



016143

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. A8210509-001

TO: Cyprus Anvil Explorations Limited
300 - 355 Burrard Street
Vancouver, B.C.
V6E 2G8

INVOICE NO. I8210509

RECEIVED Mar. 3/82

ANALYSED Mar. 16/82

ATTN:

SAMPLE NO. :	PPM (Orig. Run)		PPM (HCl leach)
	Pb	Run	Pb
81C0001-20+35 HN	92		860
1-35+60	68		680
1-60+150	76		670
1-150	72		1340
3-20+35	42		340
3-35+60	50		340
3-60+150	64		540
3-150	56		740
8-20+35	16		NSS
8-35+60	10		NSS
8-60+150	14		112
8-150	36		NSS
10-20+30	18		NSS
10-35+60	46		NSS
10-60+150	48		530
10-150	44		720
12-20+35	8		104
12-35+60	4		40
12-60+150	4		28
12-150	14		70
13-20+35	8		NSS
13-35+60	4		NSS
13-60+150	6		46
13-150	4		NSS
14-20+35	4		NSS
14-35+60	1		26
14-60+150	1		24
14-150	1		NSS



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY:

Hart Bichler



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BURRARD STREET
VANCOUVER, B.C.
V6E 2G8

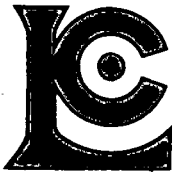
CERT. # : A8210866-001-
INVOICE # : 18210866
DATE : 20-APR-82
P.O. # : NONE

ATTN: GREG JILSEN

Sample description	Prep code	Pb ppm	Ba ppm				
81C-0001	214	105	1900	--	--	--	--
81C-0002	214	17	460	--	--	--	--
81C-0003	214	85	1860	--	--	--	--
81C-0004	214	18	960	--	--	--	--
81C-0005	214	18	840	--	--	--	--
81C-0006	214	22	760	--	--	--	--
81C-0007	214	10	980	--	--	--	--
81C-0008	214	57	1500	--	--	--	--
81C-0009	214	18	1180	--	--	--	--
81C-0010	214	75	1600	--	--	--	--
81C-0011	214	16	1080	--	--	--	--
81C-0012	214	20	1700	--	--	--	--
81C-0013	214	30	1300	--	--	--	--
81C-0014	214	15	1940	--	--	--	--
81C-0020	214	17	240	--	--	--	--
81C-0021	214	14	340	--	--	--	--
81C-0022	214	52	760	--	--	--	--
81C-0023	214	16	560	--	--	--	--
81C-0024	214	13	320	--	--	--	--
81C-0025	214	14	1080	--	--	--	--
81C-0026	214	8	680	--	--	--	--
81C-0027	214	13	460	--	--	--	--
81C-0028	214	6	960	--	--	--	--
81C-0029	214	6	1880	--	--	--	--
81C-0030	214	8	160	--	--	--	--
81C-0031	214	9	820	--	--	--	--
81C-0032	214	8	360	--	--	--	--
81C-0033	214	12	900	--	--	--	--
81C-0034	214	8	280	--	--	--	--
81C-0038	214	12	300	--	--	--	--

Certified by *Hart Buchler*





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CANADA V7J 2C1

TELEPHONE: (604)984-0221
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210865-001-
INVOICE # : 18210865
DATE : 20-APR-82
P.O. # : NONE

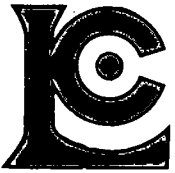
ATTN: GREG JILSEN

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm	Fe %
81C-0001	214	45	112	920	0.5	4.0	1.98
81C-0002	214	55	19	790	0.4	5.3	1.80
81C-0003	214	35	95	430	0.5	2.2	1.85
81C-0004	214	37	17	410	0.2	2.4	1.58
81C-0005	214	26	18	650	0.1	3.9	1.75
81C-0006	214	40	19	520	0.2	3.7	1.38
81C-0007	214	35	9	245	0.1	1.3	1.50
81C-0008	214	28	48	410	0.2	1.8	1.38
81C-0009	214	38	18	660	0.2	3.0	1.98
81C-0010	214	32	65	600	0.3	2.7	1.70
81C-0011	214	35	17	510	0.1	3.6	1.40
81C-0012	214	30	22	485	0.1	3.4	1.40
81C-0013	214	30	16	400	0.1	2.1	1.53
81C-0014	214	32	15	400	0.1	2.2	1.50
81C-0020	214	30	15	190	0.1	1.2	1.55
81C-0021	214	22	14	105	0.1	0.4	1.25
81C-0022	214	33	54	660	0.3	2.1	2.10
81C-0023	214	45	20	520	0.1	4.2	1.92
81C-0024	214	35	15	375	0.1	1.8	1.60
81C-0025	214	36	14	370	0.1	1.7	1.75
81C-0026	214	42	10	225	0.1	1.6	2.43
81C-0027	214	47	12	315	0.3	2.2	1.85
81C-0028	214	35	6	230	0.9	1.5	1.36
81C-0029	214	33	7	440	1.0	4.1	1.56
81C-0030	214	46	8	1800	0.2	12.4	1.35
81C-0031	214	33	8	600	1.0	4.5	1.40
81C-0032	214	33	8	600	0.5	5.2	1.62
81C-0033	214	40	8	1750	0.4	9.2	2.90
81C-0034	214	40	9	1800	0.2	9.0	2.95
81C-0038	214	22	12	110	0.1	0.2	1.90

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TELEPHONE: (604)984-0221
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CERTIFICATE OF ANALYSIS

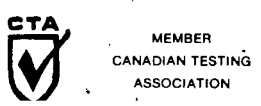
TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

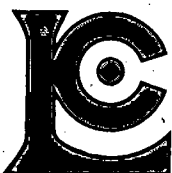
CERT. # : A8210865-001-
INVOICE # : I8210865
DATE : 20-APR-82
P.O. # : NONE

ATTN: GREG JILSEN

Sample description	Prep code	Mn ppm	Ba ppm				
81C-0001	214	325	17000	--	--	--	--
81C-0002	214	205	1360	--	--	--	--
81C-0003	214	280	16000	--	--	--	--
81C-0004	214	170	2100	--	--	--	--
81C-0005	214	260	2500	--	--	--	--
81C-0006	214	165	2200	--	--	--	--
81C-0007	214	170	2100	--	--	--	--
81C-0008	214	250	5500	--	--	--	--
81C-0009	214	310	11000	--	--	--	--
81C-0010	214	280	7000	--	--	--	--
81C-0011	214	185	3150	--	--	--	--
81C-0012	214	155	12000	--	--	--	--
81C-0013	214	240	4300	--	--	--	--
81C-0014	214	245	13500	--	--	--	--
81C-0020	214	300	1440	--	--	--	--
81C-0021	214	270	2700	--	--	--	--
81C-0022	214	295	11000	--	--	--	--
81C-0023	214	350	1840	--	--	--	--
81C-0024	214	220	1560	--	--	--	--
81C-0025	214	205	4700	--	--	--	--
81C-0026	214	390	1440	--	--	--	--
81C-0027	214	250	1000	--	--	--	--
81C-0028	214	115	2450	--	--	--	--
81C-0029	214	245	5000	--	--	--	--
81C-0030	214	190	940	--	--	--	--
81C-0031	214	195	1900	--	--	--	--
81C-0032	214	325	1520	--	--	--	--
81C-0033	214	470	3150	--	--	--	--
81C-0034	214	480	1360	--	--	--	--
81C-0038	214	450	1100	--	--	--	--

Certified by *Hart Bichler*





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CANADA V7J 2C1

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TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210510-001-
INVOICE # : I8210510
DATE : 11-MAR-82
P.O. # : NONE
81C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm
81C0001-20+35	HP 205	230	94	5800	14200	11.0	46.0
81C0001-35+60	HP 205	250	78	4100	14200	10.0	46.0
81C0001-60+150	HP 205	460	60	2000	10600	10.0	38.8
81C0001-150	HP 214	650	48	1020	7600	12.6	33.4
81C0003-20+35	HP 205	380	120	1560	10700	6.0	50.0
81C0003-35+60	HP 205	380	122	1440	11400	5.8	50.0
81C0003-60+150	HP 205	420	98	1440	10600	7.2	44.0
81C0003-150	HP 214	660	68	840	7100	9.8	32.6
81C0008-20+35	HP 205	440	130	830	8500	6.6	37.0
81C0008-35+60	HP 205	440	184	650	9800	4.0	38.0
81C0008-60+150	HP 205	420	166	640	9600	4.2	40.0
81C0008-150	HP 214	520	82	770	7800	7.4	24.4
81C0010-20+35	HP 205	360	148	1570	12200	5.4	48.0
81C0010-35+60	HP 205	352	141	1390	11100	5.0	50.0
81C0010-60+150	HP 205	440	94	1490	11300	8.0	42.0
81C0010-150	HP 214	610	52	860	7200	10.0	29.2
81C0012-20+35	HP 205	450	120	500	7100	4.8	31.4
81C0012-35+60	HP 205	440	118	480	6900	5.0	31.2
81C0012-60+150	HP 205	450	128	440	6800	5.0	29.0
81C0012-150	HP 214	583	183	400	6100	5.3	26.0
81C0013-20+35	HP 205	410	126	370	7000	4.4	28.0
81C0013-35+60	HP 205	430	136	450	7400	3.8	38.4
81C0013-60+150	HP 205	480	146	444	7400	4.8	28.4
81C0013-150	HP 214	512	172	472	7800	6.0	25.6
81C0014-20+35	HP 205	420	94	340	4700	4.0	17.4
81C0014-35+60	HP 205	440	100	396	4700	4.0	17.6
81C0014-60+150	HP 205	470	108	360	4800	12.4	17.8
81C0014-150	HP 214	511	129	375	4700	5.5	20.5
81C0001-20+35	IP 205	190	92	1800	13700	3.6	50.0
81C0001-35+60	IP 205	248	100	1870	13600	3.6	52.0
81C0001-60+150	IP 205	332	86	1230	11400	4.2	44.0
81C0001-150	IP 214	500	88	1040	10600	6.6	46.0
81C0003-20+35	IP 205	300	158	530	7800	2.0	37.0
81C0003-35+60	IP 205	300	168	616	8900	1.6	40.0
81C0003-60+150	IP 205	330	126	844	9800	3.2	42.0
81C0003-150	IP 214	470	106	740	4300	5.4	40.0
81C0008-20+35	IP 205	424	194	336	7900	2.6	34.0
81C0008-35+60	IP 205	410	230	360	8500	2.0	33.4
81C0008-60+150	IP 205	390	220	420	9100	2.2	31.6
81C0008-150	IP 214	440	124	640	10200	4.2	28.8



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CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

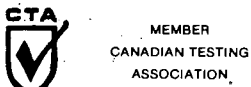
TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BURRARD STREET
VANCOUVER, B.C.
V6E 2G8.

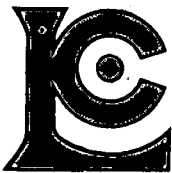
CERT. # : A8210510-001-
INVOICE # : I8210510
DATE : 11-MAR-82
P.O. # : NONE
B1C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Fe %	Mn ppm	AS ppm	Sb ppm		
81C0001-20+35	HP 205	44.00	1260	120	36.0	--	--
81C0001-35+60	HP 205	44.00	1370	120	32.0	--	--
81C0001-60+150	HP 205	55.00	1710	100	36.0	--	--
81C0001-150	HP 214	57.00	2000	115	32.0	--	--
81C0003-20+35	HP 205	58.00	1420	210	64.0	--	--
81C0003-35+60	HP 205	59.00	1500	210	66.0	--	--
81C0003-60+150	HP 205	56.00	1860	160	52.0	--	--
81C0003-150	HP 214	57.00	2100	145	36.0	--	--
81C0008-20+35	HP 205	61.00	1300	200	61.0	--	--
81C0008-35+60	HP 205	59.00	1480	200	63.0	--	--
81C0008-60+150	HP 205	60.00	1520	210	67.0	--	--
81C0008-150	HP 214	56.00	1800	160	43.0	--	--
81C0010-20+35	HP 205	55.00	2100	175	N.S.S.	--	--
81C0010-35+60	HP 205	56.00	2610	363	60.0	--	--
81C0010-60+150	HP 205	55.00	2200	145	46.0	--	--
81C0010-150	HP 214	54.00	2100	145	34.0	--	--
81C0012-20+35	HP 205	59.00	1180	180	53.0	--	--
81C0012-35+60	HP 205	57.00	1090	150	52.0	--	--
81C0012-60+150	HP 205	52.00	1100	140	58.0	--	--
81C0012-150	HP 214	33.00	1630	217	N.S.S.	--	--
81C0013-20+35	HP 205	55.00	1060	160	54.0	--	--
81C0013-35+60	HP 205	54.00	1220	170	53.0	--	--
81C0013-60+150	HP 205	58.00	1300	165	62.0	--	--
81C0013-150	HP 214	42.00	1680	300	N.S.S.	--	--
81C0014-20+35	HP 205	58.00	1040	190	50.0	--	--
81C0014-35+60	HP 205	56.00	1120	195	49.0	--	--
81C0014-60+150	HP 205	57.00	1140	180	49.0	--	--
81C0014-150	HP 214	43.00	1270	307	N.S.S.	--	--
81C0001-20+35	IP 205	48.00	1110	110	34.0	--	--
81C0001-35+60	IP 205	53.00	1090	140	29.0	--	--
81C0001-60+150	IP 205	47.00	1000	130	32.0	--	--
81C0001-150	IP 214	49.00	1320	145	N.S.S.	--	--
81C0003-20+35	IP 205	29.00	1290	170	48.0	--	--
81C0003-35+60	IP 205	33.00	1320	160	48.0	--	--
81C0003-60+150	IP 205	43.00	1600	140	44.0	--	--
81C0003-150	IP 214	45.00	1820	145	43.0	--	--
81C0008-20+35	IP 205	42.00	1000	200	59.0	--	--
81C0008-35+60	IP 205	42.00	1340	215	60.0	--	--
81C0008-60+150	IP 205	43.00	1600	210	63.0	--	--
81C0008-150	IP 214	51.00	2040	160	51.0	--	--

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CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210510-002-
INVOICE # : I8210510
DATE : 11-MAR-82
P.O. # : NONE
81C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm
81C0010-20+35	IP 205	290	174	680	11400	2.4	46.0
81C0010-35+60	IP 205	250	148	668	11400	2.0	46.0
81C0010-60+150	IP 205	310	116	816	10800	3.2	42.0
81C0010-150	IP 214	480	94	780	9400	6.0	42.0
81C0012-20+35	IP 205	450	184	310	7160	3.4	32.4
81C0012-35+60	IP 205	440	188	286	7000	2.8	31.6
81C0012-60+150	IP 205	450	192	280	7300	2.8	36.0
81C0012-150	IP 214	543	174	413	8050	4.3	29.6
81C0013-20+35	IP 205	400	178	264	7000	3.0	27.0
81C0013-35+60	IP 205	420	178	244	7300	2.8	27.4
81C0013-60+150	IP 205	410	220	276	7700	3.2	26.8
81C0013-150	IP 214	483	217	415	9130	4.2	27.4
81C0014-20+35	IP 205	390	148	272	5600	2.8	19.8
81C0014-35+60	IP 205	390	170	250	6100	3.2	20.8
81C0014-60+150	IP 205	450	180	264	6400	3.8	21.8
81C0014-150	IP 214	440	180	292	5700	3.6	19.2
81C0001 400L	205	96	12	212	2240	1.2	8.4
81C0003 400L	205	80	12	116	1360	1.0	6.8
81C0008 400L	205	70	8	64	820	0.6	6.6
81C0010 400L	205	120	14	180	2100	1.6	11.4
81C0012 400L	205	134	18	48	960	0.8	6.6
81C0013 400L	205	132	16	56	1000	0.8	8.2
81C0014 400L	205	104	14	32	680	0.6	4.0
81C0001 ORG	205	34	8	108	1300	0.1	5.4
81C0003 ORG	205	38	10	76	950	0.4	4.8
81C0008 ORG	205	32	8	40	630	0.1	3.4
81C0010 ORG	205	32	8	74	1020	0.4	5.4
81C0012 ORG	205	30	10	20	500	0.1	3.4
81C0013 ORG	205	24	12	14	470	0.1	2.6
81C0014 ORG	205	34	8	12	370	0.1	2.2

Certified by

Hart Biehler



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CANADIAN TESTING
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212 BROOKSBANK AVE.
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CANADA V7J 2C1
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TELEX: 043-52597

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TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

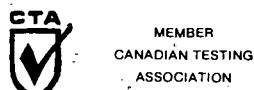
CERT. # : A8210510-002-
INVOICE # : I8210510
DATE : 11-MAR-82
P.O. # : NONE
81C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Fe %	Mn ppm	AS ppm	Sb ppm		
81C0010-20+35	IP 205	44.00	2660	150	50.0	--	--
81C0010-35+60	IP 205	43.00	1980	125	44.0	--	--
81C0010-60+150	IP 205	44.00	1700	120	42.0	--	--
81C0010-150	IP 214	45.00	1860	145	41.0	--	--
81C0012-20+35	IP 205	44.00	1290	180	55.0	--	--
81C0012-35+60	IP 205	41.00	1240	165	59.0	--	--
81C0012-60+150	IP 205	40.00	1280	155	63.0	--	--
81C0012-150	IP 214	32.00	1740	239	N.S.S.	--	--
81C0013-20+35	IP 205	44.00	1040	160	54.0	--	--
81C0013-35+60	IP 205	41.00	1340	160	57.0	--	--
81C0013-60+150	IP 205	41.00	1380	170	64.0	--	--
81C0013-150	IP 214	35.00	1830	375	N.S.S.	--	--
81C0014-20+35	IP 205	40.00	1200	155	48.0	--	--
81C0014-35+60	IP 205	40.00	1240	170	52.0	--	--
81C0014-60+150	IP 205	42.00	1320	180	52.0	--	--
81C0014-150	IP 214	30.20	1420	300	N.S.S.	--	--
81C0001 400L	205	3.10	600	12	5.6	--	--
81C0003 400L	205	2.56	460	14	5.6	--	--
81C0008 400L	205	2.06	380	10	4.0	--	--
81C0010 400L	205	3.46	670	17	5.4	--	--
81C0012 400L	205	2.50	480	14	4.8	--	--
81C0013 400L	205	2.56	500	12	4.8	--	--
81C0014 400L	205	2.24	380	10	4.0	--	--
81C0001 ORG	205	2.40	420	9	4.0	--	--
81C0003 ORG	205	1.86	320	10	5.6	--	--
81C0008 ORG	205	1.70	250	6	4.0	--	--
81C0010 ORG	205	2.16	390	9	4.0	--	--
81C0012 ORG	205	1.62	230	6	4.0	--	--
81C0013 ORG	205	1.42	220	6	2.4	--	--
81C0014 ORG	205	1.60	200	5	3.2	--	--

Certified by

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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

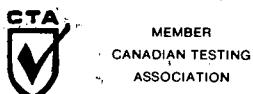
TO : CYPRUS ANVIL EXPLORATIONS LIMITED
 300-355 BURRARD STREET
 VANCOUVER, B.C.
 V6E 2G8

CERT. # : A8210517-001-
 INVOICE # : I8210517
 DATE : 15-MAR-82
 P.O. # : NONE
 81-C

ATTN: G. JILSEN

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm
81C0002-35+60	IP 205	350	250	154	8400	0.8	48.0
81C0004-35+60	IP 205	480	130	204	3100	3.0	32.4
81C0005-35+60	IP 205	400	240	136	7500	2.2	38.0
81C0006-35+60	IP 205	476	250	220	9100	3.0	50.0
81C0007-35+60	IP 205	464	234	202	4787	7.7	18.1
81C0009-35+60	IP 205	290	230	124	6100	1.8	29.6
81C0011-35+60	IP 205	410	230	164	7700	2.6	39.6
81C0020-35+60	IP 205	480	138	190	3400	2.2	22.0
81C0021-35+60	IP 205	406	134	370	3500	1.8	14.2
81C0022-35+60	IP 205	276	220	584	9200	1.4	44.0
81C0023-35+60	IP 205	100	66	52	1860	0.1	12.8
81C0024-35+60	IP 205	475	345	175	6500	2.5	36.5
81C0025-35+60	IP 205	500	168	252	5000	4.4	25.0
81C0026-35+60	IP 205	96	24	20	640	0.1	3.6
81C0027-35+60	IP 205	126	40	56	1060	0.1	4.8
81C0028-35+60	IP 205	200	94	36	3700	5.4	13.0
81C0029-35+60	IP 205	360	230	60	6900	3.8	60.0
81C0030-35+60	IP 205	380	280	60	12000	1.6	136.0
81C0031-35+60	IP 205	346	230	74	6800	4.4	47.0
81C0032-35+60	IP 205	340	106	144	5000	3.2	39.6
81C0033-35+60	IP 205	360	200	150	6400	3.0	50.0
81C0034-35+60	IP 205	312	140	52	7400	1.2	60.0
81C0035-35+60	IP 205	388	182	178	10500	3.6	79.6
81C0036-35+60	IP 205	430	86	366	2960	2.2	24.4
81C0037-35+60	IP 205	430	46	544	1280	1.8	6.2
81C0038-35+60	IP 205	456	58	486	1560	1.8	11.2
81C0002-60	HP 205	340	220	420	13000	2.2	62.0
81C0004-60	HP 205	430	86	256	7000	3.2	37.0
81C0005-60	HP 205	420	210	216	8400	3.8	39.0
81C0006-60	HP 205	436	170	336	9200	3.6	49.0
81C0007-60	HP 205	600	184	230	5040	9.8	19.2
81C0009-60	HP 205	346	184	190	7200	2.4	33.0
81C0011-60	HP 205	420	144	316	8600	4.6	43.0
81C0020-60	HP 205	740	174	330	3760	6.2	23.0
81C0021-60	HP 205	500	102	364	3060	3.6	14.6
81C0022-60	HP 205	376	176	464	9000	3.4	41.6
81C0023-60	HP 205	360	152	340	5400	2.8	39.2
81C0024-60	HP 205	790	290	224	6800	6.6	38.0
81C0025-60	HP 205	520	148	260	4600	6.8	24.0
81C0026-60	HP 205	566	86	150	2800	3.6	16.2

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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: CYPRUS ANVIL EXPLORATIONS LIMITED
 300-355 BURRARD STREET
 VANCOUVER, B.C.
 V6E 2G8

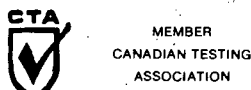
CERT. # : A8210517-001-8
 INVOICE # : 18210517
 DATE : 15-MAR-82
 P.O. # : NONE
 81-C

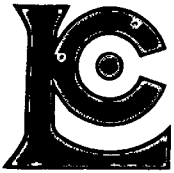
ATTN: G. JILSEN

Sample description	Prep code	Fe %	Mn ppm	AS ppm	Sb ppm		
81C0002-35+60	IP 205	29.00	1110	220	70.0	--	--
81C0004-35+60	IP 205	35.00	1680	200	52.0	--	--
81C0005-35+60	IP 205	33.00	880	230	62.0	--	--
81C0006-35+60	IP 205	35.00	730	220	74.0	--	--
81C0007-35+60	IP 205	34.00	596	150	N.S.S.	--	--
81C0009-35+60	IP 205	33.40	930	180	56.0	--	--
81C0011-35+60	IP 205	32.00	716	140	66.0	--	--
81C0020-35+60	IP 205	28.00	1040	160	40.0	--	--
81C0021-35+60	IP 205	31.00	1970	220	56.0	--	--
81C0022-35+60	IP 205	35.00	910	300	70.0	--	--
81C0023-35+60	IP 205	11.90	1440	80	26.0	--	--
81C0024-35+60	IP 205	36.00	1125	200	N.S.S.	--	--
81C0025-35+60	IP 205	35.00	960	140	N.S.S.	--	--
81C0026-35+60	IP 205	11.60	1340	24	8.0	--	--
81C0027-35+60	IP 205	15.00	1350	50	11.2	--	--
81C0028-35+60	IP 205	30.00	1736	160	29.0	--	--
81C0029-35+60	IP 205	35.00	740	200	64.0	--	--
81C0030-35+60	IP 205	37.00	760	220	76.0	--	--
81C0031-35+60	IP 205	35.00	1180	200	68.0	--	--
81C0032-35+60	IP 205	25.00	840	140	48.0	--	--
81C0033-35+60	IP 205	35.00	960	200	58.0	--	--
81C0034-35+60	IP 205	39.00	1016	160	40.0	--	--
81C0035-35+60	IP 205	36.00	670	200	92.0	--	--
81C0036-35+60	IP 205	34.00	920	340	33.0	--	--
81C0037-35+60	IP 205	33.00	1146	180	20.0	--	--
81C0038-35+60	IP 205	33.00	1010	220	26.0	--	--
81C0002-60	HP 205	47.00	1340	240	75.0	--	--
81C0004-60	HP 205	46.00	1470	170	46.0	--	--
81C0005-60	HP 205	42.60	1080	220	68.0	--	--
81C0006-60	HP 205	45.00	1310	200	68.0	--	--
81C0007-60	HP 205	41.00	800	120	47.0	--	--
81C0009-60	HP 205	44.00	1120	170	50.0	--	--
81C0011-60	HP 205	45.40	1116	180	66.0	--	--
81C0020-60	HP 205	41.40	1250	220	44.0	--	--
81C0021-60	HP 205	41.40	2900	240	53.0	--	--
81C0022-60	HP 205	42.60	1456	260	68.0	--	--
81C0023-60	HP 205	42.60	750	270	73.0	--	--
81C0024-60	HP 205	44.00	1180	250	N.S.S.	--	--
81C0025-60	HP 205	41.80	1090	120	45.0	--	--
81C0026-60	HP 205	40.60	776	100	30.0	--	--

Hart Buchler

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CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

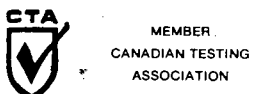
TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210517-002-
INVOICE # : I8210517
DATE : 15-MAR-82
P.O. # : NONE
81-C

ATTN: G. JILSEN

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm
81C0027-60	HP 205	560	122	250	3640	2.8	14.4
81C0028-60	HP 205	225	115	190	3330	13.0	16.0
81C0029-60	HP 205	410	240	112	7200	5.8	59.0
81C0030-60	HP 205	372	198	124	10800	2.0	122.0
81C0031-60	HP 205	380	190	116	7000	5.4	51.0
81C0032-60	HP 205	360	70	204	5200	3.4	41.0
81C0033-60	HP 205	390	166	230	7000	4.6	52.0
81C0034-60	HP 205	370	176	106	8120	1.2	61.0
81C0035-60	HP 205	272	68	170	10500	3.0	68.0
81C0036-60	HP 205	480	68	396	2560	2.4	18.0
81C0037-60	HP 205	560	68	640	1030	1.8	4.2
81C0038-60	HP 205	530	70	520	1800	2.0	12.8

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CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BURRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210517-002-1
INVOICE # : 18210517
DATE : 15-MAR-82
P.O. # : NONE
81-C

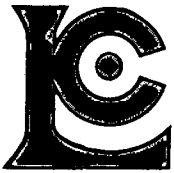
ATTN: G. JILSEN

Sample description	Prep code	Fe %	Mn ppm	AS ppm	Sb ppm		
81C0027-60	HP 205	41.00	1040	170	37.0	--	--
81C0028-60	HP 205	32.00	1370	120	N.S.S.	--	--
81C0029-60	HP 205	42.00	910	280	74.0	--	--
81C0030-60	HP 205	45.00	935	220	70.0	--	--
81C0031-60	HP 205	42.00	1200	220	66.0	--	--
81C0032-60	HP 205	43.00	1360	140	51.0	--	--
81C0033-60	HP 205	45.00	1160	160	49.0	--	--
81C0034-60	HP 205	46.00	1065	130	48.0	--	--
81C0035-60	HP 205	47.00	760	100	46.0	--	--
81C0036-60	HP 205	47.00	1040	300	24.0	--	--
81C0037-60	HP 205	51.00	1050	300	17.0	--	--
81C0038-60	HP 205	43.00	955	230	25.0	--	--



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TELEPHONE: (604)984-0221
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BURRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210518-001-
INVOICE # : I8210518
DATE : 16-MAR-82
P.O. # : NONE
81-C

ATTN: G. JILSEN

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm
81C0002-60 HN	205	390	30	1	4320	1.0	63.0
81C0004-60 HN	205	82	6	1	540	0.1	5.8
81C0005-60 HN	205	110	50	1	4400	0.4	71.0
81C0006-60 HN	205	122	28	24	3300	0.8	30.6
81C0007-60 HN	205	320	12	1	2560	0.6	32.0
81C0009-60 HN	205	26	4	1	480	0.1	4.4
81C0011-60 HN	205	64	24	1	2700	0.1	40.4
81C0020-60 HN	205	1160	26	1	5500	1.6	92.0
81C0021-60 HN	205	130	8	1	426	0.1	5.0
81C0022-60 HN	205	12	6	24	330	0.1	1.6
81C0023-60 HN	205	790	48	1	2060	1.2	31.6
81C0024-60 HN	205	610	32	1	9700	1.0	152.0
81C0025-60 HN	205	60	6	1	744	0.1	6.6
81C0026-60 HN	205	410	18	1	1600	0.4	14.2
81C0027-60 HN	205	396	26	1	1080	0.1	10.0
81C0028-60 HN	205	148	6	1	1460	3.8	17.6
81C0029-60 HN	205	108	6	1	1240	2.8	17.2
81C0030-60 HN	205	240	210	24	8300	3.8	176.0
81C0031-60 HN	205	230	18	1	3900	8.6	57.0
81C0032-60 HN	205	176	6	1	3060	1.0	52.0
81C0033-60 HN	205	80	4	1	1320	1.6	17.6
81C0034-60 HN	205	544	12	1	3060	2.2	61.0
81C0035-60 HN	205	276	54	10	36500	3.4	350.0
81C0036-60 HN	205	636	26	6	6760	2.8	118.0
81C0037-60 HN	205	1580	14	1	1600	0.8	18.6
81C0038-60 HN	205	1350	17	118	4060	1.2	43.5

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CANADA V7J 2C1

TELEPHONE: (604)984-0221

TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

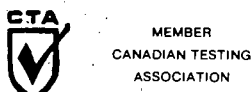
TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

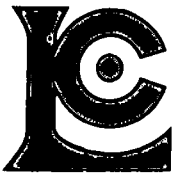
CERT. # : A8210518-001-
INVOICE # : I8210518
DATE : 16-MAR-82
P.O. # : NONE
81-C

ATTN: G. JILSEN

Sample description	Prep code	Fe %	Mn ppm	AS ppm	W ppm	Sn ppm	Sb ppm
81C0002-60 HN	205	8.50	102	35	N.S.S.	N.S.S.	8.0
81C0004-60 HN	205	0.58	24	6	1	2	0.4
81C0005-60 HN	205	3.76	84	17	1	8	3.2
81C0006-60 HN	205	1.62	52	9	N.S.S.	2	4.8
81C0007-60 HN	205	5.00	40	11	1	2	2.4
81C0009-60 HN	205	0.46	42	5	1	2	1.6
81C0011-60 HN	205	1.60	44	7	1	10	2.4
81C0020-60 HN	205	8.70	152	41	N.S.S.	N.S.S.	3.2
81C0021-60 HN	205	2.16	86	19	N.S.S.	N.S.S.	2.4
81C0022-60 HN	205	0.74	54	9	1	2	1.6
81C0023-60 HN	205	11.00	90	65	4	2	1.6
81C0024-60 HN	205	4.30	92	22	N.S.S.	N.S.S.	N.S.S.
81C0025-60 HN	205	0.62	36	4	1	2	0.8
81C0026-60 HN	205	7.80	88	50	1	2	0.4
81C0027-60 HN	205	3.96	78	15	1	4	1.6
81C0028-60 HN	205	3.10	138	27	N.S.S.	10	0.8
81C0029-60 HN	205	2.76	70	22	16	8	3.2
81C0030-60 HN	205	2.94	144	30	N.S.S.	N.S.S.	8.0
81C0031-60 HN	205	4.60	190	43	N.S.S.	N.S.S.	9.6
81C0032-60 HN	205	7.00	136	35	26	2	6.4
81C0033-60 HN	205	1.76	148	16	N.S.S.	N.S.S.	5.6
81C0034-60 HN	205	8.10	376	55	N.S.S.	N.S.S.	N.S.S.
81C0035-60 HN	205	6.10	134	43	N.S.S.	N.S.S.	N.S.S.
81C0036-60 HN	205	20.00	116	99	N.S.S.	N.S.S.	7.0
81C0037-60 HN	205	11.00	154	99	N.S.S.	N.S.S.	2.4
81C0038-60 HN	205	17.06	106	265	N.S.S.	N.S.S.	N.S.S.

Certified by *Hart Bichler*





CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210518-001-0
INVOICE # : I8210518
DATE : 16-MAR-82
P.O. # : NONE
81-C

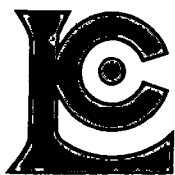
ATTN: G. JILSEN

Sample description	Prep code	Au NAA ppb						
81C0002-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0004-60	HN 205	<10	--	--	--	--	--	--
81C0005-60	HN 205	15	--	--	--	--	--	--
81C0006-60	HN 205	20	--	--	--	--	--	--
81C0007-60	HN 205	<10	--	--	--	--	--	--
81C0009-60	HN 205	<10	--	--	--	--	--	--
81C0011-60	HN 205	20	--	--	--	--	--	--
81C0020-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0021-60	HN 205	11	--	--	--	--	--	--
81C0022-60	HN 205	10	--	--	--	--	--	--
81C0023-60	HN 205	70	--	--	--	--	--	--
81C0024-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0025-60	HN 205	<10	--	--	--	--	--	--
81C0026-60	HN 205	<10	--	--	--	--	--	--
81C0027-60	HN 205	10	--	--	--	--	--	--
81C0028-60	HN 205	30	--	--	--	--	--	--
81C0029-60	HN 205	<10	--	--	--	--	--	--
81C0030-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0031-60	HN 205	<10	--	--	--	--	--	--
81C0032-60	HN 205	<10	--	--	--	--	--	--
81C0033-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0034-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0035-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0036-60	HN 205	N.S.S.	--	--	--	--	--	--
81C0037-60	HN 205	<80	--	--	--	--	--	--
81C0038-60	HN 205	N.S.S.	--	--	--	--	--	--

Certified by *Hart Buchler*



MEMBER
CANADIAN TESTING
ASSOCIATION



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

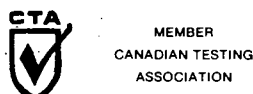
TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210518-001-
INVOICE # : I8210518
DATE : 16-MAR-82
P.O. # : NONE
81-C

ATTN: G. JILSEN

Sample description	Prep code	Ba NAA %						
81C0002-60 HN	205	DELAYED	--	--	--	--	--	--
81C0004-60 HN	205	DELAYED	--	--	--	--	--	--
81C0005-60 HN	205	DELAYED	--	--	--	--	--	--
81C0006-60 HN	205	DELAYED	--	--	--	--	--	--
81C0007-60 HN	205	DELAYED	--	--	--	--	--	--
81C0009-60 HN	205	DELAYED	--	--	--	--	--	--
81C0011-60 HN	205	DELAYED	--	--	--	--	--	--
81C0020-60 HN	205	DELAYED	--	--	--	--	--	--
81C0021-60 HN	205	DELAYED	--	--	--	--	--	--
81C0022-60 HN	205	DELAYED	--	--	--	--	--	--
81C0023-60 HN	205	DELAYED	--	--	--	--	--	--
81C0024-60 HN	205	DELAYED	--	--	--	--	--	--
81C0025-60 HN	205	DELAYED	--	--	--	--	--	--
81C0026-60 HN	205	DELAYED	--	--	--	--	--	--
81C0027-60 HN	205	DELAYED	--	--	--	--	--	--
81C0028-60 HN	205	DELAYED	--	--	--	--	--	--
81C0029-60 HN	205	DELAYED	--	--	--	--	--	--
81C0030-60 HN	205	DELAYED	--	--	--	--	--	--
81C0031-60 HN	205	DELAYED	--	--	--	--	--	--
81C0032-60 HN	205	DELAYED	--	--	--	--	--	--
81C0033-60 HN	205	DELAYED	--	--	--	--	--	--
81C0034-60 HN	205	DELAYED	--	--	--	--	--	--
81C0035-60 HN	205	DELAYED	--	--	--	--	--	--
81C0036-60 HN	205	DELAYED	--	--	--	--	--	--
81C0037-60 HN	205	DELAYED	--	--	--	--	--	--
81C0038-60 HN	205	DELAYED	--	--	--	--	--	--

.....
Registered Assayer, Province of British Columbia





CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

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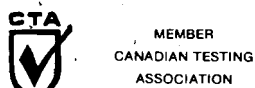
CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
 300-355 BURRARD STREET
 VANCOUVER, B.C.
 V6E 2G8

CERT. # : A8210509-001-
 INVOICE # : I8210509
 DATE : 11-MAR-82
 P.O. # : NONE
 81C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm
81C0001-20+35	HN 205	34	10	92	1520	5.2	6.6
81C0001-35+60	HN 205	60	6	68	1380	5.4	6.0
81C0001-60+150	HN 205	60	6	76	2000	4.6	13.4
81C0001-150	HN 214	58	6	72	1280	4.6	12.0
81C0003-20+35	HN 205	22	6	42	720	1.6	3.2
81C0003-35+60	HN 205	24	4	50	640	1.8	3.2
81C0003-60+150	HN 205	46	8	64	1220	2.2	8.0
81C0003-150	HN 214	52	10	56	1740	3.2	12.2
81C0008-20+35	HN 205	18	10	16	500	0.4	1.4
81C0008-35+60	HN 205	16	4	10	680	0.6	4.4
81C0008-60+150	HN 205	60	4	14	1040	0.6	6.8
81C0008-150	HN 214	100	12	36	2400	2.6	17.2
81C0010-20+30	HN 205	58	8	18	1300	1.0	8.0
81C0010-35+60	HN 205	46	10	46	2000	1.4	14.2
81C0010-60+150	HN 205	80	14	48	3200	2.2	21.0
81C0010-150	HN 214	104	12	44	2400	4.6	18.4
81C0012-20+35	HN 205	62	8	8	1000	0.1	6.2
81C0012-35+60	HN 205	68	4	4	980	0.1	6.0
81C0012-60+150	HN 205	98	1	4	760	0.1	5.0
81C0012-150	HN 214	114	14	14	880	0.1	5.4
81C0013-20+35	HN 205	14	6	8	670	0.1	3.4
81C0013-35+60	HN 205	138	6	4	1530	0.1	10.6
81C0013-60+150	HN 205	180	6	6	2200	0.1	17.8
81C0013-150	HN 214	250	14	4	2000	0.6	13.4
81C0014-20+35	HN 205	82	8	4	770	0.6	4.0
81C0014-35+60	HN 205	152	6	1	1180	0.4	10.0
81C0014-60+150	HN 205	148	6	1	1350	0.4	11.4
81C0014-150	HN 214	204	12	1	1350	0.6	10.2



Certified by *H. B. Bickler*...



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
 300-355 BARRARD STREET
 VANCOUVER, B.C.
 V6E 2G8

CERT. # : A8210509-001-
 INVOICE # : 18210509
 DATE : 11-MAR-82
 P.O. # : NONE
 81C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Fe %	Mn ppm	AS ppm	W ppm	Sn ppm	Sb ppm
81C0001-20+35	HN 205	1.54	320	16	1	2	4.0
81C0001-35+60	HN 205	1.24	240	12	1	4	2.4
81C0001-60+150	HN 205	0.94	120	9	1	4	2.4
81C0001-150	HN 214	1.32	40	9	1	2	0.8
81C0003-20+35	HN 205	0.80	110	10	1	2	2.4
81C0003-35+60	HN 205	0.44	60	6	1	2	1.6
81C0003-60+150	HN 205	0.78	70	7	1	1	1.6
81C0003-150	HN 214	1.20	80	7	1	4	1.6
81C0008-20+35	HN 205	1.70	80	12	N.S.S.	N.S.S.	3.6
81C0008-35+60	HN 205	0.76	60	9	N.S.S.	N.S.S.	2.4
81C0008-60+150	HN 205	0.64	50	7	1	38	1.6
81C0008-150	HN 214	1.40	100	10	N.S.S.	60	1.6
81C0010-20+30	HN 205	1.42	120	12	N.S.S.	N.S.S.	2.6
81C0010-35+60	HN 205	1.60	140	12	N.S.S.	N.S.S.	2.4
81C0010-60+150	HN 205	2.00	160	16	1	8	4.8
81C0010-150	HN 214	1.80	90	14	1	10	2.4
81C0012-20+35	HN 205	1.14	90	10	1	2	2.4
81C0012-35+60	HN 205	0.58	40	5	1	4	1.6
81C0012-60+150	HN 205	0.58	20	4	1	2	0.8
81C0012-150	HN 214	2.40	170	12	4	4	3.2
81C0013-20+35	HN 205	0.94	80	7	N.S.S.	N.S.S.	1.6
81C0013-35+60	HN 205	0.82	70	7	N.S.S.	4	1.6
81C0013-60+150	HN 205	1.14	50	6	1	4	0.8
81C0013-150	HN 214	2.60	120	14	N.S.S.	N.S.S.	2.4
81C0014-20+35	HN 205	2.32	120	15	N.S.S.	4	2.4
81C0014-35+60	HN 205	2.40	90	14	4	4	1.6
81C0014-60+150	HN 205	3.68	60	19	1	2	0.8
81C0014-150	HN 214	4.70	130	23	6	2	1.6

Certified by *Hart Bichler*



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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604)984-0221
TELEX: 043-52597

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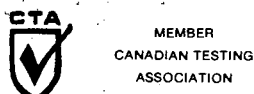
CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BURRARD STREET
VANCOUVER, B.C.
V6E 2G8

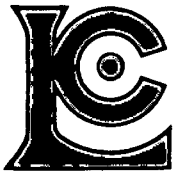
CERT. # : A8210509-001-
INVOICE # : I8210509
DATE : 11-MAR-82
P.O. # : NONE
81C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Au NAA ppb						
81C0001-20+35	HN 205	DELAYED	--	--	--	--	--	--
81C0001-35+60	HN 205	DELAYED	--	--	--	--	--	--
81C0001-60+150	HN 205	DELAYED	--	--	--	--	--	--
81C0001-150	HN 214	DELAYED	--	--	--	--	--	--
81C0003-20+35	HN 205	DELAYED	--	--	--	--	--	--
81C0003-35+60	HN 205	DELAYED	--	--	--	--	--	--
81C0003-60+150	HN 205	DELAYED	--	--	--	--	--	--
81C0003-150	HN 214	DELAYED	--	--	--	--	--	--
81C0008-20+35	HN 205	DELAYED	--	--	--	--	--	--
81C0008-35+60	HN 205	DELAYED	--	--	--	--	--	--
81C0008-60+150	HN 205	DELAYED	--	--	--	--	--	--
81C0008-150	HN 214	DELAYED	--	--	--	--	--	--
81C0010-20+30	HN 205	DELAYED	--	--	--	--	--	--
81C0010-35+60	HN 205	DELAYED	--	--	--	--	--	--
81C0010-60+150	HN 205	DELAYED	--	--	--	--	--	--
81C0010-150	HN 214	DELAYED	--	--	--	--	--	--
81C0012-20+35	HN 205	DELAYED	--	--	--	--	--	--
81C0012-35+60	HN 205	DELAYED	--	--	--	--	--	--
81C0012-60+150	HN 205	DELAYED	--	--	--	--	--	--
81C0012-150	HN 214	DELAYED	--	--	--	--	--	--
81C0013-20+35	HN 205	DELAYED	--	--	--	--	--	--
81C0013-35+60	HN 205	DELAYED	--	--	--	--	--	--
81C0013-60+150	HN 205	DELAYED	--	--	--	--	--	--
81C0013-150	HN 214	DELAYED	--	--	--	--	--	--
81C0014-20+35	HN 205	DELAYED	--	--	--	--	--	--
81C0014-35+60	HN 205	DELAYED	--	--	--	--	--	--
81C0014-60+150	HN 205	DELAYED	--	--	--	--	--	--
81C0014-150	HN 214	DELAYED	--	--	--	--	--	--



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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210509-001-A
INVOICE # : 18210509-A
DATE : 25-MAR-82
P.O. # : NONE
81C ORIENTATION

ATTN: G. JILSEN

Sample description	Prep code	Ba NAA %						
81C0001-20+35	HN 205	46.10	--	--	--	--	--	--
81C0001-35+60	HN 205	44.40	--	--	--	--	--	--
81C0001-60+150	HN 205	48.40	--	--	--	--	--	--
81C0001-150	HN 214	54.90	--	--	--	--	--	--
81C0003-20+35	HN 205	45.60	--	--	--	--	--	--
81C0003-35+60	HN 205	53.80	--	--	--	--	--	--
81C0003-60+150	HN 205	47.90	--	--	--	--	--	--
81C0003-150	HN 214	40.70	--	--	--	--	--	--
81C0008-20+35	HN 205	N.S.S.	--	--	--	--	--	--
81C0008-35+60	HN 205	N.S.S.	--	--	--	--	--	--
81C0008-60+150	HN 205	50.30	--	--	--	--	--	--
81C0008-150	HN 214	N.S.S.	--	--	--	--	--	--
81C0010-20+30	HN 205	N.S.S.	--	--	--	--	--	--
81C0010-35+60	HN 205	N.S.S.	--	--	--	--	--	--
81C0010-60+150	HN 205	45.40	--	--	--	--	--	--
81C0010-150	HN 214	44.00	--	--	--	--	--	--
81C0012-20+35	HN 205	37.40	--	--	--	--	--	--
81C0012-35+60	HN 205	42.00	--	--	--	--	--	--
81C0012-60+150	HN 205	55.30	--	--	--	--	--	--
81C0012-150	HN 214	17.20	--	--	--	--	--	--
81C0013-20+35	HN 205	N.S.S.	--	--	--	--	--	--
81C0013-35+60	HN 205	N.S.S.	--	--	--	--	--	--
81C0013-60+150	HN 205	45.70	--	--	--	--	--	--
81C0013-150	HN 214	N.S.S.	--	--	--	--	--	--
81C0014-20+35	HN 205	N.S.S.	--	--	--	--	--	--
81C0014-35+60	HN 205	37.60	--	--	--	--	--	--
81C0014-60+150	HN 205	48.50	--	--	--	--	--	--
81C0014-150	HN 214	N.S.S.	--	--	--	--	--	--

.....
Registered Assayer, Province of British Columbia





CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210518-001-
INVOICE # : 18210518
DATE : 25-MAR-82
P.O. # : NONE
81-C

ATTN: G. JILSEN

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm
81C0002-60 HN	205	390	30	1	4320	1.0	63.0
81C0004-60 HN	205	82	6	1	540	0.1	5.8
81C0005-60 HN	205	110	50	1	4400	0.4	71.0
81C0006-60 HN	205	122	28	24	3300	0.8	30.6
81C0007-60 HN	205	320	12	1	2560	0.6	32.0
81C0009-60 HN	205	26	4	1	480	0.1	4.4
81C0011-60 HN	205	64	24	1	2700	0.1	40.4
81C0020-60 HN	205	1160	26	1	5500	1.6	92.0
81C0021-60 HN	205	130	8	1	426	0.1	5.0
81C0022-60 HN	205	12	6	24	330	0.1	1.6
81C0023-60 HN	205	790	48	1	2060	1.2	31.6
81C0024-60 HN	205	610	32	1	9700	1.0	152.0
81C0025-60 HN	205	60	6	1	744	0.1	6.6
81C0026-60 HN	205	410	18	1	1600	0.4	14.2
81C0027-60 HN	205	396	26	1	1080	0.1	10.0
81C0028-60 HN	205	148	6	1	1460	3.8	17.6
81C0029-60 HN	205	108	6	1	1240	2.8	17.2
81C0030-60 HN	205	240	210	24	8300	3.8	176.0
81C0031-60 HN	205	230	18	1	3900	8.6	57.0
81C0032-60 HN	205	176	6	1	3060	1.0	52.0
81C0033-60 HN	205	80	4	1	1320	1.6	17.6
81C0034-60 HN	205	544	12	1	3060	2.2	61.0
81C0035-60 HN	205	276	54	10	36500	3.4	350.0
81C0036-60 HN	205	636	26	6	6760	2.8	118.0
81C0037-60 HN	205	1580	14	1	1600	0.8	18.6
81C0038-60 HN	205	1350	17	118	4060	1.2	43.5

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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
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CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BARRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210518-001-
INVOICE # : 18210518
DATE : 25-MAR-82
P.O. # : NONE
81-C

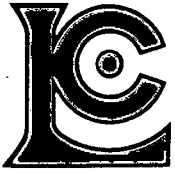
ATTN: G. JILSEN

Sample description	Prep code	Fe %	Mn ppm	AS ppm	W ppm	Sn ppm	Sb ppm
81C0002-60 HN	205	8.50	102	35	N.S.S.	N.S.S.	8.0
81C0004-60 HN	205	0.58	24	6	1	2	0.4
81C0005-60 HN	205	3.76	84	17	1	8	3.2
81C0006-60 HN	205	1.62	52	9	N.S.S.	2	4.8
81C0007-60 HN	205	5.00	40	11	1	2	2.4
81C0009-60 HN	205	0.46	42	5	1	2	1.6
81C0011-60 HN	205	1.60	44	7	1	10	2.4
81C0020-60 HN	205	8.70	152	41	N.S.S.	N.S.S.	3.2
81C0021-60 HN	205	2.16	86	19	N.S.S.	N.S.S.	2.4
81C0022-60 HN	205	0.74	54	9	1	2	1.6
81C0023-60 HN	205	11.00	90	65	4	2	1.6
81C0024-60 HN	205	4.30	92	22	N.S.S.	N.S.S.	N.S.S.
81C0025-60 HN	205	0.62	36	4	1	2	0.8
81C0026-60 HN	205	7.80	88	50	1	2	0.4
81C0027-60 HN	205	3.96	78	15	1	4	1.6
81C0028-60 HN	205	3.10	138	27	N.S.S.	10	0.8
81C0029-60 HN	205	2.76	70	22	16	8	3.2
81C0030-60 HN	205	2.94	144	30	N.S.S.	N.S.S.	8.0
81C0031-60 HN	205	4.60	190	43	N.S.S.	N.S.S.	9.6
81C0032-60 HN	205	7.00	136	35	26	2	6.4
81C0033-60 HN	205	1.76	148	16	N.S.S.	N.S.S.	5.6
81C0034-60 HN	205	8.10	376	55	N.S.S.	N.S.S.	N.S.S.
81C0035-60 HN	205	6.10	134	43	N.S.S.	N.S.S.	N.S.S.
81C0036-60 HN	205	20.00	116	99	N.S.S.	N.S.S.	7.0
81C0037-60 HN	205	11.00	154	99	N.S.S.	N.S.S.	2.4
81C0038-60 HN	205	17.06	106	265	N.S.S.	N.S.S.	N.S.S.

Hart Buchler

Certified by





CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BURRARD STREET
VANCOUVER, B.C.
V6E 2G8

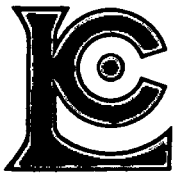
CERT. # : A8210518-001-
INVOICE # : 18210518
DATE : 25-MAR-82
P.O. # : NONE
81-C

ATTN: G. JILSEN

Sample description	Prep code	Au NAA ppb						
81C0002-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0004-60 HN	205	<10	--	--	--	--	--	--
81C0005-60 HN	205	15	--	--	--	--	--	--
81C0006-60 HN	205	20	--	--	--	--	--	--
81C0007-60 HN	205	<10	--	--	--	--	--	--
81C0009-60 HN	205	<10	--	--	--	--	--	--
81C0011-60 HN	205	20	--	--	--	--	--	--
81C0020-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0021-60 HN	205	11	--	--	--	--	--	--
81C0022-60 HN	205	10	--	--	--	--	--	--
81C0023-60 HN	205	70	--	--	--	--	--	--
81C0024-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0025-60 HN	205	<10	--	--	--	--	--	--
81C0026-60 HN	205	<10	--	--	--	--	--	--
81C0027-60 HN	205	10	--	--	--	--	--	--
81C0028-60 HN	205	30	--	--	--	--	--	--
81C0029-60 HN	205	<10	--	--	--	--	--	--
81C0030-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0031-60 HN	205	<10	--	--	--	--	--	--
81C0032-60 HN	205	<10	--	--	--	--	--	--
81C0033-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0034-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0035-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0036-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0037-60 HN	205	<80	--	--	--	--	--	--
81C0038-60 HN	205	N.S.S.	--	--	--	--	--	--

Certified by *Hart Buchler*





CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

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CERTIFICATE OF ASSAY

TO : CYPRUS ANVIL EXPLORATIONS LIMITED
300-355 BURRARD STREET
VANCOUVER, B.C.
V6E 2G8

CERT. # : A8210518-001-
INVOICE # : 18210518
DATE : 25-MAR-82
P.O. # : NONE
81-C

ATTN: G. JILSEN

Sample description	Prep code	Ba NAA %						
81C0002-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0004-60 HN	205	61.50	--	--	--	--	--	--
81C0005-60 HN	205	50.50	--	--	--	--	--	--
81C0006-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0007-60 HN	205	49.90	--	--	--	--	--	--
81C0009-60 HN	205	61.10	--	--	--	--	--	--
81C0011-60 HN	205	60.10	--	--	--	--	--	--
81C0020-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0021-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0022-60 HN	205	56.60	--	--	--	--	--	--
81C0023-60 HN	205	40.40	--	--	--	--	--	--
81C0024-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0025-60 HN	205	41.40	--	--	--	--	--	--
81C0026-60 HN	205	44.20	--	--	--	--	--	--
81C0027-60 HN	205	48.90	--	--	--	--	--	--
81C0028-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0029-60 HN	205	39.00	--	--	--	--	--	--
81C0030-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0031-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0032-60 HN	205	34.20	--	--	--	--	--	--
81C0033-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0034-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0035-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0036-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0037-60 HN	205	N.S.S.	--	--	--	--	--	--
81C0038-60 HN	205	N.S.S.	--	--	--	--	--	--

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Registered Assayer, Province of British Columbia



SAMPLE # 81, C, 0001 () N.T.S. / /

Samplers CH /

UTM Zone Easting Northing

Date 14/08

Stream width <u>10</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>3</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>3</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>3</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
---	--	---	---	--	---

Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sample site <u>3</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
---	---	---	--	---

Sample position <u>0</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>2-1</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units
---	---	---	--

Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>3</u> cobbles <u>1</u> pebbles <u>1</u> granules <u>1</u> sand <u>1</u> silt <u>1</u> clay <u> </u> decayed organics <u> </u> twigs and leaves <u>3</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
---	--	---	---	---	---	--

Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>0</u>
Map unit <u> </u>	Shovels <u>15</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 81, C, 0002()

N.T.S. _____

Samplers CH

UTM Zone _____

Easting _____

Northing _____

Date 14/08

Stream width <u>12</u> - average to nearest foot	Depth <u>1-0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme				
Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>3</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight					
Sample position <u>0</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>1-1</u> 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Stream pH <u>6.0</u> in 1/10 of units	Notes					
Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>3</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>1</u> clay _____ decayed organics <u>1</u> twigs and leaves _____ (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>4</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high				
Rock type _____	Map unit _____	Basin area _____	Stream length _____	Sample weight <u>25</u>	Shovels <u>25</u>	Holes <u>1</u>	Time _____	Sampling problems <u>0</u> 0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky	6 roots _____ 7 other (keep it clean)

SAMPLE # 81, C, 0004 () N.T.S. _____/_____/_____

Samplers DL / _____

UTM Zone _____ Easting _____ Northing _____

Date Aug 14/81

Stream width <u>2</u> - average to nearest foot	Depth <u>0.4</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>1</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
--	--	---	---	--	---

Suspended matter <u>00</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>00</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>96</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	1 white/lt 2 tan 3 yellow 4 orange 5 red	6 brown 7 green 8 grey 9 blk/dk	Sample site <u>9</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9 animal crossing	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
--	--	--	--	--	--	---

Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>25 (from site)</u> 1 possible 2 probable 3 definite 4 uncertain	0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>6.5</u> in 1/10 of units	Notes
---	--	--	--	---	--	-------

Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>3</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>1</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>2</u> sand <u>2</u> silt <u>1</u> clay _____ decayed organics _____ twigs and leaves _____ (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>01</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
---	--	--	--	---	---	--

Rock type _____	Sample weight <u>30</u>	Sampling problems <u>0.0</u>
Map unit _____	Shovels <u>30</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>2</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 81, C, 0005(-) N.T.S. / /

Samplers CH /

UTM Zone Easting Northing

Date 14/08

Stream width <u>12</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
---	--	---	---	--	---

Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>6</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9
---	---	---	---	--	--

Sample position <u>0, 1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>5.5</u> in 1/10 of units	Notes
--	---	--	---	--	-------

Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>3</u> cobbles <u>1</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>1</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u> </u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
---	--	---	---	---	---	--

Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>2, 3, 5</u>
Map unit <u> </u>	Shovels <u>60</u>	6 roots <u> </u>
Basin area <u> </u>	Holes <u>2</u>	7 other (keep it clean) <u> </u>
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 81/C/0006(-) N.T.S. / /

Samplers CU / 1

UTM Zone Easting Northing

Date 14/08

Stream width <u>6</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
--	--	---	---	--	---

Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	6 brown 7 green 8 grey 9 blk/dk	Sample site <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
---	---	---	--	--	---

Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>5.0</u> in 1/10 of units	Notes
---	---	---	---	--	-------

Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>2</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
---	--	--	---	---	---	--

Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>0</u>
Map unit <u> </u>	Shovels <u>5</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 81, C, 0007() N.T.S. / /

Samplers CH /

UTM Zone Easting Northing

Date 14/08

Stream width <u>5</u> - average to nearest foot	Depth <u>0.5</u> - average in feet & 1/10's	Water level <u>1</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>1</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
--	--	---	---	--	---

Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	6 brown 7 green 8 grey 9 blk/dk	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>6.0</u> in 1/10 of units	Notes
---	---	--	---	---	--	-------

Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>1</u> cobbles <u>2</u> pebbles <u>3</u> granules <u>1</u> sand <u>1</u> silt <u>2</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>2</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
---	--	--	---	---	---	--

Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>0</u>
Map unit <u> </u>	Shovels <u>15</u>	0 none
Basin area <u> </u>	Holes <u>1</u>	1 sieve clogged by clay
Stream length <u> </u>	Time <u> </u>	2 large cobbles in screen
		3 no fines
		4 too deep
		5 too rocky
		6 roots
		7 other (keep it clean)

SAMPLE # 81, C, 0008 () N.T.S. _____/_____/_____

Samplers CIM

UTM Zone _____ Easting _____ Northing _____

Date 14/08

Stream width <u>15</u> - average to nearest foot	Depth <u>1.5</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
---	--	---	---	--	---

Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt. 2 tan 3 yellow 4 orange 5 red	Sample site <u>1</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>4</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9
---	---	--	--	--

Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>1-1</u> 0 none 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units
---	---	---	--

Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>2</u> clay _____ decayed organics <u>1</u> twigs and leaves _____ (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))
---	--	---

Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
---	---	---	--

Rock type _____	Sample weight _____	Sampling problems <u>0</u>
Map unit _____	Shovels <u>25</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # DL, C, 0007(-) N.T.S. 1/1/

Samplers CH

UTM Zone _____ Easting _____ Northing _____

Date 14/08

Stream width <u>10</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>3</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>3</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
---	--	---	---	--	---

Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9
---	---	---	---	--	--

Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>2</u> clay _____ decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>6</u>
Map unit _____	Shovels <u>40</u>	0 none _____ 6 roots _____
Basin area _____	Holes <u>1</u>	1 sieve clogged by clay _____ 7 other (keep it clean) _____
Stream length _____	Time _____	2 large cobbles in screen _____
		3 no fines _____
		4 too deep _____
		5 too rocky _____

SAMPLE # 01/1/0012(-) N.T.S. / /
 UTM Zone Easting Northing

Samplers TC 1
 Date Aug 14/81

Stream width <u>10</u> - average to nearest foot	Depth <u>0.8</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
---	--	---	---	--	---

Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>8</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	6 brown 7 green 8 grey 9 blk/dk	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain	0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>6.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>0</u> pebbles <u>1</u> granules <u>2</u> sand <u>2</u> silt <u>2</u> clay <u> </u> decayed organics <u> </u> twigs and leaves <u> </u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>00</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>1</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Shovels <u>6</u>	Holes <u>1</u>	Time <u> </u>	Sampling problems <u>00</u> 0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky	6 roots <u> </u> 7 other (keep it clean)
Map unit <u> </u>	Basin area <u> </u>	Stream length <u> </u>				

SAMPLE # 81, C, 0011(-)

N.T.S. 1/1/

Samplers D1 1

UTM Zone _____

Easting _____

Northing _____

Date 14 Aug 1981

Stream width <u>8</u> - average to nearest foot	Depth <u>0.8</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>00</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>00</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red 6 brown 7 green 8 grey 9 blk/dk	Sample site <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>1</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain 0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>6.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>1</u> pebbles <u>1</u> granules <u>1</u> sand <u>2</u> silt <u>2</u> clay <u>1</u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>00</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>20</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 81/6/0012 () N.I.S. _____/_____/_____

Samplers _____

UTM Zone _____ Easting _____ Northing _____

Date Aug 14/81

Stream width <u>15</u> - average to nearest foot	Depth <u>1.5</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>1</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>8</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red 6 brown 7 green 8 grey 9 blk/dk	Sample site <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>15</u> 1 possible 2 probable 3 definite 4 uncertain 0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>7.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>4</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>1</u> cobbles <u>1</u> pebbles <u>2</u> granules <u>2</u> sand <u>3</u> silt <u>2</u> clay _____ decayed organics _____ twigs and leaves _____ (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>0.5</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>15</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 01/C/0014 () N.T.S. _____/_____/_____

Samplers Dr

UTM Zone _____ Easting _____ Northing _____

Date Aug 14/81

Stream width <u>20</u> - average to nearest foot	Depth <u>1.8</u> - average in feet & 1/10's	Water level <u>0</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>8</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>2</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>00</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>25</u> 0 none 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>7.0</u> in 1/10 of units	Notes
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Relief of area <u>2</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>0</u> pebbles <u>1</u> granules <u>2</u> sand <u>3</u> silt <u>2</u> clay <u>1</u> decayed organics <u>-</u> twigs and leaves <u>-</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>00</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>1</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>10</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 41, C, 00 20 (—) N.T.S. ——— / — / —

Samplers CH / —

UTM Zone _____ Easting _____ Northing _____

Date _____

Stream width <u>15</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 0 none 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units
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Relief of area <u>2</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>1</u> cobbles <u>3</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>2</u> clay _____ decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))
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Maximum boulder size <u>2</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>0</u>
Map unit _____	Shovels <u>5</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 41/1/0021 () N.T.S. _____/_____/_____

Samplers DC _____

UTM Zone _____ Easting _____ Northing _____

Date Aug 14/81

Stream width <u>3</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>1</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>1</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>1</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
--	--	---	---	--	---

Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>2</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>6</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red 6 brown 7 green 8 grey 9 blk/dk	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>25</u> 1 possible 2 probable 3 definite 4 uncertain 0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>7.0</u> in 1/10 of units	Notes
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Relief of area <u>2</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>3</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>0</u> pebbles <u>0</u> granules <u>1</u> sand <u>3</u> silt <u>2</u> clay <u>0</u> decayed organics <u>1</u> twigs and leaves <u>0</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>00</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>10</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 81, C, 0222 () N.I.S. / /

Samplers CH /

UTM Zone Easting Northing

Date 14/08

Stream width <u>4</u> - average to nearest foot	Depth <u>0.5</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>2</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>5-3</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units
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Relief of area <u>2</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>2</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Notes
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>0</u>
Map unit <u> </u>	Shovels <u>20</u>	0 none
Basin area <u> </u>	Holes <u>1</u>	1 sieve clogged by clay
Stream length <u> </u>	Time <u> </u>	2 large cobbles in screen
		3 no fines
		4 too deep
		5 too rocky
		6 roots
		7 other (keep it clean)

SAMPLE # 81, C, 0025 () N.T.S. _____ / _____ / _____

Samplers DC / _____

UTM Zone _____ Easting _____ Northing _____

Date Aug 14/81

Stream width <u>3</u> - average to nearest foot	Depth <u>0.3</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>1</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>00</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9b</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	1 white/lt 2 tan 3 yellow 4 orange 5 red	6 brown 7 green 8 grey 9 blk/dk	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain	0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>2.0</u> in 1/10 of units	Notes
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Relief of area <u>3</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>3</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>1</u> pebbles <u>2</u> granules <u>2</u> sand <u>2</u> silt <u>2</u> clay <u>-</u> decayed organics <u>-</u> twigs and leaves <u>-</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>00</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>6</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>15</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>2</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 81, C, 0024 () N.T.S. _____/_____/_____

Samplers UC / _____

UTM Zone _____ Easting _____ Northing _____

Date Aug 14/81

Stream width <u>3</u> - average to nearest foot	Depth <u>0.3</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>1</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>8</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>8</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>0</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>00</u> 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>7.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>3</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>0</u> pebbles <u>1</u> granules <u>2</u> sand <u>3</u> silt <u>2</u> clay _____ decayed organics _____ twigs and leaves _____ (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>0</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>20</u>	0 none _____ 6 roots _____
Basin area _____	Holes <u>1</u>	1 sieve clogged by clay _____ 7 other (keep it clean)
Stream length _____	Time _____	2 large cobbles in screen _____
		3 no fines _____
		4 too deep _____
		5 too rocky _____

SAMPLE # 81/C/0022(-) N.T.S. _____/_____/_____

Samplers BC _____

UTM Zone _____ Easting _____ Northing _____

Date Aug 14/81

Stream width <u>06</u> - average to nearest foot	Depth <u>0.7</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>8</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red 6 brown 7 green 8 grey 9 blk/dk	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain 0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>7.6</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>3</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>0</u> pebbles <u>2</u> granules <u>2</u> sand <u>2</u> silt <u>2</u> clay <u>1</u> decayed organics _____ twigs and leaves _____ (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>00</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Shovels <u>10</u>	Holes <u>2</u>	Time _____	Sampling problems <u>00</u> 0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky 6 roots 7 other (keep it clean)
Map unit _____	Basin area _____	Stream length _____			

SAMPLE # 81/C/0026(-) N.T.S. / /

Samplers DC /

UTM Zone Easting Northing

Date Aug 15/81

Stream width <u>5</u> - average to nearest foot	Depth <u>0.4</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>7</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>6</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red 6 brown 7 green 8 grey 9 blk/dk	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>7</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>35</u> 1 possible 2 probable 3 definite 4 uncertain 0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>5.5</u> in 1/10 of units
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Relief of area <u>3</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>2</u> pebbles <u>1</u> granules <u>1</u> sand <u>2</u> silt <u> </u> clay <u> </u> decayed organics <u> </u> twigs and leaves <u> </u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>02</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>1</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u> </u>
Map unit <u> </u>	Shovels <u>25</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>2</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # D1/C/002A (---) N.T.S. ---/---/---

Samplers CH /

UTM Zone _____ Easting _____ Northing _____

Date 15/08

Stream width <u>10</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>8</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>8</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>5-3</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>2</u> sand <u>2</u> silt <u>2</u> clay <u>0</u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>3</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>0</u>
Map unit _____	Shovels <u>20</u>	0 none _____ 6 roots _____
Basin area _____	Holes <u>1</u>	1 sieve clogged by clay _____ 7 other (keep it clean) _____
Stream length _____	Time _____	2 large cobbles in screen _____
		3 no fines _____
		4 too deep _____
		5 too rocky _____

SAMPLE # D1/C, 0028(-) N.T.S.

Samplers CTH

UTM Zone Easting Northing

Date 15/08

Stream width <u>4</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 0 none 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units
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Relief of area <u>2</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>0</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>2</u> sand <u>2</u> silt <u>2</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))
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Maximum boulder size <u>0</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>2</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>0</u>
Map unit <u> </u>	Shovels <u>12</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 81, C, 0029(1)

N.T.S. 1/1

Samplers CH

UTM Zone _____ Easting _____

Northing _____

Date 15/09

Stream width <u>20</u> - average to nearest foot	Depth <u>2.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>3</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>3</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>8</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	1 white/lt 2 tan 3 yellow 4 orange 5 red	6 brown 7 green 8 grey 9 blk/dk	Sample site <u>6</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>6-3</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>6.0</u> in 1/10 of units	Notes
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Relief of area <u>2</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>3</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>1</u> clay _____ decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>2, 3, 5</u>
Map unit _____	Shovels <u>60</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 81/L/0030() N.T.S. / /

Samplers DC /

UTM Zone Easting Northing

Date Aug 15/81

Stream width <u>4</u> - average to nearest foot	Depth <u>0.4</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>6</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.5</u> in 1/10 of units
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Relief of area <u>3</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>1</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>1</u> sand <u>2</u> silt <u>2</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u> </u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>01</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>25</u>
Map unit <u> </u>	Shovels <u>30</u>	0 none
Basin area <u> </u>	Holes <u>1</u>	1 sieve clogged by clay
Stream length <u> </u>	Time <u> </u>	2 large cobbles in screen
		3 no fines
		4 too deep
		5 too rocky
		6 roots
		7 other (keep it clean)

SAMPLE # 81-C-003(1) N.T.S. / /

Samplers CH /

UTM Zone Easting Northing

Date 15/08

Stream width <u>15</u> - average to nearest foot	Depth <u>1-0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>3</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>3</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>3</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>0</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units
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Relief of area <u>2</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>1</u> cobbles <u>3</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>2</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>0</u>
Map unit <u> </u>	Shovels <u>10</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 81-C-0032(-) N.T.S. / /

Samplers CH /

UTM Zone Easting Northing

Date 15/08

Stream width <u>4</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>3</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>3</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>8</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>1-1</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>1</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>3</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>1</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))
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Maximum boulder size <u>3</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>2</u> 0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
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Map unit
Basin area
Stream length

Shovels 20
Holes 1
Time

6 roots
7 other (keep it clean)

SAMPLE # 81, C, 0033(-) N.T.S. / /

Samplers CH /

UTM Zone Easting Northing

Date 15/08

Stream width <u>10</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>3</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>3</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>8</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>0</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>0</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>3</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>2</u> pebbles <u>3</u> granules <u>2</u> sand <u>2</u> silt <u>2</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>2</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>0</u>
Map unit <u> </u>	Shovels <u>45</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 41/C/0034(-) N.T.S.

Samplers CU

UTM Zone Easting Northing

Date 15/08/01

Stream width <u>10</u> - average to nearest foot	Depth <u>2.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 5 orange 6 red 7 brown 8 grey 9 blk/dk	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>1</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>4</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>0</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>9-5</u> 0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>5.5</u> in 1/10 of units
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>3</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>1</u> cobbles <u>3</u> pebbles <u>2</u> granules <u>1</u> sand <u>1</u> silt <u>1</u> clay <u> </u> decayed organics <u>1</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>1</u> in feet, none = 00	Sorting <u>2</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>1</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>1</u>
Map unit <u> </u>	Shovels <u>60</u>	0 none
Basin area <u> </u>	Holes <u>1</u>	1 sieve clogged by clay
Stream length <u> </u>	Time <u> </u>	2 large cobbles in screen
		3 no fines
		4 too deep
		5 too rocky
		6 roots
		7 other (keep it clean)

SAMPLE # 81/C/0035 () N.T.S. / / /

Samplers Dr /

UTM Zone _____ Easting _____ Northing _____

Date Aug 15 21

Stream width <u>4</u> - average to nearest foot	Depth <u>0.4</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>00</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>98</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>00</u> 0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Stream pH <u>6.12</u> in 1/10 of units
		1 possible 2 probable 3 definite 4 uncertain	Notes
		0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	

Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>2</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>2</u> pebbles <u>2</u> granules <u>1</u> sand <u>2</u> silt <u>2</u> clay _____ decayed organics _____ twigs and leaves _____ (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))
		Maximum boulder size <u>2.2</u> in feet, none = 00
		Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good
		Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high
		Duplicate status <u>1</u> 0 routine sample 1 duplicate 2 no sample - standard

Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>20</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>2</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

SAMPLE # 51/C/0036 () N.T.S. / /

Samplers DC /

UTM Zone Easting Northing

Date Aug 15/81

Stream width <u>6</u> - average to nearest foot	Depth <u>0.8</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low. 2 normal 3 high 4 flood	Flow rate <u>3</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>1</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>8</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>8</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	6 brown 7 green 8 grey 9 blk/dk	Sample site <u>5</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	0 none 1 Fe hydroxides/rust 2 Mn hydroxides/black 3 organic slime 4 lime/white 5 sulphur yellow	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain	0 none 1 trench/drillsite 2 camp site 3 fuel cache 4 gossan 5 exotic till 6 culverts 7 road 8 ore trucks/mine 9 farm/ranch	Stream pH <u>6.0</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>2</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>3</u> cobbles <u>2</u> pebbles <u>1</u> granules <u>1</u> sand <u>2</u> silt <u>0</u> clay <u>0</u> decayed organics <u>0</u> twigs and leaves <u>5</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>04</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>2</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>00</u>
Map unit <u> </u>	Shovels <u>25</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>2</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 81, C, 0037() N.T.S. / /

Samplers DC /

UTM Zone Easting Northing

Date Aug 15/81

Stream width <u>15</u> - average to nearest foot	Depth <u>1.0</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>2</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>2</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>00</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>9</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 1 point bar 2 side bar 3 longitudinal bar 4 transverse bar 5 back eddy 6 between boulders 7 stable bottom 8 baffled bottom 9	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>2</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.5</u> in 1/10 of units	Notes
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>4</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>0</u> pebbles <u>1</u> granules <u>2</u> sand <u>2</u> silt <u>3</u> clay <u> </u> decayed organics <u> </u> twigs and leaves <u> </u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))	Maximum boulder size <u>03</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type <u> </u>	Sample weight <u> </u>	Sampling problems <u>00</u>
Map unit <u> </u>	Shovels <u>8</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area <u> </u>	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length <u> </u>	Time <u> </u>	

SAMPLE # 61, C, 0038 () N.T.S. _____ / _____ / _____

Samplers DL / _____

UTM Zone _____ Easting _____ Northing _____

Date Aug 15/81

Stream width <u>10</u> - average to nearest foot	Depth <u>0.7</u> - average in feet & 1/10's	Water level <u>2</u> 0 dry 1 low 2 normal 3 high 4 flood	Flow rate <u>2</u> 0 stagnant 1 slow 2 moderate 3 fast 4 torrent	Turbulence <u>1</u> 0 still 1 slight 2 moderate 3 high	Gradient <u>1</u> 0 nil 1 low 2 moderate 3 steep 4 extreme
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Suspended matter <u>0</u> 0 none 1 light/slightly cloudy 2 heavy/cloudy 3 floating organics	Water color <u>0</u> 0 clear 1 white/lt. 2 yellow 3 green 4 blue	Sediment color <u>8</u> 1 white/lt 2 tan 3 yellow 4 orange 5 red	Sample site <u>2</u> 6 brown 7 green 8 grey 9 blk/dk	Stream type <u>5</u> 1 braided 2 transitional 3 meandering 4 transitional 5 straight
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Sample position <u>1</u> 0 center 1 left side 2 right side (looking downstream)	Precipitate or stain <u>00</u> 1 slight 2 moderate 3 heavy 4 variable slight 5 variable moderate 6 variable heavy 7 not certain	Contamination <u>00</u> 1 possible 2 probable 3 definite 4 uncertain	Stream pH <u>6.5</u> in 1/10 of units
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Relief of area <u>1</u> 1 high mountains 2 low mountains 3 rolling hills 4 flat 5 incised gorges	Vegetation <u>4</u> 1 densely wooded 2 open woods 3 thick bush 4 sparse bush 5 grassy 6 tundra 7 bare	Boulders <u>2</u> cobbles <u>1</u> pebbles <u>2</u> granules <u>2</u> sand <u>3</u> silt <u>2</u> clay <u>—</u> decayed organics <u>—</u> twigs and leaves <u>1</u> (0 = none, 1 = little (<10%), 2 = moderate (10-50%), 3 = lots (>50%))
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Maximum boulder size <u>01</u> in feet, none = 00	Sorting <u>1</u> 1 very poor 2 poor 3 moderate 4 good	Decayed Organic content <u>0</u> 0 none 1 low 2 moderate 3 high	Duplicate status <u>0</u> 0 routine sample 1 duplicate 2 no sample - standard
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Rock type _____	Sample weight _____	Sampling problems <u>00</u>
Map unit _____	Shovels <u>10</u>	0 none 1 sieve clogged by clay 2 large cobbles in screen 3 no fines 4 too deep 5 too rocky
Basin area _____	Holes <u>1</u>	6 roots 7 other (keep it clean)
Stream length _____	Time _____	

Cyprus Anvil
G. JILSEN - MAR. 1/82

1 of 5

SAMPLE	WEIGHT-GMS	SAMPLE	WEIGHT-GMS
81-C-0002		81-C-0006	
-35+60 IM	<0.01	-35+60 IM	0.03
IP	3.53	IP	0.86
IN	0.82	IN	0.53
-60 HM	<0.01	-60 HM	0.02
HP	2.15	HP	4.23
HN	1.05	HN	2.22
81-C-0004		81-C-0007	
-35+60 IM	<0.01	-35+60 IM	<0.01
IP	3.34	IP	0.52
IN	2.07	IN	0.92
-60 HM	0.05	-60 HM	0.04
HP	3.91	HP	1.50
HN	3.62	HN	9.93
81-C-0005		81-C-0009	
-35+60 IM	0.02	-35+60 IM	<0.01
IP	3.53	IP	1.53
IN	1.92	IN	1.06
-60 HM	0.14	-60 HM	0.02
HP	3.39	HP	1.78
HN	3.43	HN	18.56

SAMPLE	WEIGHT-GMS	SAMPLE	WEIGHT-GMS
81-C-0011		81-C-0022	
-35+60 IM	<0.01	-35+60 IM	<0.01
IP	3.53	IP	3.62
IN	2.30	IN	4.24
-60 HM	0.09	-60 HM	0.03
HP	4.11	HP	5.92
HN	8.48	HN	105.21
81-C-0020		81-C-0023	
-35+60 IM	0.10	-35+60 IM	<0.01
IP	0.82	IP	14.11
IN	0.22	IN	2.20
-60 HM	0.06	-60 HM	0.02
HP	3.62	HP	5.10
HN	0.90	HN	7.04
81-C-0021		81-C-0024	
-35+60 IM	<0.01	-35+60 IM	<0.01
IP	0.67	IP	0.14
IN	0.45	IN	0.16
-60 HM	0.08	-60 HM	<0.01
HP	1.28	HP	0.54
HN	2.02	HN	0.51

SAMPLE	WEIGHT-GMS	SAMPLE	WEIGHT-GMS
81-C-0025		81-C-0028	
-35+60 IM	0.12	-35+60 IM	<0.01
IP	0.56	IP	0.77
IN	0.75	IN	2.25
-60 HM	0.09	-60 HM	<0.01
HP	3.20	HP	0.19
HN	24.31	HN	2.58
81-C-0026		81-C-0029	
-35+60 IM	0.07	-35+60 IM	<0.01
IP	20.56	IP	6.66
IN	3.17	IN	8.19
-60 HM	0.04	-60 HM	<0.01
HP	4.07	HP	2.08
HN	9.74	HN	5.99
81-C-0027		81-C-0030	
-35+60 IM	<0.01	-35+60 IM	0.01
IP	7.10	IP	5.44
IN	1.71	IN	4.41
-60 HM	0.08	-60 HM	0.03
HP	3.13	HP	2.92
HN	10.72	HN	0.86

SAMPLE	WEIGHT-GMS	SAMPLE	WEIGHT-GMS
81-C-0031		81-C-0034	
-35+60 IM	<0.01	-35+60 IM	<0.01
IP	1.58	IP	11.29
IN	2.12	IN	5.30
-60 HM	0.06	-60 HM	<0.01
HP	2.49	HP	2.33
HN	2.06	HN	0.63
81-C-0032		81-C-0035	
-35+60 IM	0.05	-35+60 IM	<0.01
IP	2.06	IP	1.01
IN	2.34	IN	1.59
-60 HM	0.09	-60 HM	<0.01
HP	3.68	HP	1.21
HN	3.91	HN	0.69
81-C-0033		81-C-0036	
-35+60 IM	<0.01	-35+60 IM	<0.01
IP	3.71	IP	1.49
IN	4.53	IN	5.77
-60 HM	<0.01	-60 HM	<0.01
HP	1.13	HP	3.78
HN	1.13	HN	1.07

SAMPLE	WEIGHT-GMS		SAMPLE	WEIGHT-GMS
81-C-0037			81-C	
-35+60 IM	<0.01		-35+60 IM	
IP	2.28		IP	
IN	2.59		IN	
-60 HM	<0.01		-60 HM	
HP	3.44		HP	
HN	1.22		HN	
81-C-0038			81-C	
-35+60 IM	<0.01		-35+60 IM	
IP	0.62		IP	
IN	0.48		IN	
-60 HM	<0.01		-60 HM	
HP	0.84		HP	
HN	0.20		HN	
81-C			81-C	
-35+60 IM			-35+60 IM	
IP			IP	
IN			IN	
-60 HM			-60 HM	
HP			HP	
HN			HN	

