01	.1	ND	54	79	1.12	.05	.02	22	16	.01	ND	.01	27	ND	ND	7	ND	7	6	7	4
16558	1.7	.28	9	ND	227	4	.02	.1	ND	36	41	.46	.05	.02	21	4	.01	7	.01	19	ND	ND	6	ND	4	5	4	5
16559	2.9	.28	64	ND	447	3	.01	.1	ND	41	103	1.29	.06	.01	14	9	.01	1	.01	51	ND	ND	12	ND	8	ND	5	5
16560	3.2	.27	5	ND	955	5	.01	.1	ND	57	181	1.60	.06	.01	15	7	.02	2	.01	19	ND	ND	7	ND	9	5	ND	4
16561	2.7	.27	39	ND	472	5	.01	.1	ND	68	230	4.29	.07	.01	32	35	.09	1	.05	48	ND	ND	10	ND	5	3	ND	49
16562	3.0	.24	67	ND	532	3	.01	.1	ND	71	63	.71	.06	.01	18	5	.01	4	.01	37	ND	ND	26	ND	9	6	3	5
16563	3.0	.33	24	ND	901	4	.01	.1	ND	63	78	.94	.05	.03	17	10	.01	1	.02	36	ND	ND	20	ND	16	ND	5	11
16564	2.0	.32	3	ND	1115	5	.01	.1	1	30	53	.64	.06	.01	12	7	.01	ND	.02	41	ND	ND	8	ND	106	5	ND	12
16565	1.5	.39	23	ND	958	5	.01	.1	1	39	121	1.99	.06	.03	10	8	.03	ND	.12	50	ND	ND	18	ND	218	ND	3	11
16566	1.9	.30	108	ND	684	4	.01	.1	ND	23	417	6.42	.07	.03	8	21	.12	ND	.09	21	ND	ND	17	ND	20	ND	ND	16
16567	.4	.29	22	ND	693	ND	.01	.1	ND	40	340	5.12	.07	.02	9	22	.09	1	.06	15	ND	ND	9	ND	22	ND	ND	4
16568	.7	.26	7	ND	905	6	.01	.1	ND	48	579	5.80	.06	.02	11	12	.11	2	.06	16	ND	ND	7	ND	16	ND	ND	4
17480	.1	1.38	23	ND	56	5	1.96	.2	12	62	143	3.50	.08	1.19	918	6	.14	34	.12	29	ND	ND	13	ND	51	ND	ND	197
17481	.1	1.68	286	ND	47	5	1.79	.1	15	57	124	4.30	.07	1.67	1047	4	.15	41	.18	20	ND	ND	9	ND	59	ND	ND	185
17482	.1	1.67	643	ND	75	3	3.65	.1	12	50	100	3.80	.08	1.25	1461	3	.13	31	.16	41	ND	ND	5	ND	100	ND	ND	129
17483	.1	1.70	64	ND	62	ND	4.17	.1	13	47	117	4.19	.07	1.30	1543	2	.13	31	.16	13	ND	ND	4	ND	39	ND	ND	86
17484	.1	1.57	96	ND	84	ND	4.17	.1	12	36	180	3.46	.08	1.06	1510	2	.12	20	.15	18	ND	ND	ND	ND	105	ND	ND	117
17485	.1	1.05	2118	ND	29	ND	4.67	.1	13	18	174	4.44	.10	.51	1525	1	.12	23	.16	26	ND	ND	11	ND	108	ND	ND	84
17486	.1	.92	3069	ND	73	ND	1.84	.1	11	26	158	2.74	.08	.32	976	3	.12	28	.17	125	ND	ND	19	ND	51	ND	4	239
17487	.1	1.66	2264	ND	85	6	.76	.1	13	21	154	3.86	.08	.76	993	2	.11	26	.16	39	ND	ND	15	ND	22	ND	14	106
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03558	1.1	.16	5	ND	752	ND	.01	.1	1	24	41	1.02	.05	.01	33	8	.01	5	.01	11	ND	ND	5	ND	7	3	ND	9
03559	1.6	.20	20	ND	812	ND	.01	.1	1	9	52	1.21	.05	.01	25	18	.01	2	.01	13	ND	ND	21	ND	15	ND	ND	17
03560	.7	.20	13	ND	280	ND	.02	.1	ND	5	35	1.66	.06	.01	16	15	.02	1	.01	9	ND	ND	ND	ND	9	ND	ND	6
03561	.2	.19	8	ND	129	ND	.01	.1	1	6	67	1.37	.05	.01	15	3	.01	1	.01	7	ND	ND	ND	ND	3	ND	ND	6
03562	.1	.15	5	ND	718	ND	.01	.1	ND	10	27	1.18	.04	.01	15	6	.01	2	.01	31	ND	ND	ND	ND	8	ND	ND	5
03563	.1	.17	6	ND	648	ND	.01	.1	ND	8	11	.30	.04	.01	18	1	.01	2	.03	53	ND	ND	ND	ND	40	ND	ND	8
03564	5.5	.17	14	ND	612	ND	.01	.1	ND	11	44	1.08	.05	.01	20	7	.01	1	.03	65	ND	ND	ND	ND	51	ND	ND	9
03565	.8	.17	13	ND	601	ND	.01	.1	ND	4	82	1.79	.05	.02	21	13	.02	2	.03	22	ND	ND	ND	ND	16	ND	ND	11
03566	2.1	.17	15	ND	697	ND	.01	.1	ND	6	137	2.42	.04	.01	19	6	.03	2	.04	16	ND	ND	ND	ND	17	ND	ND	10
03567	.5	.39	19	ND	1053	ND	.02	.1	1	4	374	3.45	.06	.06	55	13	.05	2	.14	63	ND	ND	ND	ND	197	ND	ND	24
03568	.1	1.16	5	ND	244	ND	.17	.8	8	3	1313	3.11	.05	.60	1316	1	.12	4	.10	3	ND	ND	ND	ND	12	ND	ND	195
03569	.1	1.51	ND	ND	1708	ND	.45	.3	8	4	1287	2.79	.05	.48	1537	1	.12	7	.12	ND	ND	ND	ND	ND	80	ND	ND	217
03570	.1	1.28	7	ND	356	ND	.17	1.1	8	9	3059	3.11	.05	.34	1015	1	.16	7	.11	5	ND	ND	ND	ND	17	ND	ND	309
03571	.1	1.18	13	ND	23	ND	.17	2.5	10	8	6840	4.91	.06	.32	347	7	.27	7	.13	17	ND	ND	ND	ND	52	ND	ND	442
03572	1.8	.22	153	ND	8	ND	.06	.1	9	19	16525	7.16	.05	.04	87	5	.17	9	.04	117	ND	ND	40	ND	21	ND	ND	89
03573	1.1	.10	178	ND	7	ND	.01	.1	8	16	15884	6.25	.04	.01	26	5	.16	8	.01	12	ND	ND	23	ND	4	ND	ND	81
03574	8.1	.16	118	ND	13	ND	.01	.1	5	10	6182	4.66	.04	.01	14	13	.11	5	.01	14	ND	ND	23	ND	3	ND	ND	55
03575	1.4	.20	14	ND	4	ND	.02	.1	14	11	16387	7.84	.05	.02	19	11	.17	6	.01	23	ND	ND	ND	ND	3	ND	ND	31
03576	1.1	.12	16	ND	12	ND	.01	.1	6	18	8871	4.44	.05	.01	22	4	.08	4	.01	7	ND	ND	ND	ND	2	ND	ND	13
03577	1.1	.08	24	ND	160	ND	.01	.1	1	25	425	1.33	.03	.01	27	4	.02	6	.01	15	ND	ND	ND	ND	4	ND	ND	10
03578	3.5	.11	1096	ND	29	ND	.01	.1	3	18	5194	3.24	.04	.01	27	3	.06	10	.01	10	ND	ND	69	ND	2	ND	ND	23
03579	.5	.60	430	ND	4	3	.08	.1	11	11	15975	8.41	.05	.15	37	8	.17	10	.16	25	ND	ND	38	ND	5	ND	ND	41
03580	.8	.96	31	3	5	ND	.17	.1	16	13	22989	8.41	.05	.32	60	6	.20	11	.17	13	ND	ND	ND	ND	27	ND	ND	69
03581	1.4	.65	15	ND	9	ND	.15	.1	20	17	29009	6.25	.05	.29	43	9	.17	15	.15	17	ND	ND	ND	ND	78	ND	ND	70
03582	2.9	.22	102	ND	9	ND	.02	.1	15	27	38071	5.66	.05	.04	23	15	.16	11	.03	33	3	ND	11	ND	54	ND	ND	70
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

1.6270 ppm / 26m.

2.3 / 1.15

2.9 / 4.35

2.0

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 9101

REPORT#: 871213PA
JOB#: 871213
INVOICE#: 871213NA

DATE RECEIVED: 87/08/28
DATE COMPLETED: 87/09/21
COPY SENT TO:

ANALYST W. Rowe

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03519	.1	1.73	100	ND	85	ND	2.99	1.2	13	18	93	4.08	.06	1.54	1299	ND	.18	41	.14	55	ND	ND	48	ND	155	ND	ND	187
03520	.1	2.28	27	ND	88	ND	2.79	.1	11	9	71	4.32	.06	1.69	1297	ND	.14	15	.16	11	ND	ND	4	ND	171	ND	ND	88
03521	.1	2.21	56	ND	148	ND	1.69	.1	16	5	110	4.81	.06	1.34	1381	1	.16	15	.14	18	ND	ND	4	ND	99	ND	ND	113
03522	2.0	1.38	45	ND	63	ND	.86	.1	14	11	444	3.76	.07	.80	717	4	.10	17	.14	21	ND	ND	8	ND	42	ND	ND	64
03523	.7	1.13	55	ND	89	ND	1.14	.1	14	7	478	3.02	.07	.64	551	2	.08	10	.13	19	ND	ND	4	ND	55	ND	ND	47
03524	.1	1.59	80	ND	87	ND	.91	.1	12	15	218	3.56	.06	1.09	631	4	.10	23	.14	33	ND	ND	5	ND	45	ND	ND	58
03525	.2	1.31	41	ND	106	ND	.96	.1	12	12	153	2.18	.07	.87	774	6	.08	27	.14	31	ND	ND	3	ND	44	ND	ND	119
03526	.3	1.14	21	ND	94	ND	1.49	.5	10	12	253	2.15	.07	.69	779	7	.08	20	.12	50	ND	ND	ND	ND	65	ND	4	111
03527	.5	1.52	45	ND	66	ND	1.23	.1	10	13	318	3.87	.06	.99	857	5	.14	22	.11	58	ND	ND	ND	ND	55	ND	ND	139
03528	2.6	1.85	12	ND	57	ND	2.61	.1	12	6	190	4.38	.07	1.60	1440	ND	.13	6	.14	21	ND	ND	4	ND	121	ND	ND	64
03529	.1	1.55	17	ND	74	ND	2.23	.1	11	23	222	3.60	.07	1.24	955	4	.11	28	.12	15	ND	ND	ND	ND	101	ND	3	80
03530	.1	1.88	14	ND	69	ND	2.40	.1	11	25	157	3.88	.07	1.69	914	3	.12	26	.12	10	ND	ND	ND	ND	108	ND	3	67
03531	.1	1.45	11	ND	77	ND	3.24	.1	10	20	120	3.50	.07	1.30	870	3	.10	24	.13	10	ND	ND	ND	ND	155	ND	ND	46
03532	.1	1.29	11	ND	79	ND	3.85	.1	9	15	148	3.57	.06	1.52	1110	2	.11	17	.12	15	ND	ND	ND	ND	215	ND	ND	55
03533	.1	1.51	28	ND	81	ND	2.80	.1	10	15	100	3.68	.06	1.30	1239	2	.11	14	.10	14	ND	ND	ND	ND	130	ND	ND	65
03534	.1	1.22	32	ND	61	ND	3.19	.1	13	26	198	3.47	.08	.90	1392	5	.09	29	.16	19	ND	ND	ND	ND	118	ND	ND	55
03535	.1	1.34	35	ND	72	ND	2.23	.1	12	40	137	3.66	.07	1.10	762	8	.09	34	.10	8	ND	ND	ND	ND	86	ND	3	45
03536	.1	1.84	814	ND	80	ND	1.86	.1	13	36	161	4.35	.06	1.58	1014	2	.11	26	.14	9	ND	ND	6	ND	65	ND	ND	50
03537	.1	1.84	265	ND	83	ND	2.17	.1	13	25	175	3.99	.06	1.58	1109	2	.11	23	.13	11	ND	ND	4	ND	78	ND	ND	60
03538	.1	1.88	96	ND	64	ND	3.43	.1	10	48	103	4.01	.06	1.71	1379	1	.12	31	.15	5	ND	ND	15	ND	121	ND	ND	53
03539	.1	1.60	10	ND	66	ND	3.69	.1	10	24	157	3.81	.07	1.41	1334	3	.11	22	.14	6	ND	ND	34	ND	130	ND	ND	49
03540	.1	1.66	10	ND	68	ND	3.89	.1	7	24	97	3.74	.07	1.46	1448	2	.10	14	.14	6	ND	ND	26	ND	147	ND	ND	42
03541	.1	1.70	17	ND	65	ND	3.71	.1	10	19	119	3.72	.07	1.30	1649	4	.10	22	.11	7	ND	ND	42	ND	143	ND	ND	39
03542	.1	2.56	13	ND	66	ND	2.71	.1	9	24	111	4.50	.07	2.25	2343	2	.14	21	.12	3	ND	ND	13	ND	89	ND	ND	54
03543	.8	2.12	56	ND	87	ND	1.31	.1	7	21	515	4.82	.07	1.57	3147	4	.18	25	.15	19	ND	ND	17	ND	38	ND	ND	214
03546	>100	.59	629	ND	64	ND	.22	.1	6	16	3232	6.48	.06	.24	1557	34	.21	14	.08	85	ND	ND	1126	ND	17	ND	ND	271
03547	5.6	1.75	176	ND	96	ND	1.10	.1	14	20	1059	4.88	.08	1.17	5716	12	.22	39	.12	45	ND	ND	107	ND	38	ND	ND	335
03548	>100	.40	727	3	6	17	.23	1.1	7	20	26658	8.79	.05	.13	794	60	.41	15	.08	553	ND	ND	1141	ND	13	ND	ND	580
03549	36.4	1.75	199	ND	44	3	1.83	.1	12	16	1718	5.55	.07	1.01	3759	18	.17	27	.12	62	ND	ND	154	ND	65	ND	ND	158
03550	2.3	1.43	150	ND	69	ND	1.88	.1	11	13	427	3.90	.08	.78	2329	4	.12	24	.14	68	ND	ND	16	ND	70	ND	ND	133
03551	.3	1.28	244	ND	69	ND	3.68	.1	10	12	158	3.47	.09	.79	2437	4	.09	23	.12	27	ND	ND	12	ND	113	ND	ND	59
03552	.5	1.32	101	ND	82	ND	4.23	.1	10	11	145	3.18	.09	.75	1594	4	.10	22	.11	26	ND	ND	9	ND	145	ND	7	95
03553	.2	1.18	315	ND	90	4	1.22	.1	11	11	154	3.53	.07	.55	924	3	.12	23	.12	60	ND	ND	10	ND	36	ND	6	153
03554	.1	1.98	145	ND	141	6	1.36	.1	12	23	110	4.33	.08	1.20	1938	2	.12	25	.19	14	ND	ND	8	ND	42	ND	ND	113
03555	.1	1.61	473	ND	119	4	1.91	.1	13	19	143	4.10	.08	.98	1652	4	.11	25	.14	16	ND	ND	11	ND	53	ND	4	95
03556	2.6	.19	16	ND	443	ND	.04	.1	1	15	51	1.24	.05	.03	61	7	.01	3	.01	25	ND	ND	8	ND	13	6	7	13
03557	2.2	.10	25	ND	182	5	.01	.1	1	17	70	.93	.04	.01	39	20	.01	4	.01	21	ND	ND	26	1	4	5	6	14
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,TI,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 9101

REPORT#: 871213PA
JOB#: 871213
INVOICE#: 871213NA

DATE RECEIVED: 87/08/28
DATE COMPLETED: 87/10/14
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03544	>100	.83	544	11	15	ND	1.29	5.1	6	15	12189	8.80	.06	.43	5745	43	.48	10	.06	299	ND	ND	785	ND	48	ND	ND	865
03545	>100	.26	502	ND	19	4	.11	.5	3	14	6041	8.12	.07	.08	397	71	.24	11	.02	204	ND	ND	1846	1	7	ND	ND	281
03583	8.3	.18	933	ND	4	ND	.01	.3	10	23	21217	5.98	.06	.02	23	6	.24	10	.01	126	ND	ND	50	1	33	ND	ND	304
16747	8.2	1.74	47	ND	7	ND	.55	.1	29	13	2818	13.61	.05	1.13	543	11	.32	11	.18	24	ND	ND	5	ND	44	ND	ND	93
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871213 GA JOB NUMBER: 871213 WESTERN CON. MINING CORP.

SAMPLE #	Au ppb
03558	540
03559	420
03560	670
03561	390
03562	340
03563	240
03564	210
03565	380
03566	290
03567	230
03568	10
03569	nd
03570	nd
03571	180
03572	340
03573	nd
03574	600
03575	580
03576	1060
03577	660
03578	850
03579	300
03580	130
03581	440
03582	580
03583	1090
16747	700

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871254 GA JOB NUMBER: 871254 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
03584	360
03585	900
03586	640
03587	465
03588	370
03589	450
03590	630
03591	420
03592	360
03593	460
03594	nd
03595	nd
03596	240
03597	280
03598	220
03599	260
03600	150
03601	140
03602	225
03603	270
03604	370
03605	280
03606	470
03607	230
03608	300
03609	275
03610	205
03611	160
03612	250
03613	280
03614	10
03615	nd
03616	150
03617	200
03618	205
03619	220
03620	nd
03621	150
03622	120

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
03623	145
03624	110
03625	260
03626	550
03627	240
03628	320
03629	210
16848	11290
16852	130
16853	180
16854	150
16855	450
16856	130
16857	395
16858	385
16859	960
16860	29000
16861	3460
16862	3080
16863	30
16864	3700
16865	210
16866	120
16867	110
16868	4720
16869	595
16870	55
16871	540
16872	260
16873	240
16874	160
16875	270
16876	500

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871254 AA JOB NUMBER: 871254 WESTERN CDN. MINING CORP.

SAMPLE #	Au oz/st	
16848	.339	C-12 mL
16860	.989	L - 2 mL
16861	.117	
16862	.093	
16864	.108	
16868	.144	

DETECTION LIMIT .005

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

signed:

[illegible] OFFICE: 15[illegible] PEMBERTON AVE. N.VANCOUVER B.C. [illegible] 2S3 PH:(60[illegible])986-[illegible] TELEX 04-3[illegible]
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 9101

REPORT#: 871254PA
JOB#: 871254
INVOICE#: 871254NA

DATE RECEIVED: 87/09/03
DATE COMPLETED: 87/09/23
COPY SENT TO:

ANALYST [signature]

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03584	2.9	.94	12	ND	12	ND	.10	.2	20	17	14620	4.12	.08	.43	42	17	.12	20	.10	51	ND	ND	ND	ND	38	ND	ND	57
03585	4.9	.33	47	ND	9	ND	.01	.1	16	71	21341	4.99	.05	.03	15	10	.17	12	.01	25	ND	ND	7	ND	5	ND	ND	53
03586	4.4	.36	40	ND	8	ND	.01	.1	21	10	21895	5.68	.06	.03	12	13	.18	16	.01	17	ND	ND	11	ND	3	ND	ND	58
03587	2.4	1.03	18	ND	10	ND	.12	.1	19	45	17772	6.05	.06	.39	38	16	.18	14	.29	26	ND	ND	4	ND	302	ND	ND	42
03588	1.9	.23	103	ND	6	ND	.01	.1	18	11	15080	6.51	.05	.02	12	17	.19	14	.01	17	ND	ND	10	ND	32	ND	4	57
03589	1.9	.22	127	ND	5	ND	.01	.1	19	29	14107	6.24	.05	.02	25	19	.17	16	.01	14	ND	ND	11	ND	9	ND	ND	37
03590	5.1	.20	28	ND	6	ND	.01	.1	16	21	24845	6.26	.05	.02	21	23	.20	16	.01	30	ND	ND	10	ND	9	ND	ND	68
03591	2.2	.44	68	ND	9	ND	.02	.1	13	11	14827	5.11	.05	.07	26	19	.16	6	.03	81	ND	ND	9	ND	127	ND	ND	89
03592	2.2	.48	77	ND	7	ND	.14	.1	11	25	11368	5.60	.06	.02	19	12	.15	3	.15	23	ND	ND	14	ND	53	ND	ND	53
03593	1.7	.66	14	ND	19	ND	.21	.1	12	15	9620	4.62	.06	.19	137	10	.13	5	.13	9	ND	ND	5	ND	13	ND	ND	42
03594	.1	3.61	10	4	219	6	.46	.1	25	26	1197	3.05	.08	1.57	1413	6	.27	1	.17	1	ND	ND	ND	ND	29	ND	ND	175
03595	.1	3.67	22	4	170	ND	.43	.1	26	32	2071	8.99	.09	1.53	1360	9	.27	4	.18	14	ND	ND	ND	ND	35	ND	ND	163
03596	.7	2.03	23	3	16	3	.23	.1	23	32	9165	5.85	.06	.53	404	32	.20	40	.22	72	ND	ND	ND	ND	331	ND	ND	125
03597	1.1	1.58	19	ND	10	ND	.19	.1	32	42	10992	6.99	.07	.75	260	58	.23	61	.25	53	ND	ND	ND	ND	465	ND	ND	137
03598	1.5	1.25	65	ND	14	ND	.12	.1	27	26	11352	6.00	.07	.61	153	48	.27	41	.20	104	ND	ND	10	ND	668	ND	ND	314
03599	1.3	1.16	28	ND	12	ND	.11	.1	22	22	12250	5.45	.07	.66	167	49	.17	20	.19	28	ND	ND	4	ND	535	ND	ND	94
03600	1.2	1.01	17	ND	17	ND	.15	.1	21	14	10362	5.03	.08	.10	56	64	.13	6	.32	8	ND	ND	4	ND	660	ND	ND	43
03601	.7	1.94	19	ND	17	ND	.22	.1	17	20	7681	5.73	.07	1.13	350	31	.17	19	.29	ND	ND	ND	ND	ND	547	ND	ND	78
03602	2.4	.77	42	ND	8	ND	.03	2.1	22	30	6434	6.46	.08	.23	36	47	.19	38	.22	78	ND	ND	12	ND	331	ND	ND	171
03603	8.0	.86	682	ND	6	ND	.13	9.3	15	7	6530	5.92	.06	.10	46	11	.86	18	.14	666	ND	ND	105	ND	83	ND	ND	2005
03604	4.8	.59	400	ND	10	ND	1.14	5.0	22	43	3909	5.67	.03	.41	373	26	.60	23	.14	422	ND	ND	48	ND	20	ND	ND	1313
03605	1.2	.57	14	ND	7	ND	1.51	.1	31	40	4832	6.33	.10	.30	813	54	.22	40	.14	25	ND	ND	4	ND	34	ND	ND	211
03606	.7	.64	13	3	11	ND	1.63	.1	24	50	3065	7.03	.09	.23	859	29	.25	46	.18	17	ND	ND	4	ND	31	ND	ND	274
03607	2.0	.55	45	3	6	ND	1.79	.1	24	41	2346	8.06	.10	.31	850	50	.20	50	.15	28	ND	ND	19	ND	39	ND	ND	58
03608	.6	.67	13	[illegible]	15	ND	1.32	.1	24	54	2028	7.10	.09	.46	745	33	.18	50	.15	10	ND	ND	6	ND	29	ND	ND	65
03609	1.2	.60	13	ND	13	ND	.52	.1	33	17	4218	8.52	.08	.27	642	51	.25	61	.18	156	ND	ND	6	ND	15	ND	ND	196
03610	.4	1.10	30	ND	[illegible]	ND	.34	.1	29	14	7031	9.24	.07	.14	118	20	.25	36	.25	64	ND	ND	12	ND	193	ND	ND	133
03611	.4	.64	12	ND	10	ND	.28	.8	21	12	3365	7.48	.07	.14	480	41	.28	35	.16	33	ND	ND	6	ND	138	ND	ND	353
03612	1.6	3.44	120	ND	17	ND	.34	2.5	28	16	13309	7.72	.06	.03	903	50	.44	43	.40	113	ND	ND	27	ND	660	ND	ND	779
03613	2.0	1.07	59	3	17	ND	.37	20.5	31	19	5474	9.59	.07	.11	599	23	.43	57	.24	876	ND	ND	32	ND	279	ND	ND	3548
03614	.1	1.55	ND	ND	322	3	.49	.1	10	8	468	4.32	.07	.59	1448	3	.16	[illegible]	.08	3	ND	ND	ND	ND	35	ND	ND	270
03615	.1	.44	55	ND	9	ND	.68	.1	27	16	2265	9.55	.07	.06	692	28	.24	61	.16	25	ND	ND	24	ND	34	ND	ND	144
03616	.1	.36	39	3	8	ND	.32	.1	26	14	1620	9.63	.05	.16	540	19	.13	73	.15	8	ND	ND	17	ND	37	ND	ND	91
03617	.8	.33	60	ND	9	3	.21	2.4	25	21	2615	10.52	.07	.05	139	36	.45	58	.10	12	ND	ND	37	ND	28	ND	ND	685
03618	.4	.40	96	ND	4	ND	.13	.5	23	8	2132	9.03	.06	.14	345	24	.30	23	.12	11	ND	ND	35	ND	16	ND	ND	346
03619	.1	.52	22	ND	9	ND	.27	.1	15	13	3448	9.82	.06	.03	651	29	.26	24	.12	9	ND	ND	10	ND	12	ND	ND	172
03620	.1	.37	29	ND	14	ND	1.13	.1	18	34	1369	7.64	.08	.04	774	32	[illegible]	20	.12	6	ND	ND	9	ND	33	ND	ND	70
03621	.1	.38	38	ND	12	ND	.79	.1	20	42	2504	8.38	.07	.07	445	17	.20	22	.14	9	ND	ND	14	ND	29	ND	ND	93
03622	1.0	.80	37	3	10	ND	1.54	.1	20	10	1615	8.42	.08	.41	699	16	.22	24	.14	ND	ND	ND	39	ND	45	ND	ND	136
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03623	.6	.36	23	ND	6	ND	1.19	.5	22	8	1629	8.50	.08	.10	1042	15	.32	66	.14	37	ND	ND	12	ND	39	ND	ND	310
03624	.4	.38	43	ND	8	ND	3.09	.5	15	43	949	8.87	.10	.19	1076	12	.39	76	.12	50	ND	ND	22	ND	109	ND	ND	447
03625	.3	.84	18	ND	9	ND	2.48	.1	20	18	1490	7.56	.08	.83	1083	9	.29	66	.16	23	ND	ND	6	ND	85	ND	ND	235
03626	1.3	.82	22	ND	19	ND	1.28	.1	19	58	1266	7.45	.07	.71	820	6	.25	101	.15	23	ND	ND	7	ND	49	ND	ND	156
03627	1.0	1.85	18	ND	15	ND	1.36	6.3	27	34	1228	7.61	.07	2.12	2543	7	.94	36	.15	18	ND	ND	ND	ND	66	ND	ND	1720
03628	.9	2.25	9	ND	22	ND	2.10	3.5	22	60	717	6.40	.08	2.63	2836	7	.18	30	.15	8	ND	ND	ND	ND	110	ND	ND	2333
03629	2.9	2.34	242	ND	37	ND	2.15	20.3	21	12	591	6.81	.09	1.56	9536	ND	.75	19	.16	841	ND	ND	10	ND	131	ND	ND	3702
16848	1008	.97	198	13	12	ND	.06	15.7	10	23	96124	22.50	.03	.01	17466	166	.62	12	.01	568	ND	ND	18	ND	17	ND	ND	1996
16849	2.0	2.67	30	ND	28	ND	.32	.1	18	144	873	7.02	.06	2.44	2554	6	.24	87	.14	26	ND	ND	11	ND	7	ND	ND	111
16850	1.1	2.11	22	ND	31	ND	.66	.1	23	100	267	4.90	.05	1.80	2250	6	.18	55	.15	23	ND	ND	4	ND	11	ND	ND	124
16851	1.2	2.60	34	ND	39	ND	.60	.1	21	70	228	5.03	.05	2.36	2299	2	.23	40	.21	69	ND	ND	3	ND	12	ND	ND	198
16852	4.5	2.02	22	ND	23	ND	.57	.1	.7	37	1081	4.95	.06	1.47	3412	.1	.17	27	.17	31	ND	ND	5	ND	12	ND	ND	99
16853	.8	3.59	22	ND	34	ND	1.25	.1	21	45	242	6.02	.07	3.55	1551	1	.23	68	.41	2	ND	ND	ND	ND	69	ND	ND	173
16854	1.3	2.05	25	ND	43	ND	.46	.1	11	69	163	4.33	.06	1.52	1179	5	.13	45	.16	22	ND	ND	5	ND	18	ND	ND	86
16855	1.2	2.24	6	ND	53	3	.62	.1	15	84	173	4.29	.06	1.64	1632	3	.16	45	.17	19	ND	ND	3	ND	13	ND	ND	109
16856	2.6	1.89	292	ND	54	4	.40	.1	13	23	270	5.01	.08	1.38	1001	3	.16	17	.20	26	ND	ND	6	ND	8	ND	ND	94
16857	17.9	.53	187	23	37	3	.07	11.4	4	8	221	3.10	.07	.11	125	3	.53	9	.09	130	ND	ND	6	ND	7	ND	ND	1081
16858	6.5	.69	149	ND	40	ND	.11	3.4	4	39	224	2.48	.06	.16	182	12	.23	12	.08	72	ND	ND	5	ND	8	ND	ND	575
16859	4.2	1.26	497	ND	36	ND	.20	2.0	6	17	198	3.97	.06	.60	547	7	.34	15	.12	63	ND	ND	6	ND	10	ND	ND	573
16860	.4	4.13	37	ND	102	3	1.38	.1	25	52	165	6.23	.07	4.37	1349	ND	.29	31	.50	ND	ND	ND	ND	ND	80	ND	ND	251
16861	2.5	1.88	580	ND	35	3	.51	.1	15	58	159	3.67	.06	1.33	1143	6	.23	62	.16	32	ND	ND	4	ND	13	ND	ND	309
16862	1.5	1.45	85	ND	34	ND	.38	.2	15	44	221	3.84	.07	.38	880	5	.15	31	.14	26	ND	ND	4	ND	9	ND	4	141
16863	1.1	2.15	20	ND	53	ND	.25	.1	11	85	206	4.12	.06	1.61	1790	7	.16	54	.13	34	ND	ND	5	ND	9	ND	ND	116
16864	2.5	2.57	18	ND	59	ND	2.26	4.7	14	62	126	4.22	.08	2.13	6237	1	.52	68	.19	342	ND	ND	4	ND	50	ND	ND	870
16865	3.4	1.70	1892	ND	51	ND	.37	.1	11	38	167	3.80	.09	.88	875	2	.37	31	.14	34	ND	ND	7	ND	12	ND	ND	619
16866	1.7	2.03	50	ND	39	ND	.37	.1	11	54	167	4.36	.08	1.35	1222	6	.15	33	.15	22	ND	ND	5	ND	12	ND	ND	114
16867	.8	3.89	17	ND	33	3	1.46	.1	29	50	150	6.26	.08	4.21	1738	ND	.24	89	.50	ND	ND	ND	ND	ND	91	ND	ND	182
16868	3.1	1.74	213	ND	38	3	.48	.2	15	25	234	5.15	.07	1.14	1266	2	.23	25	.17	30	ND	ND	6	ND	12	ND	ND	226
16869	1.7	4.66	27	3	42	4	.97	.6	34	50	372	10.10	.08	4.20	4769	5	.51	52	.35	47	ND	ND	ND	ND	22	ND	ND	413
16870	1.7	2.17	32	ND	32	3	.49	.3	20	53	216	5.67	.06	1.71	1832	3	.19	40	.17	27	ND	ND	6	ND	11	ND	ND	82
16871	1.8	1.41	19	ND	21	ND	.52	.1	11	75	200	3.75	.07	.99	951	14	.10	47	.13	9	ND	ND	6	ND	9	ND	3	48
16872	2.5	1.33	30	ND	60	ND	.60	3.7	13	58	96	3.60	.08	.37	1716	3	.38	70	.14	126	ND	ND	7	ND	16	ND	ND	628
16873	1.7	2.18	95	ND	51	ND	.54	1.4	13	83	154	3.94	.06	1.95	3379	6	.28	67	.14	48	ND	ND	16	ND	17	ND	ND	359
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	3	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871215 GA JOB NUMBER: 871215 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
L 9250N - 10050W	630
L 9250N - 10075W	120
L 9250N - 10100W	480
L 9250N - 10125W	1320
L 9250N - 10150W	210
L 9350N - 9900W	60
L 9350N - 9925W	120
L 9350N - 9950W	225
L 9350N - 10050W	260
L 9375N - 10025W	310
L 9450N - 9875W	120
L 9450N - 9900W	110
L 9550N - 9875W	250
L 9550N - 9900W	165
L 9650N - 9875W	190
L 9650N - 9900W	760
L 9750N - 10050W	530
L 9750N - 10075W	400
L 9750N - 10100W	645
L 9775N - 9900W	300
L 9775N - 9925W	225
L 9775N - 9950W	300
L 9775N - 10050W	4800
L 9775N - 10075W	340
L 9800N - 10025W	340
L 9800N - 10050W	445
L 9800N - 10075W	520
L 9825N - 9950W	1380
L 9825N - 10050W	590
L 9850N - 10025W	260
L 9850N - 10050W	340
L 9850N - 10075W	370
L 9850N - 10100W	315
L 9875N - 9925W	1470
L 9875N - 9950W	210
L 9875N - 9975W	145
L 9875N - 10000W	350
L 9950N - 9800W	110
L 9950N - 9825W	120
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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

SAMPLE #	Au ppb
L 9950N - 9850W	920
L 9950N - 9875W	545
L 9950N - 9900W	525
L 9950N - 9925W	165
L 9950N - 9950W	380
L 9950N - 9975W	210
L 9950N - 10025W	445
L 9950N - 10050W	880
L 9950N - 10075W	380
L 9950N - 10100W	560
L 9950N - 10125W	70
L 9975N - 10000W	1080
L10000N - 10000W	460
L10000N - 10025W	550
L10000N - 10050W	275
L10000N - 10075W	460
L10000N - 10100W	200
L10000N - 10125W	260
L10000N - 10150W	410
L10000N - 10175W	150
L10000N - 10200W	140
L10000N - 10225W	790
L10000N - 10250W	830
L10025N - 10000W	350
L10050N - 9800W	55
L10050N - 9825W	50
L10050N - 9850W	70
L10050N - 9875W	400
L10050N - 9900W	350
L10050N - 9925W	115
L10050N - 9950W	400
L10050N - 9975W	635
L10050N - 10000W	1600
L10100N - 10131W	330
L10125N - 10000W	110
L10150N - 9800W	35
L10150N - 9825W	30
L10150N - 9850W	45
L10150N - 9875W	75
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871215 GA JOB NUMBER: 871215 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
L10150N - 9900W	80
L10150N - 9925W	170
L10150N - 9950W	250
L10150N - 10000W	205
L10175N - 10000W	400
L10200N - 10175W	340
L10200N - 10240W	300
L10200N - 10350W	470
L10225N - 10000W	550
L10250N - 9800W	30
L10250N - 9825W	100
L10250N - 9850W	55
L10250N - 9875W	135
L10250N - 9900W	170
L10250N - 9925W	90
L10250N - 9950W	300
L10250N - 10000W	1325
L10250N - 10025W	360
L10250N - 10050W	880
L10250N - 10100W	320
L10275N - 10000W	550
L10325N - 10000W	180
L10350N - 9800W	155
L10350N - 9825W	55
L10350N - 9850W	100
L10350N - 9875W	75
L10350N - 9900W	30
L10350N - 9925W	60
L10350N - 10025W	710
L10350N - 10050W	325
L10375N - 10000W	360

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JOHN KOWALCHUK
PROJECT: KERR 9101

REPORT#: 871215PA
JOB#: 871215
INVOICE#: 871215NA

DATE RECEIVED: 87/08/28
DATE COMPLETED: 87/09/21
COPY SENT TO:

ANALYST D. Rowes

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L9250N 10+050W	1.1	3.80	394	ND	22	ND	.40	.1	21	13	1684	14.27	.07	.67	1319	48	.33	6	.22	41	ND	ND	10	ND	15	ND	ND	99
L9250N 10+075W	.1	1.68	161	ND	34	ND	.07	.1	4	8	1243	15.40	.07	.24	613	16	.33	1	.15	11	ND	ND	4	ND	7	ND	ND	32
L9250N 10+100W	.1	4.73	897	ND	34	ND	.20	.1	79	11	2811	16.36	.09	1.09	3400	113	.43	16	.32	23	ND	ND	12	ND	22	ND	ND	241
L9250N 10+125W	.1	5.16	1731	ND	49	ND	.17	.1	71	21	2481	21.75	.12	1.07	2966	157	.54	17	.46	66	ND	ND	12	ND	35	ND	ND	270
L9250N 10+150W	1.5	.93	93	ND	164	ND	.08	.1	4	7	478	8.69	.06	.41	478	16	.18	3	.28	49	ND	ND	12	ND	25	ND	ND	63
L9350N 9-900W	.1	1.91	136	ND	149	ND	.52	.1	46	12	280	6.99	.06	.73	7788	9	.22	7	.20	54	ND	ND	ND	ND	65	ND	ND	214
L9350N 9-925W	.1	2.41	64	ND	46	3	.83	.1	25	21	308	8.87	.05	1.24	2421	2	.23	13	.28	25	ND	ND	ND	ND	50	ND	ND	116
L9350N 9-950W	1.8	1.36	63	ND	44	ND	.27	.1	5	15	203	4.57	.01	.39	508	7	.11	7	.20	30	ND	ND	4	1	67	ND	4	63
L9350N 10-050W	.8	.64	61	ND	333	ND	.01	.1	1	2	248	7.71	.05	.26	197	12	.16	ND	.28	125	ND	ND	18	ND	37	ND	ND	51
L9375N 10-025W	1.7	1.62	164	ND	162	ND	.06	.1	5	22	529	7.81	.06	.48	366	37	.15	3	.15	50	ND	ND	23	3	95	ND	ND	53
L9450N 9-875W	.1	3.42	254	ND	103	ND	.10	.1	29	10	297	7.91	.04	.61	5895	7	.21	8	.18	150	ND	ND	ND	ND	18	ND	ND	227
L9450N 9-900W	.1	2.84	258	ND	133	ND	.19	.1	24	8	253	7.15	.04	.59	4372	7	.22	6	.24	176	ND	ND	ND	ND	39	ND	ND	242
L9550N 9-875W	1.5	3.52	474	ND	140	ND	.16	.1	36	11	771	8.37	.06	1.03	8501	6	.41	12	.25	413	ND	ND	3	ND	27	ND	ND	576
L9550N 9-900W	2.4	3.00	430	ND	78	ND	.08	.1	13	11	577	8.12	.04	.44	2709	7	.23	7	.21	216	ND	ND	ND	ND	25	ND	ND	225
L9650N 9-875W	1.2	3.04	355	ND	99	ND	.14	.1	38	27	719	8.33	.05	1.10	5411	14	.31	19	.22	305	ND	ND	4	ND	28	ND	ND	430
L9650N 9-900W	5.1	3.58	506	ND	178	ND	.11	.1	54	37	1207	12.50	.09	1.39	5954	21	.44	33	.25	733	ND	ND	15	ND	52	ND	ND	574
L9750N 10-050W	3.4	.93	121	ND	473	ND	.04	.1	5	9	134	5.27	.04	.31	348	38	.11	3	.13	244	ND	ND	41	ND	46	ND	ND	73
L9750N 10-075W	1.1	1.50	65	ND	156	ND	.02	.1	1	9	149	3.23	.03	.22	119	33	.04	1	.06	109	ND	ND	10	ND	30	ND	3	41
L9750N 10-100W	2.1	.20	89	ND	332	ND	.01	.1	ND	ND	124	4.22	.03	.02	34	26	.07	ND	.16	105	ND	ND	28	ND	18	ND	7	17
L9775N 9-900W	.1	3.79	215	ND	83	ND	.17	.1	56	18	491	10.05	.04	.79	7122	17	.32	14	.26	139	ND	ND	ND	ND	16	ND	ND	336
L9775N 9-925W	.1	3.33	167	ND	100	ND	.13	.1	106	16	699	11.14	.05	1.07	11651	36	.38	25	.23	160	ND	ND	32	ND	13	ND	ND	464
L9775N 9-950W	1.1	2.97	191	ND	98	ND	.22	.1	42	25	840	9.45	.06	1.40	3949	17	.34	30	.16	101	ND	ND	ND	ND	42	ND	ND	490
L9775N 10-050W	4.9	.68	753	3	458	ND	.03	.1	4	7	270	6.32	.04	.19	335	24	.14	6	.14	258	ND	ND	300	1	47	ND	5	33
L9775N 10+075W	.6	1.33	164	ND	79	ND	.02	.1	1	9	460	11.62	.06	.22	188	42	.24	2	.21	190	ND	ND	35	ND	27	ND	ND	57
L9800N 10-025W	1.2	2.65	164	6	94	ND	.03	.1	7	14	205	9.47	.08	.39	.028	15	.19	5	.13	420	ND	ND	10	1	11	ND	ND	123
L9800N 10-050W	2.5	.71	119	ND	187	3	.02	.1	2	5	128	4.80	.02	.16	235	26	.09	2	.08	137	ND	ND	47	ND	27	ND	ND	55
L9800N 10-075W	2.4	.55	73	ND	363	ND	.02	.1	1	3	153	3.59	.02	.19	159	42	.07	2	.09	162	ND	ND	34	ND	64	ND	5	42
L9825N 9-950W	1.2	2.08	336	ND	89	ND	.08	8.5	101	12	1571	14.84	.09	1.07	12724	22	.77	33	.25	333	ND	ND	14	ND	10	ND	ND	1385
L9825N 10-050W	6.8	1.25	370	ND	156	ND	.05	.1	9	14	301	10.03	.04	.61	736	18	.25	9	.26	368	ND	ND	130	ND	20	ND	ND	157
L9850N 10-025W	.1	.68	210	ND	222	ND	.05	.1	1	13	275	17.66	.08	.26	363	12	.38	ND	.40	175	ND	ND	35	ND	17	ND	ND	73
L9850N 10-050W	1.2	1.18	110	ND	192	ND	.04	.1	8	15	178	7.90	.04	.22	827	14	.18	13	.19	188	ND	ND	16	ND	17	ND	ND	101
L9850N 10-075W	.3	.34	50	ND	171	ND	.01	.1	1	1	107	4.20	.02	.05	96	27	.08	ND	.09	180	ND	ND	26	ND	10	ND	4	29
L9850N 10-100W	.3	.20	80	ND	304	ND	.01	.1	ND	ND	104	3.34	.01	.01	44	19	.05	ND	.11	41	ND	ND	26	ND	10	ND	5	18
L9875N 9-925W	2.7	4.33	615	ND	162	ND	.10	22.2	173	23	1976	16.96	.12	1.10	28595	24	1.05	105	.27	486	ND	ND	63	ND	9	ND	ND	2134
L9875N 9-950W	.5	2.91	296	ND	100	ND	.22	2.2	35	16	469	6.42	.04	1.05	7023	12	.30	24	.14	317	ND	ND	7	ND	12	ND	ND	558
L9875N 9-975W	.1	2.42	127	ND	102	ND	.12	.1	30	32	214	6.71	.01	.84	4714	9	.21	17	.16	74	ND	ND	3	ND	9	ND	ND	194
L9875N 10-000W	7.1	2.40	134	ND	95	ND	.32	.1	16	36	312	8.87	.03	1.43	1405	12	.24	20	.24	240	ND	ND	9	2	37	ND	ND	202
L9950N 9-800W	2.4	2.12	529	ND	118	ND	.26	.1	26	25	293	6.94	.04	1.16	5716	4	.28	24	.23	221	ND	ND	5	ND	11	ND	ND	202
L9950N 9-825W	.1	1.58	342	ND	152	ND	.64	2.4	37	20	169	6.10	.02	1.02	7261	4	.31	21	.29	206	ND	ND	4	ND	20	ND	ND	519
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: WESTERN CANADIAN MINING JOB#: 871215 PROJECT: KERR 9101 REPORT: 871215PA DATE: 87/09/21

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L9950N 9-850W	2.6	2.23	2340	3	347	ND	.21	.1	64	19	437	11.06	.15	.77	13337	7	.54	56	.27	599	ND	ND	18	ND	11	ND	ND	977
L9950N 9-875W	6.3	2.36	3371	5	214	ND	.14	1.5	107	39	983	18.09	.19	.93	23089	9	.99	156	.30	931	ND	ND	54	ND	7	ND	ND	1801
L9950N 9-900W	2.0	4.83	1338	6	203	ND	.10	4.3	128	24	1676	14.65	.24	.91	29746	24	.85	177	.27	356	ND	ND	18	ND	7	ND	ND	1605
L9950N 9-925W	1.4	3.91	186	3	63	ND	.08	.1	12	12	136	5.98	.12	.34	2229	7	.12	12	.15	85	ND	ND	ND	3	6	ND	ND	194
L9950N 9-950W	2.6	3.28	163	3	44	ND	.43	.1	63	100	945	13.01	.13	1.45	5285	14	.37	53	.27	125	ND	ND	26	ND	10	ND	ND	197
L9950N 9-975W	2.1	2.79	134	7	19	ND	.05	.1	6	14	251	8.91	.17	.30	519	10	.16	5	.13	162	ND	ND	11	5	4	ND	ND	106
L9950N 10-025W	6.3	.91	206	4	105	5	.17	.1	10	29	270	16.80	.16	.69	522	7	.43	12	.38	446	ND	ND	19	3	29	ND	ND	223
L9950N 10-050W	.9	.24	113	3	176	ND	.01	.1	2	11	186	14.29	.16	.06	133	16	.31	5	.38	116	ND	ND	16	ND	8	4	ND	59
L9950N 10-075W	1.0	.20	98	ND	281	ND	.01	.1	2	2	97	10.69	.14	.04	51	11	.22	1	.28	103	ND	ND	24	ND	21	4	ND	30
L9950N 10-100W	1.9	.11	67	ND	446	3	.01	.1	1	1	69	5.86	.12	.01	25	81	.11	1	.22	120	ND	ND	28	1	21	3	ND	23
L9950N 10-125W	.1	.05	36	ND	115	ND	.01	.1	ND	ND	161	15.18	.14	.01	5	15	.33	ND	.16	36	ND	ND	14	ND	13	ND	ND	5
L9975N 10-000W	7.9	.49	174	ND	152	ND	.04	.1	14	10	257	9.93	.16	.16	2741	7	.32	11	.32	269	ND	ND	22	1	19	7	ND	321
L10000N 10-000W	2.3	1.32	281	ND	107	ND	.05	.1	12	20	277	9.97	.14	.44	1937	5	.30	10	.25	1326	ND	ND	13	ND	10	5	ND	257
L10000N 10-025W	2.8	1.93	280	ND	114	ND	.11	.1	20	17	311	8.45	.14	.74	2862	11	.25	14	.23	333	ND	ND	15	1	31	ND	ND	243
L10000N 10-050W	1.4	1.59	178	ND	65	ND	.04	.1	17	24	380	11.13	.14	.80	2812	16	.34	15	.25	220	ND	ND	14	ND	10	ND	ND	241
L10000N 10-075W	.1	.13	164	3	193	ND	.01	.1	2	6	304	19.45	.16	.03	104	12	.47	ND	.32	154	ND	ND	28	ND	6	ND	ND	44
L10000N 10-100W	.3	.16	211	ND	348	ND	.01	.1	1	4	189	13.60	.15	.02	32	15	.31	1	.30	58	ND	ND	35	1	18	ND	ND	11
L10000N 10-125W	.9	.17	166	ND	485	ND	.01	.1	2	1	93	7.50	.11	.01	45	12	.14	5	.29	112	ND	ND	34	2	31	ND	ND	19
L10000N 10-150W	3.1	.26	86	ND	746	ND	.01	.1	2	3	104	4.25	.09	.04	44	37	.07	4	.10	159	ND	ND	44	3	44	ND	3	29
L10000N 10-175W	.8	.58	77	ND	155	ND	.03	.1	2	6	133	4.86	.08	.27	245	23	.11	3	.11	56	ND	ND	15	1	14	ND	ND	41
L10000N 10-200W	1.1	.83	72	ND	263	ND	.09	.1	6	6	243	5.07	.09	.36	572	25	.12	7	.13	57	ND	ND	13	2	29	ND	3	85
L10000N 10-225W	5.2	.48	111	ND	546	ND	.03	.1	3	1	88	2.36	.09	.22	106	36	.03	3	.06	113	ND	ND	24	2	28	ND	4	43
L10000N 10-250W	2.0	1.61	26	ND	798	ND	.02	.1	2	13	90	4.88	.09	1.06	340	26	.17	17	.14	68	ND	ND	4	1	142	ND	ND	155
L10025N 9-800W	1.4	.31	183	7	112	ND	.02	.1	ND	6	296	23.83	.19	.07	214	10	.78	ND	.87	73	ND	ND	26	2	31	ND	ND	61
L10050N 9-800W	1.6	.92	330	ND	188	ND	.23	.1	30	6	192	7.55	.11	.30	7830	3	.38	28	.23	139	ND	ND	13	ND	14	ND	ND	488
L10050N 9-825W	1.2	1.09	292	ND	97	ND	.12	.1	16	16	84	4.32	.08	.53	3267	3	.21	21	.15	389	ND	ND	8	1	7	ND	ND	251
L10050N 9-850W	1.5	2.18	214	ND	92	ND	.23	.1	30	31	281	7.55	.10	1.30	5114	9	.33	27	.20	121	ND	ND	8	ND	11	ND	ND	295
L10050N 9-875W	.8	2.18	435	3	125	ND	.08	1.2	104	24	624	11.91	.13	1.13	15395	22	.69	113	.27	306	ND	ND	32	ND	14	ND	ND	798
L10050N 9-900W	2.4	2.36	1201	3	194	ND	.04	.1	90	23	852	12.69	.11	.83	14614	10	.77	105	.37	539	ND	ND	27	ND	8	ND	ND	909
L10050N 9-925W	.8	2.76	413	ND	88	ND	.08	.1	47	59	177	7.34	.08	2.05	12688	5	.39	38	.26	658	ND	ND	3	ND	6	ND	ND	332
L10050N 9-950W	2.2	2.18	465	ND	63	ND	.05	.1	15	16	315	7.51	.11	.63	3435	6	.36	23	.18	302	ND	ND	11	1	8	ND	ND	444
L10050N 9-975W	6.1	.72	172	ND	73	ND	.07	.1	16	24	301	10.68	.11	.33	3317	5	.42	14	.29	174	ND	ND	10	ND	7	ND	ND	332
L10050N 10-000W	2.9	.35	302	ND	90	ND	.02	.1	21	16	296	11.97	.11	.11	5390	7	.49	19	.24	205	ND	ND	47	ND	4	ND	ND	392
L10100N 10-131W	.9	.10	158	ND	293	ND	.01	.1	1	1	53	8.15	.09	.01	87	28	.20	ND	.38	66	ND	ND	26	1	34	ND	ND	21
L10125N-10-000W	1.8	.42	172	ND	46	ND	.03	.1	4	14	157	11.87	.09	.15	516	3	.37	5	.26	80	ND	ND	12	1	3	ND	ND	127
L10150N 9-800W	2.4	.69	295	ND	197	ND	.32	.1	28	5	180	8.22	.10	.25	3408	3	.28	80	.17	80	ND	ND	15	ND	17	ND	ND	198
L10150N 9-825W	.8	1.45	144	ND	109	ND	.12	.1	15	11	79	3.90	.06	.85	2650	5	.14	18	.14	62	ND	ND	6	1	5	ND	ND	124
L10150N 9-850W	.6	2.08	361	ND	129	ND	.09	.1	28	24	134	6.58	.09	.72	4564	5	.29	31	.13	87	ND	ND	19	ND	9	ND	ND	264
L10150N 9-875W	.5	1.75	323	ND	97	ND	.05	.1	16	17	109	6.31	.08	.32	2398	4	.26	30	.16	76	ND	ND	7	1	5	ND	ND	238
DETECTION LIMIT	.1	.01	3	3	1	1	.01	.1	1	1	1	.01	.1	.01	1	1	.01	1	.01	1	1	1	1	2	1	5	1	1

CLIENT: WESTERN CANADIAN MINING JOB#: 871215 PROJECT: KERR 9101 REPORT: 871215PA DATE: 87/09/21

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L10150N 9-900W	2.9	.78	1088	ND	279	ND	.02	.1	40	17	152	8.78	.03	.38	10313	2	.25	31	.30	593	ND	ND	23	ND	6	ND	ND	282
L10150N 9-925W	2.0	1.65	536	ND	145	ND	.05	.1	19	17	233	7.53	.02	.47	4058	2	.27	25	.21	431	ND	ND	12	ND	5	ND	ND	416
L10150N 9-950W	1.1	1.62	128	ND	94	ND	.06	.6	33	9	177	8.03	.01	.96	12131	1	.37	21	.21	1022	ND	ND	6	ND	10	ND	ND	625
L10150N 10-000W	2.0	.61	197	ND	83	3	.04	.1	6	16	201	10.12	.05	.36	1426	3	.28	14	.27	179	ND	ND	11	ND	8	ND	ND	278
L10175N 10-000W	2.4	.48	286	3	68	ND	.04	.1	7	21	233	17.40	.10	.23	1959	3	.41	9	.37	334	ND	ND	16	ND	6	ND	ND	220
L10200N 10-175W	.3	.12	223	ND	261	ND	.01	.1	ND	2	81	8.94	.06	.03	76	11	.17	2	.25	160	ND	ND	37	ND	23	ND	ND	20
L10200N 10-240W	.1	.42	96	ND	284	ND	.01	.1	2	3	416	14.26	.48	.14	250	32	.29	1	.45	112	ND	ND	25	ND	37	ND	ND	51
L10200N 10-350W	.2	.35	60	ND	388	ND	.02	.1	3	1	730	11.37	.05	.16	267	32	.23	2	.25	61	ND	ND	14	ND	28	ND	ND	31
L10225N 10-000W	.1	1.67	538	3	68	ND	.03	.1	41	15	452	11.52	.09	.47	10584	4	.37	30	.36	606	ND	ND	29	ND	6	ND	ND	495
L10250N 9-800W	.1	2.08	124	ND	199	3	.41	.1	22	9	131	5.67	.06	1.14	4002	ND	.15	24	.22	21	ND	ND	4	ND	20	ND	ND	129
L10250N 9-825W	.1	1.95	397	3	145	ND	.05	.1	92	44	866	13.35	.13	.72	16136	1	.37	54	.28	108	ND	ND	12	ND	4	ND	ND	327
L10250N 9-850W	.1	.76	346	ND	203	ND	.07	.1	24	7	159	5.77	.02	.28	8345	1	.22	46	.15	136	ND	ND	10	ND	9	ND	ND	355
L10250N 9-875W	.1	1.15	271	ND	228	ND	.17	.1	27	14	128	6.58	.01	.53	8493	ND	.21	28	.15	101	ND	ND	6	ND	9	ND	ND	234
L10250N 9-900W	1.0	.60	372	ND	272	ND	.05	7.0	29	6	210	7.29	.03	.20	11997	ND	.40	33	.19	1119	ND	ND	12	ND	4	ND	ND	769
L10250N 9-925W	.1	.73	113	ND	230	ND	.04	4.8	30	16	159	5.28	.03	.18	13695	ND	.34	54	.15	712	ND	ND	3	ND	9	ND	ND	713
L10250N 9-950W	5.5	.56	396	ND	125	ND	.04	.1	18	21	173	11.25	.06	.17	6164	2	.30	18	.37	1433	ND	ND	16	ND	9	ND	ND	251
L10250N 10-000W	1.5	.47	279	ND	118	ND	.04	.1	22	6	184	3.33	.04	.19	8424	ND	.28	9	.21	499	ND	ND	21	ND	10	ND	ND	315
L10250N 10-025W	.1	2.44	204	ND	202	ND	.05	.3	55	34	315	9.75	.02	1.35	12834	ND	.44	41	.24	315	ND	ND	ND	ND	5	ND	ND	609
L10250N 10-050W	16.4	.58	304	3	117	3	.01	.1	27	8	550	15.84	.05	.17	5056	1	.62	8	.43	640	ND	ND	13	ND	10	ND	ND	840
L10250N 10-100W	3.8	.75	121	ND	152	7	.05	.1	5	10	133	8.41	.02	.39	342	6	.22	13	.26	227	ND	ND	11	ND	29	ND	ND	168
L10275N 10-000W	4.4	.54	241	ND	49	ND	.09	.1	11	12	178	11.40	.04	.19	2612	2	.32	15	.26	581	ND	ND	15	ND	11	ND	ND	270
L10325N 10-000W	5.9	1.03	558	3	78	ND	.05	.1	101	29	455	13.65	.08	.21	20950	3	.50	20	.27	1041	ND	ND	14	ND	6	ND	ND	599
L10350N 9-800W	.1	1.43	363	ND	94	ND	.18	.1	24	13	449	3.50	.07	.34	3506	1	.26	39	.27	93	ND	ND	10	ND	16	ND	ND	326
L10350N 9-825W	.7	1.41	181	ND	192	ND	.14	.1	15	9	106	5.79	.06	.29	2533	ND	.16	27	.20	61	ND	ND	7	ND	10	ND	ND	199
L10350N 9-850W	.5	.96	363	ND	131	ND	.23	.1	30	13	168	7.76	.07	.32	4301	1	.21	64	.14	102	ND	ND	15	ND	18	ND	ND	215
L10350N 9-875W	1.3	.55	297	ND	170	ND	.22	.1	19	2	170	5.85	.06	.10	3154	ND	.15	21	.22	47	ND	ND	10	ND	10	ND	ND	85
L10350N 9-900W	.1	1.06	211	ND	197	ND	.06	.1	26	18	143	5.57	.07	.22	12058	1	.13	69	.16	73	ND	ND	9	ND	3	ND	ND	123
L10350N 9-925W	.1	1.70	431	ND	171	ND	.13	.1	36	21	160	8.64	.07	.78	8871	ND	.32	45	.23	163	ND	ND	9	ND	6	ND	ND	417
L10350N 10-025W	1.9	.27	327	3	99	ND	.02	.1	20	12	242	14.39	.08	.06	5343	1	.43	23	.36	676	ND	ND	38	ND	5	ND	ND	470
L10350N 10-050W	2.0	.74	202	ND	190	ND	.04	.1	42	12	265	10.12	.06	.36	16735	1	.24	20	.28	491	ND	ND	44	ND	5	ND	ND	345
L10375N 10-000W	3.8	1.01	497	ND	117	ND	.03	.1	43	27	244	10.61	.06	.24	10136	ND	.43	21	.27	827	ND	ND	17	ND	7	ND	ND	522
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871213 AB JOB NUMBER: 871213 WESTERN CDN. MINING CORP.

SAMPLE #	Cu %	Ag oz/st
03546	.33	3.77
03547	.19	.23
03548	2.61	12.20
03549	.11	.40
3570	.26	--
3571	.82	--
3572	1.34	--
3573	1.31	--
3574	.53	--
3575	1.35	--
3576	.80	--
3577	.03	--
3578	.42	--
3579	1.27	--
3580	1.75	--
3581	2.26	--
3582	.03	--
DETECTION LIMIT	.01	.01

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871213 GA JOB NUMBER: 871213 WESTERN CON. MINING CORP.

SAMPLE #	Au ppb
03519	nd
03520	10
03521	10
03522	95
03523	275
03524	120
03525	45
03526	40
03527	180
03528	140
03529	155
03530	45
03531	30
03532	160
03533	320
03534	155
03535	10
03536	80
03537	40
03538	40
03539	445
03540	nd
03541	75
03542	nd
03543	100
03544	20810
03545	3420
03546	2050
03547	300
03548	2600
03549	680
03550	140
03551	50
03552	nd
03553	nd
03554	15
03555	110
03556	570
03557	180

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: B71254 AB JOB NUMBER: B71254 WESTERN CDN. MINING CORP.

SAMPLE #	Cu %
3584	1.40
3585	1.89
3586	1.96
3587	1.65
3588	1.34
3589	1.33
3590	2.19
3591	1.33
3592	1.06
3593	1.01
3594	.11
3595	.20
3596	1.05
3597	1.03
3598	1.04
3599	1.15
3600	1.03

DETECTION LIMIT .01

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

signed: _____

CLIENT: WESTERN CANADIAN MINING-KERR JOB#: 871313 PROJECT: 9101 REPORT: 871313PA DATE: 87/10/05

SAMPLE NAME	AG PPM	AL %	AS PPM	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
KS 87-55	.2	2.40	185	ND	40	ND	.05	.1	65	81	351	15.59	.01	2.04	6904	3	.36	36	.45	207	ND	ND	12	ND	3	ND	ND	291
KS 87-56	2.7	1.93	207	ND	115	ND	.03	.1	40	36	314	10.24	.01	.94	6103	6	.25	15	.27	472	ND	ND	13	ND	5	ND	ND	247
KS 87-57	1.4	2.01	321	ND	108	ND	.03	.1	35	39	308	10.55	.01	.98	5515	6	.25	13	.26	489	ND	ND	13	ND	5	ND	ND	252
KS 87-58	3.9	2.39	220	ND	92	ND	.03	.1	17	19	269	8.18	.01	.43	3665	7	.18	9	.20	308	ND	ND	12	ND	6	ND	ND	166
KS 87-59	7.0	1.78	175	ND	124	4	.02	.1	31	31	326	9.84	.01	.77	5357	7	.25	13	.26	386	ND	ND	18	ND	9	ND	ND	262
KS 87-60	1.0	2.44	267	ND	30	3	.03	.1	110	54	255	13.77	.01	1.81	9133	2	.29	26	.53	252	ND	ND	22	ND	1	ND	ND	138
KS 87-61	.1	2.45	151	ND	87	3	.05	.1	64	57	215	8.99	.01	1.88	8912	2	.23	30	.23	321	ND	ND	9	ND	4	ND	ND	199
KS 87-62	15.6	1.75	229	ND	90	ND	.06	.1	18	14	191	7.58	.01	.53	4691	3	.19	6	.18	387	ND	ND	32	ND	5	ND	ND	222
KS 87-63	3.1	1.06	127	ND	89	ND	.02	.1	12	11	168	7.15	.01	.30	1949	6	.17	7	.19	254	ND	ND	16	ND	8	ND	ND	148
KS 87-64	.8	1.44	102	ND	380	ND	.01	.1	7	10	108	5.72	.01	.34	1890	14	.12	1	.16	188	ND	ND	17	ND	38	ND	ND	76
KS 87-65	.6	.71	131	ND	639	3	.01	.1	3	7	194	6.88	.01	.27	428	14	.14	4	.27	176	ND	ND	22	ND	87	ND	ND	103
KS 87-66	3.1	.82	413	ND	222	ND	.04	.1	14	7	230	5.38	.01	.29	1572	4	.13	5	.15	387	ND	ND	35	ND	32	ND	ND	129
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING-KERR
ATTENTION: JOHN KOWALCHUK
PROJECT: 9101

REPORT#: 871313PA
JOB#: 871313
INVOICE#: 871313NA

DATE RECEIVED: 87/09/11
DATE COMPLETED: 87/10/05
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
9575N 10625W	1.1	.86	106	3 *	158	ND	.02	.1	7	6	622	16.75	.08	.16	457	29	.35	3	.35	85	ND	ND	22	ND	10	ND	ND	108
9575N 10675W	6.1	.68	118	40	143	ND	.03	.1	4	7	368	17.28	.09	.30	475	34	.35	4	.55	123	ND	ND	18	ND	15	ND	ND	69
10325N 10300W	5.1	.32	31	ND	379	ND	.03	.1	1	4	307	4.09	.07	.16	59	19	.08	3	.13	103	ND	ND	16	ND	58	4	ND	43
10325N 10325W	3.3	.30	69	ND	420	ND	.01	.1	1	1	244	2.85	.06	.12	49	10	.06	ND	.07	60	ND	ND	18	ND	57	ND	ND	49
10325N 10350W	2.9	.49	164	ND	243	ND	.06	.1	1	4	378	8.95	.07	.30	109	13	.18	6	.77	79	ND	ND	25	ND	60	ND	ND	61
10325N 10375W	2.0	.73	76	ND	629	ND	.04	.1	1	1	158	3.87	.05	.51	126	8	.09	3	.22	62	ND	ND	18	ND	67	ND	3	68
10325N 10400W	2.0	.69	86	ND	523	ND	.05	.1	1	1	119	3.91	.05	.53	132	9	.09	2	.17	59	ND	ND	18	ND	80	ND	ND	60
10350N 10250W	.8	.37	59	ND	310	ND	.07	.1	1	1	167	5.18	.07	.16	85	19	.10	ND	.22	55	ND	ND	21	ND	100	ND	3	52
10350N 10275W	1.5	.70	46	ND	449	ND	.17	.1	6	2	121	5.76	.05	.52	155	22	.11	4	.18	51	ND	ND	19	1	74	ND	ND	60
10350N 10300W	3.5	.24	84	ND	290	ND	.01	.1	ND	2	420	5.21	.06	.12	41	18	.10	ND	.13	86	ND	ND	28	ND	45	ND	ND	42
10350N 10325W	2.1	.34	107	ND	252	ND	.01	.1	1	1	570	2.94	.05	.15	40	10	.06	2	.06	51	ND	ND	19	2	39	ND	3	41
10350N 10350W	2.4	.66	87	ND	446	ND	.09	.1	3	2	155	4.54	.04	.46	134	9	.10	2	.16	62	ND	ND	19	3	61	ND	4	61
10350N 10375W	1.7	.69	67	ND	462	ND	.06	.1	1	1	162	4.42	.05	.53	124	9	.10	2	.17	69	ND	ND	17	ND	73	ND	3	61
10350N 10400W	1.7	.64	70	ND	522	ND	.01	.1	ND	1	120	3.47	.04	.46	106	8	.08	ND	.11	54	ND	ND	19	ND	46	ND	3	56
10375N 10250W	1.3	.19	20	ND	590	ND	.02	.1	ND	ND	51	3.72	.05	.05	25	17	.07	ND	.20	31	ND	ND	15	ND	35	ND	ND	28
10375N 10275W	1.2	.31	51	ND	582	ND	.02	.1	1	ND	68	4.30	.06	.16	39	15	.08	ND	.21	52	ND	ND	19	ND	44	3	ND	42
10375N 10300W	3.0	.28	206	ND	624	ND	.02	.1	1	ND	75	2.48	.05	.13	29	15	.05	2	.11	79	ND	ND	25	ND	45	ND	4	33
10375N 10325W	2.2	.47	40	ND	394	ND	.04	.1	1	4	106	5.02	.07	.31	71	17	.10	4	.14	70	ND	ND	21	ND	60	ND	ND	45
10375N 10350W	2.0	.47	109	ND	437	ND	.01	.1	ND	5	158	6.70	.07	.22	86	12	.13	ND	.20	110	ND	ND	25	ND	84	ND	ND	52
10375N 10375W	1.8	.54	73	ND	494	ND	.04	.1	2	2	134	4.01	.04	.37	108	10	.08	1	.14	89	ND	ND	18	ND	56	3	ND	55
10375N 10400W(A)	1.8	.61	96	ND	328	ND	.04	.1	2	3	162	4.89	.04	.43	124	9	.11	11	.15	67	ND	ND	21	ND	47	ND	ND	61
10375N 10400W(B)	1.9	.59	92	ND	357	ND	.05	.1	2	3	150	5.64	.05	.42	120	9	.12	1	.20	71	ND	ND	22	ND	59	ND	ND	60
KS 87-38	2.6	1.48	54	ND	62	ND	.53	2.8	48	3	515	13.51	.09	.74	2749	4	.53	11	.33	37	ND	ND	17	ND	25	ND	ND	732
KS 87-39	2.6	2.05	688	ND	128	ND	.16	6.0	60	18	554	10.82	.08	1.06	5402	6	.48	62	.26	418	ND	ND	26	ND	9	ND	ND	745
KS 87-40	2.1	1.80	927	ND	120	ND	.29	.7	38	26	254	6.96	.06	1.22	3893	4	.33	88	.16	284	ND	ND	23	ND	17	ND	ND	505
KS 87-41	2.9	1.55	209	ND	127	ND	.06	.1	9	10	147	6.44	.05	.26	1037	8	.16	14	.14	125	ND	ND	20	ND	14	ND	ND	161
KS 87-42	.2	.95	113	ND	161	ND	.04	.1	2	15	185	12.96	.06	.27	262	11	.25	ND	.25	144	ND	ND	20	ND	15	ND	ND	63
KS 87-43	.2	1.81	162	ND	189	ND	.06	.3	26	14	293	8.70	.04	.55	4040	10	.37	16	.26	275	ND	ND	18	ND	41	ND	ND	543
KS 87-44	.9	1.31	184	ND	314	ND	.02	.1	8	14	279	9.90	.04	.32	1560	14	.22	6	.29	201	ND	ND	20	ND	94	ND	ND	131
KS 87-45	3.0	1.32	193	ND	316	ND	.02	.1	44	15	558	15.00	.08	.35	5133	9	.34	4	.48	283	ND	ND	18	ND	93	ND	ND	176
KS 87-46	1.6	1.14	178	ND	171	ND	.02	.1	50	18	380	15.15	.07	.58	5312	6	.41	8	.47	417	ND	ND	18	ND	20	ND	ND	355
KS 87-47	2.0	.97	603	3 *	166	ND	.02	.1	155	27	524	17.03	.09	.39	11249	37	.41	7	.49	1266	ND	ND	23	ND	14	ND	ND	271
KS 87-48	.1	1.35	149	3	102	ND	.01	.1	40	25	459	15.28	.05	.80	5089	6	.40	8	.44	841	ND	ND	17	ND	2	ND	ND	308
KS 87-49	2.0	.93	226	ND	144	ND	.01	.1	29	15	252	12.32	.07	.58	4503	4	.27	5	.39	415	ND	ND	19	ND	11	ND	ND	122
KS 87-50	1.5	1.39	212	ND	117	ND	.01	.1	44	21	271	11.29	.06	.70	6386	4	.26	4	.33	564	ND	ND	15	ND	9	ND	ND	164
KS 87-51	3.6	.58	216	ND	150	ND	.01	.1	12	21	207	11.93	.08	.24	2549	8	.25	5	.35	539	ND	ND	23	ND	18	3	ND	120
KS 87-52	.1	2.51	106	3 *	257	4	.05	.1	112	62	356	14.81	.07	2.21	15861	6	.39	43	.55	317	ND	ND	14	ND	4	ND	ND	248
KS 87-53	5.1	3.40	135	3 *	126	ND	.05	.1	121	38	708	11.91	.09	1.35	24626	4	.40	66	.27	393	ND	ND	5	ND	5	ND	ND	435
KS 87-54	.1	2.76	91	ND	539	ND	.12	2.3	91	50	601	12.85	.01	1.94	10539	6	.53	42	.42	1003	ND	ND	8	ND	17	ND	ND	700
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
KS 87 - 55	155
KS 87 - 56	465
KS 87 - 57	160
KS 87 - 58	215
KS 87 - 59	400
KS 87 - 60	120
KS 87 - 61	180
KS 87 - 62	265
KS 87 - 63	245
KS 87 - 64	385
KS 87 - 65	240
KS 87 - 66	340

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871313 GA JOB NUMBER: 871313 WESTERN CDN. MINING CORP.

SAMPLE #		Au ppb
9575N	10625W	2000
9575N	10675W	730
10325N	10300W	2120
10325N	10325W	1000
10325N	10350W	645
10325N	10375W	620
10325N	10400W	410
10350N	10250W	360
10350N	10275W	560
10350N	10300W	1500
10350N	10325W	900
10350N	10350W	710
10350N	10375W	600
10350N	10400W	805
10375N	10250W	1470
10375N	10275W	605
10375N	10300W	1330
10375N	10325W	780
10375N	10350W	660
10375N	10375W	765
10375N	10400W (A)	965
10375N	10400W (B)	620
KS 87 - 38		690
KS 87 - 39		945
KS 87 - 40		510
KS 87 - 41		510
KS 87 - 42		160
KS 87 - 43		800
KS 87 - 44		305
KS 87 - 45		320
KS 87 - 46		165
KS 87 - 47		440
KS 87 - 48		150
KS 87 - 49		80
KS 87 - 50		215
KS 87 - 51		525
KS 87 - 52		135
KS 87 - 53		570
KS 87 - 54		150
DETECTION LIMIT		5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871316 AA JOB NUMBER: 871315 WESTERN CDN. MINING CORP. PAGE 1 OF 1

SAMPLE #	Au oz/st
16648	.039
16650	.036
16913A	.102

Actual Assays

DETECTION LIMIT .005

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

signed: _____

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16634	.2	2.62	55	ND	173	3	.20	.1	9	21	410	6.59	.05	1.67	1353	3	.24	10	.17	27	ND	ND	ND	ND	7	ND	ND	185
16635	1.1	1.52	36	ND	206	ND	.13	.1	4	15	221	4.83	.06	.83	758	3	.15	7	.15	33	ND	ND	4	ND	6	ND	ND	110
16642	.8	1.76	137	ND	90	4	.60	.1	8	26	100	5.55	.06	1.18	754	1	.15	15	.30	21	ND	ND	7	ND	24	ND	ND	69
16643	1.6	.51	44	ND	153	6	.03	.1	2	7	45	2.43	.07	.17	311	2	.04	4	.07	64	ND	ND	5	ND	10	ND	5	32
16644	2.1	.30	53	ND	164	3	.07	.1	6	9	35	2.59	.08	.03	131	1	.06	2	.11	65	ND	ND	8	5	8	ND	4	17
16645	.3	.20	16	ND	933	ND	.01	.1	ND	4	182	3.74	.08	.01	69	13	.07	1	.03	13	ND	ND	6	ND	18	ND	3	4
16646	2.1	.08	16	ND	14	ND	.01	.1	6	28	9163	5.09	.05	.01	28	5	.12	6	.01	14	ND	ND	5	ND	6	ND	ND	17
16647	1.7	.24	13	ND	15	3	.03	.1	6	28	6226	4.07	.05	.08	41	2	.10	4	.02	10	ND	ND	4	ND	6	ND	5	16
16648	2.1	.32	18	ND	6	ND	.05	.1	12	14	9643	7.65	.05	.09	32	11	.19	5	.03	26	ND	ND	7	ND	9	ND	ND	20
16650	1.7	.27	35	ND	4	ND	.11	.1	20	24	19379	11.21	.06	.08	43	8	.28	6	.07	27	ND	ND	6	ND	13	ND	ND	24
16676	3.2	2.07	211	ND	31	ND	2.61	22.7	11	17	231	3.69	.06	1.83	11937	ND	1.53	12	.07	2895	ND	ND	ND	ND	48	ND	ND	3282
16913A	49.4	.77	368	ND	49	ND	.83	3.5	15	30	17140	2.77	.07	.43	2447	2	.41	65	.19	199	ND	ND	16	ND	25	ND	ND	801
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,TH,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 910N

REPORT#: 871316PA
JOB#: 871316
INVOICE#: 871316NA

DATE RECEIVED: 87/09/11
DATE COMPLETED: 87/09/23
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03685	.1	2.55	34	ND	47	3	3.72	.1	16	29	162	4.70	.05	2.18	4479	1	.18	12	.17	10	ND	ND	23	ND	67	ND	ND	109
03686	.1	2.71	36	ND	61	3	4.35	.1	17	31	155	4.75	.05	2.32	5288	2	.22	17	.18	13	ND	ND	5	ND	69	ND	ND	229
03687	.1	2.88	62	ND	116	ND	4.14	.1	17	30	103	4.46	.06	2.43	5047	ND	.26	16	.19	40	ND	ND	4	ND	103	ND	ND	347
03688	.1	2.67	54	ND	61	ND	2.43	.1	16	30	121	4.47	.06	1.97	3907	ND	.27	19	.21	2	ND	ND	4	ND	56	ND	ND	404
03689	.1	3.07	38	ND	55	ND	2.28	.1	17	28	106	5.06	.06	2.67	3455	ND	.26	17	.20	3	ND	ND	ND	ND	50	ND	ND	235
03690	.1	2.98	24	ND	41	ND	3.35	.1	17	29	121	4.90	.05	2.49	3395	ND	.17	17	.19	16	ND	ND	ND	ND	77	ND	ND	83
03691	.1	3.08	57	ND	41	ND	2.60	.1	16	19	114	7.37	.07	1.51	1904	4	.26	11	.18	10	ND	ND	5	ND	63	ND	ND	254
03692	.1	1.45	11	ND	35	ND	.95	.1	4	8	15	3.68	.04	.46	686	1	.11	ND	.06	11	ND	ND	5	ND	26	ND	ND	147
03693	.1	.91	11	ND	61	4	.76	.1	2	12	17	2.34	.05	.24	491	1	.08	ND	.03	19	ND	ND	4	ND	21	ND	ND	151
03694	.1	1.08	14	ND	33	3	.89	.1	3	10	14	2.79	.04	.32	628	1	.09	ND	.04	17	ND	ND	5	ND	30	ND	ND	143
03695	.1	2.37	9	ND	24	ND	1.57	.1	9	4	14	5.75	.07	.97	1135	2	.17	ND	.14	5	ND	ND	ND	ND	37	ND	ND	161
03696	.1	2.84	15	ND	28	ND	1.61	.1	11	1	19	6.66	.07	1.25	1357	3	.19	ND	.16	4	ND	ND	ND	ND	33	ND	ND	137
03697	.1	1.70	17	ND	77	ND	2.71	.1	16	9	507	4.09	.06	1.21	1636	5	.13	9	.16	7	ND	ND	4	ND	54	ND	ND	71
03698	.1	1.31	8	ND	61	ND	2.23	.1	16	7	526	2.92	.05	1.33	1658	4	.10	6	.15	15	ND	ND	ND	ND	51	ND	4	59
03699	.5	1.12	3	ND	77	3	1.21	.1	13	9	402	2.58	.03	1.00	1003	1	.09	2	.13	8	ND	ND	ND	ND	53	ND	ND	80
03700	.1	1.26	4	ND	52	3	1.68	.1	17	9	515	3.13	.03	1.16	1081	4	.10	9	.16	12	ND	ND	3	ND	77	ND	ND	57
03701	.1	1.17	7	ND	43	ND	.89	.1	21	15	710	4.05	.04	1.04	1035	8	.12	9	.15	22	ND	ND	5	ND	71	ND	ND	65
03702	.3	1.54	8	ND	49	4	.90	.1	18	13	576	3.41	.04	1.54	1107	3	.11	11	.17	11	ND	ND	3	ND	53	ND	3	77
03703	.4	1.34	3	ND	34	ND	.68	.1	16	14	509	3.15	.04	1.36	953	3	.09	9	.16	2	ND	ND	3	ND	39	ND	ND	52
03704	.1	1.44	4	ND	33	ND	1.66	.1	19	13	810	3.69	.04	1.45	1264	3	.12	10	.15	1	ND	ND	ND	ND	32	ND	ND	55
03705	.1	1.53	5	ND	27	3	1.73	.1	21	15	676	3.75	.05	1.36	1119	2	.11	16	.16	1	ND	ND	ND	ND	54	ND	3	49
03706	.3	1.19	ND	ND	32	ND	1.52	.1	19	12	577	3.01	.06	1.02	739	1	.08	11	.17	5	ND	ND	ND	ND	54	ND	ND	48
03707	.1	1.54	4	ND	29	ND	2.14	7.4	19	14	442	3.90	.06	1.53	1720	9	.39	14	.17	ND	ND	ND	ND	ND	41	ND	ND	710
03715	.1	2.21	9	ND	31	3	1.19	.1	20	16	154	4.15	.05	1.78	3245	2	.20	15	.19	24	ND	ND	ND	ND	23	ND	ND	252
03716	.1	1.89	11	ND	30	3	1.88	.1	20	18	152	4.54	.07	1.65	3322	6	.24	12	.18	19	ND	ND	ND	ND	28	ND	ND	283
03717	.1	1.74	7	ND	31	ND	3.71	.1	18	16	185	4.07	.08	1.51	3059	3	.18	9	.17	20	ND	ND	ND	ND	45	ND	ND	177
03718	.2	1.33	ND	ND	21	ND	2.90	.1	10	4	73	2.98	.07	1.05	2183	2	.15	1	.10	54	ND	ND	ND	ND	49	ND	ND	205
03719	.5	1.35	5	ND	33	3	.50	7.2	9	7	220	2.98	.08	.77	3438	24	.49	6	.12	61	ND	ND	3	ND	14	ND	ND	1958
03720	.1	1.36	ND	ND	28	ND	2.82	.6	10	5	62	3.17	.08	.78	2031	1	.19	ND	.11	43	ND	ND	ND	ND	45	ND	ND	316
16574	.3	2.72	6584	3	20	ND	.62	.1	31	34	618	10.90	.06	2.14	1452	23	.61	22	.24	9	ND	ND	15	ND	24	ND	ND	814
16575	.1	.60	79	5	10	ND	.03	.1	24	10	1212	26.43	.11	.31	159	57	.65	7	.01	18	ND	ND	14	ND	16	ND	ND	65
16626	.6	1.22	85	ND	46	ND	.29	.1	6	7	275	4.98	.07	.55	805	6	.14	ND	.16	9	ND	ND	6	ND	27	ND	ND	82
16627	.8	1.21	31	ND	162	3	.26	.1	4	4	276	3.44	.08	.55	751	4	.09	ND	.17	13	ND	ND	5	ND	8	ND	ND	61
16628	.4	1.67	59	ND	117	ND	.22	.1	5	6	171	4.50	.08	.75	1088	7	.14	7	.15	24	ND	ND	3	ND	6	ND	ND	106
16629	.9	.97	47	ND	119	ND	.21	.1	2	4	117	2.36	.07	.30	413	3	.07	ND	.17	18	ND	ND	5	ND	6	ND	5	48
16630	.4	1.07	94	ND	129	ND	.20	.1	2	5	97	3.69	.08	.37	434	3	.10	1	.19	50	ND	ND	5	ND	6	ND	ND	82
16631	.5	.83	56	ND	128	ND	.11	.1	2	4	121	3.54	.07	.25	308	2	.09	ND	.15	60	ND	ND	5	ND	7	ND	ND	48
16632	.4	.98	63	ND	130	ND	.19	.1	3	5	129	3.56	.07	.32	388	2	.09	1	.18	40	ND	ND	5	ND	8	ND	ND	67
16633	1.1	.80	38	ND	120	ND	.16	.1	6	4	297	3.14	.08	.27	329	2	.08	ND	.16	23	ND	ND	5	ND	5	ND	4	72
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: B71316 GA JOB NUMBER: 871316 WESTERN CON. MINING CORP.

SAMPLE #	Au ppb
16634	10
16635	100
16642	140
16643	40
16644	20
16645	130
16646	10
16647	970
16648	1225
16650	820
16676	10
16913A	3050

DETECTION LIMIT 5
nd = none detected — = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871316 GA JOB NUMBER: 871316 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
03685	10
03686	30
03687	125
03688	10
03689	5
03690	10
03691	25
03692	5
03693	nd
03694	750
03695	nd
03696	5
03697	nd
03698	nd
03699	nd
03700	10
03701	nd
03702	nd
03703	nd
03704	nd
03705	nd
03706	nd
03707	nd
03715	10
03716	nd
03717	10
03718	nd
03719	nd
03720	20
16574	nd
16575	410
16626	100
16627	55
16628	10
16629	130
16630	165
16631	60
16632	nd
16633	65
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871355 AA JOB NUMBER: 871355 WESTERN CON. MINING CORP.

SAMPLE #	Ag oz/st	Ag oz/st
17436	133.56	131.39
17437	5.41	--
17438	4.05	--
17439	9.01	--
16848	8.14	8.09 oz/ST
16860	.68	--
16861	.21	--
16862	.23	--
16864	.17	--
16868	.15	--
03544	4.17	--
03545	8.49	--

DETECTION LIMIT .01 .01

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871355 AB JOB NUMBER: 871355 WESTERN CDN. MINING CORP.

SAMPLE #	Ag oz/st
16848	8.09

DETECTION LIMIT .01

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

signed: _____

SAMPLE NAME	AG ppm	AL %	AS ppm	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
02569	.1	2.62	19	ND	27	ND	2.15	1.7	2	25	235	5.11	.04	2.78	4352	5	.24	21	.21	40	ND	ND	7	ND	39	ND	ND	431
02570	.1	2.48	17	ND	31	ND	1.89	5.6	17	38	195	5.27	.12	2.54	4451	4	.48	29	.19	46	ND	ND	3	ND	37	ND	ND	1229
02571	.1	2.54	14	ND	33	ND	2.01	.1	15	25	115	5.20	.04	2.40	4452	4	.19	18	.20	27	ND	ND	ND	ND	61	ND	4	246
02572	.1	2.42	13	ND	37	ND	2.47	.1	20	39	150	5.39	.16	2.22	4154	4	.20	21	.20	25	ND	ND	4	ND	58	ND	ND	270
02573	.1	2.41	8	ND	25	ND	2.87	2.2	17	30	143	4.75	.05	2.26	4573	2	.27	21	.20	31	ND	ND	ND	ND	59	ND	ND	558
02574	.1	2.50	13	ND	32	ND	2.21	1.2	17	23	131	5.14	.05	2.37	4425	3	.22	21	.19	52	ND	ND	3	ND	66	ND	3	293
02575	.1	2.61	18	ND	25	ND	1.40	2.1	19	34	160	5.25	.04	2.64	5251	2	.22	21	.19	62	ND	ND	5	ND	62	ND	ND	724
02576	.1	2.90	24	ND	29	4	1.35	27.5	7	75	151	5.57	.05	2.57	4785	4	1.75	23	.19	92	ND	ND	9	ND	36	ND	ND	5974
02577	.1	2.52	17	ND	25	ND	2.04	7.4	17	45	140	5.10	.14	2.51	4525	-	.51	21	.19	40	ND	ND	5	ND	40	ND	ND	1479
02578	.1	2.79	15	ND	39	ND	2.41	1.0	16	22	142	5.02	.04	2.51	4541	3	.22	18	.19	46	ND	ND	5	ND	54	ND	ND	290
02579	.1	2.87	17	ND	52	ND	2.72	.1	15	43	146	5.11	.05	2.70	5001	4	.17	24	.20	40	ND	ND	5	ND	48	ND	ND	192
02580	.1	2.81	22	ND	31	ND	2.29	.1	15	22	105	4.73	.04	2.62	4734	2	.15	19	.12	22	ND	ND	3	ND	90	ND	ND	121
02581	.1	2.92	20	ND	31	ND	2.39	.1	16	38	150	4.73	.03	2.69	4525	2	.16	21	.19	25	ND	ND	3	ND	69	ND	ND	124
02582	.1	2.74	22	ND	23	ND	2.31	.1	15	71	108	4.94	.02	2.66	4321	3	.15	19	.19	23	ND	ND	ND	ND	55	ND	ND	121
02583	.1	2.74	60	ND	28	ND	2.55	.1	18	29	124	4.59	.05	2.51	4535	2	.14	19	.18	20	ND	ND	2	ND	79	ND	3	105
02584	.1	2.75	40	ND	29	3	2.69	.1	17	36	157	4.30	.05	2.49	4655	2	.15	19	.18	12	ND	ND	ND	ND	70	ND	ND	104
02708	.1	1.16	105	ND	20	ND	1.81	.1	16	12	509	6.62	.09	.89	1401	10	.19	16	.15	15	ND	ND	ND	ND	21	ND	ND	211
02709	.1	1.99	20	ND	19	ND	3.03	.1	15	23	252	4.09	.13	2.09	2311	10	.14	12	.18	10	ND	ND	ND	ND	53	ND	ND	137
02710	.1	1.85	10	ND	24	4	1.61	.1	16	15	179	4.02	.02	1.91	2124	10	.12	12	.19	9	ND	ND	ND	ND	22	ND	ND	91
02711	.1	1.81	20	ND	22	ND	.86	4.3	15	15	212	4.39	.03	1.62	2454	8	.37	14	.19	19	ND	ND	ND	ND	13	ND	ND	1022
02712	.1	1.17	14	ND	21	ND	.95	.3	16	14	295	3.90	.04	1.01	1660	10	.16	32	.16	74	ND	ND	ND	ND	13	ND	5	212
02713	.1	1.62	12	ND	25	ND	.97	1.1	7	17	137	3.59	.03	1.26	2129	10	.15	18	.19	23	ND	ND	ND	ND	12	ND	ND	294
02714	.1	2.11	18	ND	21	2	1.44	4.5	19	20	196	4.72	.04	1.96	2734	7	[illegible]	17	.19	24	ND	ND	3	ND	22	ND	ND	2090
16569	22.9	1.41	39	9	73	5	.77	8.0	9	21	318	3.59	.04	1.04	332	7	.54	27	.12	1092	ND	ND	9	ND	25	ND	ND	1704
16570	20.8	1.07	97	ND	97	ND	.19	.1	3	25	203	2.75	.04	.42	2919	12	.10	20	.14	60	ND	ND	42	ND	5	ND	ND	115
16571	4.2	.42	162	ND	31	ND	.12	.1	1	20	93	2.33	.02	.09	335	6	.05	4	.12	39	ND	ND	2	ND	4	3	4	45
16572	3.1	.78	280	ND	84	ND	.15	.1	4	12	189	2.09	.03	.27	990	7	.08	13	.12	99	ND	ND	9	ND	4	ND	ND	105
16573	.5	.57	1056	ND	95	ND	.14	.1	2	31	96	2.43	.02	.20	465	10	.05	6	.11	63	ND	ND	24	ND	4	ND	ND	40
16636	.1	.73	75	ND	81	ND	.20	.1	4	7	249	3.48	.04	.30	464	4	.09	2	.16	10	ND	ND	ND	ND	6	ND	2	34
16637	.1	.59	90	ND	94	ND	.18	.1	2	4	139	2.29	.03	.25	507	5	.08	3	.17	13	ND	ND	ND	ND	12	ND	3	82
16638	.1	1.19	83	ND	93	ND	.22	.1	11	8	275	5.49	.06	.43	1120	5	.13	4	.19	14	ND	ND	3	ND	14	ND	ND	151
16639	.1	.79	55	ND	77	ND	.20	.1	5	5	155	3.47	.04	.12	695	4	.09	2	.17	14	ND	ND	ND	ND	7	ND	ND	75
16640	.1	.58	78	ND	97	ND	.13	.1	1	8	97	2.12	.02	.17	299	2	.05	ND	.17	18	ND	ND	ND	ND	14	ND	ND	31
16641	.1	.48	70	ND	91	ND	.14	.1	ND	5	34	1.20	.02	.13	225	10	.05	1	.16	11	ND	ND	ND	ND	22	ND	ND	20
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	2	1

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR NA,K,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,ZR AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION:
PROJECT: KERR 9101

REPORT#: 871374PA
JOB#: 871374
INVOICE#: 871374NA

DATE RECEIVED: 87/09/18
DATE COMPLETED: 87/09/25
COPY SENT TO:

ANALYST

SAMPLE NAME	MO ppm	AL %	AS ppm	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	TI %	W ppm	ZN ppm
03630	.1	.25	190	ND	26	ND	1.37	.1	12	5	232	4.74	.06	.34	3985	1	.20	9	.15	119	ND	ND	11	1	21	ND	ND	374
03631	.1	.22	56	ND	29	ND	1.45	.1	12	5	74	4.27	.05	.41	3914	1	.15	6	.17	95	ND	ND	3	ND	43	ND	ND	295
03632	.1	.24	94	ND	25	ND	2.02	1.6	11	24	87	4.49	.06	.68	5311	1	.25	2	.16	226	ND	ND	4	ND	52	ND	ND	1069
03633	.1	.26	121	ND	23	ND	1.70	.1	12	32	125	4.81	.05	.46	4588	1	.24	4	.17	190	ND	ND	5	ND	45	ND	ND	614
03634	.3	.26	197	ND	19	ND	1.24	.5	13	5	134	4.42	.06	.32	3570	1	.27	5	.17	147	ND	ND	9	ND	41	ND	ND	792
03635	.7	.22	112	ND	25	ND	1.59	.1	12	21	106	4.46	.05	.45	4859	1	.26	5	.16	153	ND	ND	9	ND	40	ND	ND	723
03636	1.2	.01	ND	ND	ND	ND	.06	.2	ND	ND	13	.14	.03	.01	140	ND	.01	2	.01	8	ND	ND	3	ND	1	25	ND	ND
03637	.1	.22	114	ND	29	ND	1.31	.1	12	6	70	4.57	.05	.33	2119	ND	.15	4	.16	112	ND	ND	6	1	24	ND	ND	605
03638	.4	.25	77	ND	31	ND	1.32	.3	12	26	95	4.28	.07	.23	2425	2	.24	3	.17	137	ND	ND	4	1	42	ND	ND	719
03639	3.4	.21	118	ND	25	ND	1.06	1.7	12	5	198	4.20	.05	.28	2111	ND	.36	7	.17	233	ND	ND	8	ND	26	ND	ND	1239
03640	1.6	.20	133	ND	28	ND	1.46	2.0	10	5	117	4.64	.07	.40	3419	ND	.29	3	.15	284	ND	ND	5	ND	37	ND	ND	1278
03641	.2	.29	61	ND	20	ND	1.83	2.3	12	32	93	4.28	.07	.13	1633	1	.38	3	.16	302	ND	ND	5	ND	58	ND	ND	1226
03642	.1	2.90	27	ND	45	ND	1.26	.1	25	75	364	5.99	.05	2.76	3297	9	.18	36	.14	25	ND	ND	15	ND	39	ND	ND	214
03643	1.1	2.56	53	ND	40	ND	.41	.1	23	75	450	5.67	.05	2.28	3583	9	.17	33	.14	35	ND	ND	20	ND	8	ND	ND	220
03644	1.0	2.39	24	ND	30	3	.86	.1	27	82	457	6.12	.09	2.24	2502	11	.15	34	.13	45	ND	ND	19	2	14	ND	ND	139
03645	.2	2.23	15	ND	28	ND	1.02	.1	25	73	370	5.02	.08	2.11	2241	11	.13	39	.14	26	ND	ND	15	2	16	ND	ND	127
03646	4	2.32	14	ND	25	ND	.62	.1	22	58	309	4.52	.07	2.18	2251	8	.12	40	.14	23	ND	ND	13	4	10	ND	ND	121
03647	.3	2.09	9	ND	19	ND	.60	.1	24	50	328	4.59	.06	1.95	2029	7	.11	36	.14	24	ND	ND	14	2	9	ND	ND	114
03648	.7	2.30	10	ND	21	3	.65	.1	22	86	491	4.86	.08	2.26	2254	6	.15	41	.16	32	ND	ND	13	ND	13	ND	ND	248
03649	.5	2.05	17	ND	19	ND	.84	.1	27	122	598	4.72	.09	1.94	2855	9	.11	69	.24	27	ND	ND	15	1	25	ND	ND	76
03650	.8	2.09	109	ND	32	3	.79	.1	25	116	871	5.53	.08	2.31	3521	12	.16	101	.23	44	ND	ND	19	1	24	ND	ND	217
03651	.2	2.26	558	ND	54	ND	1.06	.1	27	86	510	5.72	.10	1.94	3216	19	.21	97	.17	35	ND	ND	25	1	20	ND	ND	442
03652	.1	3.45	87	ND	25	ND	2.71	.1	29	113	156	6.49	.12	3.51	2601	8	.19	123	.39	12	ND	ND	16	1	153	ND	ND	223
03653	.3	1.88	24	ND	25	4	.96	.1	27	56	278	5.16	.10	1.54	1521	5	.10	41	.16	14	ND	ND	15	1	17	5	ND	48
03654	.7	1.08	10	ND	26	ND	.63	.1	16	55	166	3.14	.11	.84	836	19	.05	36	.14	9	ND	ND	10	1	13	14	ND	14
03655	.1	1.29	15	ND	30	ND	1.04	.1	19	48	149	3.70	.09	1.01	916	11	.06	46	.23	9	ND	ND	10	1	23	4	ND	31
03656	.5	1.09	11	ND	25	ND	.57	.1	21	49	148	3.93	.11	.97	847	3	.06	46	.18	12	ND	ND	13	3	16	10	5	32
03657	.5	1.01	13	ND	39	ND	.45	.1	17	56	157	3.47	.11	.91	740	5	.05	38	.15	8	ND	ND	10	2	12	12	3	23
03658	.1	1.46	10	ND	35	ND	2.02	.1	11	21	40	3.85	.11	1.22	1490	3	.08	9	.14	10	ND	ND	10	2	39	4	ND	55
03659	.1	1.22	ND	ND	30	ND	1.17	.1	8	6	220	3.31	.01	1.05	1414	2	.09	7	.12	6	ND	ND	5	ND	22	ND	ND	72
03660	.1	1.24	8	ND	40	ND	1.02	.1	8	8	212	3.37	.01	.96	1507	4	.12	7	.11	46	ND	ND	6	ND	18	ND	ND	234
03661	.1	1.72	19	ND	28	ND	.91	.1	12	30	211	3.87	.02	1.56	1576	8	.13	21	.19	36	ND	ND	7	ND	26	ND	ND	217
03662	.1	1.23	3	ND	29	ND	.72	.1	11	9	267	3.68	.02	1.10	1340	4	.10	19	.12	30	ND	ND	7	1	16	ND	ND	149
03663	.1	1.17	5	ND	33	ND	2.45	.1	8	34	224	2.88	.02	.90	1609	7	.09	13	.11	49	ND	ND	4	ND	25	ND	ND	93
03664	.1	2.45	16	ND	25	ND	2.06	.1	17	23	235	5.11	.02	2.48	2568	12	.15	20	.19	12	ND	ND	9	1	32	ND	ND	129
03665	.1	2.04	9	ND	20	ND	3.61	.1	15	38	220	4.91	.03	2.09	3141	10	.15	20	.18	18	ND	ND	6	ND	61	ND	ND	125
03666	.1	2.04	9	ND	19	ND	3.98	.1	14	40	152	4.42	.02	2.05	3631	6	.13	18	.19	9	ND	ND	6	ND	75	ND	ND	95
03667	.1	2.40	7	ND	21	ND	2.99	.1	17	30	127	5.00	.02	2.39	3599	4	.14	21	.19	8	ND	ND	7	ND	51	ND	ND	95
03668	.1	2.43	9	ND	26	ND	2.72	.4	16	39	171	5.14	.03	2.49	4060	8	.24	24	.19	13	ND	ND	9	ND	46	ND	ND	555
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871374 GA JOB NUMBER: 871374 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
03670	nd
03671	nd
03672	nd
03673	nd
03674	10
03675	175
03676	520
03677	170
03678	nd
03679	nd
03680	nd
03681	nd
03682	nd
03683	nd
03684	50
03708	470
03709	nd
03710	nd
03711	nd
03712	nd
03713	nd
03714	nd
16569	410
16570	1440
16571	1230
16572	300
16573	545
16636	nd
16637	30
16638	15
16639	20
16640	240
16641	70

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871374 GA JOB NUMBER: 871374 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
03630	365
03631	180
03632	290
03633	345
03634	890
03635	650
03637	335
03638	135
03639	1680
03640	460
03641	85
03642	25
03643	450
03644	90
03645	30
03646	nd
03647	nd
03648	160
03649	60
03650	150
03651	465
03652	60
03653	180
03654	235
03655	160
03656	nd
03657	5
03658	nd
03659	nd
03660	nd
03661	nd
03662	nd
03663	nd
03664	nd
03665	nd
03666	nd
03667	nd
03668	nd
03669	nd
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: REJECT AU** BY FIRE ASSAY

DATE RECEIVED: SEPT 2 1987 DATE REPORT MAILED: Sept 14/87 ASSAYER..D. Toye..DEAN TOYE. CERTIFIED B.C. ASSAYER

WESTERN CANADIAN PROJECT-KERR #9101 File # 87-3861

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** OZ/T
16539	23	3367	4722	5034	186.5	7	3	403	2.62	42	5	61	1	28	26	161	2	7	.59	.013	2	2	.06	41	.02	2	.14	.02	.06	11	1.855
16772	16	1688	21	40	.2	1	3	2	53.49	94	5	ND	4	6	1	2	19	103	.01	.257	2	4	.05	50	.01	2	.17	.02	.04	2	.008
16773	6	581	238	133	4.3	1	2	461	11.42	134	5	ND	1	18	1	531	2	62	.04	.152	3	10	.49	260	.02	3	1.00	.01	.28	1	.015
16787	9	139	41	137	34.8	7	2	147	3.87	109	5	25	1	8	1	3	3	32	.09	.080	2	16	.17	46	.08	2	.48	.01	.20	1	.795
16834	2	431	114	143	6.9	6	5	604	14.71	207	5	ND	2	4	1	146	2	52	.08	.198	4	23	.52	108	.01	3	.87	.01	.14	1	.011
17014	2	611	46	492	4.6	58	24	1420	8.77	283	5	3	1	34	1	21	2	10	.93	.153	2	5	.25	11	.01	4	.35	.02	.18	2	.083
17015	2	968	36	1555	4.0	112	19	2885	6.41	345	5	ND	1	50	5	32	2	9	1.57	.144	2	17	.44	18	.01	5	.29	.02	.15	1	.017
17016	2	678	42	135	6.4	67	12	8613	9.12	427	5	ND	1	83	1	22	2	14	2.54	.115	2	5	1.19	16	.01	2	.26	.03	.12	1	.038
17071	2	6467	[illegible]	[illegible]	[illegible]	[illegible]	19	2703	14.41	[illegible]	5	ND ✓	1	51	3	116	2	8	1.18	.126	2	10	.41	10	.01	4	.25	.02	.16	1	.033
17072	2	3790	[illegible]	[illegible]	[illegible]	[illegible]	21	3745	12.95	[illegible]	5	ND ✓	1	66	1	42	2	15	1.59	.139	2	1	.77	7	.01	8	.35	.03	.16	1	.007
17161	1	599	161	629	4.3	43	18	1627	6.97	418	5	ND	1	21	3	21	2	10	.73	.138	2	4	.14	14	.01	3	.32	.02	.18	1	.056
17162	1	226	135	821	1.2	4	13	635	5.65	298	5	ND	1	17	4	12	2	10	.59	.154	3	1	.07	18	.01	3	.36	.02	.20	1	.023
17163	1	177	165	482	1.8	3	12	387	5.09	284	5	ND	1	14	3	13	2	9	.47	.151	3	1	.06	17	.01	3	.35	.01	.19	1	.041
17164	1	272	116	338	3.3	19	14	50	6.05	218	5	ND	1	24	2	18	2	9	.46	.161	2	2	.02	12	.01	3	.28	.01	.16	1	.020
17165	1	317	81	597	4.0	4	12	645	5.22	229	5	2	1	13	3	24	2	9	.51	.132	2	1	.09	16	.01	3	.31	.01	.16	1	.084
17197	4	105	306	1991	1.6	116	19	12027	4.46	36	5	ND	1	88	8	3	2	21	3.48	.133	4	57	1.42	43	.01	2	.80	.02	.13	1	.002

SAMPLE NAME	AG PPM	AL %	AS PPM	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
16580	7.0	3.13	54	ND	29	ND	.31	3.7	51	39	>10%	4.40	.01	.26	1195	20	.49	14	.02	33	ND	ND	ND	ND	27	ND	ND	155
16581	1.2	2.34	11	ND	29	5	.76	3.3	19	4	2217	5.89	.05	1.92	1678	3	.40	8	.21	18	ND	ND	ND	ND	15	ND	ND	602
16649	1.5	.40	31	ND	4	ND	.15	.1	13	87	6174	9.93	.05	.14	80	17	.25	ND	.10	65	ND	ND	11	ND	14	ND	ND	45
16677	.1	.28	16	ND	118	ND	.01	.1	ND	25	2287	31.50	.09	.04	22	20	.73	ND	.06	22	ND	ND	21	ND	4	ND	ND	13
16778	1.3	1.37	ND	ND	19	5	.18	.1	64	11	1324	10.60	.05	1.24	691	389	.28	44	.11	9	ND	ND	8	ND	6	ND	ND	56
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
04229	1.2	.44	66	ND	25	ND	.32	.1	24	22	476	7.10	.07	.10	239	5	.17	25	.16	23	ND	ND	64	ND	15	ND	ND	90
04230	1.3	.42	47	ND	46	ND	.32	.1	11	3	677	5.52	.07	.13	282	4	.14	22	.13	15	ND	ND	149	ND	16	ND	ND	94
04231	.1	.74	33	ND	19	ND	2.88	.1	12	38	915	7.72	.12	.98	2320	4	.23	29	.11	9	ND	ND	11	ND	126	ND	ND	153
04232	.4	.95	41	ND	20	ND	1.01	.1	26	9	1180	9.20	.09	.58	945	4	.23	27	.13	7	ND	ND	8	ND	41	ND	ND	82
04233	23.5	.18	348	ND	86	ND	.93	3.8	8	99	2570	2.51	.06	.17	830	7	.21	9	.06	107	ND	ND	544	ND	60	ND	ND	426
04234	>100	.07	1696	ND	26	ND	.32	57.9	5	35	22009	1.36	.04	.05	568	3	1.11	8	.01	52	ND	ND	8935	1	18	ND	ND	2822
04235	3.5	1.27	78	ND	17	ND	.42	.1	23	26	690	9.81	.05	1.07	532	18	.25	24	.13	14	ND	ND	124	ND	12	ND	ND	90
04236	17.5	.92	42	ND	51	ND	2.36	.4	24	17	12272	9.13	.07	1.47	1641	20	.31	28	.13	58	ND	ND	79	ND	182	ND	ND	196
04237	5.3	.93	5658	ND	70	ND	.90	.1	22	13	3903	5.49	.07	.32	466	9	.18	20	.15	72	ND	ND	37	ND	29	ND	ND	160
04238	>100	.45	1018	4	31	26	2.64	91.7	10	52	75553	7.32	.05	.21	3333	19	2.21	18	.02	1422	ND	ND	15670	1	39	ND	ND	5147
04239	71.9	.43	39	ND	57	ND	1.28	3.2	12	74	11612	3.42	.05	.20	749	5	.17	17	.11	31	ND	ND	291	ND	60	ND	ND	212
04240	9.1	1.59	4052	ND	48	ND	.40	.1	20	38	2695	6.50	.06	.88	605	19	.19	24	.17	132	ND	ND	96	ND	9	ND	ND	125
04241	>100	.71	178	45	50	ND	.96	108.3	15	12	6947	4.52	.06	.33	741	15	5.51	14	.11	33780	ND	ND	46	ND	26	ND	ND	14494
04242	9.3	1.86	84	ND	49	ND	.82	3.9	20	26	2868	6.74	.04	1.37	948	14	.42	21	.14	1216	ND	ND	16	ND	22	ND	ND	714
04243	2.9	1.24	632	ND	64	ND	.36	.1	21	63	2566	5.67	.03	.42	371	16	.15	18	.16	83	ND	ND	13	ND	4	ND	ND	78
04244	7.1	1.84	1463	ND	15	ND	.34	.1	26	20	7535	12.11	.03	.87	774	9	.34	12	.13	85	ND	ND	70	ND	14	ND	ND	191
04245	3.9	1.64	1333	ND	102	3	.31	.1	9	24	2061	5.74	.01	.89	663	10	.17	7	.13	28	ND	ND	19	ND	8	ND	ND	92
04246	1.0	1.54	116	ND	98	3	.43	.1	17	44	1426	4.65	.03	.71	643	10	.13	13	.14	16	ND	ND	6	ND	11	ND	ND	56
04247	1.6	1.34	2008	ND	87	ND	.35	.1	12	25	790	5.98	.04	.44	477	4	.19	12	.18	52	ND	ND	13	ND	10	ND	ND	179
04248	.2	.75	287	ND	29	ND	.40	.1	17	6	283	5.43	.06	.19	201	2	.12	9	.19	52	ND	ND	9	ND	4	ND	ND	27
04249	51.4	1.63	100	ND	113	ND	.52	.2	14	62	1005	4.68	.03	.84	692	8	.13	16	.16	24	ND	ND	95	ND	11	ND	ND	81
04250	2.6	.96	162	ND	62	ND	1.05	.1	14	2	426	4.04	.04	.38	407	8	.13	5	.17	339	ND	ND	4	ND	33	ND	ND	118
04251	.3	.25	21	ND	32	ND	3.49	.1	17	51	1416	5.53	.09	.11	2080	25	.12	27	.07	12	ND	ND	ND	ND	219	ND	ND	17
04252	5.1	.27	18	ND	51	ND	.06	.1	5	81	161	3.09	.05	.03	59	29	.05	6	.06	125	ND	ND	12	ND	73	ND	4	12
04253	.4	.65	7	ND	64	ND	3.18	.1	12	6	1354	3.64	.09	.39	1620	45	.11	12	.13	17	ND	ND	3	ND	297	ND	3	92
04254	2.8	.36	14	ND	51	ND	1.37	49.3	16	54	3957	3.71	.05	.16	1212	57	2.49	23	.13	73	ND	ND	4	ND	84	ND	ND	6432
04255	2.5	.34	74	ND	44	ND	.34	.2	27	ND	2586	4.93	.02	.03	47	63	.14	23	.20	35	ND	ND	38	ND	10	ND	ND	132
04256	.1	.21	108	ND	5	ND	.03	.1	164	63	740	24.05	.06	.06	72	43	.49	33	.01	58	ND	ND	26	ND	2	ND	ND	60
04257	4.8	.25	420	ND	23	ND	.19	.1	31	6	18149	8.87	.01	.03	29	228	.28	17	.11	59	ND	ND	100	ND	45	ND	ND	203
04258	.1	.29	63	ND	5	ND	.10	.1	24	45	977	13.39	.01	.11	27	31	.33	57	.06	16	ND	ND	16	ND	11	ND	ND	185
04259	.1	.21	46	ND	11	ND	.02	.1	22	51	815	12.94	.01	.04	15	25	.28	51	.01	17	ND	ND	12	ND	6	ND	ND	57
04260	.1	.12	42	ND	3	ND	.01	.1	5	95	265	28.19	.03	.03	20	23	.55	6	.01	144	ND	ND	17	ND	3	ND	ND	22
04261	15.5	2.34	1271	ND	55	ND	.38	7.1	13	12	739	7.85	.01	1.71	3219	6	.61	12	.22	5545	ND	ND	10	ND	11	ND	ND	1146
04262	.1	3.32	227	ND	53	ND	2.68	.6	21	9	191	5.45	.02	3.15	7179	2	.28	17	.19	202	ND	ND	ND	ND	68	ND	ND	312
04263	.8	2.80	149	ND	74	ND	2.60	7.9	15	8	119	4.81	.05	2.26	6582	ND	.52	13	.18	738	ND	ND	ND	ND	71	ND	ND	1035
04264	9.6	2.31	463	ND	58	ND	.38	14.7	14	14	205	6.71	.02	1.69	3367	1	.81	8	.21	3904	ND	ND	5	ND	11	ND	ND	1756
16576	4.3	.82	42	ND	7	ND	.09	.1	9	117	21864	11.55	.03	.30	158	15	.30	6	.05	48	ND	ND	6	ND	6	ND	ND	120
16578	1.2	2.20	47	3	26	ND	5.88	71.1	22	42	811	5.32	.09	1.68	3640	2	2.73	3	.20	442	ND	ND	ND	ND	72	ND	ND	6964
16579	.1	1.11	7	ND	41	3	.72	1.1	12	16	341	3.76	.01	.93	979	4	.15	6	.16	19	ND	ND	ND	ND	27	ND	ND	187
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03838	.1	1.41	148	ND	75	ND	1.92	.1	9	23	177	3.76	.08	1.06	800	2	.10	15	.10	5	ND	ND	15	ND	88	ND	ND	62
03839	.1	1.26	125	ND	117	ND	1.47	.1	9	7	144	2.82	.09	.74	554	2	.07	21	.12	36	ND	ND	10	ND	68	ND	ND	54
03840	.1	1.26	263	ND	87	ND	1.07	.1	11	23	215	3.42	.08	.60	432	4	.08	29	.12	13	ND	ND	13	ND	46	ND	ND	47
03841	.1	.97	185	ND	76	ND	1.03	.1	10	6	306	2.94	.07	.44	386	5	.07	34	.10	18	ND	ND	12	ND	45	ND	ND	42
03842	.1	1.23	126	ND	61	ND	.97	.1	13	17	419	4.07	.07	.51	409	11	.09	31	.13	11	ND	ND	14	ND	42	ND	ND	30
03843	.1	1.31	267	ND	100	ND	.85	3.2	13	9	347	3.40	.08	.62	463	12	.26	39	.13	24	ND	ND	13	ND	35	ND	ND	582
03844	11.1	1.33	158	3	53	ND	.58	2.3	14	25	274	4.23	.09	.61	461	15	.20	47	.14	662	ND	ND	15	ND	20	ND	ND	346
03845	.3	1.40	131	ND	82	ND	.74	.1	14	9	175	3.73	.09	.76	561	16	.12	44	.14	51	ND	ND	13	ND	27	ND	ND	158
03846	.2	1.41	62	ND	96	ND	1.59	.1	9	17	249	3.43	.10	.85	643	9	.12	20	.11	26	ND	ND	11	ND	68	ND	ND	131
03847	.1	1.27	36	ND	95	ND	1.97	.1	11	31	207	3.20	.12	.84	575	5	.07	20	.10	4	ND	ND	11	ND	83	ND	ND	35
03848	.2	1.06	97	ND	74	ND	.98	.1	14	6	188	3.25	.11	.49	331	15	.07	38	.13	9	ND	ND	20	ND	43	ND	ND	26
04201	6.8	2.31	75	ND	190	ND	1.01	.1	13	13	535	3.56	.08	1.52	4337	2	.18	15	.11	12	ND	ND	12	ND	51	ND	ND	240
04202	>100	.92	223	6	18	5	.10	14.2	11	37	31581	12.76	.11	.29	20812	114	.76	17	.05	477	ND	ND	44	ND	33	ND	ND	1331
04203	46.4	.45	209	ND	74	ND	.04	.1	3	8	1130	7.61	.08	.10	624	82	.17	17	.10	119	ND	ND	49	ND	7	ND	ND	111
04204	13.8	.78	216	4	117	4	.10	.1	5	18	385	4.99	.11	.30	850	53	.11	16	.11	61	ND	ND	24	1	4	5	ND	81
04205	10.2	1.82	125	9	182	ND	.95	.8	15	28	1006	3.64	.13	1.10	3575	4	.17	29	.13	21	ND	ND	27	ND	34	ND	ND	287
04206	>100	.45	484	15	94	20	.06	25.7	4	7	4343	8.03	.14	.08	1273	41	.49	13	.02	387	ND	ND	6135	ND	16	ND	ND	995
04207	>100	.41	212	8	89	7	.02	.4	2	32	735	6.18	.14	.03	501	292	.13	10	.03	462	ND	ND	303	ND	7	7	ND	115
04208	97.9	.90	219	4	136	3	.12	.1	4	18	666	5.76	.14	.30	2289	76	.12	14	.14	96	ND	ND	86	ND	9	ND	ND	77
04209	>100	.68	2234	ND	51	ND	.18	1.3	9	1	2905	4.33	.13	.15	522	22	.14	12	.11	153	ND	ND	645	ND	27	3	ND	173
04210	13.7	.46	1173	ND	110	ND	.08	.1	2	17	420	3.27	.06	.05	116	15	.06	14	.11	45	ND	ND	38	ND	23	ND	ND	14
04211	10.9	.63	1522	ND	85	ND	.13	.1	9	17	2966	4.22	.07	.11	403	19	.15	10	.11	132	ND	ND	37	ND	18	ND	ND	194
04212	16.1	.69	2294	ND	80	ND	.24	.4	7	ND	2576	4.55	.08	.13	466	32	.25	11	.18	761	ND	ND	39	ND	43	ND	ND	452
04213	>100	.77	4301	ND	69	ND	.27	.1	7	ND	2949	5.29	.08	.14	1105	22	.17	9	.18	578	ND	ND	718	ND	33	ND	ND	189
04214	21.5	.50	1167	ND	80	ND	.08	.1	5	ND	3063	3.91	.07	.07	207	21	.08	8	.09	144	ND	ND	43	ND	18	ND	ND	27
04215	16.5	.61	951	ND	96	ND	.24	.1	4	10	1418	4.40	.08	.06	161	18	.13	8	.24	2465	ND	ND	32	ND	62	ND	ND	151
04216	8.0	.68	1015	ND	91	ND	.14	.1	3	ND	1262	3.30	.06	.12	454	12	.09	6	.11	88	ND	ND	31	ND	16	ND	ND	77
04217	18.1	.63	1056	ND	123	ND	.09	.1	5	ND	1722	4.07	.05	.08	751	16	.11	7	.09	151	ND	ND	39	ND	14	ND	ND	85
04218	30.8	.44	528	ND	89	ND	.08	.1	5	17	1998	2.67	.04	.03	80	12	.07	10	.06	302	ND	ND	38	ND	12	ND	ND	41
04219	15.2	.88	1410	ND	74	ND	.28	.6	10	15	1939	3.82	.07	.26	2123	12	.24	9	.11	562	ND	ND	141	ND	16	ND	ND	423
04220	43.5	1.23	907	ND	70	ND	.52	.1	12	ND	1799	4.60	.05	.58	2149	8	.16	11	.12	156	ND	ND	175	ND	17	ND	ND	161
04221	1.4	3.78	43	5	23	ND	5.08	.1	22	42	3427	11.82	.09	4.56	2547	3	.38	25	.11	13	ND	ND	5	ND	99	ND	ND	126
04222	1.0	.33	44	ND	94	ND	.13	.1	6	101	336	3.02	.05	.10	124	9	.07	12	.07	21	ND	ND	14	1	6	ND	ND	25
04223	12.4	.35	58	ND	29	ND	.47	.1	15	9	6341	6.00	.07	.13	523	4	.16	22	.13	13	ND	ND	20	ND	32	ND	ND	74
04224	7.9	.21	84	ND	79	ND	.16	.6	2	113	674	1.20	.02	.02	345	5	.04	10	.04	25	ND	ND	130	ND	8	ND	ND	65
04225	2.2	.16	41	ND	91	ND	.63	.1	4	12	1831	1.80	.03	.11	1091	2	.06	13	.03	15	ND	ND	47	ND	47	ND	ND	62
04226	2.2	.30	89	ND	26	ND	1.34	.1	13	56	5803	5.66	.07	.44	1018	10	.18	24	.09	27	ND	ND	77	ND	127	ND	ND	113
04227	.1	1.97	64	ND	99	ND	1.31	.1	7	33	127	3.86	.05	1.49	2011	2	.13	8	.12	2	ND	ND	9	ND	35	ND	ND	61
04228	1.9	1.04	44	ND	20	ND	.35	.1	25	16	790	6.86	.06	.67	445	4	.18	29	.17	10	ND	ND	18	ND	9	ND	ND	56
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03799	.1	1.46	147	ND	176	ND	.35	.1	12	18	491	3.23	.02	.70	562	3	.09	4	.14	14	ND	ND	9	ND	14	ND	ND	90
03800	.5	1.49	95	ND	95	ND	.85	3.1	11	21	237	3.97	.07	.90	782	3	.19	10	.10	298	ND	ND	12	ND	38	ND	ND	326
03801	11.9	1.14	360	ND	74	ND	1.30	4.4	11	6	300	3.77	.12	.59	793	5	.30	15	.13	2885	ND	ND	26	ND	53	ND	ND	667
03802	.7	.75	249	ND	32	ND	.37	.2	22	46	246	4.07	.09	.14	329	4	.12	15	.15	64	ND	ND	13	1	15	ND	ND	152
03803	.1	.81	392	ND	45	ND	.47	.1	25	8	219	4.03	.08	.17	330	3	.09	23	.16	19	ND	ND	20	ND	14	ND	ND	44
03804	.1	1.33	217	ND	134	ND	.40	.1	36	36	197	3.46	.10	.30	482	5	.09	35	.17	9	ND	ND	10	ND	13	ND	ND	91
03805	.1	1.11	174	ND	32	ND	.41	.2	54	10	304	5.19	.09	.29	362	5	.12	54	.13	19	ND	ND	12	ND	13	ND	ND	59
03806	.1	1.61	367	ND	50	ND	.98	.1	33	38	437	5.09	.12	.89	734	7	.15	19	.15	16	ND	ND	18	ND	35	ND	ND	107
03807	2.6	1.15	961	ND	10	ND	.22	.1	30	10	4194	9.96	.09	.47	316	53	.26	10	.10	46	ND	ND	36	ND	28	ND	ND	143
03808	3.4	1.03	807	ND	16	ND	.29	.1	21	64	4033	8.77	.10	.33	287	25	.21	3	.14	32	ND	ND	32	ND	75	ND	ND	73
03809	5.2	.61	3313	ND	24	ND	.23	.1	20	6	3596	6.22	.12	.15	186	16	.16	3	.10	61	ND	ND	78	ND	22	ND	ND	91
03810	1.5	1.06	20718	ND	54	ND	8.39	.1	10	14	1420	6.21	.20	.47	2806	6	.16	2	.07	35	ND	ND	472	ND	207	ND	ND	78
03811	.6	.99	3781	ND	42	ND	.65	.1	19	49	983	4.54	.12	.32	562	8	.11	9	.14	22	ND	ND	113	ND	25	ND	ND	70
03812	5.0	.92	885	ND	39	ND	.30	.9	18	13	10366	4.97	.11	.26	238	18	.16	1	.14	21	ND	ND	37	ND	31	ND	ND	135
03813	5.0	.94	629	ND	45	ND	.44	1.0	19	8	9570	4.46	.12	.27	238	14	.17	4	.22	26	ND	ND	27	ND	41	ND	ND	175
03814	4.8	1.42	490	ND	40	ND	.39	2.2	23	10	6841	5.93	.12	.61	514	19	.23	9	.19	38	ND	ND	18	ND	25	ND	ND	257
03815	5.7	1.07	3043	ND	38	ND	.46	.2	22	7	5472	5.44	.13	.39	598	13	.19	9	.14	49	ND	ND	79	ND	23	ND	5	188
03816	98.0	.80	1863	ND	48	ND	1.30	2.3	16	5	7791	4.84	.14	.29	1230	29	.19	4	.10	83	ND	ND	172	ND	51	ND	48	216
03817	64.2	.65	2189	ND	34	ND	.47	2.3	18	25	8275	4.92	.12	.19	796	25	.25	5	.10	416	ND	ND	115	1	25	ND	ND	345
03818	54.1	.91	2255	ND	32	ND	.22	.1	16	17	6981	4.86	.11	.49	3904	25	.23	3	.05	123	ND	ND	118	ND	15	ND	ND	300
03819	2.0	2.11	227	ND	107	ND	1.11	.1	13	20	406	4.48	.11	1.20	1109	4	.16	27	.15	28	ND	ND	17	ND	58	ND	ND	149
03820	.3	1.89	72	ND	121	ND	2.45	.1	14	9	135	4.04	.18	1.05	1225	2	.12	26	.15	23	ND	ND	17	ND	131	ND	ND	92
03821	.3	1.38	757	ND	97	ND	2.55	.1	14	14	114	3.91	.17	1.30	842	2	.12	33	.13	18	ND	ND	17	ND	169	ND	ND	91
03822	.7	1.13	142	ND	84	ND	3.48	.1	16	15	118	4.00	.17	1.32	1093	2	.13	35	.14	21	ND	ND	28	ND	185	ND	ND	98
03823	.3	2.10	71	ND	70	ND	2.54	.1	13	12	92	4.09	.15	1.65	1074	3	.13	3	.15	29	ND	ND	20	ND	159	3	ND	113
03824	.1	3.50	86	ND	89	ND	3.00	.1	19	15	104	6.41	.15	2.43	1565	3	.24	14	.13	18	ND	ND	ND	ND	232	ND	ND	158
03825	2.8	1.52	753	ND	73	ND	1.48	.1	20	22	1216	4.39	.14	.72	662	6	.13	13	.19	19	ND	ND	27	ND	129	ND	ND	76
03826	1.0	1.79	198	ND	99	ND	.50	.1	23	14	236	4.48	.12	.72	650	2	.12	21	.12	14	ND	ND	9	ND	26	ND	ND	65
03827	2.1	1.88	149	ND	58	ND	.53	.1	26	28	703	5.35	.11	.94	890	5	.17	12	.14	33	ND	ND	13	ND	26	ND	ND	108
03828	8.6	.58	152	ND	26	ND	.29	5.5	28	2	3553	3.85	.12	.10	113	19	.42	8	.15	57	ND	ND	18	1	23	ND	ND	779
03829	2.3	1.03	90	ND	34	ND	.42	.1	24	13	1967	3.76	.12	.30	332	23	.10	4	.11	19	ND	ND	10	ND	29	ND	3	63
03830	2.0	1.45	280	ND	65	ND	.57	2.4	17	16	456	3.89	.13	.55	397	6	.21	18	.13	70	ND	ND	10	ND	35	4	ND	304
03831	.9	1.63	291	ND	73	ND	1.00	.1	14	11	271	4.41	.14	.88	545	11	.10	19	.12	25	ND	ND	8	1	47	3	ND	36
03832	.4	1.56	459	ND	112	ND	1.09	.1	12	16	179	3.62	.11	.79	520	9	.08	22	.11	17	ND	ND	8	ND	50	ND	ND	31
03833	.4	1.71	380	ND	124	ND	1.18	.1	12	9	196	3.71	.10	.89	627	5	.10	23	.12	12	ND	ND	5	ND	55	ND	ND	46
03834	.3	1.40	182	ND	70	ND	1.20	.1	12	25	178	3.66	.11	.69	487	4	.08	19	.12	16	ND	ND	9	ND	50	ND	ND	27
03835	.4	1.24	192	ND	118	ND	1.35	.1	13	9	160	3.12	.10	.63	429	4	.08	21	.12	17	ND	ND	9	ND	70	ND	ND	34
03836	.4	.93	135	ND	129	ND	1.20	.1	11	11	185	2.99	.11	.49	498	6	.08	21	.15	13	ND	ND	15	ND	68	ND	ND	66
03837	.4	1.07	216	ND	83	ND	.36	.3	13	3	151	3.73	.09	.32	283	4	.10	24	.13	19	ND	ND	12	ND	16	ND	ND	86
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03760	.1	2.43	63	ND	167	ND	.89	.3	12	35	216	4.21	.88	1.70	1945	2	.14	42	.13	21	ND	ND	6	ND	40	ND	ND	181
03761	.1	2.38	91	ND	123	ND	.71	.1	11	29	180	4.20	.96	1.61	1711	1	.13	36	.12	24	ND	ND	ND	ND	31	ND	ND	182
03762	.1	2.04	59	ND	103	ND	3.07	.1	12	39	214	3.72	.19	1.39	1509	3	.12	33	.13	7	ND	ND	ND	ND	137	ND	ND	140
03763	.1	2.04	172	ND	107	ND	4.45	.1	11	44	169	4.11	.01	1.40	2014	4	.12	39	.14	9	ND	ND	ND	ND	180	ND	ND	117
03764	.1	1.84	280	ND	139	ND	2.10	.1	10	21	191	3.73	.19	1.09	1339	1	.11	31	.12	17	ND	ND	3	ND	98	ND	ND	140
03765	.1	1.72	529	ND	254	ND	.58	.1	15	26	254	5.07	.35	.81	2088	2	.15	36	.17	33	ND	ND	12	ND	23	ND	ND	238
03766	>100	.39	348	ND	132	ND	.11	.1	6	36	577	5.21	.36	.05	821	29	.14	27	.08	347	ND	ND	265	ND	34	ND	ND	229
03767	31.4	1.64	122	ND	137	ND	.79	.1	11	22	980	4.54	.61	1.05	2191	18	.13	35	.10	117	ND	ND	44	ND	27	ND	ND	173
03768	3.8	1.60	147	ND	257	ND	.42	1.7	15	25	1019	3.62	.38	.91	3834	5	.14	41	.13	77	ND	ND	16	ND	21	ND	ND	277
03769	.1	1.56	49	ND	167	ND	2.38	.1	9	22	147	3.04	.01	1.02	1857	1	.08	31	.13	5	ND	ND	6	ND	88	ND	ND	94
03770	1.2	2.04	51	ND	142	ND	2.13	.1	11	32	171	3.76	.27	1.37	2773	1	.11	36	.13	14	ND	ND	8	ND	89	ND	ND	107
03771	45.9	1.48	150	3	28	ND	.54	.2	7	11	14003	9.26	.44	.63	2183	50	.31	24	.09	125	ND	ND	32	ND	39	ND	ND	494
03772	14.4	2.23	129	ND	111	ND	.39	.5	13	13	1971	5.39	.63	1.37	3906	22	.17	32	.14	45	ND	ND	23	ND	19	ND	ND	242
03773	63.2	2.60	138	3	80	ND	.82	5.4	10	18	13273	7.39	.80	1.95	3962	48	.34	24	.09	147	ND	ND	172	ND	38	ND	ND	600
03774	.1	2.45	33	ND	133	ND	2.42	.1	11	13	311	3.81	.54	1.97	2900	2	.13	17	.10	10	ND	ND	3	ND	125	ND	ND	112
03775	1.6	2.00	103	10	174	ND	2.98	.1	10	29	73	3.50	.32	1.38	3171	3	.10	16	.10	8	ND	ND	3	ND	160	ND	ND	77
03776	14.5	1.62	359	ND	71	ND	1.04	.1	9	15	1145	4.70	.41	.86	2389	16	.12	14	.10	69	ND	ND	31	ND	47	ND	ND	91
03777	.1	1.48	12	ND	211	ND	2.16	.1	3	ND	208	2.54	.41	1.35	3340	ND	.09	11	.07	14	ND	ND	4	ND	112	ND	ND	88
03778	.1	1.27	28	ND	224	ND	1.76	.1	4	10	52	2.05	.54	.86	2136	ND	.07	10	.07	20	ND	ND	6	ND	91	ND	ND	75
03779	.1	1.25	32	ND	199	ND	2.30	.1	3	10	128	2.06	.41	.69	2162	4	.07	12	.07	18	ND	ND	7	ND	95	ND	ND	74
03780	.1	1.52	ND	ND	823	ND	2.33	.1	4	5	17	2.01	.34	1.12	1792	ND	.07	17	.07	21	ND	ND	4	ND	127	ND	ND	72
03781	.3	2.46	23	ND	109	ND	2.14	.1	13	35	111	4.50	.18	1.49	1363	1	.13	34	.14	22	ND	ND	12	ND	129	ND	ND	149
03782	.1	2.28	47	ND	83	ND	2.59	.1	14	23	125	4.33	.17	1.36	1243	1	.12	40	.15	24	ND	ND	14	ND	139	ND	ND	138
03783	.1	.89	379	ND	124	ND	5.16	.1	11	21	90	3.98	.01	.59	1726	1	.11	28	.13	54	ND	ND	21	ND	286	ND	ND	137
03784	.1	1.86	260	ND	94	ND	3.17	.1	11	22	108	3.81	.01	1.17	1021	ND	.10	36	.13	4	ND	ND	18	ND	206	ND	ND	115
03785	.1	2.37	190	ND	79	ND	2.24	.1	11	24	106	4.21	.28	1.60	1170	1	.11	27	.14	2	ND	ND	19	ND	157	ND	ND	120
03786	.1	2.34	100	ND	85	ND	2.06	.1	15	6	202	4.24	.35	1.72	1475	1	.11	20	.17	ND	ND	ND	18	ND	142	ND	ND	109
03787	.1	2.52	121	ND	97	ND	2.51	.1	14	4	335	4.40	.35	1.88	1310	ND	.13	18	.15	ND	ND	ND	17	ND	174	ND	ND	111
03788	.8	1.18	100	ND	62	ND	.91	.1	27	4	1295	4.33	.46	.69	621	6	.10	21	.15	9	ND	ND	102	ND	68	ND	ND	81
03789	.2	.54	78	ND	39	ND	.33	.1	35	8	1492	3.72	.52	.12	157	12	.07	23	.15	16	ND	ND	54	ND	23	ND	ND	38
03790	.1	.64	38	ND	144	ND	1.48	.1	13	30	257	1.12	.06	.17	362	4	.03	24	.13	11	ND	ND	12	ND	88	ND	ND	26
03791	.1	.42	64	ND	115	ND	1.38	.3	14	8	175	.61	.22	.10	286	6	.03	48	.13	33	ND	ND	23	1	84	4	ND	55
03792	.1	.75	72	ND	94	ND	.89	.1	13	15	202	2.44	.58	.25	370	2	.06	21	.13	14	ND	ND	10	ND	44	ND	ND	39
03793	.1	.93	130	ND	145	ND	.72	.5	13	37	279	1.72	.27	.29	719	2	.06	21	.13	22	ND	ND	11	ND	31	ND	ND	96
03794	.1	.99	56	ND	140	ND	.96	.4	15	7	199	1.84	.48	.37	439	1	.05	20	.13	7	ND	ND	8	ND	44	ND	ND	39
03795	.1	.89	1004	ND	139	ND	1.29	.1	13	18	89	1.76	.32	.26	504	ND	.04	21	.13	5	ND	ND	30	ND	56	ND	ND	21
03796	.1	1.02	1483	ND	76	ND	.67	.1	15	20	125	2.99	.52	.29	307	2	.06	24	.13	9	ND	ND	15	ND	27	ND	ND	19
03797	.1	1.04	513	ND	143	ND	.84	.1	15	4	633	2.43	.59	.32	360	4	.06	24	.14	6	ND	ND	8	ND	37	ND	ND	42
03798	.1	1.13	139	ND	153	ND	.82	.1	13	5	844	2.56	.42	.35	401	5	.06	24	.15	2	ND	ND	7	ND	39	ND	ND	48
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JOHN KOWALCHUK
PROJECT: KERR 9101

REPORT#: 871428PA
JOB#: 871428
INVOICE#: 871428NA

DATE RECEIVED: 87/09/28
DATE COMPLETED: 87/10/05
COPY SENT TO: VANCOUVER

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	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
03721	.1	2.29	290	ND	37	ND	4.65	.3	19	17	403	4.92	.01	1.69	3206	10	.23	22	.18	58	ND	ND	ND	ND	59	ND	ND	430
03722	.1	2.34	42	ND	21	4	2.81	.1	18	6	48	7.32	.01	1.17	2378	6	.17	4	.19	15	ND	ND	3	ND	38	ND	ND	200
03723	.1	2.74	26	ND	17	ND	2.49	.1	18	5	43	8.17	.01	1.20	2232	5	.18	3	.21	12	ND	ND	3	ND	40	ND	ND	186
03724	.1	2.94	18	ND	45	4	3.14	3.1	21	30	182	5.61	.01	2.58	3486	9	.34	17	.21	31	ND	ND	ND	ND	56	ND	ND	740
03725	.1	3.17	4	ND	37	ND	3.40	2.2	22	33	157	5.43	.01	3.04	4379	2	.29	20	.21	132	ND	ND	ND	ND	63	ND	ND	542
03726	.1	3.11	16	ND	37	ND	2.89	2.4	22	41	140	5.46	.01	2.96	4633	2	.30	23	.22	40	ND	ND	ND	ND	69	ND	ND	577
03727	.1	3.18	7	ND	34	ND	2.80	.1	24	41	130	5.64	.01	3.08	4850	1	.23	22	.23	40	ND	ND	ND	ND	61	ND	ND	332
03728	.1	3.19	15	ND	43	ND	1.71	3.1	24	45	194	5.72	.01	3.08	5048	4	.43	27	.23	19	ND	ND	ND	ND	40	ND	ND	954
03729	.1	3.30	19	ND	49	ND	3.01	2.9	22	43	126	5.68	.01	3.26	4804	2	.38	22	.21	112	ND	ND	ND	ND	70	ND	ND	754
03730	.1	3.41	28	ND	46	ND	2.71	.9	21	45	121	5.69	.01	3.27	3591	2	.29	22	.22	98	ND	ND	ND	ND	71	ND	ND	472
03731	.1	3.99	15	ND	57	3	.80	.1	14	6	87	7.84	.01	2.80	1773	5	.30	9	.20	13	ND	ND	ND	ND	20	ND	ND	497
03732	.1	3.44	21	ND	37	ND	1.88	.1	12	2	22	7.46	.01	1.87	1764	4	.28	2	.18	5	ND	ND	ND	ND	76	4	ND	462
03733	.1	3.39	28	ND	47	ND	2.21	3.0	21	28	110	6.19	.01	2.79	4386	5	.39	19	.20	30	ND	ND	ND	ND	69	ND	ND	756
03734	.1	3.30	35	ND	52	ND	2.71	2.0	18	20	82	6.52	.01	2.40	3101	4	.35	11	.20	28	ND	ND	ND	ND	69	ND	ND	661
03735	.1	2.24	32	ND	59	ND	1.42	.1	7	5	19	4.98	.01	.95	1162	4	.10	3	.11	14	ND	ND	3	ND	50	9	3	169
03736	.7	.92	18	ND	60	ND	.51	.6	2	14	12	2.08	.01	.24	539	4	.01	3	.02	27	ND	ND	10	1	18	14	5	152
03737	.1	2.75	34	ND	119	ND	2.28	.1	14	29	208	4.80	.01	2.16	1854	6	.15	31	.14	30	ND	ND	ND	ND	111	3	ND	134
03738	.2	3.23	28	ND	96	ND	2.67	.1	17	21	80	5.15	.01	2.78	2126	2	.18	9	.16	11	ND	ND	ND	ND	136	ND	ND	143
03739	8.4	3.33	43	ND	157	ND	1.53	.1	16	23	165	5.37	.01	2.62	2325	3	.19	17	.17	17	ND	ND	12	ND	72	ND	ND	159
03740	.7	2.11	68	ND	128	ND	3.25	.1	13	33	137	4.58	.01	1.48	2100	5	.13	36	.13	31	ND	ND	3	ND	135	ND	ND	113
03741	.2	1.89	87	ND	94	ND	3.32	.5	13	36	154	3.90	.01	1.40	1829	8	.13	47	.12	27	ND	ND	4	ND	124	ND	ND	148
03742	.5	2.44	84	ND	107	ND	1.91	.5	16	37	233	5.25	.01	1.72	1990	3	.18	33	.18	50	ND	ND	3	3	70	4	ND	200
03743	1.1	2.12	75	ND	122	ND	.57	.5	15	27	223	4.38	.01	1.29	1297	4	.15	40	.14	40	ND	ND	7	ND	19	6	ND	198
03744	.7	2.27	233	ND	132	ND	.51	.6	17	35	242	4.85	.01	1.38	1515	4	.17	36	.16	27	ND	ND	7	1	16	3	ND	214
03745	.9	1.75	210	ND	107	ND	5.47	.1	12	37	161	3.58	.01	1.17	1909	3	.11	26	.17	23	ND	ND	5	1	235	ND	ND	97
03746	.4	1.86	91	ND	96	ND	5.75	.1	12	32	122	3.51	.01	1.31	2534	4	.12	30	.16	25	ND	ND	3	ND	225	ND	3	121
03747	1.1	1.87	42	ND	128	ND	2.47	3.3	13	31	118	3.82	.01	1.25	2014	6	.38	35	.17	44	ND	ND	5	55	92	ND	ND	762
03748	3.9	2.17	62	ND	205	ND	.36	2.1	16	27	1086	4.27	.01	1.25	3206	4	.30	36	.15	74	ND	ND	7	ND	14	ND	ND	572
03749	7.5	2.80	150	ND	182	ND	.34	.3	16	8	3042	6.76	.01	1.51	4157	5	.32	12	.16	73	ND	ND	12	ND	17	ND	ND	407
03750	3.5	1.41	122	ND	246	ND	.56	1.4	17	14	1570	4.76	.01	.60	3900	21	.18	35	.15	62	ND	ND	28	ND	25	ND	ND	244
03751	10.7	.62	63	ND	194	ND	1.59	.1	8	3	198	2.72	.01	.49	1993	5	.09	11	.09	41	ND	ND	27	ND	86	ND	3	127
03752	2.0	.65	48	ND	241	ND	.95	.9	7	3	158	2.18	.01	.13	2458	2	.11	4	.08	31	ND	ND	13	2	25	3	4	214
03753	.6	1.11	9	ND	211	ND	2.79	.3	6	3	28	1.70	.01	.55	2306	1	.06	1	.07	26	ND	ND	6	1	98	ND	ND	84
03754	.6	2.09	28	ND	202	ND	2.20	.4	10	13	90	4.19	.01	1.21	2691	5	.18	5	.11	160	ND	ND	3	ND	81	ND	ND	192
03755	1.6	1.44	25	ND	331	ND	.25	1.2	9	12	110	2.03	.01	.58	1649	3	.10	5	.09	35	ND	ND	7	3	13	ND	3	171
03756	1.0	2.38	27	ND	156	ND	2.85	7.8	14	43	405	4.24	.01	1.70	2051	10	.24	30	.13	49	ND	ND	ND	ND	110	ND	ND	319
03757	.3	2.40	41	ND	105	ND	2.56	.2	17	29	207	4.38	.01	1.95	1856	8	.16	36	.11	22	ND	ND	ND	ND	122	ND	ND	121
03758	.1	2.77	20	ND	100	ND	2.99	2.0	15	32	94	4.39	.01	2.39	2080	4	.24	14	.13	9	ND	ND	ND	ND	151	ND	ND	248
03759	.1	3.16	23	ND	121	ND	2.12	1.8	15	11	107	4.84	.01	2.85	2057	2	.26	8	.15	8	ND	ND	ND	ND	112	ND	ND	251
DETECTION LIMIT	.1	--	--	3	--	2	.01	--	--	--	--	.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871428 AA JOB NUMBER: 871428 WESTERN CDN. MINING CORP.

SAMPLE #	Au oz/st	Au oz/st
03771	.159	.147
03772	.031	.038
03773	.041	.039
03775	.353	.354
03776	.083	.067
03817	.039	.039
03818	.036	.047
03844	.184	.214
04202	.146	.127
04203	.100	.090
04204	.133	.109
04205	.319	.309
04206	.468	.440
04207	.210	.166
04208	.106	.098
04209	.041	.031
04213	.055	.058
04215	.044	.049
04218	.036	.029
04219	.109	.077
DETECTION LIMIT	.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au oz/st	Au oz/st
04223	.041	.032
04234	.034	.047
04235	.054	.024
04237	.051	.055
04238	.172	.187
04239	.035	.041
04241	2.081	2.358
04242	.083	.085
04244	.066	.060
16778	.035	.041

DETECTION LIMIT	.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: WESTERN CDN. MINING CORP.
ADDRESS: 1170-1055 W. Hastings St.
: Vancouver, B.C.
: V6E 2E9

DATE: Oct 08 1987
REPORT#: 871428 GA
JOB#: 871428

PROJECT#: KERR 9101
SAMPLES ARRIVED: Sept 28 1987
REPORT COMPLETED: Oct 07 1987
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 871428 NA
TOTAL SAMPLES: 200
SAMPLE TYPE: 200 Core
REJECTS: SAVED

SAMPLES FROM: WESTERN CDN. MINING CORP.
COPY SENT TO: Mr. R. Hewton

PREPARED FOR: Mr. John Kowalchuk

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871428 GA JOB NUMBER: 871428 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
03721	25
03722	50
03723	80
03724	165
03725	135
03726	165
03727	80
03728	10
03729	160
03730	110
03731	20
03732	nd
03733	nd
03734	105
03735	35
03736	5
03737	35
03738	25
03739	40
03740	10
03741	290
03742	620
03743	200
03744	55
03745	80
03746	75
03747	50
03748	250
03749	130
03750	835
03751	20
03752	200
03753	25
03754	40
03755	15
03756	65
03757	55
03758	35
03759	5
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #	Au ppb
03760	200
03761	415
03762	180
03763	125
03764	75
03765	60
03766	880
03767	890
03768	70
03769	20
03770	90
03771	5450
03772	1060
03773	1400
03774	785
03775	12100
03776	2845
03777	60
03778	240
03779	250
03780	10
03781	10
03782	nd
03783	nd
03784	nd
03785	nd
03786	5
03787	50
03788	120
03789	60
03790	65
03791	90
03792	125
03793	90
03794	100
03795	140
03796	220
03797	140
03798	150
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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VANCOUVER, B.C. V5L 1L6
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SAMPLE #	Au ppb
03799	300
03800	770
03801	740
03802	400
03803	200
03804	125
03805	220
03806	230
03807	350
03808	300
03809	300
03810	970
03811	270
03812	220
03813	145
03814	250
03815	365
03816	900
03817	1350
03818	1230
03819	90
03820	nd
03821	15
03822	30
03823	5
03824	10
03825	nd
03826	210
03827	390
03828	200
03829	190
03830	200
03831	230
03832	145
03833	100
03834	45
03835	60
03836	45
03837	80
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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

SAMPLE #	Au ppb
03838	45
03839	45
03840	110
03841	80
03842	85
03843	120
03844	6300
03845	260
03846	180
03847	40
03848	45
04201	105
04202	5000
04203	3420
04204	4560
04205	10930
04206	16040
04207	7200
04208	3630
04209	1400
04210	850
04211	580
04212	580
04213	1880
04214	300
04215	1500
04216	165
04217	440
04218	1230
04219	3730
04220	350
04221	650
04222	145
04223	1400
04224	125
04225	50
04226	650
04227	nd
04228	145
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871428 GA JOB NUMBER: 871428 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
04229	430
04230	155
04231	650
04232	260
04233	685
04234	1165
04235	1850
04236	nd
04237	1740
04238	5890
04239	1200
04240	750
04241	71340
04242	2840
04243	170
04244	2260
04245	685
04246	nd
04247	540
04248	240
04249	90
04250	545
04251	445
04252	440
04253	545
04254	990
04255	200
04256	850
04257	540
04258	230
04259	220
04260	60
04261	610
04262	75
04263	45
04264	440
16576	780
16578	55
16579	40
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au ppb
16580	105
16581	115
16649	730
16677	340
16778	1200

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JOHN KOWALCHUK
PROJECT: 9101

REPORT#: 871439PA
JOB#: 871439
INVOICE#: 871439NA

DATE RECEIVED: 87/09/29
DATE COMPLETED: 87/10/13
COPY SENT TO:

ANALYST D. Hawes

SAMPLE NAME	AG PPM	AL %	AS PPM	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
9000N 10000W	1.4	2.75	229	ND	26	ND	.20	.1	14	18	951	12.25	.03	.47	1069	25	.28	9	.21	41	ND	ND	14	ND	11	ND	ND	90
9025 10000W	.3	2.32	201	ND	14	ND	.25	.1	12	35	1105	19.62	.04	.49	588	32	.44	13	.23	45	ND	ND	21	ND	10	ND	ND	91
9050N 10000W	.9	3.92	283	ND	46	ND	.11	.1	22	16	1213	9.89	.05	.62	1074	22	.23	14	.16	50	ND	ND	12	ND	22	ND	ND	110
9050N 10025W	1.5	2.14	295	ND	21	ND	.10	.1	9	9	696	6.68	.03	.34	654	18	.16	7	.21	29	ND	ND	9	ND	8	ND	ND	81
9050N 10050W	.1	.57	75	ND	5	ND	.07	.1	ND	9	2323	33.05	.04	.13	86	13	.71	ND	.09	20	ND	ND	16	ND	5	ND	ND	17
9050N 10075W	2.0	1.80	196	ND	101	ND	.16	.1	14	9	683	9.06	.04	.43	1402	23	.22	7	.23	51	ND	ND	14	1	23	ND	ND	111
9050N 10100W	1.7	2.02	153	ND	43	ND	.33	.1	20	9	663	7.25	.02	.96	2116	7	.23	5	.23	68	ND	ND	6	2	23	ND	ND	187
9050N 10125W	1.9	2.90	348	ND	56	ND	.11	.1	20	18	1077	14.33	.03	.93	1792	22	.40	10	.39	131	ND	ND	15	ND	17	ND	ND	235
9050N 10150W	1.2	1.80	106	ND	66	ND	.03	.1	8	6	256	4.37	.08	.53	745	5	.11	5	.08	54	ND	ND	26	ND	5	ND	ND	134
9050N 10175W	2.1	2.77	363	ND	90	ND	.18	.1	25	15	1049	14.54	.04	1.15	1901	20	.40	9	.42	172	ND	ND	17	ND	26	ND	ND	225
9050N 10200W	2.4	1.44	324	ND	118	ND	.15	.1	6	12	1217	21.67	.04	.61	866	29	.54	ND	.69	140	ND	ND	27	ND	16	ND	ND	183
9050N 10225W	3.7	2.24	774	ND	25	ND	.17	.1	26	7	993	24.23	.04	.83	1937	8	.66	6	.36	286	ND	ND	28	ND	13	ND	ND	321
9075N 10025W	.7	3.16	183	ND	25	ND	.24	.1	22	8	852	8.54	.05	.67	1674	15	.21	7	.17	37	ND	ND	8	1	16	ND	ND	102
9100N 9950W	1.9	1.12	201	ND	21	ND	.13	.1	3	4	246	3.20	.05	.09	127	19	.07	2	.23	31	ND	ND	8	2	14	ND	ND	52
9100N 9975W	.7	1.39	343	ND	23	ND	.23	.1	14	4	290	9.67	.03	.45	1229	19	.22	4	.18	47	ND	ND	12	2	11	ND	ND	56
9100N 10000W	.4	3.29	309	ND	22	ND	.17	.1	39	18	948	13.66	.04	.77	2931	32	.34	15	.26	77	ND	ND	20	ND	13	ND	ND	114
9100N 10025W	1.0	4.53	217	ND	27	ND	.43	.1	66	9	2295	13.15	.04	1.19	3023	18	.36	18	.35	46	ND	ND	11	ND	33	ND	ND	179
9125N 10000W	.7	5.85	303	ND	22	ND	.69	.1	35	8	1422	13.54	.04	.63	1777	24	.34	11	.38	46	ND	ND	11	ND	30	ND	ND	114
9150N 9975W	1.7	1.77	511	ND	21	ND	.17	.1	6	4	348	7.62	.04	.29	342	24	.18	4	.16	60	ND	ND	11	3	19	ND	ND	68
9150N 10000W	1.5	6.06	289	ND	10	ND	.36	.1	64	4	1380	11.77	.03	.54	2091	26	.29	7	.23	52	ND	ND	4	ND	9	ND	ND	91
9150N 10025W	2.5	1.74	102	ND	25	ND	.32	.1	4	4	352	4.58	.04	.22	285	12	.12	13	.20	25	ND	ND	7	2	21	ND	ND	88
9150N 10050W	.7	1.55	232	ND	36	ND	.24	.1	8	6	456	8.09	.05	.27	475	27	.20	4	.21	46	ND	ND	16	1	31	ND	ND	84
9150N 10075W	.7	3.25	192	ND	27	ND	.09	.1	8	12	1564	10.11	.05	.30	920	19	.24	6	.21	54	ND	ND	10	ND	10	ND	ND	92
9150N 10100W	1.1	1.99	142	ND	10	ND	.10	.1	1	15	2472	14.97	.06	.20	349	17	.33	4	.23	27	ND	ND	10	ND	10	ND	ND	47
9150N 10125W	1.4	4.28	730	ND	46	ND	.15	.1	46	15	1623	17.05	.05	.84	3079	25	.16	10	.40	126	ND	ND	17	ND	28	ND	ND	241
9150N 10150W	2.5	4.07	357	ND	46	ND	.13	.1	74	20	1949	18.08	.05	.83	4290	34	.59	7	.44	271	ND	ND	18	ND	12	ND	ND	432
9150N 10175W	1.7	2.73	193	ND	66	ND	.15	.1	38	18	1272	19.66	.05	.98	2832	20	.56	4	.52	169	ND	ND	14	ND	35	ND	ND	283
9150N 10200W	3.1	1.04	1626	ND	127	ND	.07	.1	8	11	1082	22.94	.06	.71	1343	28	.61	ND	.72	83	ND	ND	20	ND	32	ND	ND	241
10450N 10275W	2.2	.30	145	ND	977	ND	.01	.1	1	ND	80	1.38	.08	.19	32	11	.02	2	.04	195	ND	ND	17	ND	53	3	4	35
10450N 10300W	1.9	.30	106	ND	482	ND	.02	.1	3	1	71	3.89	.08	.22	59	16	.07	4	.12	44	ND	ND	17	2	29	3	ND	26
10450N 10325W	2.9	.25	72	ND	508	ND	.01	.1	1	1	73	3.05	.09	.12	25	14	.04	2	.10	64	ND	ND	22	1	40	3	4	15
10450N 10350W	2.4	.35	109	ND	424	ND	.01	.1	1	5	137	6.06	.09	.18	75	12	.12	6	.18	86	ND	ND	20	ND	34	ND	ND	39
10450N 10375W	2.3	.33	124	ND	416	ND	.01	.1	2	4	155	5.66	.08	.15	61	11	.11	3	.16	72	ND	ND	20	ND	36	ND	ND	30
10450N 10400W	2.8	.39	156	ND	505	ND	.01	.1	1	3	138	4.16	.08	.19	73	9	.08	3	.13	81	ND	ND	23	ND	39	ND	5	35
10450N 10425W	2.4	.34	160	ND	390	ND	.01	.1	1	3	169	6.12	.07	.17	74	9	.13	3	.13	101	ND	ND	25	ND	35	ND	ND	32
10550N 10200W	3.0	.34	145	ND	306	ND	.01	.1	4	7	198	7.84	.08	.10	387	186	.17	9	.27	172	ND	ND	29	ND	17	ND	ND	69
10550N 10225W	2.5	.21	172	ND	168	ND	.01	.1	1	6	90	5.43	.07	.07	80	8	.12	5	.18	130	ND	ND	47	1	12	ND	ND	52
10550N 10250W	1.5	.83	60	ND	107	ND	.01	.1	1	8	73	3.54	.07	.22	71	111	.07	4	.22	68	ND	ND	9	2	6	ND	3	40
10550N 10275W	2.0	.26	93	ND	479	ND	.01	.1	1	3	82	4.37	.07	.14	79	21	.10	4	.15	83	ND	ND	37	1	27	ND	ND	62

CLIENT: WESTERN CANADIAN MINING JOB#: 871439 PROJECT: 9101 REPORT: 871439PA DATE: 87/10/13 PAGE 2 OF 2

SAMPLE NAME	AG PPM	AL %	AS PPM	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
10550N 10300W	.7	.24	93	ND	456	5	.01	.1	1	3	79	4.43	.07	.15	82	15	.09	4	.13	67	ND	ND	42	ND	26	ND	ND	71
10550N 10325W	.8	.22	178	ND	760	ND	.01	.1	1	1	84	2.87	.07	.10	35	22	.04	ND	.09	70	ND	ND	24	ND	36	ND	ND	15
10550N 10350W	1.3	.75	99	ND	83	4	.01	.1	2	3	49	2.81	.07	.06	298	25	.05	ND	.18	64	ND	ND	15	ND	8	ND	ND	60
10550N 10375W	.7	.12	169	ND	196	4	.01	.1	ND	2	53	5.25	.08	.01	24	30	.09	ND	.44	57	ND	ND	18	ND	55	ND	3	7
10550N 10400W	.4	.14	67	ND	223	ND	.01	.1	ND	2	79	7.03	.07	.01	41	27	.13	ND	.25	77	ND	ND	17	ND	48	ND	ND	12
10550N 10425W	1.6	.11	295	ND	260	7	.01	.1	ND	1	27	5.52	.09	.02	12	90	.10	ND	.36	60	ND	ND	56	ND	66	ND	ND	6
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: B71439 GA JOB NUMBER: B71439 WESTERN CDN. MINING CORP.

SAMPLE #		Au ppb
9000N	10000W	550
9025N	10000W	410
9050N	10000W	690
9050N	10025W	260
9050N	10050W	55
9050N	10075W	165
9050N	10100W	350
9050N	10125W	570
9050N	10150W	60
9050N	10175W	300
9050N	10200W	185
9050N	10225W	975
9075N	10025W	250
9100N	9950W	200
9100N	9975W	135
9100N	10000W	380
9100N	10025W	330
9125N	10000W	180
9150N	9975W	380
9150N	10000W	490
9150N	10025W	100
9150N	10050W	115
9150N	10075W	160
9150N	10100W	90
9150N	10125W	550
9150N	10150W	850
9150N	10175W	370
9150N	10200W	630
10450N	10275W	140
10450N	10300W	690
10450N	10325W	1200
10450N	10350W	685
10450N	10375W	875
10450N	10400W	1000
10450N	10425W	660
10550N	10200W	1385
10550N	10225W	310
10550N	10250W	430
10550N	10275W	325
DETECTION LIMIT		5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871439 GA JOB NUMBER: 871439 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
10550N 10300W	750
10550N 10325W	740
10550N 10350W	440
10550N 10375W	570
10550N 10400W	470
10550N 10425W	380

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871511 AB JOB NUMBER: 871511A WESTERN CDN. MINING CORP.

SAMPLE #	Au oz/st	Au oz/st
(870928) 16860	.119	<.005
(870928) 16861	.080	.102
(870928) 16864	.046	.119
(870928) 16871	.031	.039
(870929) 17159	.031	.022
(870929) 17160	.036	.028
(870929) 17161	.058	.073
(870929) 17163	.044	.041
(870929) 17165	.089	.109
(870929) 17169	.039	.035
(870929) 17171	.060	.093
(870929) 17197	.275	<.005
(870971) 16539	1.222	1.821
(870971) 16540	.072	.062
(870971) 16913	.125	.153
(870971) 16919	.034	.041
(870971) 16920	.222	.207
(870971) 16921	.049	.038
(871139) 16561	.030	.031
(871139) 16848	.339	.329
DETECTION LIMIT	.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #	Au oz/st	Au oz/st
(871139) 16859	.042	.028
(871139) 16860	.846	.989
(871139) 16861	.101	.117
(871139) 16862	.090	.093
(871139) 16864	.108	.108
(871139) 16868	.138	.144
(871316) 16648	.036	.039
(871316) 16650	.036	.024
(871316) 16913A	.089	.102
DETECTION LIMIT	.005	.005

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

signed:

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871511 AC JOB NUMBER: 8715118 WESTERN CDN. MINING CORP.

SAMPLE #		Au oz/st	Au oz/st
(870689)	16751	.168	.172
(870689)	16754	.032	.036
(870689)	16758	.043	.050
(870689)	16759	.031	.029
(870689)	16761	.032	.034
(870689)	16762	.057	.066
(870689)	16768	.036	.036
(870689)	16778	.038	.029
(870689)	16786	.061	.054
(870689)	16787	.639	.636
(870689)	16788	.086	.082
(870689)	16789	.143	.143
(870720)	16505	.058	.051
(870720)	16792	.032	.034
(870720)	16796	.201	.195
(870720)	16799	.055	.044
(870832)	16536	.038	.036
(870832)	16838	.034	.031
(870832)	16846	.031	.029
(870832)	17007	.032	.031
DETECTION LIMIT		.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

SAMPLE #		Au oz/st	Au oz/st
(870832)	17014	.075	.073
(870832)	17032	.102	.106
(870832)	17044	.055	.054
(870832)	17047	.038	.038

DETECTION LIMIT .005 .005

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

signed:

VANGEOCHEM LAB LTD.
Main Office
1521 Pemberton St.
North Vancouver,
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604 986 5211
Telex 04 352578
Branch Lab
1630 Pandora St.
Vancouver, B.C.
Sample Preparation Facilities
Pasadena, Newfoundland
Thunder Bay, Ont.
Bathurst, Newbrun.
Reno, Nevada

REPORT NUMBER: 871511 AD JOB NUMBER: 871511D WESTERN CDN. MINING CORP.

SAMPLE #		Au oz/st	Au oz/st
(871254)	16848	.339	.329
(871254)	16860	.846	.989
(871254)	16861	.101	.117
(871254)	16862	.090	.093
(871254)	16864	.108	.108
(871254)	16868	.138	.144
(871374)	03634	.026	.031
(871374)	03639	.049	.047
(871374)	16570	.034	.042
(871374)	16571	.036	.032

DETECTION LIMIT .005 .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.00012 ppm = parts per million < = less than

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871512 AA JOB NUMBER: 871512 WESTERN CDN. MINING CORP.

SAMPLE #	Cu %	Ag oz/st
03766	--	3.89
03771	1.26	--
03773	1.19	--
03817	.86	--
03818	.72	--
04202	2.96	5.34
04206	--	187.97
04207	--	12.64
04209	--	8.20
04213	--	6.77
04223	.67	--
04234	2.11	15.95
04238	7.33	241.74
04239	1.11	--
04241	.80	9.13
04244	.82	--
16580	13.20	--

DETECTION LIMIT .01 .01

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

signed: _____

REPORT NUMBER: 871555 GA JOB NUMBER: 871555 WESTERN CDN. MINING CORP.

SAMPLE #		Au ppb
L9575N	10350W	555
L9575N	10370W	260
L9575N	10400W	240
L9575N	10425W	440
L9575N	10450W	1220
L9575N	10475W	960
L9575N	10500W	345
L9575N	10525W	420
L9575N	10550W	950
L9575N	10575W	720
L9575N	10600W	920
L9575N	10675W	710
L9600N	10350W	500
L9600N	10400W	770
L9600N	10425W	930
L9600N	10450W	310
L9600N	10475W	470
L9600N	10500W	510
L9600N	10525W	1010
L9600N	10550W	650
L9600N	10575W	555
L9600N	10600W	370
L9600N	10625W	790
L9600N	10650W	690
L9625N	10350W	415
L9625N	10375W	380
L9625N	10400W	1430
L9625N	10425W	770
L9625N	10450W	420
L9625N	10475W	170
L9625N	10500W	480
L9625N	10525W	300
L9625N	10550W	150
L9625N	10575W	600
L9625N	10600W	370
L9625N	10625W	5100
L9625N	10650W	2340
L9625N	10675W	800
L9650N	10350W	1140

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

SAMPLE #	Au ppb
L9650N 10375W	160
L9650N 10400W	540
L9650N 10425W	320
L9650N 10450W	385
L9650N 10475W	320
L9650N 10500W	340
L9650N 10525W	450
L9650N 10575W	335
L9650N 10600W	210
L9650N 10625W	2850
L9650N 10650W	2300
L9650N 10675W	1100
L9675N 10350W	1060
L9675N 10375W	610
L9675N 10400W	500
L9675N 10425W	270
L9675N 10450W	340
L9675N 10475W	620
L9675N 10500W	770
L9675N 10525W	500
L9675N 10550W	550
L9675N 10575W	570
L9675N 10600W	305
L9675N 10625W	680
L9675N 10650W	810
L9700N 10350W	870
L9700N 10375W	710
L9700N 10400W	305
L9700N 10425W	430
L9700N 10450W	490
L9700N 10475W	420
L9700N 10500W	370
L9700N 10525W	325
L9700N 10550W	360
L9700N 10575W	460
L9700N 10600W	280
L9700N 10625W	660
L9700N 10650W	960
L9725N 10350W	1100

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

SAMPLE #	Au ppb
L9725N 10375W	435
L9725N 10400W	42000
L9725N 10450W	320
L9725N 10475W	260
L9725N 10500W	350
L9725N 10525W	260
L9725N 10550W	330
L9725N 10575W	2815
L9725N 10600W	1700
L9725N 10625W	865
L9725N 10650W	280
L9750N 10350W	920
L9750N 10375W	620
L9750N 10400W	300
L9750N 10425W	340
L9750N 10450W	330
L9750N 10475W	275
L9750N 10500W	200
L9750N 10525W	285
L9750N 10550W	675
L9750N 10575W	1000
L9750N 10600W	2130
L9750N 10625W	590
L9750N 10650W	565
L9750N 10675W	140
L9775N 10350W	330
L9775N 10375W	2160
L9775N 10400W	405
L9775N 10425W	315
L9775N 10450W	390
L9775N 10475W	420
L9775N 10525W	300
L9775N 10550W	600
L9775N 10575W	1800
L9775N 10600W	750
L9775N 10625W	1040
L9775N 10650W	530
L9775N 10675W	150
L9800N 10350W	485

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

SAMPLE #	Au ppb
L9800N 10375W	350
L9800N 10400W	310
L9800N 10425W	305
L9800N 10450W	340
L9800N 10575W	1100
L9800N 10600W	315
L9800N 10625W	900
869600N 10675W	1140
KERR 9101 W.C.M	330

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN MINING
ATTENTION: JOHN KOWALCHUK
PROJECT: 9101-KERR PROJECT

REPORT#: PA
JOB#: 871555
INVOICE#: NA

DATE RECEIVED: 87/10/15
DATE COMPLETED: 87/10/27
COPY SENT TO:

ANALYST D. Rowe

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L9575N 10350W	.6	1.05	133	ND	265	ND	.02	.1	4	5	298	8.51	.09	.27	296	29	.20	3	.31	111	ND	ND	8	ND	19	ND	ND	60
L9575N 10375W	1.2	1.79	70	ND	232	ND	.03	.1	6	6	548	7.11	.11	.35	531	30	.14	8	.29	90	ND	ND	7	1	21	3	ND	56
L9575N 10400W	1.1	2.17	64	ND	407	ND	.02	.1	5	6	436	8.70	.12	.43	527	36	.17	6	.24	83	ND	ND	14	ND	38	4	ND	74
L9575N 10425W	2.1	1.15	99	ND	229	3	.09	.1	8	7	319	7.35	.12	.45	653	25	.15	11	.27	110	ND	ND	16	1	27	ND	ND	70
L9575N 10450W	3.6	1.62	97	ND	488	ND	.12	.1	42	7	745	9.42	.13	.63	3839	33	.21	10	.34	98	ND	ND	13	ND	26	ND	ND	62
L9575N 10475W	4.8	.62	111	ND	365	ND	.02	.1	9	4	376	9.16	.12	.18	909	30	.19	6	.37	114	ND	ND	17	ND	16	ND	ND	39
L9575N 10500W	1.1	.92	73	ND	673	ND	.03	.1	15	5	757	13.27	.13	.29	1047	46	.31	7	.69	78	ND	ND	17	ND	22	ND	ND	85
L9575N 10525W	.6	.60	58	ND	444	ND	.01	.1	14	4	977	15.03	.13	.08	1302	44	.34	8	.48	81	ND	ND	13	ND	16	3	ND	51
L9575N 10550W	2.2	1.17	84	ND	412	ND	.03	.1	17	8	749	13.15	.13	.47	1138	32	.31	6	.44	84	ND	ND	16	1	20	ND	ND	65
L9575N 10575W	2.2	1.75	115	ND	478	ND	.03	.1	14	9	587	10.95	.12	.77	894	33	.26	10	.37	74	ND	ND	16	3	27	ND	ND	79
L9575N 10600W	4.1	3.09	145	ND	367	ND	.14	.1	16	7	498	9.14	.12	.40	1586	18	.23	7	.20	79	ND	ND	14	3	19	ND	ND	162
L9575N 10675W	2.2	.46	196	ND	117	ND	.01	.1	2	7	303	14.52	.13	.06	168	30	.32	4	.42	132	ND	ND	22	ND	13	ND	ND	45
L9600N 10350W	1.5	.46	144	ND	355	ND	.01	.1	4	3	334	9.27	.14	.07	170	72	.18	3	.30	90	ND	ND	13	1	27	ND	ND	42
L9600N 10400W	2.7	.50	142	ND	393	ND	.01	.1	5	2	533	10.05	.16	.07	548	54	.21	2	.43	143	ND	ND	49	ND	51	3	ND	52
L9600N 10425W	2.2	1.68	125	ND	226	ND	.06	.1	8	8	530	9.51	.14	.42	780	34	.19	5	.29	110	ND	ND	19	1	19	4	ND	74
L9600N 10450W	1.7	1.69	103	ND	707	5	.02	.1	53	7	1063	10.22	.13	.58	4745	37	.23	7	.36	109	ND	ND	13	ND	21	ND	ND	64
L9600N 10475W	2.9	1.02	120	ND	385	ND	.01	.1	10	7	544	11.51	.15	.34	927	48	.25	8	.43	98	ND	ND	17	ND	19	3	ND	56
L9600N 10500W	2.7	.93	73	ND	379	ND	.01	.1	28	5	689	12.81	.16	.28	2091	69	.28	5	.48	87	ND	ND	26	ND	33	ND	ND	62
L9600N 10525W	10.6	.37	129	ND	164	ND	.01	.1	4	2	223	10.66	.17	.11	275	162	.21	3	.56	114	ND	ND	23	ND	34	3	ND	33
L9600N 10550W	1.2	1.04	120	ND	298	ND	.01	.1	17	7	523	13.18	.13	.38	1174	18	.30	7	.43	99	ND	ND	11	ND	25	ND	ND	78
L9600N 10575W	1.2	1.18	226	ND	138	ND	.03	.1	14	4	831	12.79	.13	.17	793	14	.30	13	.30	58	ND	ND	29	ND	10	ND	ND	113
L9600N 10600W	1.3	1.93	130	ND	157	ND	.04	.1	9	7	600	11.01	.12	.55	664	30	.26	10	.25	71	ND	ND	17	ND	18	ND	ND	108
L9600N 10625W	1.5	.69	225	ND	149	ND	.01	.1	4	5	468	14.30	.14	.13	363	36	.30	2	.46	113	ND	ND	56	ND	38	ND	ND	56
L9600N 10650W	2.2	1.78	243	ND	105	ND	.13	.1	12	8	1506	14.85	.13	.20	626	30	.34	8	.35	92	ND	ND	22	ND	28	ND	ND	149
L9625N 10350W	.3	.90	130	ND	312	ND	.04	.1	7	4	593	16.61	.15	.16	423	46	.35	3	.55	84	ND	ND	16	2	38	ND	ND	62
L9625N 10375W	.3	1.19	108	ND	361	ND	.01	.1	3	5	546	8.97	.13	.26	310	45	.17	2	.30	88	ND	ND	7	ND	21	ND	ND	63
L9625N 10400W	2.1	.57	115	ND	387	ND	.01	.1	4	3	492	11.80	.14	.08	481	48	.24	4	.46	112	ND	ND	10	ND	51	ND	ND	51
L9625N 10425W	1.1	1.62	135	ND	264	ND	.01	.1	9	7	557	8.88	.11	.37	1007	29	.17	6	.26	114	ND	ND	13	1	17	ND	ND	63
L9625N 10450W	1.3	.88	157	ND	275	ND	.01	.1	12	9	596	11.84	.12	.21	1326	30	.24	1	.35	94	ND	ND	13	ND	17	ND	ND	44
L9625N 10475W	.1	1.87	72	ND	114	ND	.01	.1	3	7	418	7.48	.10	.18	340	25	.13	ND	.19	70	ND	ND	5	4	8	ND	ND	52
L9625N 10500W	3.2	.61	97	ND	366	ND	.01	.1	5	7	545	11.83	.14	.15	359	61	.23	3	.40	90	ND	ND	22	ND	38	ND	ND	46
L9625N 10525W	.5	2.57	57	ND	188	ND	.01	.1	2	7	481	7.74	.10	.20	219	27	.14	3	.19	61	ND	ND	ND	ND	10	ND	ND	50
L9625N 10550W	1.1	3.06	36	6	47	ND	.05	.1	3	3	137	7.56	.14	.10	489	16	.09	2	.07	58	ND	ND	7	12	2	ND	ND	93
L9625N 10575W	1.5	1.88	87	ND	405	ND	.05	.1	8	8	325	9.88	.11	.45	511	19	.19	5	.29	78	ND	ND	16	1	22	ND	ND	76
L9625N 10600W	4.8	2.38	300	ND	186	ND	.15	.1	31	15	485	11.57	.08	1.03	3429	19	.31	20	.33	261	ND	ND	32	1	21	ND	ND	239
L9625N 10625W	70.3	1.95	651	ND	194	ND	.06	.1	45	8	1629	11.85	.09	.80	8083	40	.34	11	.25	579	ND	ND	140	ND	13	ND	ND	295
L9625N 10650W	16.7	2.00	367	ND	149	ND	.08	.1	18	8	2114	11.32	.09	.38	3660	22	.27	6	.22	267	ND	ND	83	ND	13	ND	ND	183
L9625N 10675W	3.6	1.55	427	ND	257	ND	.05	.1	15	7	452	8.84	.11	.37	1213	14	.20	11	.24	199	ND	ND	38	ND	30	ND	ND	163
L9650N 10350W	1.5	.53	148	ND	370	ND	.01	.1	2	4	431	10.25	.11	.08	267	69	.20	2	.37	127	ND	ND	5	ND	52	ND	ND	71
DETECTION LIMIT	.1	.01	3	3	1	2	.01	1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	2	1

CLIENT: WESTERN CANADIAN MINING JOB#: 871555 PROJECT: 9101-KERR PROJECT REPORT: PA DATE: 87/10/27

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L9650N 10375W	.5	1.11	55	ND	87	ND	.02	.1	1	3	187	3.99	.06	.06	58	17	.05	4	.09	72	ND	ND	ND	5	7	ND	3	42
L9650N 10400W	1.0	1.93	61	ND	178	ND	.01	.1	2	6	336	5.33	.07	.24	172	20	.08	3	.18	74	ND	ND	ND	2	12	ND	ND	42
L9650N 10425W	.5	1.36	106	ND	229	ND	.01	.1	10	6	508	8.90	.08	.30	1328	22	.17	8	.27	86	ND	ND	6	ND	18	ND	ND	70
L9650N 10450W	1.2	1.34	111	ND	206	ND	.01	.1	4	6	356	7.50	.07	.23	384	26	.14	4	.20	104	ND	ND	6	ND	19	ND	ND	72
L9650N 10475W	2.7	1.93	60	ND	208	ND	.04	.1	6	10	432	7.45	.08	.45	534	19	.14	5	.22	73	ND	ND	8	ND	15	ND	ND	66
L9650N 10500W	1.7	1.66	79	ND	334	3	.02	.1	8	10	624	10.52	.09	.43	639	49	.21	5	.30	88	ND	ND	9	ND	19	ND	ND	68
L9650N 10525W	1.5	1.65	75	ND	451	ND	.03	.1	8	8	649	7.73	.10	.44	513	24	.14	9	.25	90	ND	ND	11	1	20	ND	ND	80
L9650N 10575W	3.4	2.72	79	ND	305	ND	.28	.1	20	15	459	7.20	.07	1.06	1744	11	.18	20	.23	116	ND	ND	3	2	51	ND	ND	170
L9650N 10600W	.1	1.56	13	ND	2374	ND	1.29	1.0	12	4	200	2.57	.06	.24	4704	3	.07	4	.29	105	ND	ND	ND	ND	88	ND	ND	113
L9650N 10625W	12.6	2.27	529	ND	250	ND	.11	.1	66	8	1309	13.12	.08	.89	11599	20	.52	33	.35	560	ND	ND	48	ND	15	ND	ND	713
L9650N 10650W	6.0	1.88	555	ND	142	ND	.06	.1	17	12	324	10.13	.07	.29	2085	18	.25	6	.20	409	ND	ND	32	ND	13	ND	ND	165
L9650N 10675W	5.4	1.59	205	ND	209	ND	.05	.1	14	6	381	8.28	.08	.36	1033	13	.16	12	.22	173	ND	ND	21	2	22	ND	ND	129
L9675N 10350W	2.9	.43	220	ND	365	ND	.01	.1	1	3	430	10.75	.10	.04	131	48	.22	3	.32	182	ND	ND	8	ND	35	ND	ND	70
L9675N 10375W	1.0	.76	109	ND	378	ND	.01	.1	5	4	765	11.88	.08	.16	640	45	.24	5	.37	109	ND	ND	.5	ND	28	ND	ND	66
L9675N 10400W	1.2	1.40	96	ND	352	3	.04	.1	7	6	533	7.68	.07	.37	602	29	.14	7	.26	88	ND	ND	.5	1	22	ND	ND	66
L9675N 10425W	1.1	1.85	78	ND	358	ND	.05	.1	8	9	528	7.75	.08	.55	795	21	.15	10	.25	94	ND	ND	8	ND	22	ND	ND	91
L9675N 10450W	1.6	1.11	96	ND	616	3	.03	.1	7	7	515	7.40	.08	.45	573	18	.14	7	.26	99	ND	ND	18	ND	27	ND	ND	77
L9675N 10475W	.6	1.97	117	ND	260	ND	.14	.1	16	10	571	10.11	.07	.74	1176	20	.22	12	.31	125	ND	ND	6	ND	26	ND	ND	119
L9675N 10500W	2.3	1.07	127	6	314	ND	.01	.1	8	9	655	13.98	.08	.26	615	22	.28	5	.36	123	ND	ND	12	ND	14	ND	ND	82
L9675N 10525W	2.1	1.83	60	ND	641	3	.04	.1	6	7	447	7.17	.08	.51	537	21	.13	5	.21	86	ND	ND	6	2	21	ND	ND	83
L9675N 10500W	3.3	1.13	100	ND	521	3	.08	.1	15	8	410	8.41	.13	.41	934	21	.15	16	.27	85	ND	ND	21	ND	35	5	ND	79
L9675N 10575W	2.6	2.03	96	ND	434	3	.07	.1	20	9	407	7.17	.10	.74	1879	12	.15	9	.23	74	ND	ND	17	ND	25	4	ND	99
L9675N 10600W	.4	2.56	81	ND	244	ND	.10	.1	23	9	546	7.27	.09	.72	2693	9	.17	12	.18	113	ND	ND	9	ND	19	ND	ND	151
L9675N 10625W	5.1	3.25	156	ND	75	ND	.06	.1	11	9	352	6.64	.11	.42	1490	13	.12	6	.17	126	ND	ND	15	4	7	ND	ND	139
L9675N 10650W	3.9	2.72	313	ND	97	ND	.06	.1	12	9	255	7.08	.12	.38	1835	10	.14	9	.18	179	ND	ND	14	2	9	4	ND	197
L9700N 10350W	2.0	.73	342	ND	279	ND	.01	.1	4	4	1158	16.49	.13	.08	700	66	.34	3	.37	156	ND	ND	12	ND	19	ND	ND	106
L9700N 10375W	2.6	1.30	151	ND	178	ND	.01	.1	1	5	412	9.82	.10	.12	174	34	.18	ND	.24	252	ND	ND	6	ND	11	ND	ND	51
L9700N 10400W	1.6	1.27	94	ND	193	ND	.02	.1	3	9	227	7.29	.09	.26	230	26	.12	5	.22	86	ND	ND	8	ND	16	ND	ND	51
L9700N 10425W	1.9	1.25	81	ND	492	ND	.02	.1	6	6	557	7.49	.10	.43	535	22	.14	5	.27	105	ND	ND	8	ND	28	4	ND	72
L9700N 10450W	2.6	1.91	108	ND	417	3	.08	.1	14	11	481	7.86	.11	.72	966	18	.14	11	.28	88	ND	ND	12	ND	21	4	ND	91
L9700N 10475W	3.9	1.69	102	ND	645	ND	.06	.1	28	10	618	9.34	.10	.72	2257	18	.19	7	.33	87	ND	ND	15	ND	23	ND	ND	86
L9700N 10500W	1.1	1.56	118	ND	327	3	.01	.1	9	11	562	11.42	.11	.44	745	17	.22	8	.33	114	ND	ND	14	ND	15	ND	ND	107
L9700N 10525W	2.4	1.31	90	ND	640	ND	.05	.1	5	7	392	8.81	.12	.50	438	20	.16	3	.34	88	ND	ND	12	ND	31	3	ND	72
L9700N 10550W	.1	3.07	120	ND	301	ND	.17	.1	38	10	490	8.07	.07	1.07	3235	10	.18	13	.23	142	ND	ND	9	ND	51	ND	ND	139
L9700N 10575W	1.2	2.75	67	ND	122	ND	.04	.1	10	6	347	6.69	.08	.58	875	11	.12	6	.17	70	ND	ND	11	ND	17	ND	ND	101
L9700N 10600W	2.6	4.10	40	5	154	ND	.06	.1	6	5	974	5.07	.12	.24	868	7	.04	3	.11	59	ND	ND	6	5	4	4	ND	111
L9700N 10625W	12.3	2.37	235	ND	199	5	.07	.1	24	8	622	9.83	.08	.76	2432	13	.22	9	.25	176	ND	ND	174	ND	14	ND	ND	197
L9700N 10650W	4.5	2.14	186	ND	196	ND	.08	.1	17	9	282	8.16	.11	.63	1707	10	.17	11	.23	144	ND	ND	21	ND	20	ND	ND	169
L9725N 10350W	.6	1.08	142	ND	232	3	.01	.1	2	4	398	8.05	.07	.18	230	29	.14	5	.21	91	ND	ND	11	1	16	ND	ND	56
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L9725N 10375W	1.7	1.24	103	ND	668	ND	.05	.1	8	5	406	8.28	.16	.41	968	30	.18	6	.31	103	ND	ND	11	ND	31	ND	ND	97
L9725N 10400W	9.1	1.67	543	26	210	ND	.01	.1	31	10	1408	17.39	.25	.14	2856	32	.49	14	.47	650	ND	ND	32	ND	9	ND	ND	314
L9725N 10450W	1.5	1.79	108	ND	400	ND	.03	.1	10	10	693	7.78	.26	.68	952	17	.17	8	.26	103	ND	ND	15	ND	20	ND	ND	88
L9725N 10475W	2.5	1.99	109	ND	432	ND	.03	.1	9	10	572	8.59	.37	.54	811	22	.18	9	.27	91	ND	ND	20	2	18	ND	ND	94
L9725N 10500W	.8	1.43	181	ND	351	ND	.02	.1	8	10	666	9.63	.39	.48	509	21	.20	11	.33	99	ND	ND	17	ND	33	ND	ND	80
L9725N 10525W	2.1	2.15	70	ND	307	ND	.04	.1	6	9	329	7.32	.51	.44	403	16	.13	12	.19	70	ND	ND	11	4	15	ND	ND	80
L9725N 10550W	5.8	3.45	145	3	159	ND	.09	.1	10	12	371	6.36	.64	.59	735	13	.10	11	.18	85	ND	ND	17	5	16	ND	ND	124
L9725N 10575W	>100	2.18	1158	ND	223	4	.10	.1	31	16	1922	10.25	.49	.84	10572	20	.31	28	.23	509	ND	ND	378	ND	11	ND	ND	271
L9725N 10600W	66.5	2.91	1594	ND	258	ND	.12	.1	45	15	2779	10.65	.53	1.01	11347	23	.30	30	.30	556	ND	ND	372	ND	16	ND	ND	228
L9725N 10625W	3.1	2.76	438	ND	175	ND	.09	.1	47	14	881	9.29	.55	1.26	4554	14	.30	34	.26	119	ND	ND	44	ND	9	ND	ND	285
L9725N 10650W	1.1	2.40	351	ND	153	ND	.08	.1	30	12	408	8.15	.60	.82	3589	9	.25	25	.21	181	ND	ND	30	ND	11	ND	ND	268
L9750N 10350W	31.6	.59	498	ND	464	ND	.02	.1	2	3	457	9.87	.91	.11	168	33	.20	2	.30	1630	ND	ND	402	ND	30	ND	ND	76
L9750N 10375W	2.1	1.62	318	ND	356	ND	.03	.1	11	8	512	9.53	.81	.43	868	33	.21	11	.29	236	ND	ND	14	ND	20	ND	ND	129
L9750N 10400W	.1	2.05	106	ND	269	ND	.02	.1	8	8	380	7.72	.67	.39	1065	22	.16	9	.22	74	ND	ND	11	ND	17	ND	ND	87
L9750N 10425W	1.3	1.95	135	ND	397	ND	.03	.1	7	6	418	7.49	.80	.42	862	23	.15	5	.25	84	ND	ND	9	ND	22	ND	ND	85
L9750N 10450W	1.2	2.69	82	ND	329	ND	.03	.1	7	8	487	7.21	.75	.57	1002	15	.14	7	.21	75	ND	ND	12	ND	14	3	ND	100
L9750N 10475W	1.2	2.47	75	ND	197	ND	.04	.1	7	9	380	5.46	.76	.49	594	13	.09	5	.19	72	ND	ND	6	1	10	3	ND	85
L9750N 10500W	.8	2.88	69	3	153	ND	.04	.1	4	8	356	6.01	.88	.41	406	11	.09	6	.15	67	ND	ND	6	3	10	4	ND	87
L9750N 10525W	.1	1.98	97	ND	247	ND	.02	.1	7	6	334	7.12	.51	.33	964	20	.15	8	.20	58	ND	ND	8	ND	15	3	ND	83
L9750N 10550W	18.6	1.71	1785	ND	178	ND	.10	.1	23	14	403	10.87	.43	.76	1842	17	.25	17	.31	488	ND	ND	78	ND	21	ND	ND	146
L9750N 10575W	30.3	1.79	2827	ND	156	ND	.08	.1	17	11	974	12.39	.86	.77	2229	16	.29	16	.28	293	ND	ND	195	ND	15	ND	ND	203
L9750N 10600W	3.7	2.12	3799	ND	129	ND	.06	.1	41	11	510	13.16	.45	1.00	5510	12	.31	18	.31	354	ND	ND	84	ND	11	ND	ND	201
L9750N 10625W	1.7	2.59	528	ND	96	ND	.06	.1	12	12	456	9.87	.43	.58	1534	16	.21	14	.18	586	ND	ND	23	ND	10	ND	ND	139
L9750N 10650W	4.4	2.84	375	ND	189	ND	.07	.1	26	12	1148	7.94	.35	.96	3678	10	.21	20	.14	129	ND	ND	57	ND	13	ND	ND	213
L9750N 10675W	.8	1.79	615	ND	116	ND	.28	.1	19	9	284	8.82	.38	.80	1966	6	.23	19	.22	204	ND	ND	41	ND	28	ND	ND	281
L9775N 10350W	.1	1.05	138	ND	231	ND	.02	.1	11	4	453	7.77	.36	.37	1671	16	.17	6	.22	88	ND	ND	9	ND	13	ND	ND	127
L9775N 10375W	.4	1.53	126	ND	538	ND	.03	.1	23	5	879	9.55	.44	.32	3311	20	.20	11	.32	98	ND	ND	11	ND	21	ND	ND	147
L9775N 10400W	.1	1.14	454	ND	360	ND	.01	.1	3	4	415	10.56	.45	.33	539	27	.20	3	.32	100	ND	ND	12	ND	22	ND	ND	77
L9775N 10425W	.1	.51	1191	ND	255	ND	.01	.1	2	4	257	14.24	.60	.05	348	20	.24	4	.48	122	ND	ND	18	ND	17	ND	ND	51
L9775N 10450W	.1	1.73	117	ND	329	ND	.01	.1	5	7	454	7.58	.01	.52	809	18	.14	9	.25	92	ND	ND	11	ND	18	ND	ND	84
L9775N 10475W	.5	2.00	162	ND	335	ND	.03	.1	10	10	557	8.00	.24	.69	902	16	.15	8	.27	104	ND	ND	17	ND	16	ND	ND	106
L9775N 10525W	.1	1.36	361	ND	395	ND	.01	.1	3	5	389	9.95	.01	.38	463	27	.18	5	.31	90	ND	ND	12	ND	23	ND	ND	70
L9775N 10550W	5.1	1.71	1249	ND	447	ND	.03	.1	14	10	583	10.43	.02	.70	1126	20	.20	10	.30	219	ND	ND	48	ND	24	ND	ND	133
L9775N 10575W	21.7	2.19	2733	ND	115	ND	.05	.1	18	10	962	11.03	.01	.79	2271	27	.22	11	.26	387	ND	ND	171	ND	14	ND	ND	171
L9775N 10600W	2.2	2.57	1485	ND	50	ND	.05	.1	9	8	773	9.01	.02	.41	777	15	.15	8	.19	147	ND	ND	51	2	7	ND	ND	127
L9775N 10625W	6.4	2.43	1480	ND	102	4	.05	.1	16	11	533	9.99	.20	.71	1739	13	.19	12	.22	307	ND	ND	45	ND	11	ND	ND	156
L9775N 10650W	4.5	3.23	352	ND	99	ND	.08	.1	22	10	710	7.77	.28	.63	2613	11	.13	16	.21	129	ND	ND	30	3	9	ND	ND	187
L9775N 10675W	.1	1.76	232	ND	116	ND	.17	.1	15	8	252	7.68	.01	.71	1491	9	.16	15	.20	126	ND	ND	29	ND	19	ND	ND	161
L9800N 10350W	2.2	.79	171	ND	430	ND	.01	.1	2	5	458	9.83	.01	.22	247	34	.16	7	.30	153	ND	ND	21	ND	28	ND	ND	65
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: WESTERN CANADIAN MINING JOB#: 871555 PROJECT: 9101-KERR PROJECT REPORT: PA DATE: 87/10/27

SAMPLE NAME	AG PPM	AL %	AS PPM	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
L9800N 10375W	.9	1.57	103	ND	244	ND	.06	.1	37	7	718	10.63	.07	.49	5904	14	.38	12	.33	116	ND	ND	10	ND	35	ND	ND	164
L9800N 10400W	1.4	.72	298	ND	450	ND	.02	.1	4	6	308	8.49	.07	.32	373	36	.30	6	.29	97	ND	ND	4	1	24	ND	ND	63
L9800N 10425W	1.3	1.37	435	ND	317	ND	.01	.1	23	4	538	9.39	.07	.32	1694	27	.44	13	.26	98	ND	ND	7	ND	16	ND	ND	154
L9800N 10450W	1.6	1.52	172	ND	270	ND	.02	.1	9	7	456	8.02	.06	.38	699	21	.36	10	.23	113	ND	ND	7	1	19	ND	ND	80
L9800N 10575W	22.7	2.57	709	ND	178	ND	.13	.1	29	9	1499	8.59	.07	.82	2399	20	.54	15	.17	152	ND	ND	82	1	23	ND	ND	212
L9800N 10600W	1.2	2.25	270	ND	79	ND	.27	.1	31	8	829	7.31	.05	1.41	1939	6	.59	10	.24	129	ND	ND	21	ND	17	ND	ND	142
L9800N 10625W	6.6	2.17	532	ND	136	ND	.11	.1	46	8	1311	11.39	.14	.75	4215	20	.78	17	.32	217	ND	ND	78	2	9	8	ND	215
L9800N 10675W	5.1	.56	184	ND	66	ND	.02	.1	5	8	337	10.80	.13	.10	165	24	.59	7	.28	168	ND	ND	22	3	8	5	ND	50
KERR 9101 W.C.M.	2.9	1.19	102	ND	267	ND	.02	.1	5	6	446	8.71	.11	.26	340	35	.46	9	.29	92	ND	ND	13	5	20	3	ND	59
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LTD.
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1521 Pemberton St.
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Sample Preparation Facilities
Pasadena, Newfoundland
Thunder Bay, Ontario
Bathurst, Newbrunswick
Reno, Nevada

REPORT NUMBER: 871650 GA JOB NUMBER: 871650 WESTERN CDN. MINING CORP.

SAMPLE #	Au ppb
16679	25

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

BRANCH OFFICE: 4009 PANDORA ST. VANCOUVER B.C. V5L 1L5 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: WESTERN CANADIAN
ATTENTION:
PROJECT: 9101

REPORT#: 871650PA
JOB#: 871650
INVOICE#: 871650NA

DATE RECEIVED: 87/10/29
DATE COMPLETED: 87/11/05
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	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
16679	.1	1.90	25	ND	38	ND	2.25	20	29	126	4.55	.08	1.62	7508	1	.67	28	.17	19	ND	ND	ND	ND	67	ND	4	1295
DETECTION LIMIT	.1	.01	3	3	1	3	.01	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

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

DATE RECEIVED: NOV 3 1987
DATE REPORT MAILED: Nov 16/87

ASSAY CERTIFICATE

- SAMPLE TYPE: CRUSHED
AU** AND AG** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING File # 87-5441 Page 1

SAMPLE#	AG** OZ/T	AU** OZ/T
17007	.25	.041
17017	.24	.032
17021	.28	.019
17023	.28	.016
17025	.29	.017
17041	.28	.018
17139	.22	.014
17140	.43	.007
17236	.01	.001
17243	.40	.005
17244	.18	.009
17258	.10	.003
17259	.03	.002
17336	.05	.002
17352	.08	.009
17354	.02	.006
17357	.11	.012
17368	.17	.015
17372	.11	.014
17376	.14	.012
17378	.22	.018
17399	.04	.007
17401	.04	.004
17402	.12	.010
17416	.13	.012
17435	.58	.005
17440	.27	.010
17441	.01	.003
17451	2.11	.011
17452	.01	.002
3573	.09	.013
3574	.37	.021
3579	.06	.011
3583	.21	.046
3585	.11	.022
3586	.09	.019

SAMPLE#	AG** OZ/T	AU** OZ/T
3590	.16	.017
3594	.02	.001
3595	.01	.001
3596	.03	.007
3603	.26	.008
3604	.17	.012
3606	.08	.013
3607	.10	.014
3608	.03	.009
3612	.07	.008
3613	.10	.008
3616	.02	.003
3622	.06	.003
3629	.16	.010
3639	.16	.035
3640	.10	.010
3641	.05	.002
3651	.03	.020
3739	.01	.001
3748	.09	.003
3749	.23	.004
3750	.08	.018
3751	.50	.001
3766	3.97	.041
3767	1.35	.017
3768	.18	.001
3771	1.85	.135
3772	.63	.033
3773	2.03	.060
3775	.06	.338
3776	.68	.060
3783	.01	.001
3784	.02	.001
3785	.01	.001
3788	.06	.003
3789	.03	.001

SAMPLE#	AG** OZ/T	AU** OZ/T
3795	.01	.003
3801	.42	.025
3807	.11	.010
3808	.12	.006
3809	.12	.015
3812	.13	.006
3813	.11	.003
3814	.14	.006
3815	.14	.010
3816	2.64	.025
3817	1.78	.046
3818	1.55	.044
3828	.27	.006

ACME ANALYTICAL LABORATORIES LTD.
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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 22 1987
DATE REPORT MAILED: Nov. 3/87.

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips AU - 10 GM REGULAR ASSAY.

ASSAYER: .... D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN PROJECT-9101 File # 87-5041

SAMPLE#	CU %	AG oz/t	AU oz/t
T04234	.49	.36	.003
T04238	1.91	33.77	.043
T04241	1.30	15.92	6.110

APPENDIX "D"

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist
A.L. LITTLEJOHN, M.Sc. Geologist
JEFF HARRIS, Ph.D. Geologist

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Invoice #6919)
6969)

Report for: Michael Jerema,
Western Canadian Mining
1170-1055 West Hastings St.,
Vancouver, B.C.
V6E 2E9

December 2nd, 1987

Samples:

23 rock and core samples from Project Kerr 9101 for sectioning and petrographic examination.

Samples were prepared as per instructions: details are as follows:

Sample	Preparation type	Sample	Preparation type
T 04223	Polished block	16773	Thin section
T 04233	Polished block	16778	Polished thin section
T 04234	Polished block	17436	Polished block
T 04235	Polished thin section	17437	Polished thin section
T 04238	Polished block	17439	Polished block
T 04239	Polished thin section	3612 A	Polished block
T 04241	Polished thin section	3612 B	Polished block
16511	Polished thin section	3612 C	Polished thin section
16539	Polished thin section	3775 A	Polished thin section
16642	Thin section	'Gold sample'	Polished block
16650	Polished block		
16679	Polished thin section		
16680	Polished thin section		

Summary:

This suite includes a variety of rocks, most of them more or less strongly altered and/or mineralized. Partial limonitization of sulfides is also prevalent. Au was located in 5 of the 23 samples.

Compilation of an interpretative summary is hampered by the fact that no information on rock type is available for about half of the samples (polished blocks), that they come from several different, possibly genetically distinct showings, and that a number of them are peculiar rocks of indeterminate origin.

They are dealt with in the following summary by separate showings.

T-series: (Hal North showing: Samples 4223, 33, 34, 35, 38, 39 and 41)

Of the three samples where rock type information is available, 4235 appears to be a sericitized felsic tuff and 4239 and 4241 are strongly potassic rocks (latite flows or possibly tuffs), sericitized and silicified.

Mineralization in this group is disseminated pyrite with accessory chalcopyrite and, in 3 of the 7 samples, a little tetrahedrite. The copper minerals are typically as fine disseminations in silicate gangue and show minimal intergrowth with pyrite.

One sample (4241) has minor arsenopyrite. No gold was seen in any of this group.

16000 series: (Various showings)

16511 and 16539 are strongly silicified rocks with sparsely disseminated pyrite. 16539 also has chalcopyrite and traces of tetrahedrite, argentite and gold.

16642 is a thinly bedded tuffaceous siltstone.

16650 (Pyramid showing) is strongly mineralized with disseminated pyrite and accessory chalcopyrite, the two sulfides being closely intergrown. It lacks the traces of molybdenite which would convincingly relate it to samples 3612 A - C.

16679 is a carbonated shear zone with traces of barite and disseminated pyrite.

16680 is largely composed of chlorite, with a folded sericitic band containing pyrite and closely associated traces of chalcopyrite. It may be a mafic ash tuff.

16773 is a strongly sericitized crowded porphyry or crystal tuff. It originally contained pyrite, but is now strongly oxidized and impregnated by limonite.

16778 is a rock of unknown origin, composed of granular K-spar, pervasively amphibolitized. It is mineralized with pyrrhotite.

17000 series: (DDH K87-6: Samples 17436, 7 and 9)

This group of samples shows closely similar mineralization of an intimate impregnation type. Sulfides are chalcopyrite, pyrite and minor tetrahedrite. These show very fine-grained mutual intergrowths with gangue, of a type often seen in volcanic exhalative deposits. Gold was identified in 2 of the 3 samples.

DDH K87-8 area: (Samples 3612 A - C and 3775 A)

3612 C is an intensely altered, foliaceous sericite rock, with streaks of quartz and disseminated pyrite. Minor chalcopyrite and traces of molybdenite are present.

3612 A and B show similar mineralization, with chalcopyrite typically rather closely intergrown with the dominant pyrite.

3775 is a sericitized porphyry or crystal tuff, veined and permeated by quartz and carbonate. It contains disseminated pyrite but no chalcopyrite. Fine-grained gold was detected.

Individual petrographic descriptions of each sample are attached, together with a set of photomicrographs illustrating typical styles of sulfide intergrowth and modes of occurrence of gold.

J.F. Harris Ph.D.

PHOTOMICROGRAPHS

All photos are by plane polarized relfected light. Scale 1 cm = 42 microns except where otherwise stated.

Sample No.	Neg. No.	
16537	106-0	Native Au as 15 micron inclusion in pyrite (circled). Tiny grey inclusions in centre of same pyrite grain are argentite. Coarser Au grain (25 microns) at far right, associated with pocket of argentite (dusty light grey) in quartz (dark grey matrix).
	106-1	15 micron Au grain (circled) intergranular to pyrite (cream colour) in quartz (dark background). Hairline veinlets (grey) cutting the pyrite are limonite. Note also elongate area of limonite (bottom left) representing total alteration of a pocket of chalcopyrite in quartz.
3775 A	106-2	Minute inclusions (2 - 5 microns) of gold (bright specks in circled areas) in pyrite.
17439	106-3	10 micron Au grain (bright yellow, upper right centre) on contact of patch of tetrahedrite (grey) in chalcopyrite (yellow). Note fine-grained inclusions of pyrite (cream colour) in some areas of the chalcopyrite. Pyrite/chalcopyrite grains in quartz (dark background) at left show rimming by limonite and secondary Cu minerals (dark grey and blue).
	106-4	Example of fine textural intergrowth of pyrite (cream) in chalcopyrite (yellow). Silicate gangue (black) is an additional component in some areas. Note relatively coarse tetrahedrite (light grey, right) intergrown with chalcopyrite.
Gold sample	106-5	Shows bright yellow native gold in quartz. Diffuse glints between exposed gold suggest continuation as connected 'sponge' in quartz below plane of section. Note two tiny pyrite cubes (cream colour, centre and left) one with a minute included bleb of gold.
17436	106-6	Tiny (7 micron) speck of gold (circled) in chalcopyrite (yellow). Nearby small whitish grains are pyrite. Note intimate pockety intergrowth of chalcopyrite with gangue (black).
16650	106-7	Scale 1cm = 85 microns. Illustrates typical textural relationships of chalcopyrite (yellow) and pyrite (cream) in silicate gangue (black). Chalcopyrite moulds around and between pyrite and forms occasional small inclusions.
3612 B	106-8	Scale 1cm = 85 microns. Illustrates typical chalcopyrite/pyrite relationships in this sample.

4238	106-9	Scale 1 cm = 85 microns. Illustrates textural mode of tetrahedrite (light grey), as large and small inclusions in pyrite, sometimes composite with chalcopyrite (yellow) and as discrete small pockets in gangue (dark background)and on pyrite contacts.
4239	106-10	Scale 1 cm = 85 microns. Typical mode of occurrence of chalcopyrite as intergranular pockets and threads in quartz vein.
16539	106-11	15 micron thread of gold (yellow, between the two pyrite grains) in gangue. Note chalcopyrite pockets (right) strongly rimmed by limonite (grey).
16539	106-12	15 micron gold grains (high relief, yellow, circled) on contact of pyrite (cream) and gangue (dark background), and in micro-fracture in pyrite. Dark inclusions in pyrite (bottom right) are argentite (lighter grey blebs, one with minute intergrown gold speck) and limonite (darker grey, elongate, fuzzy boundaries). Yellow inclusions are chalcopyrite.
16778	106-13	Scale 1 cm = 85 microns. Shows crustified, colloform character of pyrrhotite (speckled, cream) with vuggy, dark pockets of non-polishing, altered material. Patch of intergrown chalcopyrite (yellow, bottom right) and euhedral crystals of sphene (grey, diamond-shaped; bottom, centre right).

Sample T 04223 (Polished block)

Estimated mode

Gangue	98
Pyrite	1
Chalcopyrite	1
Limonite	trace

Sulfides occur as fine-grained disseminations, closely associated with streaks and patches of sericitic(?) material (altered host-rock inclusions?) in a dominantly quartzose(?) matrix.

Pyrite forms individual subhedral grains, 0.05 - 1.0mm in size, often in clusters. These sometimes have small inclusions of silicates and rare chalcopyrite, and are occasionally rimmed by limonite.

Chalcopyrite, though spatially associated with the pyrite, is seldom, if ever, physically intergrown with it. It typically occurs marginal to pyrite as clusters of tiny irregular grains, 0.01 - 0.3mm in size, impregnating sericitic(?) gangue. The chalcopyrite is also commonly rimmed by a thin shell of limonite.

Sample T 04233 (Polished block)

Estimated mode

Gangue	99
Pyrite	1
Limonite	trace
Tetrahedrite	trace

Sulfides occur as fine-grained disseminations confined to discrete zones which appear to be folded bands and patches of altered (sericitic?) host rock in a quartzose (silicified?) matrix.

They consist almost entirely of pyrite, as individual subhedra, 0.02 - 0.3mm in size, locally clustered. These are often rimmed and veined by limonite.

The pyrite is monomineralic and no chalcopyrite is seen in this slide.

The only other opaque constituent is a light grey isotropic mineral with the appearance of tetrahedrite. This occurs, confined to one small area of the slide, as a cluster of irregular grains 0.02 - 0.2mm in size.

It is without associated pyrite, but often appears rimmed by a transparent gangue or alteration product.

Sample T 04234 (Polished block)

Estimated mode

Gangue	99.8
Pyrite	trace

This sample appears to consist essentially of limonitized quartz.

Sulfides are confined to traces of very fine-grained disseminated pyrite, as grains 5 - 50 microns in size. These appear to be related to pockets and streaks of limonite-impregnated carbonate (?) in the quartz.

Sample T 04235

Estimated mode

Quartz	12
Sericite	57
Felsite (plagioclase?)	10
K-feldspar	4
Chlorite	5
Carbonate	1
Rutile	1
Apatite	trace
Pyrite	10
Chalcopyrite	trace
Tetrahedrite	trace

This is a fine-grained, rather heterogenous rock composed largely of minutely fine-grained sericite. This shows streaky and patchy variations to a composition in which felsitic material predominates, or in which there is substantial development of diffuse clumps and individual grains of fine-grained quartz and K-feldspar. Felted chlorite forms local wisps and clumps, especially in association with some clusters of disseminated sulfides. Carbonate is seen as scattered, tiny, diffuse pockets to 0.2mm. Tiny flecks of rutile are dusted throughout.

The textural aspect is clearly that of a pervasively altered lithic tuff of felsic composition. The alteration has generally obscured the fragment outlines, but these appear to have ranged in size from 0.2 - 5.0mm or more. Some irregular, lensy structures probably represent bedded intercalations of finer, ashy material.

The rock contains irregularly disseminated fine-grained sulfides. These are almost entirely pyrite, as clumps and strings of subhedral grains, 0.02 - 0.5mm in size (rarely to 1.0mm). These commonly show marginal embayment by the matrix and have silicate inclusions.

The pyrite distribution appears to follow certain compositional wisps and patches within the host. It may also be controlled, in part, by local micro-fracturing. Pyrite grains are sometimes mantled and cemented by flaky sericite/chlorite or fibrous chert.

Chalcopyrite is a very minor accessory, as tiny interstitial flecks, threads and inclusions in pyrite clusters. Tetrahedrite is a rare associate.

Sample T 04238 (Polished block)

Estimated mode

Gangue	85
Pyrite	10
Chalcopyrite	3
Tetrahedrite	2
Galena	trace
Sphalerite	trace
Limonite	trace

Sulfides occur as irregular clumps and streaks of more or less densely disseminated grains.

Pyrite is the dominant constituent, as generally irregular grains 0.02 - 1.0mm in size, and semi-coalescent clumps of such grains. They show weak alteration to limonitite, via rims and hairline fractures.

The copper minerals, chalcopyrite and tetrahedrite, typically occur as simple intergrowths on the scale 0.05 - 0.3mm. They are spatially associated with the pyrite clusters but, for the most part, not physically intergrown with pyrite. Rather they form clusters of small disseminated/interstitial grains in gangue.

Occasionally the Cu minerals mould on to pyrite and, in such situations, appear to replace small included pyrite grains. Rarely the Cu minerals occur as threads and blebs within pyrite, but the bulk of the pyrite is free of inclusions.

Tiny grains of galena and sphalerite are sometimes associated with the chalcopyrite-tetrahedrite. The latter is a rapidly tarnishing variety which may be Ag-rich.

No Au minerals were seen.

Sample T 04239

Estimated mode

K-feldspar	40
Plagioclase	3
Quartz	30
Sericite	22
Chlorite	trace
Rutile	trace
Pyrite	2
Chalcopyrite	2
Malachite	trace
Limonite	1

This sample appears to consist of a fine-grained K-feldspathic rock (latite?) showing strong pervasive and vein-type alteration.

The original matrix appears to have been essentially monomineralic, being made up of fine-grained felsitic K-spar with small, rather diffuse K-spar phenocrysts in the size range 0.2 - 1.0mm.

This matrix is cut by a dense network of hairline wisps of sericite, grading to minute intergranular flecks.

The slide includes an area of granular quartz (apparently part of a vein). Apophyses of this vein penetrate the feldspathic host, as more or less distinct quartz veinlets, grading to networks of more diffuse silicification.

Occasional pockets of fresh plagioclase in the altered host appear to be of a secondary nature, associated with the silicification. Albite is an accessory component in some of the veinlets.

Mineralization occurs both in the quartz vein and in the altered host.

In the vein, the sulfides are predominantly chalcopyrite, as intergranular pockets and networks, of grain size 0.01 - 0.2mm. They are commonly rimmed by limonite. A few clusters of pyrite are also present.

In the host rock, the sulfides are randomly disseminated, irregular flecks of chalcopyrite, similar in size to those in the vein, plus relatively abundant subhedral pyrite grains to 0.5mm.

Generally, chalcopyrite and pyrite are well segregated, and little mutual intergrowth is seen. There is a tendency for sulfides to concentrate in sericitic veinlets and sericite envelopes to quartz-albite veinlets.

Occasional flecks of malachite are associated with the sulfides in the host rock, but the limonitization prevalent in the quartz vein appears absent.

Sample 16511

Estimated mode

Quartz	86
Sericite	12
Rutile	trace
Pyrite	2

This is an intensely altered (silicified) rock exhibiting a crudely-banded texture with possible remnant fragmental features (see cut-off block).

It is composed of sub-parallel, vein-like bodies and clumps of relatively coarse comb-textured quartz within a silicified matrix of minutely felsitic texture. This is diffusely sericitized and includes patchy and streaky concentrations of more intense sericitization (altered phenocrysts or clasts?). Flecks and dusty disseminations of rutile are a trace accessory.

The only sulfide is pyrite, as a few more or less concentrated patches of fine-grained dissemination. Pyrite grain size is 10 - 100 microns (rarely to 200 microns) and form is equant, subhedral. Generally the pyrite clusters occur in silicified felsite areas, rather than in the coarser vein type quartz or the strongly sericitic patches.

The origin of this rock is indeterminate. It is probably an intensely silicified tuff or volcanic.

Sample 16539

Estimated mode

Quartz	94
Chlorite) Clay)	2
Pyrite	1
Chalcopyrite	1
Tetrahedrite	trace
Argentite	trace
Gold	trace
Limonite) Malachite)	2

This sample consists essentially of a heterogenous aggregate of quartz in the form of randomly oriented subhedral grains to 2.0mm, and clumps of such grains, cemented by finer grained intergrowths ranging down to 0.01mm in grain size. The fabric has somewhat the aspect of a totally silicified breccia or volcanic, or may be a form of vuggy quartz vein or recrystallized chert.

The only accessory silicates are vuggy pockets and irregular threads of a brownish, cryptocrystalline, essentially isotropic material which may be a form of clay.

The rock is sparsely mineralized with pyrite and chalcopyrite as random disseminations. The pyrite forms individual subhedral grains, often somewhat rounded, 0.02 - 0.5mm in size. The chalcopyrite forms tiny intergranular pockets, threads and networks in the granular quartz matrix, rarely expanding to patches up to 0.2mm in size.

Chalcopyrite and pyrite show little or no intergrowth. Very occasionally chalcopyrite is seen moulded on to pyrite.

Traces of tetrahedrite are intergrown with chalcopyrite, or form discrete pockets in the quartz.

Argentite is another trace accessory, as tiny pockets (to 100 microns) in quartz or, less commonly, inclusions in pyrite.

Native gold was seen, as grains 2 - 25 microns in size, in several situations. Most commonly it occurs with argentite, but was also seen as discrete blebs in pyrite, as composite inclusions with chalcopyrite in pyrite, and on the contact of pyrite and quartz.

The sulfides show rather strong oxidation, in the form of rimming and veining by limonite. Redistributed limonite and malachite are also common as small threads and pockets throughout the quartz matrix.

Sample T 04241

Estimated mode

K-feldspar	78
Plagioclase	2
Quartz	3
Sericite	7
Chlorite	3
Carbonate	3
Rutile	1
Apatite	trace
Pyrite	2
Arsenopyrite	1
Chalcopyrite	trace
Malachite	trace

This is a rock of very similar type to the previous sample, but less extensively altered.

It consists dominantly of fine-grained, felsitic K-feldspar of grain size 10 - 20 microns. Small, more or less diffuse crystals, in the size range 0.05 - 0.2mm, are seen in certain areas, and there are rare clumps of prismatic crystals to 1.0mm. The textural aspect is somewhat suggestive of a fine tuff, but it could be a sparsely porphyritic flow of latite composition.

Weak pervasive dusting with sericite is observed throughout, and there are some patchy variations in intensity, possibly reflecting original fragmental structures.

Pockets of chlorite and, less commonly, of quartz are seen and these locally concentrate as diffuse, wispy or vein-like zones of more intense alteration.

A few discrete hairline veinlets of quartz, albite and quartz/carbonate are seen.

Sulfides occur as rather evenly distributed, fine-grained disseminations, sometimes clumped or as elongate trains. Some of the coarser sulfide clumps are mantled by chlorite and associated quartz.

Pyrite is the main sulfide, as euhedra 0.02 - 0.5mm in size, occasionally corroded or skeletal in form. Arsenopyrite occurs as finer, sharply euhedral grains (0.01 - 0.1mm). It forms discrete clusters and is not intergrown with pyrite.

Accessory chalcopyrite occurs as disseminated minute flecks, 5 - 30 microns (rarely to 100 microns), again generally showing a lack of intergrowth with the other sulfides.

Sample 16642

Estimated mode

Sericite	82
Carbonate	4
Plagioclase	5
Chlorite	5
Quartz	2
Rutile) Sphene)	2
Pyrite	trace

This is a very fine-grained rock of sedimentary aspect, composed largely of sericite.

It consists of interlaminated thin beds (on the scale 1 - 5mm) of microgreywacke to mudstone character.

The coarsest beds apparently consist of close-packed, tiny, lithic clasts of strongly sericitized felsite, 30 - 100 microns in size. Other components are interstitial chlorite, granules of carbonate and occasional tiny clasts of quartz and plagioclase. Fine-grained flecks of rutile occur throughout. This assemblage has the aspect of a bedded tuff or volcaniclastic.

The finer bands are probably of similar composition, but relatively enriched in sericite. Individual clasts are not distinguishable, and the minute sericite aggregate shows only a very faint foliation.

The rock is cut, and the constituent beds offset, by a network of fractures or microfaults, now filled by carbonate with quartz. An unusual accessory in these threadlike veinlets (which locally expand to small pockets) is well-crystallized sphene. This occurs as scattered grains within and adjacent to the veinlets, and sometimes concentrates as partial selvedges - grading to stylolitic wisps of rutile/ leucoxene. The sphene may be a recrystallized form of the prevalent fine-grained disseminated rutile.

Occasional grains of pyrite are associated with the carbonate veining phase. No base metal sulfides were observed.

This rock is an apparently unmetamorphosed, fine-grained tuffaceous siltstone.

Sample 16650 (Polished block)

Estimated mode

Gangue	80
Pyrite	18
Chalcopyrite	2
Fe/Ti oxides	trace

Sulfides occur as irregularly distributed patches, networks and trains of partially coalescent tiny grains in gangue.

The dominant constituent, pyrite, forms subhedral grains, 0.02 - 0.5mm in size, locally coalescing to form clumps up to 2.0mm or so.

The accessory sulfide is chalcopyrite. This occurs intimately associated with the pyrite, as adhering edges on, and inclusions in,individual grains, interstitial pockets between pyrite clusters, and patches moulding on to and locally enveloping pyrite. Some chalcopyrite also occurs as individual grains in gangue.

Chalcopyrite grain size is mainly 0.02 - 0.1mm with occasional segregations to 0.5mm or more.

Minute specks of magnetite and rutile are occasionally associated with the sulfides. Rare wisps of limonitic alteration are also seen, rather surprisingly affecting chalcopyrite more than pyrite.

Sample 16679

Estimated mode

Calcite	70
Quartz	6
Plagioclase	14
Sericite	6
Barite	trace
Pyrite	2
Limonite	2

This sample appears to consist of a carbonate vein or alteration zone flanked by selvedges of limonitized sericitic material which may represent portions of the enclosing wall-rock.

The carbonate zone is heterogenous. It consists of patchy/streaky alternations of very fine-grained calcite, with or without intergrown felsitic plagioclase, aggregates of microgranular quartz, and masses of much coarser carbonate. Oriented fabrics and augen structures are common, and the impression is that this is a zone of carbonate alteration and shearing.

Occasional bladed crystals of barite are present, discordant to the general fabric and probably of late-stage development.

The assumed wall-rock material is composed of strongly foliated,sericitized felsite with microgranular augen of quartz. It has the aspect of a tuff or sheared porphyry. It is wispily pervaded by limonite.

Both lithotypes contain disseminated pyrite, as individual grains 0.01 - 0.5mm in size. These show a notably rounded form, and are strongly rimmed by limonite in the wall-rock phase. In the carbonate zone they are more euhedral and fresher.

No other sulfides were seen.

Sample 16680

Estimated mode

Chlorite	70
Sphene) Epidote)	6
Sericite	14
Plagioclase	1
K-feldspar	1
Quartz	1
Pyrite	7
Chalcopyrite	trace

This is another mineralogically specialized rock of unknown origin. It is composed predominantly of chlorite as a structureless, minutely felted aggregate of grain size 5 - 10 microns. This contains abundant tiny clusters and wisps of a minutely fine-grained mineral of high relief and birefringence - probably sphene, possibly with some epidote. These are rather evenly disseminated through the chlorite, tending to occur in lines and defining an incipient foliation.

The other main constituent is what appears to be almost totally sericitized feldspar - now a minutely felted aggregate of sericite similar in texture to the enclosing chlorite, with rare diffuse remnants of granular feldspar. Flecks and irregular patches of chlorite occur semi-gradationally throughout the felted sericite.

The sericitic component forms irregular bands and clumps throughout the chlorite matrix, suggestive of ptygmatically folded laminae. The orientation of the lines of sphene granules in the chlorite locally conforms to the sinuous form of the sericitic band(s).

Small grains of K-feldspar and clusters of granular quartz are locally associated with the sericite.

Pyrite also shows a striking tendency to concentrate within, and especially in the peripheral areas of, the sericitic bands. Individual pyrite grains in this situation are commonly mantled by chlorite. No pyrite is seen in the main chlorite matrix, except in association with rare wisps of quartz and coarser chlorite.

The pyrite forms subhedral, often partially skeletal, semi-coalescent grains, 0.05 - 1.0mm in size, often with dusty inclusions of silicate material.

Chalcopyrite occurs as a trace accessory as tiny flecks moulded on, or interstitial to, pyrite. Very rare traces of sphalerite and galena were also seen, but no source of Au values could be identified.

This rock may be a mafic ash tuff showing soft sediment deformation.

Sample 16773

Estimated mode

Sericite	65
Felsite	15
Quartz	5
Limonite	15

This is a strongly altered rock showing remnant textural features of a porphyritic volcanic or crystal tuff. It now consists predominantly of sericite.

Close-packed, euhedral prismatic pseudomorphs, 0.2 - 2.5mm in size, composed of felted sericite (and presumably after plagioclase) are set in a fine-grained felsitic matrix. This is pervasively sericitized and contains diffuse granules and tiny microgranular clumps of quartz.

The rock is strongly impregnated by limonite via vuggy crustified veinlets with extensive marginal patches of pervasive replacement. Limonitization also concentrates along a central zone of microshearing oblique to the crustified veinlets.

In the areas of pervasive limonitization, many of the individual sericite pseudomorphs show limonite impregnation in the form of pseudo-cellular replacements picking out what almost looks like a pumiceous texture. The pseudomorphs are a mixture of angular prismatic and more irregular shapes and may, in fact, include both crystals and lithic clasts.

The closely packed distribution of the pseudomorphs with minimal matrix is more characteristic of a pyroclastic than a porphyritic effusive, and this rock is tentatively classified an altered felsic crystal tuff.

The rock contains no fresh sulfides, but there are numerous empty, equant cavities which are probably the sites of original pyrite grains, now leached out (or plucked during slide preparation). The limonite may represent the mobilization of iron from endogenic pyrite, probably augmented by some short-range redistribution from elsewhere in the body of rock.

It is quite conceivable that a rock of this kind could carry gold. The sample was not prepared as a polished section so no microscopic verification of this can be made.

Sample 16778

Estimated mode

K-feldspar	52
Amphibole	27
Sphene	1
Altered pyrrhotite	18
Chalcopyrite	trace
Sphalerite	trace
Secondary Cu minerals	trace
Limonite	2

This is a rock of uncertain mineralogy and origin.

As is clearly apparent from the strongly positive cobaltinitrite stain on the cut-off block, the rock is composed largely of K-feldspar. This is in the form of an equigranular, mosaic-type aggregate of grain size 0.1 - 0.3mm, with intergrown patches and networks of finer, felsitic material.

This matrix is strongly pervaded by a fine-grained, colourless to pale green, acicular mineral thought to be a form of amphibole. This forms irregular, randomly-oriented clusters and diffuse patches - often seemingly of embryonic character and with ill-defined optical properties. Small granules of sphene are commonly associated.

Another, lower relief, lower birefringent phase may also be present in minor quantity. This forms irregular pockets intergrown with K-spar, and may possibly be scapolite.

There is a close association between the amphibole and the sulfides. The latter consist predominantly of veinlike masses and irregular, vuggy networks of crustified, fine-grained, strongly altered pyrrhotite. Vuggy cavities are commonly cemented by limonite, which also occurs as areas of diffuse staining.

Chalcopyrite is a minor accessory, occurring as small specks and occasional coarser pockets to 0.2mm. It occurs as patches of fine-grained disseminations in gangue, and as moulded-on or included grains in pyrrhotite masses. Rare traces of associated sphalerite are seen.*

The chalcopyrite is sometimes rimmed by secondary Cu minerals (covellite and/or digenite).

The origin of this rock is unclear. It does not exhibit any typical igneous textures, and the fibrous amphibole has a secondary appearance, suggesting that it may be a form of alteration associated with the mineralization. The granular fabric of the K-spar looks somewhat like a recrystallized or metasomatic texture.

* Euhedral grains of sphene occur within the pyrrhotite.

Sample 17436 (Polished block)

Estimated mode

Gangue	60
Chalcopyrite	28
Pyrite	11
Tetrahedrite	trace
Electrum	trace
Secondary Cu minerals)	1
Limonite)	

Sulfides occur as fine-grained impregnations of gangue, showing a crudely-banded or irregular, patchy distribution.

Chalcopyrite is the dominant sulfide. It occurs as irregular grains, 0.01 - 0.1mm in size, more or less densely disseminated in gangue. These coalesce as intimate network intergrowths with gangue and, locally, form segregations up to several mm in size which are more or less densely packed with tiny gangue inclusions 0.02 - 0.2mm in size.

Pyrite forms subhedral grains, 0.02 - 0.3mm in size, as individuals and clusters within the chalcopyrite/gangue intergrowths.

Tetrahedrite is seen as a few, rather well-segregated, irregular patches, 0.1 - 0.5mm in size, in gangue and as scattered, much smaller, included grains within chalcopyrite.

Minute specks of electrum, 1 - 12 microns in size, were seen randomly scattered in chalcopyrite or associated with tetrahedrite inclusions in chalcopyrite. This is unlikely to be physically separable, and would presumably report in a copper concentrate.

The intimate intergrowth of chalcopyrite and gangue will require very fine grinding to permit separation. The prevalence of thin oxidized rims (secondary Cu minerals and/or limonite) on many of the chalcopyrite grains may also be a factor in metallurgical treatment.

The textural mode of the sulfides in this sample is suggestive of a volcanogenic (exhalative) deposit.

Sample 17437

Estimated mode

Quartz	83
Plagioclase	1
Carbonate	1
Chlorite	2
Chalcopyrite	12
Pyrite	1
Tetrahedrite	trace
Sphalerite	trace
Secondary Cu minerals) Limonite)	trace

The host rock in this sample is a vari-granular, texturally heterogenous aggregate of quartz of grain size 0.03 - 1.0mm. It is very similar to the previous sample (16539) except that the origin, as a total replacement of a pre-existing breccia, is more clearly apparent. This slide contains scattered, remnant, angular fragments, composed of chlorite and felsite, some of them still fairly coherent, others largely assimilated by the quartz and recognizable only as finer-grained, 'dusty' patches in the quartz matrix.

A few irregular patches of carbonate are locally intergrown with the quartz, and a high relief, minutely fine-grained form of carbonate is seen in dispersed form as intergranular threads and tiny pockets.

This sample is more strongly mineralized than 16539, and the predominant sulfide is chalcopyrite. This occurs as semi-continuous networks and intergranular permeations of the quartz, in the form of pockets and threads from 10 microns up to 1 or 2mm in size. The coarser pockets are generally packed with numerous included grains of quartz and pyrite.

The chalcopyrite impregnation tends to favour the medium and finer-grained areas of quartz, leaving the coarser clumps and patches unmineralized.

Pyrite is an accessory constituent, as individual grains 0.02 - 0.5mm in size. A few, commonly containing bleb-like inclusions of chalcopyrite, are randomly disseminated in the quartz. The majority occur as clusters within pockets of chalcopyrite, and are intimately cemented and occasionally veined by the matrix chalcopyrite.

This is a fine-grained type of intergrowth which will require a grind to 50 microns or less for adequate liberation in milling.

Tetrahedrite was seen as individual grains to 100 microns, randomly intergrown with chalcopyrite or pyrite, or as pockets in quartz.

Some chalcopyrite shows rimming and veining by secondary products.

No gold was located.

Sample 17439 (Polished block)

Estimated mode

Gangue	56
Pyrite	32
Chalcopyrite	10
Tetrahedrite	2
Electrum	trace
Secondary Cu minerals)	trace
Limonite)	

Sulfides in this sample occur as fine-grained, crudely-banded impregnations, clumps and clusters in gangue.

It closely resembles 17436 in general character, but has a much higher ratio of pyrite to chalcopyrite. Sulfide/silicate and sulfide/sulfide intergrowths are typically of extremely fine-grained, intimately admixed character.

Some areas consist of densely disseminated to semi-coalescent pyrite grains, 0.05 - 1.0mm in size, with scattered pockets of chalcopyrite, 0.01 - 0.5mm in size, moulded on or cementing between pyrite grains. Some of the coarser pyrite grains have tiny inclusions of chalcopyrite and tetrahedrite, 5 - 20 microns in size.

This textural type grades to extensive patches of chalcopyrite acting as a matrix to abundant, close-packed, tiny semi-coalescent euhedra of pyrite, 0.01 - 0.1mm in size.

Other areas include gangue as a third component in intimate intergrowth with the sulfides. A few patches were also seen where tetrahedrite is a significant component, intergrown with chalcopyrite and gangue on a scale of 0.05 - 0.2mm.

Limonite cements fine-grained pyrite in some areas, and chalcopyrite is occasionally rimmed by secondary Cu minerals and limonite.

A few minute specks of native Au or electrum up to 5 microns in size were seen. These show diverse associations, occurring within chalcopyrite, limonite and gangue.

This material looks like a difficult proposition metallurgically. A clean copper concentrate will be very hard to produce, and the gold values show no consistent association.

Sample 3612 A (Polished block)

Estimated mode

Gangue	90
Pyrite	9
Chalcopyrite	trace
Secondary Cu minerals	trace
Fe-Ti oxides	trace
Molybdenite	trace

Sulfides occur as strings, fine-grained clusters and random disseminations in gangue.

Pyrite is the predominant constituent, occurring as subhedral individuals, 0.1 - 0.5mm in size (rarely to 1.0mm), locally clustered.

Chalcopyrite is minor. It occurs as tiny moulded-on grains and edges to pyrite, and sparse, tiny inclusions within pyrite grains. It also occurs unassociated with pyrite, as individual granules, 0.01 - 0.1mm in size, disseminated in gangue. Some of these show rims of secondary Cu minerals and limonite.

Sparse specks and clusters of ilmenitic oxides and rutile are present but show no particular association with the sulfides.

One small flake of molybdenite was seen (free, in gangue).

Sample 3612 B (Polished block)

Estimated mode

Gangue	92
Sulfides	8

This sample is essentially identical to 3612 A. Chalcopyrite is possibly slightly more abundant and no secondary Cu minerals were noted. It shows a similar grain size and mode of association with pyrite as in the previous sample.

Possible rare traces of sphalerite were seen associated with chalcopyrite, and of pyrrhotite as tiny composite inclusions with chalcopyrite in pyrite.

A few flecks of molybdenite, to 0.1mm in size, occur disseminated in gangue or, more rarely, are intergrown with pyrite.

Sample 3612 C

Estimated mode

Quartz	20
Sericite	64
Plagioclase	3
Carbonate	trace
Rutile	1
Pyrite	12
Chalcopyrite	trace
Molybdenite	trace
Secondary Cu minerals	trace
Limonite	trace

This is an intensely altered rock whose origin is obscure.

It consists essentially of a foliaceous mass of fine-grained sericite, within which slightly coarser wisps define a weak irregular foliation. Occasional areas of probable remnant felsitic plagioclase are recognizable within the sericite matrix. Dust-sized rutile is also prevalent throughout.

The weak foliation is generally paralleled by a number of diffuse lenticular concentrations of disseminated pyrite, strongly cemented by lamellar-textured, cherty quartz. A few lenses of more evenly microgranular quartz, without pyrite, are also present.

The rock is probably of volcanic origin, and may be a fine-grained tuff. No trace is seen of remnant phenocrysts such as might be expected in an altered porphyry, and the distribution of quartz and sulfides appears banded (bedded?). Shearing may have been a factor in the development of this strongly altered rock.

The sulfides are almost entirely pyrite, as swarms of individual subhedral grains, 0.02 - 1.0mm in size (rarely to 2.0mm). These are commonly closely clustered, but seldom coalesce.

Chalcopyrite is a minor accessory, as irregular grains, 10 - 100 microns in size, disseminated in the silicate gangue or, more commonly, moulded on or between pyrite grains. Occasional tiny inclusions, 5 - 30 microns in size, of chalcopyrite in pyrite are seen.

Rare small flakes of molybdenite to 0.1mm are present, generally separate from the other sulfides.

Limonite and secondary Cu minerals locally rim the primary sulfides. Small wisps and clusters of a high relief, sometimes fibrous/spherulitic, brown carbonate occur with the quartz which hosts and cements the sulfides.

Sample 3775 A

Estimated mode

Quartz	5
Sericite	65
Plagioclase	10
Carbonate	15
Chlorite	2
Rutile) Sphene)	trace
Apatite	trace
Pyrite	3
Gold	trace

This is another strongly altered rock of volcanic affinities. It is strongly pervasively sericitized and rather evenly flecked with fine-grained carbonate.

Pseudomorphous phenocrysts and/or fragment forms are common throughout, principally in the size range 0.1 - 2.0mm. These are composed of felted sericite and, in some cases, include some remnant plagioclase. A few small quartz grains may also be of primary origin.

The fabric looks, in part, like that of a flow-oriented porphyritic volcanic. However, there are other areas where the pseudomorphs are close-packed in random orientation and have much more the aspect of altered clasts in a fine, altered, felsitic, locally chloritic matrix.

Overall the impression is that this is an altered tuff with a high proportion of crystal clasts.

Identification is further obscured by the presence of a superimposed alteration in the form of irregular veniform patches and networks of coarser-grained carbonate and quartz.

The rock contains a little fine-grained disseminated pyrite, as clusters and lines of tiny subhedral grains 5 - 100 microns in size. Locally these are very close-packed and tend to coalesce to aggregates of 300 microns or more.

The distribution of the pyrite is heterogenous. In part it seems to concentrate with the coarser quartz-carbonate bodies, but it also forms scattered small clusters which may represent the impregnation of specific clasts, and wispy trains of granules which may follow microstructures.

Two polished thin sections were made of this rock. In one of them, an area of relatively coarsely coalescent pyrite was found to contain relatively abundant minute inclusions of gold, a few microns in size. No gold could be found anywhere else in the slide, or in the other slide of the same sample.

No sulfides other than pyrite appear to be present.

'Gold Sample' (Polished block)

Estimated mode

Gangue	99
Pyrite	1
Gold	trace

Opaques in this sample are sparsely disseminated, irregular to subhedral, individual grains of pyrite, 10 - 100 microns in size. These appear to be without included or associated sulfide phases.

One area, approximately 1mm x 2mm, in an apparent veinlet of carbonate(?), unaccompanied by pyrite, contains abundant, semi-connected threads and pockets, 5 - 300 microns in size, of native Au. This is apparently intergranular to some silicate component.

This area also contains one or two tiny pyrite cubes, one of which has included blebs of Au, 1 - 5 microns in size.

APPENDIX "E"

AN EXAMINATION OF REPLICATE ASSAYS ON ROCK AND DRILL CORE PULPS

PREPARED FOR

WESTERN CANADIAN MINING CORPORATION

BY

EDGAR F. PASKI B.Sc. Ph.D.(Cand.)

24 NOVEMBER, 1987

DESCRIPTION OF STATISTICAL TESTS USED

Comparison of the means of two populations using the t-test. In this test, two analytical methods are tested for consistent results within specified confidence limits. The confidence interval for the data must include zero if the two methods are consistent with each other. This is the simplest and most often applied test for comparing two sets of assays, it is useful for confirming gross differences between analytical methods or laboratories.

Comparison of paired observations using the t-test. In this test, the chemical analyses are treated in pairs rather than as two sets of independent observations. Here the sets of assays are paired so that the duplicate assays are directly compared with each other. This approach yields a better estimate of the variance between two laboratories or assay procedures. This test indicates the presence and direction of systematic bias between the two sets of data. The confidence interval for the data must include zero if the two laboratories or assay methods are consistent with each other within the specified confidence limits.

Comparison of a set of paired observations by measuring their correlation and regression line. The correlation coefficient gives an estimation of the random scatter among paired observations relative to the regression line. A high correlation coefficient indicates high precision among the data but gives absolutely no information on accuracy or

bias. The slope of the regression line indicates systematic bias between laboratories or assay methods, consistent methods will have a slope of 1. If a slope of 1 is not within the confidence limits, then there is a significant systematic bias between the two laboratories or assay methods.

The above tests give an indication of precision and agreement between two sets of analytical data on the same samples. However, no inference on accuracy of assays in any data set can be made. Estimates of analytical accuracy may only be made using well characterized standard reference materials. A list of sources of standard reference materials appears at the end of this report.

RESULTS

I - REPLICATE GOLD ASSAYS BY VANGEOCHEM LAB

Results of the statistical tests are given in Table I. File contents are as follows:

File	File contents
AUCOMBO	All replicate gold assays from Vangeochem Lab.
AUCOMB-1	Contents of file AUCOMBO except for sample numbers 04241 and 16539
AU1428AA	Assays on Vangeochem report number 871428AA
AU1511A	" 871511A
AU1511AD	" 871511AD
AU1511AC	" 871511AC
AU0755AA	" 870755AA

No bias or systematic errors appear to be present within the 95% confidence limits, all variance can be explained as being due to random distribution of gold particles in the sample pulps. This random variation is high and is likely due to the sample preparation procedure used, i.e. I understand that the pulps were not sieved nor were metallics removed and assayed separately. I suspect that the high variance found in the replicate assays on sample pulps is due to:

1) metallics being present.
2) heterogeneous sample pulps due to the presence of coarse particles.
3) contaminated assay crucibles.

II - REPLICATE ANALYSES BY VANGEOCHEM AND ACME LABORATORIES

Results of statistical tests on 16 replicate samples are given in Table II.

With only 16 replicate samples examined, the data set is highly vulnerable to skewing due to a single poor sample.

Despite a high correlation coefficient, there is a significant systematic bias in gold assays that appears to be non-random.

Arsenic and silver analyses show significant skewing and bias in both the paired t-test and regression slope. Lead and zinc analyses show significant bias despite high correlation coefficients. These biases are likely due to the different dissolution techniques used by the two laboratories and are to be expected in any interlaboratory comparison on geochemical analyses.

III - REPLICATE TRENCH SAMPLES

Replicate trench samples bearing sample numbers 16852 through 16873 appear to be entirely different sample sets. No correlation was found between any samples - I suspect a mixup in samples has occurred.

RECOMMENDATIONS:

1) Avoid reuse of crucibles in the fire assay procedure. This practice is a potential source of serious contamination and is not worth the small amount of money saved.

2) All rock and drill core samples from this property should be screened and examined for the presence of metallics.

3) Estimate field and laboratory variance. Between five and ten percent of rock or core samples submitted for assay should be field split duplicate samples. These replicate samples should be submitted in a separate shipment along with and be indistinguishable from "normal" specimens.

4) Estimate laboratory variance. Between five and ten percent of rejects should be chosen at random and submitted to a second laboratory for assay under new sample identification numbers.

5) Estimate laboratory accuracy and precision by submitting standard reference materials and previously analyzed pulps under new identification numbers.

6) Examine pulps for the presence of large particulates - there should not be any "gritty" feeling when pressing the pulp between thumb and forefinger.

TABLE I

FILE	AUCOMBO	AUCOMB-1	AU1428AA	AU1511A	AU1511AD	AU1511AC	AU0755AA
MEAN, column A	.1455880	.1222400	.1783670	.1547240	.1767000	.0882083	.1426320
Std. Dev., A	.0844456	.0468993	.1403210	.0673347	.0636607	.0158747	.1065820
MEAN, column B	.1514350	.1213880	.1819330	.1723100	.1932000	.0872083	.1429470
Std. Dev., B	.1095800	.0505666	.1794110	.1335620	.0859773	.0157790	.1077470
MEAN, A-B	-.0058473	.0008527	-.0035666	-.0175862	-.0165000	.0010000	-.0003158
Std. Dev., A-B	.0044852	.0011869	.0029172	.0166478	.0020263	.0000253	.0001617
"T" Test, 95% level							
lower limit	-.0691555	-.0443639	-.1774170	-.1577480	-.2286140	-.0601574	-.1258110
upper limit	.0574608	.0460692	.1702830	.1225760	.1956140	.0621574	.1251790
Paired T test, 95% level							
lower limit	-.0155489	-.0041766	-.0203204	-.0583414	-.0425923	-.0007600	-.0038162
upper limit	.0038542	.0058820	.0131871	.0231690	.0095923	.0027600	.0031846
Corr. Coeff.	.985184	.988521	.998366	.9714360	.9976160	.999205	.9992600
slope, A/B	1.12226	1.026440	1.128890	1.3681600	1.159360	.996190	1.0047100
lower 95% limit	1.15216	1.052990	1.150980	1.4615900	1.214550	1.013770	1.0178000
upper 95% limit	1.09236	.999897	1.106810	1.2746300	1.104170	.978607	.9916160

TABLE II

FILE	VG-ACCU	VG-ACPB	VG-ACZN	VG-ACAS	VG-ACAG	VG-ACAU
MEAN, column A	1253.75	561.438	928.063	287.688	6.49333	.14225
Std. Dev., A	2768130.	2961130.	2868550.	40820.	88.8664	.106666
MEAN, column B	1276.13	398.938	824.563	262.5	8.16	.193
Std. Dev., B	3151280.	1335060.	1544130.	32224.1	102.747	.233336
MEAN, A-B	-22.375	162.5	103.5	25.1875	-1.66667	-.05075
Std. Dev., A-B	137569.	319764.	240144.	706.963	1.91381	.0260435
"T" Test, 95% level						
lower limit	-1054.57	-716.854	-787.695	-89.4731	-7.74622	-.298129
upper limit	1009.92	1041.85	994.695	139.848	4.41288	.196629
Paired T test, 95% level						
lower limit	-184.923	-85.3203	-111.262	13.535	-2.29568	-.121475
upper limit	140.173	410.32	318.262	36.84	-1.03765	.0199748
Corr. Coeff.	.978812	.999962	.991281	.997251	.99262	.995035
slope, A/B	1.04436	.671438	.72729	.886051	1.06733	1.47169
lower 95% limit	1.16098	.676420	.802336	.92825	1.13947	1.52837
upper 95% limit	.927739	.666456	.652245	.843852	.995187	1.41501

Suppliers of geological reference materials:

H. P. Beyers
South Africa Bureau of Standards
Private Bag 191
Pretoria, South Africa

Dr. H. F. Steger, Co-ordinator, CCRMP
c/o Canada Centre for Mineral and Energy Technology
555 Booth St.
Ottawa, K1A 0G1

G. Jecko, Station d'Essais
Institut de Researches de la Siderurgie
Maizieres-les Metz (57)
France

Office of Standard Reference Materials
Room B311, Chemistry Building
National Bureau of Standards
Gaithersburg, MD 20234

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Bureau of Analysed Samples
Newham Hall
Newby
Middlesbrough
Teesside TS8 9EA England

APPENDIX "F"

PROJECT NO.:
DATE
OPERATOR :
PAGE :
FREQ. :
TRANSMITTING STATION :

SECTION : 9200N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
	-6	-9	-14	-11
10450W	-8	-10	-21	+13
	-13	-17	-27	-7
25	-14	-13	-28	-4
	-14	-15	-31	[illegible]
10400	-17	-15	-30	+6
	-13	-17	-25	+1
75	-12	-15	-29	-6
	-17	-14	-31	0
50	-14	-15	-29	-1
	-15	-19	-32	-3
25	-17	-20	-32	+4
	-15	-18	-28	+4
10300	-13	-19	-28	+3
	-15	-16	-25	+8
75	-10	-18	-20	+1
	-10	-16	-24	-4
50	-14	-22	-24	+3
	-10	-16	-21	0
25	-11	-22	-24	-7
	-13	-24	-28	-3
10200W	-15	-25	-27	-3
	-12	-24	-31	+14

DATE
OPERATOR :
FREQ. :
TRANSMITTING STATION :

SECTION : 9200N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
10175W	-19	-21	-41	-10
	-22	-29	-44	-3
50	-22	-27	-44	+3
	-22	-30	-41	+10
25	-19	-26	-34	+12
	-15	-28	-29	+6
10100W	-14	-27	-28	+1
	-14	-26	-28	+2
75	-14	-28	-26	+8
	-12	-25	-20	+17
50	-8	-22	9	+19
	-1	-22	1	+8
25	0	-20	1	+1
	-1	-18	0	+5
10000W	+1	-15	14	+6
	+3	-18	+6	+3
75	+3	-19	+7	+3
	+4	-14	+10	
50	+6	-13		
25				
9900W				

OPERATOR :
PAGE :
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TRANSMITTING STATION :

SECTION : [illegible]

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
10750	+11	+1	+21	
	+10	0	+20	0
25	+18	-4	+21	-2
	+11	+3	+19	-5
10700	+8	-4	+16	-2
	+8	-4	+17	+5
75	+9	-2	+21	+10
	+12	-1	+27	+13
50	+15	-1	+34	+11
	+19	+2	+38	-2
25	+17	-1	+32	-20
	+13	-5	+18	-27
10600	+5	-7	+5	-18
	0	-13	0	0
75	0	-13	+5	+3
	+5	-6	+3	-15
50	-2	-12	-10	-20
	-8	-12	-17	-7
25	-9	-13	-17	+5
	-8	-14	-12	+8
10500	-4	-11	-9	+3
	-5	-9	-9	-1
10475	[illegible]	-8	-10	-5

VLF - SURVEY

PROJECT NO.: GRID NO.:
DATE OPERATOR: PAGE:
TRANSMITTING STATION: FREQ.:
SECTION: 9300

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
10375W	-22	-21	-45	+5
	-23	-24	-48	+6
10400	-25	-26	-51	+4
	-26	-24	-52	-3
25	-26	-24	-48	-8
	-22	-21	-44	-8
50	-22	-18	-40	-11
	-18	-21	-38	-5
75	-15	-19	-35	+3
	-20	-20	-36	0
10500W	-16	-17	-35	-2
	-19	-18	-34	-5
25	-15	-19	-30	-6
	-15	-13	-28	9
50	-13	-18	-21	-12
	-9	-16	-18	-9
75	-7	-15	-12	-4
	-5	-12	-12	4 walk in
10600W	-7	-13	-8	7 @ 10600
	-1	-10	+5	-12 @ 10475
10625W	+6	-3	+14	-18
	+8	-4	+23	-14

VLF - SURVEY

PROJECT NO.: GRID NO.:
DATE OPERATOR: PAGE:
TRANSMITTING STATION: FREQ.:
SECTION: 9300N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
	+4	-16	+10	+3
10100W	+6	-19	+6	+18
	0	-15	-8	+30
25	-8	-18	-27	+21
	-14	-24	-29	+9
50	-15	-22	-31	-2
	-16	-22	-27	-2
75	-11	-19	-23	-5
	-12	-13	-22	0
10200	-10	-12	-23	-1
	-13	-12	-21	-2
25	-8	-9	-21	+6
	-13	-13	-27	+4
50	-14	-12	-27	+2
	-13	-11	-29	+7
75	-16	-16	-34	+4
	-18	-14	-33	+1
10300	-15	-16	-35	+8
	-20	-16	-41	+8
25	-21	-18	-43	+4
	-22	-19	-45	+1
10350W	-23	-23	-44	-2
	-21	-19	-43	+1

VLF - SURVEY

PROJECT NO.: GRID NO.: Kerr
DATE 07/18/97 OPERATOR: RS PAGE:
TRANSMITTING STATION: Seattle FREQ.:
SECTION: 9300 N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
9850W	+12	-20	+30	
	+18	-18	+38	-5
25	+20	-16	+35	+4
	+15	-16	+34	+6
50	+19	-19	+29	+6
	+10	-14	+28	-8
75	+13	-20	+37	-9
	+19	-21	+37	+2
9900W	+18	-17	+35	+5
	+17	-14	+32	+2
25	+15	-15	+33	0
	+18	-12	+32	+1
50	+14	-10	+32	+2 RUNNING
	+18	-9	+34	+2 CONTACT
75	+16	-8	+30	+10 @ BL
	+14	-14	+24	+15
10000W	+10	-12	+15	+8
	+5	-13	+16	-8
25	+1	-9	+23	-4
	+12	-11	+20	-8
50	+3	-12	+15	-8
	+7	-19	+22	+6
10075W	+5	-17	+19	+3

VLF - SURVEY

PROJECT NO.: GRID NO.:
DATE OPERATOR: PAGE:
TRANSMITTING STATION: FREQ.:
SECTION: 9300N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
10650W	+15	+7	+26	-2
	+11	0	+25	+6
75	+12	+1	+22	+7
	+10	-2	+18	
10700W	+9	-1		

DATE OPERATOR : PAGE :
TRANSMITTING STATION : FREQ. :

SECTION : 9400 N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
9800	+15	-20	+30	
	+15	-19	+30	+1
25	+15	-16	+29	-1
	+14	-16	+31	-2
50	+17	-15	+31	-1
	+14	-18	+32	-3
75	+18	-18	+34	-6
	+16	-14	+38	-8
9900W	+22	-15	+42	+1
	+20	-14	+37	+10
25	+17	-12	+32	+10
	+15	-13	+27	+14
50	+12	-15	+18	+11
	+6	-16	+16	-5
75	+10	-17	+23	-14
	+13	-22	+30	-17
10000W	+17	-18	+40	-8
	+23	-18	+38	+12
25	+15	-16	+18	+27
	+3	-22	+11	+6
50	+8	-25	+12	+4
	+4	-24	+7	+11
10075W	+3	-25	+1	+9

DATE OPERATOR : PAGE :
TRANSMITTING STATION : FREQ. :

SECTION : 9400 N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
	-2	-18	-2	-1
10100W	0	-18	+2	-6
	+2	-14	+4	-8
25	+2	-14	+10	-13
	+8	-10	+17	-7 water
50	+7	-7	+17	+5 @ 10150
	+8	-9	+12	+5
75	+4	-7	+13	0
	+8	-4	+11	+6
10200W	+4	-6	+6	+9
	+2	-6	+3	+6
25	+1	-4	0	+8 +2 -6
	-1	-3	-5	+5
50	-4	-5	-5	+3
	-1	-3	-2	-2
75	-1	-4	-3	+2
	-2	-5	-4	+2
10300W	-2	-4	-5	+5
	-3	-5	-9	+13
25	-6	-9	-18	+17
	-12	-14	-26	+12
10350W	-14	-14	-30	+7
	-16	-16	-33	+6

VLF - SURVEY

PROJECT NO. : GRID NO. :
DATE OPERATOR : PAGE :
TRANSMITTING STATION : FREQ. :

SECTION : 9400 N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
	-14	-21	-26	+1
10675W	-12	-21	-25	-6
	-13	-15	-20	-15
10700W	-7	-14	-10	+13
	-3	-5	-7	
10725W	-4	-3		

VLF - SURVEY

PROJECT NO. : GRID NO. :
DATE OPERATOR : PAGE :
TRANSMITTING STATION : FREQ. :

SECTION : 9400 N

STA.	IN-PHASE	QUAD.	DIRECTION	REMARKS
10375W	-17	-19	-36	+5
	-19	-22	-38	+3
10400W	-19	-21	-39	0
	-20	-21	-38	-3
25	-19	-21	-36	-4
	-18	-19	-34	-3
50	-16	-23	-39	-1
	-17	-23	-39	+1
75	-16	-21	-34	+3
	-18	-19	-36	+5
10500W	-18	-19	-39	+10
	-21	-21	-46	+4
25	-25	-22	-43	-10
	-18	-15	-36	-10
50	-18	-21	-33	-11
	-15	-17	-25	-15
75	-10	-16	-17	-14
	-8	-18	-11	-13
10600W	-3	-15	-5	-4
	-2	-13	-7	+12
25	-5	-18	-17	+17
	-12	-16	-24	+9
10650W	-12	-17	-26	+2

KERR — LINE 9500N — H. Hogan

STN	Out Ø	In Ø	E Ø W		
10087.5	-25	+9	+21	-13	
10100W	-23	+12	+28½	-16	↑
12.5	-19	+16½	+37	-9	↑
25	-19	+20½	+37½	+4	↑
37.5	-17	+17	+33	+12½	↑
50	-16	+16	+25	+19	↑
62.5	-12	+9	+14	+15	↑
75	-9	+5	+10	+4½	↑
87.5	-7	+5	+9½	-1	↑↑
10200W	-5	+4½	+11	-3½	↑↑
12.5	-3	+6½	+13	+2½	↑↑
25	-1	+6½	+8½	+13½	↑↑
intermit 37.5	-8	+2½	+½	+13	↑↑
50	-10	-2½	-4½	0	↑↑
62.5	-10	-2	-½	-4½	↑↑
75	-10	+1½	0	+2	↑↑
87.5	-12	-1½	-2½	+5	↑↑
10300W	-15	-1	-5	+3½	↑
12.5	-16	-4	-6	-2½	
25	-15	-2	-2½	-4½	
37.5	-13	-1½	-1½	0	
50	-14	-1	-2½	+3	
10362.5	-15	-1½	-4½	+4½	

KERR — LINE 9500N — H. Hogan

STN	OUT Ø	IN Ø	Tx-Saddle	Fm West	
9800W	-13	+15	+29		o/c
12.5	-15	+14	+30	-4½	↑
25	-16	+16	+32½	-7	↑
37.5	-16	+17½	+37	-4	↑↑ o/c
50	-14	+19½	+37½	-1	↑↑ o/c
62.5	-14	+18	+38	-1	↑
75	-15	+20	+38½	-1	↑
87.5	-18	+18½	+39	-3	↑
9900W	-17	+20½	+41½	-2½	↑↑
12.5	-17	+21	+41½	-1	↑↑
25	-18	+20½	+41½	-1½	↑
37.5	-19	+22	+43	0	↑
50	-20	+21	+42½	-1	↑
62.5	-20	+21½	+44	-3½	↑
75	-20	+22½	+46	-6½	↑
87.5	-19	+23½	+50½	-6½	chip
10000W	-19	+27	+52½	-½	F
12.5	-20	+25½	+51	+5½	L
25	-20	+25½	+47	+15	A
37.5	-19	+21½	+36	+24	T
50	-21	+14½	+23	+21	TEN
62.5	-25	+8½	+15	+7½	S
10075W	-25	+6½	+15½	-6	

KERR — EM-16 — LINE 9500N cont.

STN	Out Ø	In Ø			
10337.5	-18	-3	-7	-½	
87.5	-19	-4	-10	+4	
10400	-20	-6	-11	+½	
12.5	-19	-5	-10½	+½	
25	-21	-5½	-11½	+1½	
37.5	-23	-6	-12	-2	
50	-25	-6	-9½	-4½	
62.5	-25	-3½	-7½	-7½	
75	-22	-4	-2	-15	
87.5	-24	+2	+7½	-14½	
10500	-22	+5½	+12½	-9½	
12.5	-18	+7	+17		
25	-17	+10			
37.5					

STN	Out Ø	In Ø			
104 12.5	-16	+6	+12	-½	
104 00W	-17	+6	+16½	-1½	
87.5	-12	+5½	+10½	0	
75	-11	+5	+16½	+2	
62.5	-11	+6½	+12½	+½	
50	-10	+6	+12	-½	
37.5	-8	+6	+12	0	
25	-9	+6	+12	-1½	
12.5	-8	+6	+10½	-2½	
102 00W	-8	+4½	+9½	-½	
87.5	-7	+5	+10	+2	
75	-7	+5	+11½	+4½	
62.5	-4	+6½	+14½	+4	
50	-3	+8	+15½	+3	
37.5	-1	+7½	+17½	+4½	
25	0	+10	+20	+3½	
12.5	-1	+10	+21	+2½	
102 00W	0	+11	+22½	+5	
87.5	-2	+11½	+26	+11	
75	-8	+14½	+33½	+13½	
62.5	-10	+19	+39½	+12	
50	-14	+20½	+45½	+12	
104 37.5W	-16	+25	+51½	+7½	

KERR.	LINE 9600N				
STN	Out Ø	In Ø			
107 00W	-13	+12½	+27		
87.5	-12	+14½	+30½	+11	
75	-12	+16	+38	+14½	
62.5	-8	+22	+45	+8	
50	-9	+23	+46	+3	
37.5	-9	+23	+48	+4	
25	-10	+25	+50	-1	
12.5	-9	+25	+47	-10½	
106 00W	-14	+22	+38½	-18½	
87.5	-18	+16½	+28½	-15	
75	-20	+12	+23	-8	
62.5	-20	+11	+20½	-8	
50	-21	+9½	+16	-10	
37.5	-22	+6½	+10½	-7	
25	-22	+4	+9	-½	
12.5	-22	+5	+10	+2	
105 00W	-19	+5	+11	+½	
87.5	-20	+6	+10½	-½	
75	-20	+4½	+10½	+½	
62.5	-17	+6	+11	-½	
50	-18	+5	+10	0	
37.5	-17	+5	+11	+2	
104 25W	-16	+6	+12	+1	

LINE 9600N	STN	Out Ø	In Ø			
	104 25W	-16	+26½	+53	+1	
	12.5	-20	+26½	+53½	-5½	
	104 00W	-22	+26	+47½	-8½	
	87.5	-27	+21½	+44	-4½	
	75	-28	+22½	+43	-1	
	62.5	-27	+20½	+42½	+3½	
	50	-24	+22	+46½	+9	
	37.5	-24	+24½	+50	+9	
	25	-25	+25½	+55½	+9	
	12.5	-25	+30	+59	+3½	
	103 00W	-25	+29	+59	+3½	
	87.5	-18	+30	+62½	+4	
	75	-17	+32½	+63	-½	
	62.5	-19	+30½	+61	-3	
	50	-20	+30½	+60	-3½	
	37.5	-19	+29½	+57½	-7½	
	25	-20	+28	+53½	-4½	
	12.5	-20	+24½	+48	-2	
	99 00W	-20	+21½	+40½	+½	
	87.5	-20	+19	+44½	-5½	
	75	-18	+17½	+35	-6	
	62.5	-18	+17½	+30½	-4½	
	50	-20	+13	+23	-1½	
	98 37.5W	-19	+10	+19	-8½	

LINE 9700N cont FACE 260°

STN	Out ℄	In ℄			
10087.5	-27	+22.5	+55½	-4½	↑
10000W	-25	+28	+57	+1½	↑
12.5	-20	+29	+54	+13	↑
25	-17	+25	+44	+15½	↑
37.5	-14	+19	+38½	+1	↑
50	-12	+19½	+43	-9½	↑
62.5	-6	+23½	+48	-1½	↑
75	-1	+24½	+44½	+15	↑
87.5	-1	+20	+33	+19½	↑
10200W	-1	+13	+25	+11½	↑
12.5	-1	+12	+21½	+3½	↑
25	+4	+9½	+21½	-4½	↑
37.5	+5	+12	+26	-7½	↑
50	+5	+14	+29	-4½	↑
62.5	+3	+15½	+30½	-2	↑
75	0	+15½	+31	+1	↑
87.5	0	+15½	+29½	+6½	↑
10300W	-2	+14	+24½	+4	↑
12.5	-6	+10½	+18½	+4	↑
25	-8	+8	+13½	+10	↑
37.5	-12	+5½	+8½	+8	↑
50	-16	+3	+5½	+2	↑
10362.5	-17	+2½	+6½	-1½	↑

LINE 9800N FACE 260°

STN	Out ℄	In ℄			
9800W	-22	+15	+30		↑
12.5	-18	+15	+34½	-12½	↑
25	-19	+19½	+42½	-7½	↑
37.5	-19	+23	+42	+1	↑
50	-18	+19	+41½	-3	↑
62.5	-19	+22½	+45	-8½	↑
75	-18	+22½	+50	-12	↑
87.5	-18	+27½	+57	-10½	↑
9900W	-15	+29½	+60½	-6	↑
12.5	-15	+31	+63	-2	↑
25	-16	+32	+62½	-4½	↑
37.5	-18	+30½	+64½	-7	↑
50	-18	+34	+69½	-9	↑
62.5	-17	+35½	+73½	-7	↑
75	-14	+38	+74½	-6½	↑
87.5	-18	+38½	+78	-7½	↑
10000W	-20	+39½	+84	-14½	↑
12.5	-17	+44½	+92½	-10	↑
25	-15	+48	+94	+10	↑
37.5	-18	+46	+82½	+26½	↑
50	-23	+36½	+67½	+26½	↑
62.5	-26	+31	+56	+15	↑
10075W	-30	+25	+52½	+1½	↑

KERR LINE 9700N cont July 19/67

STN	Out ℄	In ℄			
10337.5W	-14	+4	+7	+1½	→
	-14	+3	+6	+1½	↑
	-12	+3	+5½	+1½	↑
	-10	+2½	+5½	-1½	↑
	-10	+3	+6	+1½	↑
	-11	+3	+7	-4½	↑
	-11	+4	+16½	-9	↑
	-10	+8½	+16	-11	↑
	-6	+9½	+21½	-8	↑
	-6	+12	+24	-4½	↑
	-6	+12	+26	-4	↑
	-8	+14	+28	-5½	→
	-8	+14	+31½	-9½	↑
	-8	+17½	+32½	-10½	↑
	-7	+20	+42	-9½	→
	-7	+22	+46	-7½	↑
	-8	+24	+46½	-5½	↑
	-4	+25½	+51½	-2½	↑
	-6	+26	+54	-3½	↑
	-5	+26	+54	-5½	↑
	-4	+28	+56½	-5½	↑
	-3	+30½	+60½	-3½	↑
10075	+1	+30	+62	0	

July 19/67

KERR LINE 9700N cont

10087.5	0	32	+60½	+5½	↑
10000W	+3	28½	+56½	+6	↑ S
12.5	0	+26	+54½	+6	↑ N
25	+2	+26½	+50½	+7½	↑
37.5	+1	+24	+47	+6½	↑
50	0	+23	+44	+5½	↑
62.5	+1	+24	+44½		↑ O/C
10075W	+1	+20½			↑ O/C
					↑↑

L 9800N / 10050W = 80m.

NORTH of L 10000N / 10075W

KERR. LINE 9800N cont.

STN	Out	IN			→
10442.5	~~+5~~	~~+6½~~			→
10425 (~~10400W~~)	+5	+4½	+7½	9	→ o/c
87.5	+4	+3	+5	5	→ o/c
10400W	+3	+2	+2½	-4	→ o/c
87.5	+2	+1½	+1	+1	→ o/c
75	+2	+1½	+3½	+6	→ o/c
62.5	+3	+3	+7	+8	o/c
50	+3	+4	+11½	+12	↓
37.5	+3	+7½	+19	+15½	↓
10325W (~~10300W~~)	+4	+11½	+27	+12½	↓
12.5	+3	+15½	+31½	+8	↓
10300W	+4	+16	+35	+8½	↓
87.5	+4	+19	+40	+9½	↓ o/c
75	+6	+21	+44½	+6½	↓ o/c
62.5	+4	+23½	+48½	-5½	↓ o/c
50	+2	+23	+39	-16½	↓ o/c
37.5	-4	+16	+30	-12	cliffs
10225W	-2	+14	+27	0	"
12.5	0	+13	+30	+13½	"
10200W	-1	+17	+40½	+14½	
87.5	-4	+23½	+44½	+17½	
10175W	-3	+31	+64	+19½	
10162.5	-5	+33	+64	-4½	

KERR [illegible] FACE 2[illegible]

STN.	Out	In			
10700W	+6	+23	+50½		↓
87.5	+6	+27½	+55½	+7½	↓
75	+6	+28	+58	+5½	↓
62.5	+7	+30	+64	+5½	↓
50	+8	+31	+63½	+2½	↓
37.5	+8	+32½	+64½	+2	↓
25	+8	+32	+65½	+2½	↓
12.5	+8	+33½	+67	-1	↓
10600W	+8	+33½	+64½	-6½	↓
87.5	+8	+31	+60½	-5	↓
75	+8	+29½	+58½	-3½	↓
62.5	+9	+30	+57	-5½	↓
50	+12	+27	+53	-6½	↓
37.5	+12	+26	+50½	-7½	↓
25	+12	+24½	+45½	-7	↓
12.5	+12	+21	+43½	-2	↓
10500W	+11	+22½	+43½	-2½	↓
87.5	+12	+21	+41	-4½	↓ F
75	+11	+20	+39	-8	L
62.5	+11	+19	+33	-15½	A T
50	+11	+14			→
~~37.5~~	~~+11~~	~~+11½~~	+23½	-19	→
10437.5W	+7	+4½	+14	-16	→ 60 [illegible]

EM-16

KERR LINE 9860N FACE 260°

STN.	Out	In			
10150W	-8	+31	+59½	-7	↓
37.5	-11	+28½	+57	+½	↓
25	-11	+28½	+60	+2½	↓
12.5	-13	+31½	+64½	+6	↓
10100W	-12	+33	+66	+½	↓
87.5	-14	+33	+65	-6	↓
75	-21	+32	+60	-6	↓ F
62.5	-24	+28	+59	+6	↓ A
50	-24	+31	+66	+9½	↓ T
37.5	-22	+35	+67½	+11	↓ I S
25	-24	+32½	+77	+21	↓ H
12.5	-16	+44½	+68½	+5½	↓
10000W	-17	+44	+81½	-14½	↓
87.5	-19	+37½	+74	-4	↓
75	-17	+36½	+77½	+4	↓
62.5	-14	+41	+78	-6½	↓
50	-16	+37	+71	-8½	↓↓
37.5	-15	+34	+69½	+1½	↓↓
25	-16	+37½	+72½	+3	↓↓
12.5	-16	+37	+72½	-6	↓↓
9900W	-16	+35½	+66½	-12½	↓↓
87.5	-16	+31	+60	-6½	↓
75	-10	+29	+60	+2	↓
9862.5	-14	+31			

over sheet

KERR-[illegible] LINE 9900N CONT

STN	Out Ø	In Ø			
10087.5	-9	+26	51½	+11	↑
11000W	-11	+23½	+47	+6½	↑
12.5	-9	+23½	+45	+2	↑
25	-10	+21½	+45	-2½	↑
37.5	-9	+23½	+47½	+1½	↑
50	-7	+24	+46½	+6½	↑
62.5	-11	+24½	+41	+5	↑
75	-13	+18½	+41½	-4	→ FLAT ARROW
87.5	-9	+23	+45	-7	→
12000W	-6	+22	+48½	-4½	→
12.5	-5	+26½	+49½	+3½	→
25	-1	+23	+45	+5½	→
37.5	+4	+22	+44	+1	→
50	+7	+22	+44	-1	→
62.5	+10	+22	+45	-4½	→
75	+12	+23	+48½	-8½	
81.5	+13	+25½	+53½	-1	
13000W	+18	+28	+49½	+15½	↑ S
12.5	+21	+21½	+38	+18½	↑ I
25	+22	+16½	+30	+18½	↑ D E
37.5	+21	+13½	+19½	+17	H
50	+20	+6	+13	+3	I
62.5	+22	+7	+16½		L
13075W	+26	+9½			[illegible]

LINE 9900N — JULY [illegible] — TR = SEATTLE — FACE WEST

STN	OUT Ø	IN Ø			
9800W	-12	+30½	+58		
12.5	-13	+29½	+53	+7½	↑↑
25	-12	+25½	+50½	+3	↑↑
37.5	-10	+25	+50	0	↑↑
50	-13	+25	+50½	-2	↑↑
62.5	-14	+25½	+52	-2½	↑↑
75	-15	+26½	+53	-2½	↑↑
87.5	-14	+26½	+54½	-4	↑↑
9900W	-15	+28	+57	-4½	↑↑
12.5	-14	+29	+59	-6	↑
25	-14	+30	+63	-8½	↑
37.5	-14	+33	+67½	-5½	↑
50	-14	+34½	+68½	-1½	↑ [illegible]
62.5	-16	+34	+69	-4	FLATTEN
75	-15	+35	+72½	-5	→
87.5	-16	+37½	+74	+2	↑
B.L. 10000W	-16	+36½	+70½	+9	↑
12.5	-20	+34	+65	+8½	↑ [illegible]
25	-19	+31	+62	+4	↑
37.5	-14	+31	+61	+6	↑
50	-14	+30	+56	+5	↑
62.5	-14	+26	+56	-2	↑
10075W	-12	+30	+58	+4½	↑

cont

KERR-EM[illegible] LYNE MOOD[illegible] [illegible] 2[illegible]

				Tx - Seattle		
	+18	+1	+5			
10400W	+18	+4	+8	+7	↓	S
87.5	+18	+4	+12	+4½	→	I
	+17	+8	+12½	-6	→	D
	+17	+4½	+6	-6½	→	E
	+13	+1½	+6	+2½	→	H
	+10	+4½	+8½	+4	→	I
	+7	+4	+10	+1½		L
	+3	+6	+10	+2½		
10300W	+1	+4	+12½	+3½		
87.5	-4	+8½	+13½	-3		
	0	+5	+9½	-6½		
	0	+4½	+7	-2½		
	-3	+2½	+7	+5		
	-2	+4½	+12	+12½		
	0	+7½	+19½	+12½		
	-1	+11	+24½	+11½		
10200W	-2	+13½	+31	+9½		
87.5	0	+17½	+34	+5½		
	+2	+16½	+36½	+5½	Top of ↓	
	+2	+20	+39½	+4½	[illegible]	
	+3	+19½	+41	+5	↓	
	+2	+21½	+44½	+2	↓	
10125W	+3	+23	+43	+½	↓	

STN	OUT Ø	IN Ø	Tx Seattle	[illegible]	2[illegible]	
10112.5	+2	+21	+45	+½	↓	
10100W	0	+24	+43½	-9	↓	
	-1	+19½	+36	-13½	↓	
	-4	+16½	+30	-9	→	
	-9	+13½	+27	-5½	→	gully
	-15	+13½	+24½	-4	↑	
	-14	+11	+23	-½	↑	
	-16	+12	+24	+8	↑	
	-14	+18	+31	+18	↑	
10000W	-14	+19	+42	+16	↑	
87.5	-13	+23	+47	+9	↓	
75	-12	+24	+51	+1	↓	
62.5	-12	+27	+48	+10	→	
50	-10	+31	+61	+10	↓	
37.5	-10	+30	+58	-7½	→	
25	-12	+28	+53½	-10½	→	
12.5	-16	+25½	+47½	-11	↓	
9900W	-12	+22	+42½	-8½	↓	
	-15	+20½	+39	-1	↓	
	-13	+18½	+44½	+9½	↓	
	-10	+23	+48½	+7	↓	
	-6	+25½	+48½	-½	↓	
	-7	+23	+49	+2	↓	
	-6	+26	+50½	+1½		
	-7	+24½	+50½			
9[illegible]W	-9	+26				

KERR LINE 10100N H. HOLM

STN	Out φ	In φ		Facing 280° WEST	
9750W	-8	+30	+63		Tx=Seattle
62.5	-5	+33	+66	-2	+ ok
75	-5	+33	+65	+3	↑
87.5	-5	+32	+63	+9½	↑
9800W	-6	+31	+57½	+16½	↑
12.5	-7	+26½	+46½	+19½	↑
25	-6	+20½	+38	+12	↑
37.5	-9	+17½	+34½	+4	↑
50	-6	+17	+34	-2	↑
62.5	-6	+17	+36½	-2	↑
75	-7	+19½	+36	+4½	↑
87.5	-4	+16½	+32	+3½	↑
9900W	-6	+16	+32½	-1½	↑
12.5	-6	+16½	+32½	+1½	Red Flat
25	-6	+17	+31	+6	DO NOT
37.5	-6	+14	+27½	+6	USE
50	-5	+13½	+25	+7½	
62.5	-6	+11½	+20	+9½	"
75	-6	+8½	+15½	+5	"
87.5	-6	+7	+15	+2	"
10000W				+4½	
12.5					
10025W					

KERR H. Holm

LINE 10100N Tx=Seattle Face WEST

STN	Out φ	In φ	Drill Not Running	
9850W	-7	+16	+31	
62.5	-6	+15	+32	-2½
75	-5	+17	+33½	-2
87.5	-7	+16½	+34	0
9900W	-8	+17½	+33½	+2½
12.5	-8	+16	+31½	+11½
25	-7	+15½	+31	+3
37.5	-6	+15½	+28½	+8
50	-6	+13	+23	+9½
62.5	-7	+10	+19	+3½
75	-6	+9	+19½	+½
87.5	-7	+10½	+18½	+7½
10000W	-4	+8	+12	+11
12.5	-2	+4	+7½	+3½
25	-4	+3½	+8½	+1½
37.5	-4	+5	+6	+4½
50	-3	+1	+4	+1
62.5	-4	+3	+7	-4½
75	-4	+4	+8½	-2½
87.5	-5	+4½	+9½	
10100W	-2	+5		

USE THIS DATA

KERR LINE 10100N July 1987 H. Holm

STN	Out φ	In φ			
10287.5	+15	+2	+5	4	↑
10300W	+14	[illegible]	+9	-7½	↑ Ridge
12.5	+16	+6	+13½	-2½	↓
25	+14	+7½	+11½	+11	↓
37.5	+8	+4	+12½	+16	→
50	+3	-1½	-4½	+10½	
62.5	+2	-3	-8	+5½	
75	+3	-5	-10	+2	
87.5	+4	-5	-6		
10400W	+7	-1			
12.5					
25					
37.5					
50					
62.5					
75					
87.5					
10500W					

KERR EM-16 LINE 10100N July 1987 H. Holm

STN	Out φ	In φ	Tx=Seattle Face West		
10000W	-4	+8	+13½		
12.5	-4	+5½	+10½	+5	
25	-4	+5	+8½	+5	
37.5	-4	+3½	+5½	+4½	DO NOT USE
50	-3	+2	+4	+2	
62.5	-5	+2	+3½	0	
75	-6	+1½	+4	-2½	
87.5	-6	+2½	+6	-9	
10100W	-4	+3½	+13	-15	
12.5	-1	+9½	+21	-12½	
25	+2	+11½	+25½	-1	
37.5	+10	+14	+22	+9½	
50	+5	+8	+16	+5½	
62.5	+4	+8	+17½	-½	
75	+8	+9½	+16½	+4½	
87.5	+5	+7	+13	+5½	
10200W	+2	+6	+11	+3½	Shifts
12.5	0	+5	+9½	+2	↓
25	+2	+4½	+9	-1	↓
37.5	+2	+4½	+10½	+1	↓
50	+1	+6	+8	+5½	↓
62.5	+6	+2	+9	+3	↓
10275	+8	+3	+5	0	

KERR — EM-16 VLF — July 20/87 — H. Hoyt — Tx - Seattle — Face - West

LINE 10200N

STN.	OUT Ø	IN Ø			
9725					
37.5 / 50	-25	+28	+57		Brush
62.5	-1	+29	+62	-5½	[illegible]
9775W	-1	+33	+62½	+9½	
87.5	-1	+29½	+52½	+18½	↑
9800W	-1	+23	+44	+10½	↑
12.5	-1	+21	+42	+6½	↑↑
25	0	+21	+37½	+8	↑↑ Brush [illegible]
37.5	0	+16½	+34	+1	↑
50	0	+17½	+36½	-3½	↑
62.5	+4	+19	+37½	+1	↑
75	+2	[illegible]	+37½	+1	↑
87.5	+3	+19	+36½	+5	↑
9900W	+2	+17½	+32½	+11½	↑
12.5	+2	+15	+25	+16½	→ top
25	0	+10	+16	+16	→ of
37.5	-2	+6	+9	+12	→ Hill
50	-2	+3	+4	+10½	↓
62.5	-3	+1	+½	+11½	↓
75	-4	-2½	-7½	+7	→ Trenching
87.5	-2	-5	-8½	-½	→
10000W	-2	-3½	-7	+2½	

LINE 10200N con't

10012.5W	-2	-3½	-11	-1½	→
25	-3	-7½	-16	+3½	↓ old road
37.5	-3	-8½	-11½	-7½	↓
50	-1	-6	-8½	8½	↓ 20m South
62.5	0	-2½	-6	-3½	↓
75	0	-3½	-5½	+1½	↓
87.5	0	-2	-6½	+6	↓
10100W	0	-4½	-11½	+6½	↓
12.5	-3	-7	-13	-4½	↓
25	-2	-6	-7	-12½	↓
37.5	+3	-1	-½	-10½	↓
50	+5	+½	+3½	-5	↓
62.5	+5	+3	+4½	+2	↓
75	+3	+1½	+1½	0	↓
87.5	+2	0	+4½	-10	↓
10200W	+3	+4½	+11½	-15½	↓
12.5	+3	+7	+20		↓
25	+5	+13			↓

KERR — EM-16 (VLF) — July 18/87 — H. Holm

Tx = Seattle — LINE 10300N — Facing ≈ 360°

STN.	OUT	IN			
9800W	-1	+20½	+40½		
12.5	0	+20	+36	+7½	
25	2	16	+33	+5	
37.5	3	17	+31	+8	↑
50	3	14	+25	+13½	↑
62.5	3	11	+17½	+12	↑
75	0	6½	+13	+3	→
87.5	-2	6½	+14½	-6	→
9900W	1	8	+19	-6½	→
12.5	2	11	+21	+4½	→
25	5	10	+18½	+7½	→
37.5	4	8½	+13½	+8	→
50	3	5	+10½	+3½	→
62.5	4	5½	+10	+2½	→
75	5	4½	+8	+5½	→
87.5	5	3½	+4½	+10	→
10000W	4	1	-2	+10½	→
12.5	2	-3	-6	+11	↓
25	0	-3	-13	+15	↓
37.5	-2	-10	-21	+10	↓
50	-3	-11	-23	+4	↓
62.5	-3	-12	-25	+2	↓

KERR — LINE 10300N CONT — FACING 360

STN	OUT	IN				
10075	-3	-13	-25	+1	↓	
87.5	-2	-12	-24	+11	↓	S
10100W	-3	-12	-26	+14	↓	T
12.5	-4	-14	-28	+12	↓	E
25	-2	-14	-28	+1	↓	E P
37.5	-3	-19	-27	-2½	↓	
50	-3	-13	-25½	-2	↓	S
62.5	-3	-12½	-25	-4½	↓	L
75	-3	-12½	-21	-9½	↓	O
87.5	-1	-8½	-15½	-14	↓	P E
10200W	0	-7	-7	-12	→	H
12.5	+3	0	-3½	-½	→	I
25	0	-3½	-5½	-3½	→	L L
37.5	-2	-2	0	-14½	→	
50	-4	+2	+9	-20½	→	O/C
62.5	-2	+7	+20½	-23½	→	
75	-2	+13½	+32½	-18	→	
87.5	-2	+19	+38½	-8½	→	
10300W	-3	+19½	+41	-2	→	
12.5	0	+21½	+40½	+9	→	
25	-1	+19	+32	+22	→	
37.5	+7	+13	+18½	+34	→	
50	+15	+5½	-2	+26		
10362.5	+17	-7½	-7½	-14		

KERR EM-16 L 10400N cont'd H.Hall 1987

75	-1	-13	-23½	-3	↓
87.5	-1	-11½	-21	+1	↓
10100W	-2	-10½	-24½	+6½	↓
12.5	-2	-14	-27½	+2½	↓
25	-3	-13½	-27	+2	↓
37.5	-3	-13½	-29½	+4	↓
50	-3	-14	-31	+2	↓
62.5	-5	-15	-31½	-½	↓
75	-7	-16½	-30½	+2	↓
87.5	-7	-15½	-29½	-6½	↓
10200W	-5	-14	-24	-4½	↓
12.5	-2	-10	-15	-17	↓↓
25	-1	-5	-7	-15	↓↓
37.5	0	-2	0	-14	↓ gully
50	+4	+2	+7	-9	↑
62.5	+6	+5	+9	+½	↑
75	+7	+4	+6½	+2	→
87.5	+8	+2½	+7	-5	→
10300W	+11	+4½	+11½	-6	→
12.5	+13	+7	+13	+1½	↗ STRN
25	+13	+6	+10	+8½	↑↑
37.5	+10	+4	+14½	+12	↑
50	+5	+1½	-2	+10	→ Ridge
62.5	+4	-2½	-5½	+4½	↓
75	+3	-3½	-6½	+2	↓
87.5			-7½		

KERR EM-16 LINE 10400N H.Hall 1987

STN.	Out	In		DIR→TX =170°	
9775W	-1	+11	21	FACING 360° (X = SEATTLE)	
87.5	-2	+10	16½	+10	
9800	-2	+6½	11	+6	
12.5	0	+4½	10½	-1	
25	+2	+6	12	-2	
37.5	+4	+6	12½	+1	
9850	+5	+6½	11	+3½	
62.5	+3	+4½	9	+1½	
9875	+3	+4½	9½	-½	height of wind
87.5	+4	+4½	4½	-1	
9900W	+4	+4½	+10½	1	
12.5	+4	+6	+10½	-2	
9925	+5	+4½	+12½	-4½	
37.5	+7	+8	+15	+½	
50	+5	+7	+11	+7½	
62.5	+3	+5	+7½	+9½	
75	+4	+2½	1½	+20½	
87.5	+4	-1	-3	+10½	
10000W	+3	-2	-9	+9	
12.5	+4	-7	-12	+½	↓
25	+5	-5	-9½	+2½	↓
37.5	+4	-4½	-14½	+11	↓
50	+3	-9½	-20½	+9½	↓
62.5	0	-11	-24	+3	↓

July 17/87

KERR EM-16

LINE 10400N

9791W

9956 → 10,006W * 9981W

10041 → 10056W * 10044W

* 10106W (small)

10331 → 10369W * 10344W - Topo?

10506 → 10544W * 10506W Topo Ridge

LINE 10500N

10356 → 10414W * 10381W

10456 → 10494W * 10481W

LINE 10600N

10194 → 10219W * 10206

* 10269 (small)

10356 → 10456 * 10406W

LINE 10700N

10181 → 10194W * 10194W

10381 → 10456 * 10444W

10606 → 10631 * 10606W

KERR EM-16 L 10400N cont'd H.Hall 1987

10400W	+1	-4	-9½	+2	↓
12.5	0	-5½	-9½	-5½	↓
25	-1	-4	-4	-9½	↓
37.5	0	0	0	-6½	↓
50	-2	0	+2½	-8	↓
62.5	-4	+2½	+8	-11½	↓
75	-2	+5½	+14	-9	↓ gully
87.5	+4	+8½	+17	+2	↓ bottom
10500W	+5	+8½	+12	+14½	↑ Ridge Top
12.5	-3	+3½	+2½	+11½	↓↓
25	-6	-1	+½	+5	
37.5	-6	+1½	-2½	+4½	↓ gentle slope
50	-5	-4	-4	+1½	↓
62.5	-4	0	-1	-2½	↓
75	-2	-1	-1½	-5½	↓
87.5	+1	-½	+4½	-12	↓
10600W	+5	+5	+10½	-6½	↑ steep slope
12.5	+5	+5½	+11	-3½	
25	+5	+5½	+11	-13	
37.5	+5	+8½	+24	-20½	
50	+6	+13½	+34½	-16	
62.5	+8	+14	+40	-18	
75	+11	+24½	+52½	-12	
87.5	+9	+28	+52	-11½	
10700W	+9 / +8	+28 / +24	+53		

KERR. LINE 10500W CONT H. Holm

STN.	OUT ∅	In ∅			FACING 260°
10275	+6	+5	+5	-13½	gully
62.5	0	0	-1½	-6	
10250W	-2	-1½	-1	+1½	↑
37.5	-4	+½	0	+3	↑
25	-4	-½	+2	+2	↑
12.5	0	+2½	+2	½	↑
10200W	0	-½	+1½	-1½	→
87.5	0	+2	-½		↑
10175W	0	-2½			↑

Cliff

TX = SEATTLE

KERR K4116 LINE 10500W H. Holm July 17/67

STN	OUT	IN			PACED 260° WEST
10562.5W	-6	-9	-20		
10550W	-6	-11	-23½	-2	↑
37.5	-4	-12½	-22	+3	↑
25	-6	-9½	-20½	+2	↑
12.5	-8	-11	-24	+3½	↑
10500W	-6	-13	-24	+4½	↑
87.5	-6	-11	-19½	+10	↑ o/c
75	-3	-8½	-14	+9½	↑
62.5	-1	-5½	-10	+5	↑
50	-1	-4½	-9	+1½	↑
37.5	-2	-4½	-8½	+2	↑
25	+1	-4	-7	+7½	↑
12.5	+5	-3	-1	+15	↑
10400W	+6	+2½	+8	+17½	→
87.5	+10	+6	+16½	+18½	→
75	+12	+10½	+26½	+17½	CAIRN 2200
62.5	+15	+16	+34	+9½	2200 KERR
50	+18	+18	+36	+3	↓
37.5	+16	+18	+37	0	→
25	+16	+19	+36	-8½	→
12.5	+15	+17	+28½	-14½	
10300W	+14	+11½	+21½	-13½	ST-IN
10287.5	+9	+10	+15	-16½	gully

KERR LINE 10600N CONT

STN.	OUT	IN			
10375	+13	+22	+39½	+17	↑
87.5	+9	+17½	+31½	+16	↓
10400W	+8	+14	+23½	+17	↓
12.5	+5	+9½	+14½	+16½	↓
25	+2	+5	+7	+10	↓
37.5	0	+2	+4½	+5½	↓
50	+2	+2½	+1½	+9	↓
62.5	+3	-1	4½		↓
75	+3	-3½			↓
87.5					↓
10500W					

KERR EM-16 LINE 10600N H. Hoiner July 17/87

10037.5W	2nd Clifs			FACE	280°
87.5	+2	-10	-16		
10100W	+4	-8	-11	-10	↓
12.5	+4	-5	-6	-10	↓
25	+2	-1	-1	-10½	↓
37.5	+4	0	+4½	-12½	↓
50	+4	+4½	+11½	-10½	↓
62.5	+6	+7	+15	-9	↓
75	+5	+8	+20½	-8½	↓
87.5	+3	+12½	+23½	+7	↓
102000W	+2	+11	+13½	+20	↓
12.5	+1	+2½	+3½	+11½	↑
25	+2	+1	+2	-½	→
37.5	0	+1	+4	-1	→
50	+2	+3	+3	+3	
62.5	+2	0	-1	+8	↓
75	+3	-1	-5	+4½	↓
87.5	+4	-4	-5½	-4	↓
103000W	+7	-1½	+1	-17	↓
12.5	+10	+2½	+11½	-22½	→
25	+15	+9	+23½	-21½	↑
37.5	+19	+14½	+38	-26½	↑
50	+21	+23½	+50	-10½	↑
103625W	+22	+26½	+48½	+10½	↑
	Schist	Cliffs		cont	

LINE 10700N — July 17 '87

STN	Out	IN			
10062.5	-1	+1	+3½		↓
75	+2	+2½	+½	+9½	↓
87.5	+6	-2	-6	+10	→
10200N	+5	-4	-9½	+2	→
12.5	+10	-5½	-8	-8	→
25	+9	-2½	-½	-7	↑
37.5	+8	+1	-1	0	↑
50	+9	-2	-1½	-2	
62.5	+5	+1½	+1	-6½	↑
75	+2	+2½	+5	-8½	→
87.5	+2	+4½	+8½	-12½	↑
10300W	+3	+5	+17½	-13	↑
12.5	+4	+12½	+22½	-7½	↓ s/c
25	+11	+10	+25	-6½	↓
37.5	+16	+15	+28½	-5½	↑ str
10350W	+20	+13½	+31½	-2½	↑
62.5	+24	+18	+34	-2½	↑
10375W	+19	+16	+29	-13	↑
87.5	+6	+13	+21	-14½	
10400W	+3	+8	+14½	-14	
12.5	+3	+6½	+7	-15½	↓
25	+2	+11	-1	-15½	↓
10437.5W	+1	-1	-8½	-18½	↓

REAR — EM-16 — July 17 '87 — N. Koum

LINE 10700N

FACING 2600

TX = Seattle, Wash.

10100W	-7	-20	-35		↓↓
	-5	-15	-25	-23	↓↓
10125W	-3	-10	-12	-23	↓↓
	-4	-2	-3	-12	↓
10150W	-2	-1	0	-6½	↓

REAR — EM-16 — LINE 10700N — Hilton — July 17 '87

	Out	IN			
10150W	-1	-7½	-19½	+11½	↓
62.5	-5	-1	-20	-1½	↓
75	-7	-8	-18	-1	↓
87.5	-2	-10	-19	-8	↓
10500W	-2	-9	-10	-15	↓
12.5	+1	-1	-4	-12½	↓
25	+5	-3	+2½	-20½	↓
37.5	+6	+5½	+16½	-22½	↓
50	+8	+11	+25	-17½	↓
62.5	+10	+14	+32	-13½	→
75	+9	+18	+38½	-10½	→
87.5	+10	+20½	+42½	+3½	↑
10600W	+9	+22½	+35	+16½	↑
12.5	+5	+12½	+26	+6½	↑
25	+4	+13½	+28½	+6	↑ cond
37.5	+1	+15	+32	-8	↑ Partly
50	-1	+17	+35½	-7	↑
62.5	+2	+19½	+39	-5	→
75	+3	+19½	+44½	-7½	→
87.5	+6	+22	+46½	-9	→
10700W	+7	+24½	+50½	-8	→
12.5	+8	+26	+53½		
10725W	+10	+27½			