BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	2000/2001
REPORT #:	PAP 00-8
NAME:	SHAWN TURFORD

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM

B. TECHNICAL REPORT

Name: Shawn Turford Ref #: P21 2000/01

LOCATION/COMMODITIES-

Project Area: Bell Minfile #: n/a
Location of Area NTS:103H/11W Lat:59 39' Long:129 21'

Description of location & access: Hwy 35 to Hwy 16 from Francois Lake to Terrace, thence to Kitimat. From M.K. Marina with 24' boat down Kitimat Arm, Douglas channel to Kitkiata Bay.

Main Commodities Searched for: Au., Ag., Cu.

Known Mineral Occurrences in Project Area: Ecstall minfile (103H013) Steelhead (103H036) and Horsefly (103H014)

.....

WORK PERFORMED-

1.Conventional prosp. road construction and log blocks
2.Geological Mapping in connection with the above.
3.Geochemical 73 rock & silt samples
4.Geophysical nil
5.Physical Work nil
6.Drilling nil
7.Other

.....

SIGNIFICANT RESULTS- very high Ag, Zn & Pb samples with good Cu and Au values with anomalus Au background.

Commodities Ag, Zn, Pb, Cu & Au Claim Name: not as yet claimed

Location/Lat: Long: Elevation:

Best assay/sample type:grab sample #167985 2.74%Pb, 2.92%Zn, 117.8 gm/mt Ag & 0.82gm/mt Au.

Description of mineralization, host rocks, anomalies:

There appears to be at least 2 maybe 3 structures in a very large, highly pyrotized metamorphic zone. I believe the host rocks to be meta sediments also containing amphibolite, schist and gneiss. Also noted is quartz sericite schist which is very important as this is also identified with the "Extall" massive sulfide deposites.
The "A" road appears to be somewhat anomalus in Cu & Au. The best assay in a grab sample from "A" road was #61954- 1784 ppm Cu and

21.4ppb Au
As we prospected Northward "B1" road produced even higher assays,: #61966-37.73 Mo, 1737ppm Cu and 141.1 ppb Au. # 61969-1985 ppm Cu, 12048ppm Zn, and 83.9ppb Au. The "B2" road didn't produce as good results but the "C1" road again produced some highly anomalus Au samples. The "C2" road also produced some above background Au, with one sample -#61979- 499ppb Au. The "D1" road (most northern) also produced some interesting returns on assays. #61984-1023.73ppm Cu, 77.5 ppb Au. The "D2" road was the most interesting with grab samples from an outcrop that was cut from road construction and gave us good exposure. The four samples taken gave us the best assay results. Sample # 167985-88 inclusive (see assay results). Because this is new ground and has not been previously prospected or worked on it will take a more indepth examination to see what we really have. What we do know is that we have two seperate zones of highly altered rocks that have been observed along the "C1" and "D2" roads. Both areas have considerable strike length of over 2 to 3 Kms running N-NW to S-SE consisting of chlorite-sericite schist, quartz- sericite schist mixed dacitic to rhyolitic(?) rocks. Accurate identification of the host rocks in the two zones is difficult. We believe they would be classed as metasedimentary bounded by altered hornblend diorite of the Coast Plutonic complex.

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL A ROAD File # A002221 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61952	1.73	35.12	20.08	68.7	350	3.4	15.7	211	2.68	3.7	.5	10.1	2.8	9.0	.27	.38	.52	12	.33	.164	4.2	6.9	.57	67.8	.054	1	.89	.014	.55	1.5	.35	17	1.3	.11	1.9
61954	.87	217.25	36.44	80.9	820	44.6	25.1	345	4.91	3.4	<.1	10.0	.8	61.7	.35	.30	.31	95	1.52	.007	1.6	39.8	.85	79.1	.079	1	2.84	.153	.61	3.7	.18	17	3.4	1.36	7.0
61955	3.07	125.94	38.81	100.2	522	45.7	20.6	395	2.71	1.1	<.1	3.3	<.1	33.2	.24	.16	.07	78	.82	.064	<.5	76.7	1.11	138.3	.089	2	1.93	.102	.22	1.3	.13	15	1.6	.09	5.2
61957	.53	346.44	11.70	43.6	476	13.9	18.6	326	2.34	2.8	<.1	9.2	<.1	2.9	.17	.29	.09	46	.33	.033	<.5	16.2	.83	14.4	.066	2	.94	.050	.02	4.7	.06	13	1.4	.13	2.5
61958	2.59	1784.35	6.35	53.0	824	22.1	92.6	720	5.64	7.5	<.1	21.4	<.1	2.7	.25	.25	.08	83	.28	.054	<.5	19.3	1.86	43.6	.070	1	2.00	.037	.04	1.3	.06	13	5.2	.29	5.6
61961	.80	126.07	14.50	48.0	346	25.0	23.2	465	5.53	1.4	.2	6.6	1.0	69.9	.13	.09	.21	104	1.84	.109	2.7	30.0	2.08	86.4	.192	<1	4.55	.167	1.58	2.5	.25	15	2.1	.49	12.1
61964	2.06	54.31	5.71	57.4	156	61.6	128.6	470	7.24	3.4	<.1	5.5	.3	31.5	.11	.18	.12	104	2.37	.090	1.6	22.2	1.85	48.8	.059	<1	1.74	.013	.16	1.7	.06	24	1.5	.10	6.6
RE 61964	2.11	56.08	5.86	58.8	162	64.0	132.4	490	7.42	3.4	<.1	3.8	.2	30.9	.11	.18	.13	107	2.44	.092	1.7	25.1	1.94	51.9	.064	2	1.75	.016	.16	1.8	.06	19	1.6	.08	6.8
STANDARD DS2	14.18	133.27	34.81	163.0	257	36.8	12.5	841	3.13	61.1	21.7	198.6	3.6	28.5	10.37	9.45	10.97	76	.53	.092	17.3	161.9	.62	157.7	.097	4	1.74	.032	.15	7.7	1.88	224	2.3	1.88	6.2
STANDARD S-1	1.06	30.51	9.52	53.5	46	14.2	14.6	504	4.41	2.3	.6	2.5	2.9	48.3	<.01	.09	.15	168	.50	.046	12.9	41.7	.58	95.9	.390	1	4.46	.119	.06	<.2	.13	40	.4	.03	11.7

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 21/00 SIGNED BY..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL A ROAD File # A002221 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61952	1.10	<.1	<.02	.03	26.6	1.1	.3	2.52	<.05	.1	4.98	8.0	<.02	4	.1	5.6	30
61954	.38	.1	<.02	.05	18.9	5.4	.5	2.77	<.05	.1	1.39	2.5	.02	2	.8	4.4	30
61955	.19	.1	.02	.22	6.0	4.0	.4	.24	<.05	.3	3.05	.9	<.02	<1	.2	6.5	30
61957	.03	.1	<.02	.16	.8	3.4	.4	.16	<.05	.2	2.54	.7	.02	<1	<.1	2.3	30
61958	.06	.1	<.02	.16	1.6	5.4	.4	.90	<.05	.2	2.98	.7	.04	<1	.1	4.3	30
61961	1.19	.2	<.02	.33	46.7	12.0	1.4	1.92	<.05	.4	5.46	5.3	.05	<1	.7	8.9	30
61964	.14	.1	<.02	.10	5.6	6.4	.4	5.92	<.05	.2	5.29	3.9	.02	3	<.1	9.1	30
RE 61964	.14	.1	<.02	.09	5.7	6.8	.4	6.13	<.05	.2	5.02	3.8	.02	<1	.1	9.7	30
STANDARD DS2	3.04	<.1	.04	1.45	12.7	2.9	27.3	.03	<.05	3.0	7.70	31.8	5.29	<1	.7	15.0	30
STANDARD S-1	1.22	<.1	.72	.50	4.4	9.2	1.5	<.01	<.05	40.4	15.39	32.8	.05	<1	.9	11.5	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 21/00 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL A ROAD File # A002222 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61951	.66	63.65	4.98	54.3	123	18.6	19.5	944	2.54	3.6	.4	2.2	.5	19.1	.13	.15	.08	63	.54	.088	3.7	30.6	.95	160.2	.112	<1	1.75	.017	.17	<.2	.10	45	.7	.04	5.7
61953	.75	34.33	2.38	27.1	135	9.8	8.8	327	1.77	1.2	.2	3.2	.1	19.2	.25	.09	.03	39	.54	.094	1.6	21.3	.64	196.5	.072	2	1.12	.008	.13	<.2	.06	69	1.7	.03	3.0
61956	.96	40.93	3.82	46.7	124	10.9	11.6	1467	2.29	2.7	.3	7.0	.3	20.1	.17	.12	.07	43	.66	.096	3.5	22.5	.59	230.0	.061	<1	1.27	.011	.08	.2	.07	74	1.1	<.02	4.0
61959	1.16	184.03	2.69	26.2	94	20.7	19.1	602	3.24	2.1	.3	4.5	.4	5.2	.08	.13	.04	72	.19	.049	1.5	48.6	.74	102.9	.154	2	2.06	.008	.12	.3	.06	58	1.1	.05	4.4
61960	.56	45.01	4.53	48.1	131	18.4	10.8	428	2.74	1.1	.2	8.2	.6	18.7	.12	.10	.07	57	.53	.095	2.8	40.6	1.15	148.3	.110	1	1.63	.015	.17	.4	.06	55	.8	.10	4.8
61962	1.51	57.02	4.19	77.2	143	27.4	27.9	1489	5.62	13.3	.5	7.1	.7	14.5	.37	.17	.08	93	.46	.127	3.0	54.9	1.29	190.1	.102	2	1.83	.009	.19	<.2	.10	48	1.3	.04	4.5
RE 61962	1.55	59.02	4.42	81.0	143	28.3	29.0	1581	5.91	14.1	.5	34.5	.7	15.2	.41	.16	.08	97	.48	.132	3.1	59.6	1.34	199.3	.106	2	1.90	.010	.20	<.2	.11	50	1.3	.06	4.7
STANDARD S-1	1.05	30.52	9.82	47.3	34	13.4	13.0	455	3.90	2.2	.6	2.2	2.7	43.7	.06	.10	.14	153	.45	.041	12.2	41.6	.52	87.2	.363	2	4.07	.101	.06	<.2	.12	31	.4	.02	10.1
STANDARD DS2	14.25	127.95	31.74	159.0	270	35.4	11.9	840	3.13	60.4	20.0	211.2	3.5	26.4	10.65	10.76	11.48	72	.52	.092	15.4	158.6	.61	151.3	.087	1	1.69	.030	.15	8.4	1.92	248	2.6	2.02	5.8

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY. C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL A ROAD File # A002222 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61951	1.07	<.1	<.02	.92	9.0	2.6	.3	.04	<.05	.5	3.98	7.7	.02	<1	.2	9.6	30
61953	.33	<.1	<.02	1.22	4.8	1.0	.2	.10	<.05	.1	1.80	2.9	<.02	1	.3	4.3	15
61956	.54	<.1	<.02	.73	4.5	1.8	.3	.11	<.05	.3	3.41	6.9	<.02	<1	.2	7.2	30
61959	.38	<.1	<.02	1.46	5.5	2.5	.1	.01	<.05	.4	2.30	3.0	<.02	<1	.3	7.0	30
61960	.70	.1	<.02	1.00	6.5	2.8	.3	.11	<.05	.2	3.26	5.5	<.02	1	.3	6.6	15
61962	.56	.1	<.02	.69	6.9	3.9	.2	.05	<.05	.2	3.84	6.3	.02	<1	.2	8.1	15
RE 61962	.58	.1	<.02	.73	6.9	3.9	.3	.05	<.05	.2	3.98	6.5	.02	<1	.2	8.0	15
STANDARD S-1	1.25	<.1	.65	.49	4.2	8.7	1.6	.01	<.05	37.5	14.35	30.9	.04	<1	.8	10.3	30
STANDARD DS2	3.43	<.1	.04	1.45	12.4	2.8	27.3	.02	<.05	2.8	7.71	29.6	5.55	1	.4	14.8	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL B-1 ROAD File # A002223 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61965	.13	99	28	3.60	28.3	120	9.4	26.8	1578	3 19	6	1	5 8	4	81.4	05	.17	.07	24	6 81	.084	2.3	23.4	1 11	51.6	.086	1	.74	.010	.29	1.8	.06	12	3.3	04	2.1
61966	37.73	1737.19	13	23	610	1 3318	18.2	62	0 538	13 62	122	0	.3	141.1	.2	2.5	1.67	.35	10.08	79	.36	.082	.6	88.0	1.94	18.8	.136	<1	1 77	.044	.58	1.3	.11	146	42.9	4 97	8.3
61967	2 97	404.75	7.28	27 8	399	456.1	262.8	252	24.31	23.9	< 1	32.2	.1	2.2	.13	25	49	35	09	.005	<.5	54.7	13	6.0	.016	3	.28	.006	.04	5.5	.03	26	21.6	.64	2.2
61969	3.17	1985.69	5.56	12048	3 1942	26.1	61.2	687	11.59	31 8	<.1	83.9	.1	10 7	114.11	.13	1.35	99	.85	.102	.5	43.8	2.48	13.1	.129	1	2.20	.057	.73	2.0	.12	605	23.7	98	7.0
STANDARD DS2	14 18	133.27	34.81	163.0	257	36.8	12.5	841	3.13	61 1	21.7	198.6	3.6	28.5	10.37	9.45	10.97	76	.53	.092	17.3	161.9	.62	157.7	.097	4	1.74	.032	.15	7.7	1.88	224	2.3	1.88	6 2
STANDARD S-1	1 06	30 51	9 52	53 5	46	14.2	14.6	504	4.41	2.3	.6	2.5	2.9	48.3	<.01	.09	.15	168	.50	.046	12.9	41 7	.58	95.9	.390	1 4	46	.119	.06	<.2	.13	40	.4	.03	11.7

Missing 61968 →

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 21/00 SIGNED BY. C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

61968 WAS SENT. NO RETURN.

VISIBLE MALACHITE STAINING

Data M FA ___

ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL B-1 ROAD File # A002223 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61965	.11	.1	<.02	.32	5.9	1.0	.2	2.92	<.05	.2	5.07	3.5	<.02	<1	.2	3.3	30
61966	.42	.4	<.02	.20	14.6	5.7	.5	5.48	<.05	.4	.89	1.5	.06	6	.1	3.9	30
61967	.06	.3	<.02	.24	1.3	2.4	.3	14.01	<.05	.2	.54	.5	.02	1	<.1	.3	30
61969	.49	.4	.02	.23	19.3	3.5	.4	10.09	<.05	.3	2.16	1.2	.24	<1	.2	9.1	30
STANDARD DS2	3.04	<.1	.04	1.45	12.7	2.9	27.3	.03	<.05	3.0	7.70	31.8	5.29	<1	.7	15.0	30
STANDARD S-1	1.22	<.1	.72	.50	4.4	9.2	1.5	<.01	<.05	40.4	15.39	32.8	.05	<1	.9	11.5	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 21/00 SIGNED BY. . . . . D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL B-1 ROAD File # A002224 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61970	2.09	66.33	8.95	64.9	211	22.3	13.3	359	3.60	3.3	.5	4.7	.6	19.7	.16	.11	.12	74	.53	.101	3.1	48.1	1.19	151.0	.118	1	2.13	.018	.20	.4	.08	84	1.2	.12	5.7
61971	1.68	82.33	4.32	73.7	103	17.7	19.1	1467	2.70	6.0	.3	7.0	.7	10.5	.41	.15	.10	58	.30	.078	2.5	33.9	.91	149.5	.107	<1	1.45	.005	.14	.3	.08	46	1.1	.04	3.9
RE 61971	1.75	87.58	4.31	79.1	118	18.7	20.1	1588	2.79	6.1	.2	4.4	.7	10.5	.43	.14	.09	60	.30	.073	2.5	36.5	.97	159.0	.112	2	1.52	.005	.15	.3	.09	44	1.1	.09	4.0
STANDARD S-1	1.05	30.52	9.82	47.3	34	13.4	13.0	455	3.90	2.2	.6	2.2	2.7	43.7	.06	.10	.14	153	.45	.041	12.2	41.6	.52	87.2	.363	2	4.07	.101	.06	<.2	.12	31	.4	.02	10.1
STANDARD DS2	14.25	127.95	31.74	159.0	270	35.4	11.9	840	3.13	60.4	20.0	211.2	3.5	26.4	10.65	10.76	11.48	72	.52	.092	15.4	158.6	.61	151.3	.087	1	1.69	.030	.15	8.4	1.92	248	2.6	2.02	5.8

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 **DATE REPORT MAILED:** July 31/00 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL B-2 ROAD File # A002225 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
167995	7.45	36.23	3.87	90.7	238	13.1	3.6	917	2.05	1.4	.1	2.7	1.0	30.7	.54	.32	.06	6	2.53	.209	2.3	18.2	1.45	60.1	<.001	3	.46	.013	.11	2.1	.05	13	1.9	.07	1.1
167996	.85	15.72	7.30	58.9	65	2.7	.8	64	.47	10.4	<.1	1.9	<.1	6.2	.41	.16	.02	2	.21	.077	<.5	14.1	.05	9.8	<.001	4	.08	.022	.02	5.2	<.02	10	<.1	.03	.2
167997	1.83	31.83	15.20	116.4	135	5.7	1.8	419	2.98	21.9	<.1	3.8	<.1	12.8	.89	.35	.05	2	1.48	.154	<.5	6.6	.92	85.0	<.001	2	.34	.043	.12	11.0	.02	15	.2	.08	.4
167998	2.47	8.51	2.74	41.0	35	2.9	4.9	421	1.77	.4	.1	.8	1.6	10.8	.17	.08	.02	12	1.32	.019	3.1	13.8	.57	35.6	.006	2	.51	.009	.04	3.5	.02	8	<.1	<.02	1.7
167999	2.12	21.31	4.44	185.8	89	9.8	24.2	512	6.93	2.5	.5	1.8	6.0	29.7	.10	.15	.08	28	1.57	.060	7.9	9.1	2.70	109.6	.013	2	1.79	.021	.18	.2	.06	19	<.1	.03	5.7
168000	2.22	20.47	9.94	45.5	332	3.8	14.8	131	2.25	2.7	<.1	3.8	1.0	4.5	.23	.18	.11	14	.11	.017	1.9	15.4	.44	8.6	<.001	1	.48	.023	.01	4.4	.04	7	.3	.15	1.5
RE 168000	2.26	21.54	10.25	48.4	347	3.8	15.1	130	2.33	3.0	<.1	2.5	1.0	4.4	.23	.19	.11	14	.11	.017	2.0	15.8	.45	7.9	.001	<1	.50	.024	.01	4.6	.04	6	.4	.16	1.6
STANDARD DS2	14.18	133.27	34.81	163.0	257	36.8	12.5	841	3.13	61.1	21.7	198.6	3.6	28.5	10.37	9.45	10.97	76	.53	.092	17.3	161.9	.62	157.7	.097	4	1.74	.032	.15	7.7	1.88	224	2.3	1.88	6.2
STANDARD S-1	1.06	30.51	9.52	53.5	46	14.2	14.6	504	4.41	2.3	.6	2.5	2.9	48.3	<.01	.09	.15	168	.50	.046	12.9	41.7	.58	95.9	.390	1	4.46	.119	.06	<.2	.13	40	.4	.03	11.7

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 **DATE REPORT MAILED:** July 21/00 **SIGNED BY** C. Leong ...D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL B-2 ROAD File # A002225 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
167995	.14	<.1	<.02	.03	2.3	1.2	.2	.99	<.05	.3	8.02	4.6	<.02	6	.2	3.0	30
167996	.04	<.1	<.02	.02	.4	.3	5.1	.08	<.05	.1	2.42	.4	<.02	<1	<.1	.2	30
167997	.09	<.1	<.02	.04	.8	.4	11.3	.17	<.05	.1	4.99	.9	<.02	<1	.1	.4	30
167998	.06	<.1	<.02	.03	1.1	1.6	.2	.02	<.05	.2	4.26	6.3	<.02	<1	<.1	3.8	30
167999	.39	<.1	<.02	.07	4.8	3.7	.2	.17	<.05	1.7	8.62	15.6	.05	<1	.1	11.7	30
168000	.06	<.1	<.02	.02	.5	2.5	.2	.81	<.05	.1	1.05	4.1	<.02	<1	<.1	3.3	30
RE 168000	.07	<.1	<.02	.02	.5	2.5	.2	.83	<.05	.1	1.06	4.3	<.02	<1	.1	3.3	30
STANDARD DS2	3.04	<.1	.04	1.45	12.7	2.9	27.3	.03	<.05	3.0	7.70	31.8	5.29	<1	.7	15.0	30
STANDARD S-1	1.22	<.1	.72	.50	4.4	9.2	1.5	<.01	<.05	40.4	15.39	32.8	.05	<1	.9	11.5	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 21/00 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAY

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ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL B-2 ROAD File # A002226 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
167993	.57	87.79	6.50	59.0	124	35.7	27.3	1386	4.23	5.6	.7	6.5	1.0	36.0	.10	.09	.04	129	.85	.240	3.8	104.2	2.17	240.2	.178	<1	2.42	.006	.48	<.2	.12	36	.7	.04	5.8
167994	.78	43.81	6.25	78.6	87	21.2	17.6	1319	3.63	5.3	.6	6.9	1.5	18.0	.14	.16	.08	73	.37	.096	4.8	42.5	1.22	111.2	.106	1	2.25	.009	.17	<.2	.09	64	.8	.06	6.4
RE 167993	.55	84.62	6.25	57.8	130	35.3	26.2	1332	4.11	5.5	.6	5.9	1.0	35.8	.08	.07	.04	125	.83	.233	3.6	102.0	2.14	231.2	.173	1	2.38	.006	.47	<.2	.12	31	.7	.03	5.7
STANDARD S-1	1.05	30.52	9.82	47.3	34	13.4	13.0	455	3.90	2.2	.6	2.2	2.7	43.7	.06	.10	.14	153	.45	.041	12.2	41.6	.52	87.2	.363	2	4.07	.101	.06	<.2	.12	31	.4	.02	10.1
STANDARD DS2	14.25	127.95	31.74	159.0	270	35.4	11.9	840	3.13	60.4	20.0	211.2	3.5	26.4	10.65	10.76	11.48	72	.52	.092	15.4	158.6	.61	151.3	.087	1	1.69	.030	.15	8.4	1.92	248	2.6	2.02	5.8

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL B-2 ROAD File # A002226 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
167993	.73	.1	<.02	.51	17.7	7.9	.3	.03	<.05	.3	4.71	7.5	.03	3	.4	11.8	30
167994	1.04	<.1	<.02	.87	9.1	3.4	.4	.03	<.05	.6	4.16	10.3	.03	3	.2	11.6	30
RE 167993	.70	.1	<.02	.48	16.9	7.8	.3	.02	<.05	.3	4.59	7.1	.03	3	.6	11.7	30
STANDARD S-1	1.25	<.1	.65	.49	4.2	8.7	1.6	.01	<.05	37.5	14.35	30.9	.04	<1	.8	10.3	30
STANDARD DS2	3.43	<.1	.04	1.45	12.4	2.8	27.3	.02	<.05	2.8	7.71	29.6	5.55	1	.4	14.8	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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E ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL C-1 ROAD File # A002227 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
168051	.77	50.68	18.85	199.6	3758	7.6	22.0	23	5.96	15.1	.3	160.4	4.9	15.1	2.15	.38	.60	10	.32	.162	16.4	5.8	.04	26.8	.007	1	.35	.009	.24	.7	.11	60	2.4	2.01	.7
168052	1.78	20.34	18.83	78.8	328	3.2	17.1	1131	5.19	2.9	.2	16.4	1.6	8.6	.38	.15	3.06	5	.37	.176	3.9	5.8	.09	65.0	<.001	<1	.44	.031	.18	2.9	.10	16	3.9	.59	.9
168053	1.77	47.55	11.35	88.1	397	8.3	20.8	812	4.20	9.6	.3	9.1	1.1	75.7	.27	.34	1.16	20	2.23	.138	3.4	6.4	.85	95.6	.023	<1	.97	.007	.34	.6	.45	9	<.1	.39	2.2
168054	.48	18.84	10.49	14.8	278	5.8	15.7	125	4.05	16.4	.4	7.2	4.2	4.3	.09	.38	.63	6	.08	.107	5.0	7.3	.02	85.9	.001	<1	.23	.006	.19	3.2	.09	8	<.1	.46	.5
168055	2.47	13.34	2.93	42.2	801	11.0	16.2	2435	5.29	4.4	.2	168.2	.8	49.6	.24	.36	.87	11	3.73	.129	2.3	9.7	1.48	61.4	.001	<1	.25	.011	.11	1.6	.07	25	1.6	1.23	.7
168056	.32	13.69	3.75	56.4	91	3.3	10.3	4386	4.92	6.7	<.1	6.7	.4	91.1	.38	.34	.09	7	6.68	.054	1.1	8.3	2.45	42.1	<.001	1	.23	.009	.08	3.3	.05	6	.3	.08	.7
168057	6.65	25.29	2.34	3.2	429	13.0	24.7	31	5.87	3.8	.1	49.7	2.9	10.2	.02	.14	5.92	7	.18	.103	1.5	7.2	.02	23.1	.001	1	.30	.017	.16	1.1	.09	13	5.0	2.88	.7
168058	.58	73.44	3.71	78.5	973	8.2	21.2	2140	4.99	9.9	.3	137.4	1.2	61.9	.26	.47	1.39	17	3.99	.255	3.5	6.6	1.55	103.2	.005	2	.64	.018	.18	3.2	.18	23	1.0	1.23	1.6
STANDARD DS2	14.18	133.27	34.81	163.0	257	36.8	12.5	841	3.13	61.1	21.7	198.6	3.6	28.5	10.37	9.45	10.97	76	.53	.092	17.3	161.9	.62	157.7	.097	4	1.74	.032	.15	7.7	1.88	224	2.3	1.88	6.2
STANDARD S-1	1.06	30.51	9.52	53.5	46	14.2	14.6	504	4.41	2.3	.6	2.5	2.9	48.3	<.01	.09	.15	168	.50	.046	12.9	41.7	.58	95.9	.390	1	4.46	.119	.06	<.2	.13	40	.4	.03	11.7

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 7 2000 **DATE REPORT MAILED:** July 21/00 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL C-1 ROAD File # A002227 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
168051	.20	<.1	.03	.07	8.4	1.0	.1	7.15	<.05	1.8	7.79	30.6	.02	<1	.1	.8	30
168052	.22	<.1	<.02	.04	6.5	.8	.2	5.07	<.05	.2	5.61	6.9	.03	<1	.1	1.0	30
168053	2.69	<.1	<.02	.03	22.7	1.6	.1	3.84	<.05	.3	7.25	6.5	<.02	<1	<.1	13.2	30
168054	.45	<.1	<.02	.04	7.1	.7	.2	3.74	<.05	.4	3.49	10.5	<.02	<1	.1	.8	30
168055	.23	<.1	<.02	.05	4.3	1.2	.2	4.16	<.05	.2	3.64	4.4	<.02	<1	<.1	.8	30
168056	.20	.1	<.02	.06	3.1	1.4	.2	2.05	<.05	<.1	1.86	2.2	<.02	<1	<.1	1.2	30
168057	.37	.1	<.02	.03	5.8	.7	.2	7.32	<.05	.5	2.50	2.9	<.02	3	<.1	.2	30
168058	.40	<.1	<.02	.08	6.8	2.0	.2	3.70	<.05	.1	4.96	7.0	<.02	<1	.1	4.8	30
STANDARD DS2	3.04	<.1	.04	1.45	12.7	2.9	27.3	.03	<.05	3.0	7.70	31.8	5.29	<1	.7	15.0	30
STANDARD S-1	1.22	<.1	.72	.50	4.4	9.2	1.5	<.01	<.05	40.4	15.39	32.8	.05	<1	.9	11.5	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 7 2000 **DATE REPORT MAILED:** July 21/00 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL C-2 ROAD File # A002228 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61973	3.69	33.37	31.59	107.5	383	7.2	14.3	825	4.40	3.9	.4	17.2	1.9	20.5	.46	.19	.69	10	.93	.115	5.6	10.6	.57	41.5	.005	3	.74	.018	.13	1.0	.09	6	4.7	.18	1.6
61974	1.22	41.72	33.70	101.8	427	2.4	15.7	1219	4.68	15.6	.5	18.0	2.9	28.9	.98	.38	.62	7	2.00	.103	11.0	3.5	.54	44.2	.005	4	.47	.018	.15	1.4	.10	31	1.4	.22	1.1
61975	1.46	20.44	6.37	50.0	152	6.4	9.5	711	3.76	1.6	.1	9.3	.9	15.4	.46	.09	.76	6	.84	.105	3.3	4.3	.27	57.5	.001	7	.32	.024	.14	.8	.09	6	2.2	.17	.6
61976	.71	18.73	15.62	88.3	202	3.3	7.3	484	3.26	3.6	.2	9.1	1.1	18.8	.43	.20	.51	8	.72	.098	1.6	6.4	.35	70.1	.013	2	.48	.024	.11	2.7	.07	10	.9	.15	1.3
61978	4.77	18.53	31.93	29.3	263	3.3	.6	41	2.37	17.8	.2	12.4	2.0	6.5	.06	.25	.59	5	.01	.051	1.3	8.1	.06	69.1	.001	4	.24	.014	.13	1.0	.06	17	.7	.36	.7
61979	.48	12.20	7.76	110.3	1291	1.8	12.0	2092	4.73	.9	.6	499.2	5.0	69.2	.80	.07	.32	9	2.88	.207	5.2	1.7	.85	77.9	.007	5	.58	.019	.22	.6	.11	40	.6	1.88	1.4
61980	1.87	38.40	3.38	352.3	233	4.0	12.3	2316	4.91	.7	.1	27.8	.7	54.1	1.88	.07	.06	27	3.40	.096	2.3	6.9	1.18	53.7	.004	4	1.88	.020	.09	.6	.05	15	<.1	.10	5.4
RE 61980	1.86	38.84	3.60	360.6	228	4.2	12.0	2301	4.97	.8	.1	28.1	.7	54.6	1.96	.07	.06	27	3.43	.097	2.2	5.7	1.16	51.5	.004	2	1.89	.020	.08	.6	.04	22	<.1	.08	5.4
STANDARD DS2	14.61	129.22	31.53	163.2	260	37.0	11.7	810	3.07	55.2	19.9	210.5	3.4	27.8	10.53	9.65	10.95	73	.53	.089	15.5	150.4	.58	138.1	.085	7	1.67	.031	.16	7.4	1.82	236	2.3	1.95	6.0
STANDARD S-1	.95	29.70	9.97	51.2	61	11.8	12.5	432	3.95	2.1	.5	6.0	2.5	44.8	<.01	.10	.13	145	.46	.043	10.9	35.2	.48	81.8	.313	4	3.98	.113	.06	<.2	.12	44	.4	.05	10.0

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 24/00 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL C-2 ROAD File # A002228 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61973	.17	<.1	<.02	.04	3.3	1.1	.2	4.66	<.05	.1	5.65	11.7	<.02	<1	.1	6.6	30
61974	.13	<.1	<.02	.04	4.1	1.0	.1	5.71	<.05	.1	9.82	21.0	.02	<1	.2	3.4	30
61975	.11	<.1	<.02	.02	4.1	.5	.1	4.71	<.05	.1	2.11	5.2	<.02	2	.1	1.0	30
61976	.10	<.1	<.02	.14	2.9	.9	.1	3.71	<.05	.7	3.27	3.1	<.02	<1	<.1	4.1	30
61978	.11	<.1	<.02	.03	3.5	.6	.3	.07	<.05	.1	.70	2.4	<.02	<1	.1	.6	30
61979	.28	<.1	<.02	.06	6.1	1.3	<.1	3.78	<.05	.1	7.06	10.5	<.02	2	.1	1.5	30
61980	.18	<.1	<.02	.04	2.4	1.8	<.1	.38	<.05	<.1	3.08	4.5	<.02	<1	.1	13.2	30
RE 61980	.18	<.1	<.02	.04	2.4	1.7	<.1	.37	<.05	<.1	3.04	4.4	<.02	<1	.1	13.1	30
STANDARD DS2	3.28	<.1	.04	1.39	12.4	2.8	26.4	.03	<.05	2.6	7.51	30.9	5.32	<1	.7	14.5	30
STANDARD S-1	1.15	<.1	.55	.36	4.1	8.3	1.3	<.01	<.05	34.6	13.65	28.5	.05	<1	.7	10.4	30

ATTACK 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
NUMBER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 24/00 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL C-2 ROAD File # A002229 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61972	.38	52.36	6.03	57.4	100	23.2	20.9	1125	3.41	2.2	.8	4.8	.8	40.5	.15	.11	.06	93	.87	.226	4.0	63.9	1.63	160.4	.133	1	1.92	.003	.33	<.2	.12	39	1.0	.02	4.5
61977	.43	17.45	3.52	66.2	90	4.1	11.0	1859	2.74	1.3	1.1	5.2	.9	34.9	.18	.13	.06	35	.77	.177	5.0	10.6	.71	164.6	.097	<1	1.12	.004	.26	<.2	.15	50	.9	.02	2.6
RE 61977	.45	17.97	3.65	66.9	105	4.1	11.2	1891	2.79	1.2	1.1	14.8	1.0	35.1	.15	.14	.06	36	.79	.184	5.3	7.3	.72	166.5	.098	<1	1.14	.004	.26	<.2	.15	51	.9	.02	2.8
STANDARD DS2	13.91	128.56	33.13	160.5	262	35.9	11.8	845	3.14	61.0	21.8	221.6	3.4	26.7	10.35	10.74	11.09	73	.52	.090	15.3	159.5	.61	152.4	.088	2	1.70	.030	.16	8.4	1.85	251	2.4	1.92	5.8
STANDARD S-1	1.05	30.52	9.82	47.3	34	13.4	13.0	455	3.90	2.2	.6	2.2	2.7	43.7	.06	.10	.14	153	.45	.041	12.2	41.6	.52	87.2	.363	2	4.07	.101	.06	<.2	.12	31	.4	.02	10.1

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY. C. Leong .. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL C-2 ROAD File # A002229 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61972	1.15	.1	<.02	.63	16.2	5.1	.2	.04	<.05	<.1	5.06	7.9	<.02	<1	.4	10.6	30
61977	2.62	<.1	<.02	.80	17.1	1.4	.1	.03	<.05	<.1	4.08	8.3	<.02	<1	.1	9.1	15
RE 61977	2.66	<.1	<.02	.82	16.8	1.4	.1	.04	<.05	<.1	4.06	8.8	<.02	<1	.2	8.9	15
STANDARD DS2	3.42	<.1	.04	1.38	12.8	2.9	26.7	.04	<.05	2.5	7.77	30.6	5.19	<1	.4	14.3	30
STANDARD S-1	1.25	<.1	.65	.49	4.2	8.7	1.6	.01	<.05	37.5	14.35	30.9	.04	<1	.8	10.3	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL LOWER D-1 ROAD File # A002232 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61989	.17	67.63	2.02	45.8	42	95.1	23.3	609	3.09	1.0	<.1	12.1	.2	27.0	.04	.10	<.02	104	.88	.247	.6	231.1	2.45	551.6	.228	<1	2.40	.013	.96	<.2	.12	15	.3	<.02	5.4
61990	.23	56.81	2.27	80.0	77	49.8	22.3	746	3.62	1.0	<.1	3.0	.3	15.6	.09	.10	.02	112	.48	.159	.8	104.2	2.16	528.8	.227	<1	2.35	.015	1.09	.2	.17	19	.3	.02	5.7
61991	.25	41.75	1.75	49.2	45	38.7	17.8	558	3.09	.9	<.1	3.1	.2	14.0	.06	.10	<.02	92	.32	.119	.5	90.7	1.54	319.5	.188	<1	1.92	.009	.65	<.2	.12	17	.3	<.02	4.7
61992	1.98	28.19	4.43	67.9	78	18.6	12.1	448	2.31	2.1	2.1	2.6	.5	25.4	.10	.12	.04	70	.37	.093	2.9	40.3	1.18	159.1	.142	4	1.69	.032	.41	<.2	.14	24	.6	.03	4.9
61993	.66	37.26	3.67	51.2	63	30.7	14.6	900	2.52	2.7	.3	1.5	.4	24.7	.14	.11	.04	70	.58	.128	1.4	59.0	1.31	282.8	.153	<1	1.68	.014	.54	<.2	.14	27	.7	.03	4.2
61994	.64	11.37	2.09	35.1	80	3.5	7.7	502	2.25	1.5	.3	2.0	.7	12.1	.08	.12	.03	50	.29	.095	1.4	11.3	.98	259.4	.138	<1	1.34	.012	.46	<.2	.11	25	.4	.03	4.5
61995	.61	12.24	1.93	27.4	50	4.5	6.7	418	1.67	1.5	.4	1.5	1.1	15.7	.05	.10	.03	38	.42	.151	2.3	7.6	.68	184.1	.097	<1	1.05	.011	.37	<.2	.10	14	.3	.02	2.8
61996	1.80	13.16	2.51	32.3	58	4.4	6.4	373	1.96	2.0	.6	1.5	1.1	14.2	.05	.12	.06	43	.30	.094	1.8	9.6	.77	166.8	.131	1	1.32	.011	.39	<.2	.13	29	.5	.03	3.8
61997	.94	21.03	6.52	36.2	67	12.2	10.0	582	1.98	1.6	.4	2.4	1.0	17.6	.07	.11	.04	49	.44	.133	2.2	26.5	.88	202.4	.125	<1	1.33	.014	.44	<.2	.13	30	.4	.03	3.6
61998	.76	13.20	1.96	37.5	72	4.8	8.1	446	1.88	1.2	.3	1.5	.7	16.9	.13	.15	.03	33	.33	.096	1.8	10.0	.79	199.5	.131	<1	1.25	.011	.45	<.2	.15	26	.4	.02	3.1
RE 61990	.22	54.92	2.13	79.3	64	47.8	22.3	740	3.56	.9	<.1	2.7	.3	15.4	.08	.10	<.02	108	.47	.151	.9	105.8	2.13	523.9	.224	<1	2.31	.015	1.07	.2	.16	20	.3	<.02	5.7
STANDARD DS2	13.91	128.56	33.13	160.5	262	35.9	11.8	845	3.14	61.0	21.8	221.6	3.4	26.7	10.35	10.74	11.09	73	.52	.090	15.3	159.5	.61	152.4	.088	2	1.70	.030	.16	8.4	1.85	251	2.4	1.92	5.8
STANDARD S-1	1.05	30.52	9.82	47.3	34	13.4	13.0	455	3.90	2.2	.6	2.2	2.7	43.7	.06	.10	.14	153	.45	.041	12.2	41.6	.52	87.2	.363	2	4.07	.101	.06	<.2	.12	31	.4	.02	10.1

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 **DATE REPORT MAILED:** July 31/00 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL LOWER D-1 ROAD File # A002232 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61989	1.23	.1	<.02	.51	29.4	2.9	.2	.02	<.05	.1	1.77	1.3	<.02	1	.3	19.3	30
61990	1.74	.1	<.02	.69	36.4	2.4	.2	.04	<.05	.2	1.66	1.7	<.02	<1	.1	18.0	30
61991	1.66	.1	<.02	.54	22.8	1.7	.2	.01	<.05	.1	1.09	1.2	<.02	<1	.2	15.5	30
61992	2.00	<.1	<.02	.88	19.7	2.5	.2	.25	<.05	.4	3.55	6.0	.02	<1	.2	42.5	30
61993	2.81	<.1	<.02	.71	20.3	2.1	.2	.04	<.05	.2	2.40	3.0	.02	<1	.2	14.5	30
61994	1.30	<.1	<.02	.83	16.7	1.5	.3	.04	<.05	.1	1.70	2.9	.03	<1	.2	7.0	15
61995	.92	<.1	<.02	.58	14.6	1.4	.2	.02	<.05	.2	2.89	4.6	.05	<1	.3	6.3	30
61996	1.16	<.1	<.02	.87	17.0	1.2	.3	.02	<.05	.2	2.21	3.9	.05	<1	.2	6.7	30
61997	1.00	<.1	<.02	.83	18.4	1.5	.2	.03	<.05	.3	2.46	4.4	.05	<1	.2	8.5	30
61998	1.21	<.1	<.02	1.26	20.7	.9	.2	.04	<.05	.2	1.66	3.5	.04	<1	.4	6.0	30
RE 61990	1.66	.1	<.02	.65	35.1	2.3	.2	.03	<.05	.1	1.59	1.7	.03	<1	.2	17.2	30
STANDARD DS2	3.42	<.1	.04	1.38	12.8	2.9	26.7	.04	<.05	2.5	7.77	30.6	5.19	<1	.4	14.3	30
STANDARD S-1	1.25	<.1	.65	.49	4.2	8.7	1.6	.01	<.05	37.5	14.35	30.9	.04	<1	.8	10.3	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL UPPER D-1 ROAD File # A002230 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61983	9.01	7.08	1.44	23.6	62	4.7	14.7	109	3.79	1.3	.1	5.5	.5	9.6	.04	.06	.14	16	.34	.161	.9	5.3	.35	71.5	.025	8	.66	.017	.28	2.0	.19	5	.4	.49	1.7
61984	2.56	1023.73	2.24	29.4	1406	6.1	111.6	332	6.66	2.1	.3	77.5	.5	87.3	.12	.32	.83	42	.63	.095	1.4	8.5	.49	20.0	.127	2	1.06	.006	.70	1.2	.14	32	7.3	1.28	4.1
STANDARD DS2	14.61	129.22	31.53	163.2	260	37.0	11.7	810	3.07	55.2	19.9	210.5	3.4	27.8	10.53	9.65	10.95	73	.53	.089	15.5	150.4	.58	138.1	.085	7	1.67	.031	.16	7.4	1.82	236	2.3	1.95	6.0
STANDARD S-1	.95	29.70	9.97	51.2	61	11.8	12.5	432	3.95	2.1	.5	6.0	2.5	44.8	<.01	.10	.13	145	.46	.043	10.9	35.2	.48	81.8	.313	4	3.98	.113	.06	<.2	.12	44	.4	.05	10.0

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 24/00 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL UPPER D-1 ROAD File # A002230 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61983	.46	<.1	<.02	.06	11.8	1.0	.2	3.68	<.05	.1	1.80	1.7	<.02	1	<.1	1.8	30
61984	.36	.1	.03	.61	20.2	.9	.4	5.38	<.05	1.4	1.21	2.7	<.02	<1	.1	.9	30
STANDARD DS2	3.28	<.1	.04	1.39	12.4	2.8	26.4	.03	<.05	2.6	7.51	30.9	5.32	<1	.7	14.5	30
STANDARD S-1	1.15	<.1	.55	.36	4.1	8.3	1.3	<.01	<.05	34.6	13.65	28.5	.05	<1	.7	10.4	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 24/00 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL UPPER D-1 ROAD File # A002231 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61981	1.09	3.63	2.64	14.6	151	1.6	2.3	139	.91	.3	.2	.9	.1	10.2	.05	.08	.07	28	.08	.024	1.2	4.3	.23	72.7	.116	<1	.67	.006	.12	<.2	.04	33	.6	.02	4.1
61982	1.50	10.96	2.66	45.1	47	1.6	6.5	492	1.88	.3	.1	1.3	.3	14.0	.08	.09	.03	41	.15	.037	.8	3.9	.59	174.4	.160	1	1.06	.007	.38	<.2	.10	24	.4	.04	3.5
61985	1.91	9.79	1.88	50.1	65	2.6	10.7	782	2.12	.4	.2	.8	.3	17.5	.22	.13	.05	42	.24	.058	1.3	2.5	.70	257.3	.166	1	1.26	.006	.43	<.2	.15	36	.5	.05	3.7
61986	.91	8.43	1.87	40.7	50	3.7	4.9	273	1.68	.7	.2	1.6	.3	18.4	.13	.11	.06	34	.23	.059	1.7	6.2	.54	175.8	.119	2	1.14	.009	.25	<.2	.08	31	.5	.03	3.4
61987	1.96	11.65	1.67	56.3	49	1.8	6.0	364	2.66	.5	<.1	2.1	.2	20.1	.05	.16	.04	58	.26	.115	.9	5.0	.87	311.9	.150	1	1.52	.007	.49	.2	.17	27	.7	.18	3.6
61988	.58	16.85	3.42	44.5	78	9.8	10.8	1134	2.29	2.1	.4	4.4	.9	25.2	.08	.18	.06	46	.47	.100	4.2	15.1	.60	138.8	.092	1	1.19	.022	.19	<.2	.09	35	.5	.03	3.8
RE 61988	.59	16.91	3.46	44.1	71	9.9	11.0	1152	2.29	2.2	.4	4.9	.9	25.5	.08	.17	.06	45	.47	.098	4.2	12.8	.60	139.3	.092	1	1.21	.023	.19	<.2	.09	35	.5	.02	3.8
STANDARD S-1	1.05	30.52	9.82	47.3	34	13.4	13.0	455	3.90	2.2	.6	2.2	2.7	43.7	.06	.10	.14	153	.45	.041	12.2	41.6	.52	87.2	.363	2	4.07	.101	.06	<.2	.12	31	.4	.02	10.1
STANDARD DS2	14.25	127.95	31.74	159.0	270	35.4	11.9	840	3.13	60.4	20.0	211.2	3.5	26.4	10.65	10.76	11.48	72	.52	.092	15.4	158.6	.61	151.3	.087	1	1.69	.030	.15	8.4	1.92	248	2.6	2.02	5.8

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 **DATE REPORT MAILED:** July 31/00 **SIGNED BY:** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL UPPER D-1 ROAD File # A002231 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61981	.30	<.1	<.02	1.61	4.7	.6	.3	.04	<.05	.2	.64	2.0	.02	<1	.1	1.0	30
61982	.51	<.1	<.02	1.38	13.5	.5	.8	.02	<.05	.1	.51	1.5	<.02	<1	.1	1.2	30
61985	.72	.1	<.02	1.44	16.6	.5	.2	.02	<.05	.1	.81	2.4	<.02	<1	.2	2.9	30
61986	.60	<.1	.03	.89	10.2	1.0	.2	.02	<.05	.2	1.31	3.3	<.02	<1	.2	4.5	30
61987	.86	.1	<.02	.92	19.3	.7	.2	.01	<.05	.1	.74	1.6	<.02	2	.1	3.2	30
61988	.93	<.1	<.02	.75	9.8	2.0	.3	.02	<.05	.7	3.70	8.6	<.02	<1	.3	8.3	30
RE 61988	.93	<.1	<.02	.69	9.8	2.1	.3	.02	<.05	.6	3.58	8.6	.02	2	.2	7.9	15
STANDARD S-1	1.25	<.1	.65	.49	4.2	8.7	1.6	.01	<.05	37.5	14.35	30.9	.04	<1	.8	10.3	30
STANDARD DS2	3.43	<.1	.04	1.45	12.4	2.8	27.3	.02	<.05	2.8	7.71	29.6	5.55	1	.4	14.8	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL D-2 ROAD File # A002233 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
167985	10.10	468.43	3095.55	5238.4	15017	3.6	8.4	99	5.05	10.9	<.1	144.4	.3	8.8	63.25	15.02	.45	6	.09	.081	<.5	15.0	.07	63.7	.047	2	.26	.015	.16	2.3	.08	91	6.6	7.24	.9
167986	4.09	725.60	26719.80	27965.0	99999	2.9	11.7	321	3.50	23.4	<.1	1301.7	.5	12.3	369.80	73.17	.42	11	.30	.104	1.0	42.4	.29	76.0	.052	3	.57	.007	.44	1.4	.56	423	19.7	88.38	1.5
167987	1.61	2024.75	22093.04	32591.0	99999	1.3	8.8	213	2.34	30.5	.2	1090.0	.4	5.8	420.50	112.65	.22	7	.16	.065	.8	42.2	.18	102.1	.035	2	.37	.006	.22	3.1	.24	494	16.3	59.72	1.0
167988	4.73	1497.75	21066.90	55229.0	99999	3.8	11.9	441	3.64	32.1	.1	1148.3	.4	7.2	768.90	73.37	.17	11	.15	.060	1.0	74.3	.40	63.4	.047	7	.55	.007	.31	1.8	.41	3511	20.9	63.87	1.7
167989	1.86	77.05	1512.36	564.8	6554	1.8	7.2	334	2.58	10.8	.1	132.3	.3	9.7	4.99	4.72	1.23	17	.27	.117	1.0	6.5	.53	108.2	.069	4	.79	.011	.55	1.9	.41	21	2.8	6.57	1.9
168060	5.26	19.05	82.86	148.2	569	6.3	11.2	128	3.57	.6	.1	9.2	.3	9.0	1.01	34	.04	27	.35	.179	.8	10.1	.55	89.4	.027	4	.94	.014	.26	1.1	.12	11	.2	.86	2.6
168061	24.60	36.88	25.09	38.1	397	7.2	16.3	126	5.57	4.1	<.1	9.3	.2	11.6	22	23	.14	6	.24	.088	.5	6.5	.14	32.9	.014	1	.41	.015	.19	2.5	.10	13	1.5	.59	1.0
RE 168061	23.92	36.92	24.14	36.7	406	7.0	15.1	125	5.59	4.2	<.1	7.5	.2	11.1	21	23	.14	6	.23	.091	.5	5.4	.14	33.7	.015	<1	.40	.014	.19	2.5	.10	20	1.4	.57	1.0
STANDARD DS2	14.61	129.22	31.53	163.2	260	37.0	11.7	810	3.07	55.2	19.9	210.5	3.4	27.8	10.53	9.65	10.95	73	.53	.089	15.5	150.4	.58	138.1	.085	7	1.67	.031	.16	7.4	1.82	236	2.3	1.95	6.0
STANDARD S-1	.95	29.70	9.97	51.2	61	11.8	12.5	432	3.95	2.1	5	6.0	2.5	44.8	<.01	.10	.13	145	.46	.043	10.9	35.2	.48	81.8	.313	4	3.98	.113	.06	<.2	.12	44	.4	.05	10.0

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 24/00 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL D-2 ROAD File # A002233 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
167985	.09	.1	<.02	.76	4.8	.6	.2	4.03	<.05	.1	.81	.9	.02	60	.1	.5	30
167986	.73	.1	<.02	.28	19.8	.4	.2	4.20	<.05	.1	1.10	2.2	.09	<1	.2	1.8	30
167987	.21	.1	<.02	.26	8.2	.3	.9	3.15	<.05	.1	1.18	1.7	.10	<1	.1	1.1	30
167988	.50	.1	<.02	.24	16.7	.4	.2	4.43	<.05	.2	1.24	2.0	.13	<1	.2	2.1	30
167989	.86	<.1	<.02	.14	26.8	.7	.1	2.27	<.05	.1	1.43	1.9	<.02	<1	.2	3.4	30
168060	.40	<.1	<.02	.25	9.9	1.6	.2	2.06	<.05	.1	1.62	1.6	<.02	3	.1	2.5	30
168061	.11	<.1	<.02	.08	8.0	.6	.3	5.98	<.05	.1	.59	1.2	<.02	3	.1	1.2	30
RE 168061	.11	<.1	<.02	.07	8.0	.6	.1	6.06	<.05	.1	.56	1.1	<.02	2	.1	1.3	30
STANDARD DS2	3.28	<.1	.04	1.39	12.4	2.8	26.4	.03	<.05	2.6	7.51	30.9	5.32	<1	.7	14.5	30
STANDARD S-1	1.15	<.1	.55	.36	4.1	8.3	1.3	<.01	<.05	34.6	13.65	28.5	.05	<1	.7	10.4	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 24/00 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data 1 4a

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL D-2 ROAD File # A002234 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
167990	2.26	11.26	2.33	69.7	81	2.3	9.7	1142	2.58	.5	.3	3.4	.5	24.0	.09	.20	.03	43	.36	.072	.9	3.5	.88	264.5	.196	2	1.41	.007	.55	<.2	.23	27	.4	.02	3.9
167991	.49	21.99	6.43	93.4	99	6.0	14.8	758	2.50	.8	<.1	3.6	.1	17.6	.45	.16	.03	62	.42	.138	.6	7.5	1.37	526.5	.203	<1	1.76	.010	.82	<.2	.24	17	.6	.03	3.7
167992	.81	9.56	2.45	66.2	82	3.7	12.1	957	2.37	1.0	<.1	.8	.1	19.5	.17	.14	.02	45	.38	.103	.6	4.8	1.03	307.8	.181	<1	1.45	.009	.58	<.2	.21	30	.5	.04	3.4
168059	2.70	11.18	9.17	45.0	82	2.5	8.8	668	2.33	.8	.3	1.4	.8	23.0	.16	.13	.05	36	.26	.075	1.3	4.4	.75	160.2	.158	2	1.21	.009	.43	<.2	.18	29	.4	.03	3.6
RE 168059	2.79	11.63	9.32	47.8	83	2.5	9.2	704	2.43	.9	.3	1.8	.8	23.8	.16	.13	.05	38	.26	.074	1.4	3.4	.79	166.5	.165	1	1.27	.009	.45	<.2	.17	30	.5	.03	3.7
STANDARD S-1	1.05	30.52	9.82	47.3	34	13.4	13.0	455	3.90	2.2	.6	2.2	2.7	43.7	.06	.10	.14	153	.45	.041	12.2	41.6	.52	87.2	.363	2	4.07	.101	.06	<.2	.12	31	.4	.02	10.1
STANDARD DS2	14.25	127.95	31.74	159.0	270	35.4	11.9	840	3.13	60.4	20.0	211.2	3.5	26.4	10.65	10.76	11.48	72	.52	.092	15.4	158.6	.61	151.3	.087	1	1.69	.030	.15	8.4	1.92	248	2.6	2.02	5.8

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 **DATE REPORT MAILED:** July 31/00 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data L FA

ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL D-2 ROAD File # A002234 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
167990	.92	.1	<.02	1.17	23.8	.5	.2	.01	<.05	.1	.75	1.9	<.02	<1	.2	5.7	30
167991	1.14	.1	<.02	1.27	29.0	.7	.1	.01	<.05	.1	.68	1.3	<.02	<1	.3	7.8	30
167992	.93	.1	<.02	.98	24.6	.5	.2	.01	<.05	.1	.59	1.2	<.02	2	.4	6.4	30
168059	.98	<.1	<.02	1.18	20.8	.7	.2	.02	<.05	.2	.92	2.4	<.02	<1	.2	5.1	30
RE 168059	1.03	.1	<.02	1.18	21.8	.7	.2	.02	<.05	.2	.91	2.6	<.02	<1	.2	5.6	15
STANDARD S-1	1.25	<.1	.65	.49	4.2	8.7	1.6	.01	<.05	37.5	14.35	30.9	.04	<1	.8	10.3	30
STANDARD DS2	3.43	<.1	.04	1.45	12.4	2.8	27.3	.02	<.05	2.8	7.71	29.6	5.55	1	.4	14.8	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2000 DATE REPORT MAILED: July 31/00 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

(ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT BELL D-2 ROAD File # A002230R

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cu %	Pb %	Zn %	Ag** gm/mt	Au** gm/mt
167985	.049	.37	.59	16.2	.12
167986	.072	2.75	2.92	117.8	.82
167987	.238	2.56	3.36	112.3	.77
167988	.163	2.07	6.24	103.6	.78
167989	.008	.17	.06	7.2	.16
168060	.002	.01	.02	<.3	.06
168061	.004	<.01	<.01	.4	.01
RE 168061	.004	<.01	<.01	<.3	.01

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: ROCK PULP AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 15 2000 DATE REPORT MAILED: Sept 26/00 SIGNED BY. C. L. .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

P21

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM

B. TECHNICAL REPORT

Days?

Name: Shawn Turford Ref #: P21 2000/01

LOCATION/COMMODITIES-

Project Area: REACH:TSA Target Minfile #: 93E-003
Location of Area NTS: 93E 11W Lat: 53 32 Long: 127 27

Description of location & access: By Cessna 180 floatplane from Francois Lake to a point on the Southwest shore of Troitsa Lake

Main Commodities Searched for: Cu., Au., Ag.

Known Mineral Occurrences in Project Area: Cu, Mo in the Troitsa Lake showing.

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WORK PERFORMED-

1.Conventional prosp. Prospect gossanous area including ravines in between feldspar porphyry dykes.
2.Geological Mapping as per attatched map sheet
3.Geochemical 13 rock and silt samples
4.Geophysical nil
5.Physical Work nil
6.Drilling nil
7.Other

.....

SIGNIFICANT RESULTS- none at this time
Commodities Claim Name:
Location/Lat: Long: Elevation:
Description of mineralization, host rocks, anomalies:

The TSA target is a continuation of my 1999 investigation of a large gossanous area (1500 meters wide x 2000 meters long and open to the South). The gossan has several mineralized bands of parallel running, porphyry stockwork. The sediment zones in between the feldspar porphyry dykes have also been intruded with Zn, Cu, Ag mineralization. Numerous (7 known) seperate mineralized dykes have bisected the highly altered gossanous zone of sediments and volcanics. This summer, mineralization was discovered in the ravines to the West which extended the mineralization zone appreciatibly. In October, Paul Wojdak and I prospected the furthest outcrop to the Western edge of the gossan and was, however, poorly mineralized and no sulphides were noted.
To the South, at least 8 other feldspar porphyry dykes are mapped (D. MacIntyre 1985), and two other minfile showings occurr; 93E-005 and 93E-009. This is the Upper Cretaceous age class with the Bulkley Intrusions included. I plan on prospecting the Southern portion in 2001.

T.SA

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(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT REACH File # A002522 -(a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ti ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61950	3.59	151.15	7.12	45.9	142	14.0	15.2	448	4.01	6.3	5	4.1	3.5	53.8	.12	.16	3.15	80	1.10	.121	10.6	29.7	1.46	84.6	.081	<1	1.83	.042	.53	1.6	40	12	.2	1.27	10.8
67600	4.51	228.40	7.42	31.5	1333	8.6	3.8	257	6.19	11.4	.5	13.3	2.2	3.6	.02	2.89	7.85	101	.10	.166	9.6	27.5	1.02	21.5	.007	<1	1.43	.015	.31	2.4	18	<5	1.4	2.17	11.8
67598	6.92	246.63	8.14	7.6	444	2.3	4.1	36	2.11	14.8	.6	8.2	2.7	4.7	.05	.83	11.99	2	.06	.006	7.6	7.5	.03	50.9	.001	<1	.26	.016	.71	3.5	06	25	1.1	3.78	.9
61947	3.18	1974.36	7.38	66.1	1350	12.4	4.0	303	2.73	5.4	2.1	31.9	4.4	20.3	.28	.42	2.50	73	.55	.068	10.6	26.7	1.49	56.7	.041	<1	1.75	.042	.38	2.7	.24	6	.4	1.01	14.6
67601	1.85	2006.00	8.44	88.0	1354	294.3	105.8	556	12.74	12.5	.2	14.3	.1	27.1	.18	.30	34.75	138	.34	.063	2.6	210.2	2.60	13.0	.299	<1	3.78	.095	1.69	42.0	2.07	<5	1.3	12.55	18.6
61949	1.81	26.25	12.76	8.1	119	1.6	.5	18	1.79	2.1	.9	1.4	6.2	6.7	.04	.15	1.87	<2	.01	.007	10.4	9.7	.02	105.4	.001	1	.26	.019	.18	5.3	.05	<5	.2	.38	1.0
61946	3.08	949.13	12.89	43.8	859	15.7	8.0	813	3.52	18.1	.2	43.3	.8	41.3	.03	.19	26.20	46	2.01	107	8.3	27.1	1.01	70.2	.004	<1	1.59	.028	.19	1.2	.09	<5	.3	.11	7.8
67599	2.20	13.03	11.48	49.8	112	17.2	21.9	433	3.79	3.8	5	1.6	3.4	21.9	.14	.16	1.16	66	.70	.108	4.6	35.3	1.31	48.3	.080	<1	1.40	.038	.31	2.0	.18	8	.3	.40	14.4
67597	1.20	138.05	4.11	9.7	99	2.8	.7	123	.68	2.8	1.4	1.6	5.8	23.3	.07	.13	1.44	<2	.62	.008	14.0	10.7	.02	214.1	.001	2	.21	.035	.18	3.4	.06	8	.1	.47	.7
61948	2.47	219.09	12.53	44.7	166	2.6	1.3	97	.73	1.8	8	5.8	4.1	18.1	.24	.14	1.19	<2	.18	.013	19.8	14.0	.11	367.8	.001	<1	.34	.044	.16	3.6	.07	13	.2	.48	1.6
67596	2.42	1644.41	7.38	57.5	1361	15.0	7.5	345	3.54	5.3	.7	37.3	3.7	40.7	.20	.15	3.90	98	.68	.122	9.9	28.9	1.64	145.8	.153	<1	1.93	.048	.72	1.9	.51	13	.3	1.28	15.0
67598	2.98	4813.12	17.65	50.3	13440	2.8	4.4	66	2.66	16.0	1.4	208.4	5.7	5.9	.44	23.63	82.89	<2	.13	.010	5.7	11.3	.02	32.7	.001	<1	.28	.009	.20	39.7	.06	15	1.0	25.86	1.1
RE 67598	2.94	4835.77	17.53	50.9	13396	2.8	4.3	67	2.67	15.8	1.4	202.4	5.8	5.8	.44	22.23	83.36	<2	.13	.010	5.8	9.4	.02	32.0	.001	<1	.29	.009	.21	39.8	.06	20	1.0	26.29	1.1
STANDARD	14.29	126.30	32.26	155.2	276	35.6	11.4	814	3.03	59.0	19.1	228.7	3.4	26.3	10.42	9.96	10.74	72	.51	.087	15.8	157.8	.59	146.8	.088	1	1.65	.028	.15	7.8	1.83	236	2.2	1.85	5.9

Standard is STANDARD DS2.

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, ZR, TL, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 24 2000 DATE REPORT MAILED: Aug 4/00 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

SURFACE L.C.

S - SILT

R - ROCK

67601 - MASSIVE SULPHIDE

ANOMALOUS

PRECIOUS METALS (AG-AU)

BASE METALS (MO, CU, ZN)

SAMPLES — 2000 ——— 1999

SAMPLE No.	ppm Mo	ppm Cu	ppb AG	ppb Au		SAMPLE No	ppm Mo	ppm Cu	ppb AG	ppb Au	ppm Zn
61950	3.59	151.15	142	4.1	R	1	1.13	32.53	915	2.1	98.2
						2	1.31	51.85	102	2.4	124.2
						3	4.68	117.65	235	6.0	531
67600	4.51	728.4	1333	13.3	R	4	1.92	35.43	191	3.2	115.7
						5	4.64	107.31	224	4.6	519
67598	6.92	246.6	444	8.2	R	6	4.98	26.88	163	5.8	102.3
						7	5.15	115.41	222	6.4	96.7
61947	3.18	1974.3	1350	31.9	R	8	27.68	311.82	231	18.3	123.6
						9	22.63	144.63	566	37.2	271.3
67601	1.85	2006.0	1354	14.3	R	10	4.04	82.16	259	13.0	241.3
						11	27.56	226.95	1559	8.5	71.8
61949	1.81	26.25	119	1.4	R	12	28.68	239.41	238	14.4	57.7
61946	3.08	949.13	859	43.3	R	167926	25.30	19.21	87	1.5	5.1
						167927	1.97	1029.92	7401	2575	1575.4
67599	2.20	13.03	112	1.6	R	28	3.39	246.02	336	7.1	37.4
						29	4.05	1398.54	1044	16.6	40.9
67597	1.20	138.05	99	1.6	R	167930	1.91	749.48	583	113.1	71.396
61948	2.47	219.09	166	5.8	R	31	2.53	40.57	39	2.9	31.8
67596	2.42	1644.41	1361	32.3	R	32	2.98	639.54	836	12.4	65.3
67598 B	2.98	4013.12	12440 F	208.4	R	33	3.79	8.76	46	1.4	18
STP-1					S	34	6.70	11.99	50	2.0	4.6
						167935	13.43	4621.95	7465	85.9	79.6
						36	4.22	20.24	66	2.2	14
						167937	1.10	2333.67	10150	470.4	123.5
						38	24.89	5688.34	3420	1444	515.6
						39	8.29	8545.50	11726	14440	81.7
						167940	3.76	2272.19	2371	27.1	72.8
						41	6.72	7318.94	10237	90.2	87.1
						42	4.92	771.09	732	116	74.0
						43	5.01	3949.48	7196	134.8	83.7
						44	8.41	5674.91	8450	160.9	1011.5
						167945	19.08	5194.17	3850	48.0	62.7

TROITSA

156
R. 60
N

SCALE: 1:20,000

SAMPLE I.D.
1999 - 167430
2000 - 61946

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM

B. TECHNICAL REPORT

Name: Shawn Turford Ref #: P21 2000/01

LOCATION/COMMODITIES-

Project Area: Reach: Tout Lake target Minfile #: 93E053, 93E071, 93E072
Location of Area NTS: 93E14E Lat: 53 57' Long: 127 01'

Description of location & access: Travel by truck and trailer from Francois Lake to Owen East F.S.R., then Morice Tahtsa F.S.R. to Hill Tout F.S.R. then prospecting Roads and blocks to the south.

Main Commodities Searched for: Cu., Au, Ag, Mo.

Known Mineral Occurrences in Project Area: Porphery type Cu. deposit Such as Huckleberry Mines 35 Km southwest.

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WORK PERFORMED-

1.Conventional prosp. Prospecting roads and blocks south of Tout Lake
2.Geological Mapping as per map sheet
3.Geochemical 44 rock and silt samples taken.
4.Geophysical nil
5.Physical Work nil
6.Drilling nil
7.Other nil

.....

SIGNIFICANT RESULTS- some very high assays taken from log block to the south.

Commodities Claim Name:
Location/Lat: Long: Elevation:

Best assay/sample type:

Description of mineralization, host rocks, anomalies:

Country rock is coarse to medium grained fragmental volcanics, andesites and felsitic rocks of the Hazelton group. These rocks have been intruded by at least two types of intrusive rocks. Small outcrops and outcrop areas of differentiated granitic rock with compositions varying from quartz monzonite to grano- or quartz

diorite. The southern area south of Tout lake the rock is a quartz monzonite porphyry which changes to a finer more even grained granoiorite or quartz diorite. Two anomalus zones appear in the area. One is where Mr Ronald Busson as his Tout claims and the other lies to the south east.

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GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT REACH File # A003508 Page 1 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppb	Tl ppm	S %	Ga ppm	Se ppm
ST-20	7 44	18 36	31 41	50 2	683	3 5	7 0	224	2.07	2 0	1 9	2 4	1.2	35 9	35	1 17	.36	29	41	044	3 1	13 7	.68	110 8	.098	1 1	44	133	59	2 3	38	7	4	32	5.9
ST-11	2 13	111 52	11 43	51 3	216	2 8	13 2	157	3 80	3	2	2 9	1 4	17 1	20	20	45	49	85	027	8 0	10 8	.37	37.4	046	<1	74	025	44	3 0	25	8	2 2	.24	3.5
ST-22	1 40	35 52	8 90	163 9	181	12.7	18 6	579	7 26	1.2	< 1	8.0	< 1	29 8	24	.23	4 39	312	67	041	.6	58.3	2 47	44 9	.258	2 2	94	194	1 41	2 7	.93	<5	1 4	1 72	13 7
ST-13	3 28	1759.20	7 15	80.3	1858	41 3	32 2	177	4.25	47.8	.9	85.6	3 7	4 9	.36	1 29	2.27	16	.09	057	6 4	20 0	.45	46 9	.003	1	81	003	22	2 7	08	12	2 6	1.23	2 6
ST-2	.75	496.12	5 40	98 4	555	9.3	70 5	495	7.85	219 1	.2	147 6	.3	7.3	.34	10.04	7.11	177	12	.057	2.1	18 9	1.45	46 8	.063	1 2	14	022	46	1.7	51	23	2.1	3 59	11.8
ST-25	14 19	443 35	4 65	29 6	652	6 8	647 5	178	12 89	12 2	9	46 4	1	92 1	.04	21	5 10	52	23	023	5 3	14 3	67	31 8	087	<1	1 07	060	61	1430 7	58	<5	13.5	1 51	4.3
ST-5	.94	22 34	4.25	11 6	79	2 3	3 4	52	1 34	1 0	< 1	4 7	1 2	3.6	.03	.37	62	3	08	029	4 7	7 1	.07	61 2	001	<1	26	036	13	14 8	07	<5	3	16	.7
ST-15	3.56	48 22	6.11	19.7	574	3 9	2 2	25	1.59	35.9	.4	77 2	1 8	3.7	.01	.87	12.92	7	<.01	010	12.3	13.3	02	93 4	< 001	1	25	007	.18	4 7	07	11	3 0	4.48	7
ST-1	1.69	13.73	4.98	63 4	54	5 1	10 5	746	2.66	<.1	.5	1 8	2.8	52.8	.08	.12	13	75	1 10	130	15.8	12.7	1 14	53.5	.033	1	77	152	11	2 1	03	<5	1	.02	2.3
ST-12	1 47	2782.71	5 64	227 8	5803	22 2	159 3	745	18.98	143.0	.2	221.9	3	3 3	41	.59	16.37	114	12	070	1.1	16.4	1 86	27.6	018	1 3	96	005	22	1 7	.15	9	11 5	3.65	18 6
ST-27	10 60	354.57	4.93	32 5	467	6 1	544 1	208	9 92	13 2	6	27 1	1	41.1	.04	.23	3.12	65	38	052	4.0	9 4	87	38.3	138	<1	1 53	112	88	969 7	93	<5	8 8	86	6.5
ST-4	3 17	124.24	3.84	61 4	208	1.8	9 5	242	4 31	1 6	< 1	7 9	.7	6.9	09	.31	1.77	16	.15	057	3 1	9.1	52	73 9	014	<1	88	030	18	7 3	16	<5	.7	.68	4 0
ST-17	1.85	56.76	6 59	42.0	226	2 7	9.5	142	5 85	1 5	< 1	11 3	.5	9.3	.12	.35	2 07	17	38	037	1 2	9 3	21	16.8	.061	1	70	050	10	10.7	07	19	1.2	69	3 0
ST-7	2.16	15.51	7.80	14.3	63	2.0	5 0	57	2.56	1 8	< 1	6 2	1.4	12 5	.06	.16	1.02	6	.11	.023	1.3	10.6	13	33 3	.010	1	62	.037	.18	3 7	09	12	.4	.25	2 0
ST-30	.57	846.76	8 50	208 2	1958	103.4	91.7	1883	11.75	22.6	<.1	71 1	3	38 3	.29	.39	5 45	175	1.39	.086	3 1	260.1	3 96	197 5	260	1 4	22	.029	3 61	7 3	90	12	.6	.73	17.0
ST-28	1.96	71 01	2 12	36 5	97	6 2	13 3	291	3 66	2 0	< 1	6 5	4	84 2	04	30	33	116	64	081	2 6	17 1	1 22	144 9	169	<1	2 35	210	1 13	2 3	1 02	<5	8	12	10.1
ST-8	88	47.11	3.13	26 2	167	5.1	1 6	219	2 18	10 6	< 1	5 8	.8	6 6	02	.49	1 69	67	.09	.025	6 7	15.9	65	80 9	066	1	94	.028	42	3 2	39	7	2	25	4.9
ST-10	2 71	250.30	9 67	145 8	353	3.4	41.7	308	6 73	2.3	.2	8 3	.3	27.1	68	.16	8.74	101	1.32	.081	1.7	10.6	1.27	45 2	.114	1 2	62	.167	17	4.3	.12	9	2 0	4 85	13.9
ST-24	1.44	30 21	5.99	48 8	104	4.9	3 8	195	2 87	.7	.3	2 8	2 5	46.5	12	.34	.62	58	.53	.094	4 6	14 7	.67	25.3	102	1 1	.07	065	14	4 9	12	9	3	.18	4.8
RE ST-24	1 39	30 40	5.71	46 4	96	4 7	3 4	196	2 89	7	3	2 8	2.4	45 5	.10	.34	.61	59	.56	093	5 0	15 1	68	25 8	111	1 1	12	065	14	4 7	10	12	.3	20	4 6
ST-6	1.31	145.91	4 39	103 9	192	12.5	21 7	474	5 99	4 4	< 1	6.6	.4	8 1	.16	28	3 85	180	.28	082	2 8	8.6	1 31	23.8	080	1 1	.81	.042	57	2 2	88	13	9	1 04	10.8
ST-18	8.12	27.90	3 69	50 7	134	6 5	13 8	184	16 66	14 3	.5	20.2	3	11.7	.03	.16	7.32	98	25	.037	9	11.5	74	26 2	131	1	97	061	44	11.8	30	16	3 8	3 77	6 5
ST-29	8.55	6.75	2 02	17 3	33	2.5	5 0	172	1.59	.9	1 4	1.3	1 6	17.4	.04	.32	.31	17	.22	034	4 3	10 7	50	73 5	070	1 1	00	074	43	2 3	.29	<5	3	.09	4.2
ST-22B	6.17	31 40	4 00	91.9	138	18 4	27.4	324	13.35	2 6	1	11.5	<.1	19 1	.06	.15	9.45	210	.40	.029	5	43 9	1 53	23 0	185	1 1	89	121	.97	15 2	.68	21	3 2	4.76	10.1
ST-31	5 26	20 58	3.25	5.6	85	3 8	9 9	29	3 57	1 5	1.9	6 0	7 0	7.1	02	.34	.47	11	02	.031	11 6	13.9	97	85.1	.003	1 1	22	009	35	6 1	14	11	1 8	31	3 9
ST-3	5 34	261 13	6.02	70.4	267	4 4	39.2	203	7 12	2 5	4	13 0	6	6.3	.05	28	7.21	33	09	.057	12.3	8.2	.89	24 2	006	<1	1 12	035	17	2 1	12	9	1 5	2.23	6.1
ST-16	2 23	714 24	5 45	64 6	548	2 3	10.1	343	5 39	2.4	.1	9.0	2	25.9	.13	.19	5.97	82	1 59	.072	2 1	13.5	1 37	37.2	137	1 2	76	177	.16	3.3	08	11	1.2	3.77	13.0
ST-32	1 02	665 84	27 44	323 8	1245	9 6	24.3	893	7 09	5 7	1	17 2	3	8.1	1.86	.23	5 03	141	71	080	1 6	14.5	1.52	25.9	190	1 2	02	068	35	6 3	37	27	8	2.29	13.5
ST-23	3 58	386.09	24 89	152 4	714	20.9	20 7	671	7 58	7.7	< 1	20 9	1	36 4	23	.44	6 34	268	94	043	1 0	50 8	2 01	46 8	247	1 2	93	221	1 09	3.4	77	24	1 0	2 17	12.1
ST-9	1.57	299.21	17.35	71 0	6528	5 1	2 5	473	13 52	13.5	.1	212.7	.1	16 8	.05	.64	28.60	196	.18	036	6	13 2	1 17	30 2	250	1 1	35	018	24	17 2	23	18	1 2	12 43	22 7
ST-21	3 23	224 48	9 35	46 5	944	4.9	17.3	236	6.95	16 5	.2	364 1	.7	13.3	.10	.54	10.81	61	.29	067	1 6	14.5	68	39 0	123	1 1	3.	066	37	2 4	22	11	1	1	1
ST-19	3 40	15.03	2 03	28 8	68	3.8	5 1	197	2 18	1.2	2	8 5	1.3	24 5	07	36	68	22	29	034	3 1	10 6	58	65 8	074	1 1	13	086	38	2 8	25	7	4	25	5.1
ST-26	65 43	28.45	9.30	22 9	200	3.6	7.1	111	3 96	8 1	3	16 5	2 3	6 9	.02	47	4.00	11	.09	025	2.2	14.9	26	37 8	027	2	48	053	18	11 3	09	27	.9	29	3 5
STANDARD DS2	13.79	124.26	33.97	153.3	258	35 2	12 8	803	3.00	57 8	19 0	217 3	3 5	26.5	10 60	9 88	10 68	76	51	088	15 0	157.9	.59	149.6	088	2 1	65	028	.16	7 6	1 85	246	2 1	1.91	5.7

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 40C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 11 2000 DATE REPORT MAILED: Sept 21/00 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT REACH FILE # A003508

ACME ANALYTICAL

Sample	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Se ppm	Te ppm	Ga ppm
ST-14	3 57	412 89	8 58	23 9	615	17 7	10 4	53	2 18	16 3	.5	95 6	2.1	2 5	.10	56	5 61	7	03	D18	7 2	14 4	10	88 0	004	<1	40	005	20	4 2	04	20	5 4	1 93	.9
ST-11B	3 47	51806 04	10 14	1907 3	99999	105 9	671 0	62	35 88	2236 0	< 1	2516 3	< 1	.7	14.19	35.23	20 17	10	< 01	003	< 5	20 4	08	9 0	001	1	30	002	04	2 3	1 45	355	65 9	2 67	2.2
R-2	1 64	366.45	20 01	113 9	824	4 5	9 7	511	4 61	3 9	1	12 1	5	9 5	.35	49	1 26	49	50	D60	1 9	15 2	81	29 4	111	<1	1 24	047	14	11 0	08	5	4	36	6.9
R-50	3 72	1016 79	282 64	16677 2	8858	15 9	12 2	658	6 50	2116.2	< 1	97 8	5	3 2	134.32	2.81	19.38	12	.21	091	2 6	21 6	18	34 0	009	1	.57	004	40	4 3	.14	243	1 1	.12	1.2
R-5	89	1931 46	237 16	2434 0	10983	6 0	16 3	866	10 26	965.3	3	4990 2	3	7.1	17.48	.93	46 98	95	27	.056	7	10 5	89	40 4	.028	<1	1 89	005	50	2 7	.19	193	.5	4 26	8 7
R-3	9 92	184.93	60.87	133 6	803	5 3	19 9	334	7 78	11.6	1	37 4	3	10 0	.50	89	1 10	58	32	041	9	19 6	71	23 7	.105	<1	1 19	041	22	13 3	15	8	1 9	.43	6.1
R-6	1 80	524 64	212 37	19500 3	4731	15 1	9 7	802	6 31	1651.1	<.1	80.7	.4	3 3	154 04	2.45	15.28	13	.22	.089	2.7	12.1	.19	32 9	009	2	59	004	42	3 1	13	240	7	08	1 2
R-1	3 01	191 64	5.25	198 5	416	10 2	12 7	363	3 98	25 7	.7	9.1	3 7	12 8	.95	83	9 02	50	.79	139	14 1	20 5	98	107 3	034	1	2 17	.016	59	2.9	28	31	.4	2 31	5.5
R-50	.88	2506 17	103.19	9177 9	5907	5 8	19 3	711	12 89	467.2	4	184 1	2	2 0	63.59	.67	55 07	92	.10	046	8	8 6	80	57 3	036	<1	1 96	003	55	2.7	14	54	1	6 6 37	6 0
R-4	2 74	239.36	19.66	281.9	381	5 0	11 1	482	6.16	4.3	< 1	16 3	4	8.7	2.08	.45	1 43	51	.45	056	1.4	17 9	.79	23 2	.110	<1	1 28	044	16	5 0	09	10	6	.40	6.3
RE R-4	2 68	235.71	18.29	281 4	365	5 2	11 4	479	6 06	3 2	< 1	17 8	4	8.3	2 12	.45	1 24	49	44	055	1 3	16.7	.78	22.5	104	<1	1 25	043	15	5 0	08	9	6	.44	6.3
STANDARD 052	14.19	126 69	32 66	162 9	270	33 4	12 1	810	3.01	60.0	18 9	216 2	3 7	27.9	10 29	9 75	10.98	75	.51	088	15 6	156.2	58	147 7	.087	2	1 65	.029	15	7 7	1 88	242	2 1	1 90	6 0

Sample type ROCK R150 40C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT REACH File # A003509 (a)

600 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
ST-S1	5.88	110.03	20.23	221.9	404	13.6	46.2	6423	5.05	30.0	5	17.5	8	28.7	1.31	1.43	1.22	51	.59	.070	8.3	16.8	.39	245.5	.023	<3	1.71	.009	.08	.7	.24	41	.7	.26	4.1
ST-S2	4.10	93.03	23.28	238.3	393	11.4	13.4	3748	3.42	31.1	5	12.0	.5	26.3	1.70	1.79	1.90	43	.56	.081	8.7	16.7	.40	220.2	.022	<3	1.59	.009	.08	3	.17	62	.6	.35	4.5
RE ST-S2	4.01	92.86	22.93	234.3	397	11.3	13.4	3664	3.38	30.9	.5	18.4	5	25.2	1.68	1.78	1.91	48	.56	.078	8.5	16.8	.40	216.6	.020	<3	1.56	.010	.08	.3	.16	87	.6	.39	4.5
STANDARD DS2	14.40	125.62	31.28	156.6	268	35.5	11.5	811	3.06	57.7	18.5	202.5	3.7	28.7	10.02	10.04	10.42	76	.54	.088	15.8	166.4	.60	157.6	.097	<3	1.75	.031	.18	6	9	1.85	240	2.2	1.85	6.1

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT S140 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 11 2000 DATE REPORT MAILED: Sept 20/00 SIGNED BY C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data 1/1 FA


TOUT LAKE
NADINA LAKE
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R-2
R-3
R-4
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TOUT LAKE TARGET
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BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM

B. TECHNICAL REPORT

Name: Shawn Turford Ref #: P21 2000/01

LOCATION/COMMODITIES-

Project Area: Chelaslie area Ass. report #: 3810, 3254, 4403, 4610 9653, 10323 & 22535
Location of Area NTS: 93F 5/E Lat: 53 28 Long: 125 32 to 52 and area
Description of location & access: Travel by truck and trailer from Francois Lake to West Frasers barge site on Ootsa lake then Southeast onto Table Top Mountain road, then onto Jim Boots road prospecting all side roads and old 'WT" claims. Also travelling further East to prospect Old "Bull" claims and new logging roads and blocks in area. Also prospected were roads to the Western side of the Chelaslie main, North of Chelaslie river, including the C-10 block and old "JR" claims.
Main Commodities Searched for: Cu, Au, Ag.

Known Mineral Occurrences in Project Area: Skarn associated plutons Chess (EXO) claims WT and Bull claims

WORK PERFORMED-

1.Conventional prosp. prospecting logging roads andblocks also silting creeks in all areas of interest. Also restaking "WT" claims. Now "Lucy"claims.
2.Geological Mapping as per map sheet
3.Geochemical 58 rock and silt samples
4.Geophysical nil
5.Physical Work nil
6.Drilling nil
7.Other

SIGNIFICANT RESULTS-

Commodities Cu, Ag & Au Claim Name: Lucy 1 to 4 inclusive
Location/Lat: 53 28 Long: 125 32 Elevation:

Best assay/sample type: Quartz diorite; Skarn; sample # 61932-Cu 2079 ppm
Description of mineralization, host rocks, anomalies:

Prospected all three known Plutons in the area. I had three main targets in my Chelaslie project plus roads and log blocks.
The "WT" target (claims) were prospected and samples taken in the

Skarn zone (quartz diorite). Staking was carried out but results of the assays when returned, turned out to be very poor. We expected them to be much better. A large quartz diorite outcrop was investigated to the West but no sulphides were found.

The "Bull or Precious Metals" target (claims) were also prospected and samples were taken. Host rocks are rhyolitic and andesitic volcanics with minor epiclastic sediments, intruded by rhyolite dikes which are in turn cut by diabase dikes. There was a quartz vien stockwork and a breccia zone, hosted in mafic tuff and breccia's. Assessment report #4610 discussed an anomalous zone that was not properly prospected to the Northwest. We searched the whole area but were unable to find any outcrop in this "anomalous" zone that would assist us in up grading the property even with the new logging that took place.

The "JR" target (skarn) area (old JR claims) which was Northwest of the Chelaslie river pluton, was prospected. The rocks appeared to be too "cold" as minor pyrite and iron staining were noted but no other sulphides were present. A few samples were taken but poor assays were recieved as expected.

The East Jim Smith road was also prospected with multiple outcropping of breccia's and sediments but no suphides were noted.

The C-10 block and roads were prospected. The South side of C-10 block exposed 3 skarn outcrops. Skarn #2 assays revieled some elevated Cu, Ag & Au numbers but nothing of great significance.

The "pluton" I saw from the aircraft was investigated but it turned out to be a bleached white tuff and rhyolite rock quarry with a darker sediment, conglomerate, parallelling the West side. No sulphides were seen or sampled.

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001925 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: [redacted] JR TARGET

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61935 JR.	1.10	33.97	6.44	53.3	52	11.0	11.7	1165	3.71	59.5	.4	.5	1.6	326.3	.09	1.35	.84	58	1.54	.082	2.7	14.0	1.57	113.9	.125	5	4.07	.153	.13	.8	.06	9	3.2	.50	5.9
61936	2.16	27.86	12.70	177.5	55	13.0	12.5	191	2.74	15.0	.4	.7	2.2	88.3	.42	1.03	3.13	17	.26	.077	2.7	10.6	.14	57.2	.053	4	.72	.010	.24	1.7	.15	87	4.3	.76	1.3
61937	7.79	27.66	15.62	110.7	248	8.9	9.1	873	3.21	31.0	.5	1.1	2.3	627.7	.21	1.55	8.24	38	1.41	.142	6.3	9.6	1.01	126.5	.094	4	1.77	.065	.23	1.1	.17	29	5.2	.88	3.5
61938	1.80	32.98	9.21	56.8	91	10.0	11.6	950	3.79	12.8	.3	.4	1.7	291.5	.06	1.14	.50	61	2.80	.090	1.6	22.4	1.50	121.5	.102	2	6.01	.633	.07	.6	.07	34	3.1	.36	7.6
61939	1.55	36.15	9.69	65.3	211	12.6	13.6	910	3.59	5.7	.4	.3	1.4	212.5	.10	1.47	.38	69	.96	.084	5.3	19.0	1.60	118.8	.096	2	2.73	.054	.10	.7	.08	9	4.8	.94	5.4
61940	1.89	41.26	7.89	38.8	57	11.0	15.1	237	4.99	8.1	.8	1.1	3.5	22.8	.06	.35	.02	51	.28	.108	3.6	7.4	.43	64.8	.193	4	1.15	.027	.24	1.0	.11	42	1.6	.02	2.9
RE 61940	1.85	38.95	7.88	33.5	55	11.0	15.1	236	4.94	8.1	.8	.8	3.5	23.6	.06	.34	.02	50	.28	.107	3.5	7.2	.42	60.6	.191	3	1.12	.025	.25	1.0	.11	33	1.7	<.02	2.9
STANDARD DS2	14.28	132.00	32.79	163.3	263	37.3	12.3	846	3.11	61.4	16.8	193.4	3.6	26.4	10.10	9.11	10.75	74	.53	.091	15.1	159.7	.61	150.9	.091	3	1.70	.031	.16	7.0	1.79	234	2.3	1.79	5.9

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 20 2000 DATE REPORT MAILED: July 4/00 SIGNED BY: C. [illegible] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

B

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001925 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61935	12.82	<.1	.25	.17	4.4	3.8	.5	3.41	<.05	7.5	4.64	6.2	.02	<1	.5	57.4	30
61936	6.71	<.1	.21	.14	8.5	2.2	.4	3.47	<.05	7.3	3.82	5.3	.02	<1	.2	5.4	30
61937	8.76	.1	.21	.21	8.9	5.2	.6	2.11	<.05	6.5	4.49	10.1	.02	<1	.5	44.3	30
61938	76.65	.1	.12	.05	2.4	3.7	.4	3.50	<.05	3.0	3.84	4.4	.02	5	.6	99.2	30
61939	6.27	.1	.24	.11	5.0	3.6	.5	3.29	<.05	7.3	5.76	11.7	<.02	<1	.4	83.0	30
61940	9.58	.1	.31	.35	10.0	5.7	.4	4.51	<.05	8.9	5.64	7.6	.02	<1	.4	10.4	30
RE 61940	9.51	.1	.30	.35	10.0	5.7	.4	4.39	<.05	8.5	5.59	7.6	.02	<1	.2	10.6	30
STANDARD DS2	3.05	.1	.04	1.44	12.5	2.8	26.2	.04	<.05	2.6	7.73	28.6	5.35	<1	.5	15.2	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 20 2000 **DATE REPORT MAILED:** July 4/00 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data F FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

C-10 Bulk

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001926

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

JR TARGET

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61903	4.59	8.69	15.60	46.4	89	6.4	16.1	412	3.74	33.7	<.1	6.6	.4	251.2	.17	.48	.89	109	2.89	.123	2.6	13.9	1.28	103.0	.118	4	5.19	.484	.89	1.3	.59	10	8.4	.26	12.1
61904 -#1 SKARN	1.51	35.47	6.01	54.9	69	168.9	74.2	492	6.65	6.9	<.1	1.7	.5	28.2	.07	.25	.68	12	.53	.312	4.1	11.7	.98	49.2	<.001	1	1.76	.041	.15	.7	.15	11	4.0	2.16	3.5
61905 " "	.80	27.41	5.93	21.8	81	7.0	4.2	157	4.14	2.4	<.1	1.1	1.2	27.7	.02	.18	.14	8	.05	.046	6.0	6.2	.70	40.9	<.001	1	1.31	.026	.24	.3	.08	9	2.3	1.41	3.4
61906 " "	1.30	50.87	7.32	64.1	150	5.7	10.1	308	2.23	21.0	.4	1.7	5.9	27.8	.20	.80	.11	73	.74	.061	3.5	14.8	.92	31.2	.143	1	1.34	.077	.11	2.4	.07	<5	.5	.07	4.9
61907 " "	1.24	45.85	5.84	154.5	84	45.6	26.5	863	5.83	4.6	<.1	2.1	.3	188.7	.39	.47	.08	10	.66	.152	2.2	7.8	1.07	42.5	<.001	1	2.66	.104	.09	.5	.11	23	5.0	1.76	5.3
61908	1.85	46.65	7.76	55.7	81	49.2	30.3	758	6.36	4.4	<.1	1.8	.5	35.3	.21	.44	.10	41	.65	.108	4.5	38.7	1.25	47.8	<.001	1	2.00	.062	.15	.7	.12	19	5.2	2.06	4.5
61909 #2-SKARN	1.59	1159.16	477.92	398.8	14316	5.7	4.8	665	8.62	101.4	.5	8.5	3.4	2.4	1.54	1.15	13.31	26	.16	.081	5.8	9.7	.44	40.4	.009	4	1.60	.005	.31	2.3	.31	10	2.3	.26	4.1
61910	6.30	580.02	124.91	360.1	4127	12.5	32.0	1008	10.03	199.9	.8	12.0	3.9	2.4	1.16	1.24	10.98	39	.20	.080	4.1	15.0	.74	42.7	.054	2	1.89	.004	.39	2.7	.41	5	2.7	1.60	4.9
61911	16.16	56.94	6.52	12.4	586	2.2	1.9	246	4.30	27.7	.2	1.0	.4	46.6	.08	2.51	1.71	40	.72	.048	.7	9.6	.12	8.2	.175	7	.67	.004	.07	1.8	.09	10	1.8	.22	3.1
61912	3.09	15.65	7.60	37.6	89	3.2	1.5	413	.86	3.1	.2	2.9	.3	35.8	.18	1.44	.31	22	1.13	.003	1.2	23.9	.21	10.5	.113	4	.68	.016	.02	3.7	<.02	7	<.1	.04	2.1
RE 61912	3.02	15.07	7.63	36.2	90	3.0	1.5	403	.83	2.9	.2	2.1	.3	32.9	.15	1.38	.29	21	1.07	.003	1.1	21.5	.21	10.4	.107	3	.64	.017	.02	3.6	<.02	8	<.1	.04	2.0
61913	1.67	230.21	227.83	445.3	2746	5.1	3.8	993	5.96	54.0	.7	2.2	2.7	15.3	.94	.65	3.32	73	.63	.074	2.6	14.7	.99	52.1	.118	2	2.76	.024	.39	1.5	.36	11	.7	.09	6.6
61914	21.09	1886.19	46.81	318.4	11203	13.1	57.0	1419	22.08	180.5	1.3	25.2	2.1	3.0	.41	.71	6.67	109	.23	.077	3.3	8.9	.80	14.6	.079	16	3.67	.002	.21	2.1	.29	<5	5.3	1.51	10.4
61915	1.08	81.05	24.42	86.4	609	5.7	9.0	311	3.00	36.5	.7	2.4	5.4	16.5	.36	1.04	1.15	69	.51	.062	6.7	13.1	.94	43.0	.124	2	1.49	.101	.20	2.0	.21	9	.5	.10	6.0
61916	3.07	389.86	664.94	369.6	10372	5.4	1.9	916	4.23	183.3	.9	21.1	5.5	3.1	1.53	1.21	12.21	21	.18	.071	2.5	12.9	.59	60.7	.043	1	1.66	.007	.55	2.8	.48	6	1.2	.21	3.7
61917 SKARN #3	1.30	28.84	10.27	20.6	145	2.2	6.1	122	1.44	5.5	.2	6.8	.7	15.6	.15	.55	.10	27	.53	.127	7.3	6.6	.19	16.0	.077	2	.42	.051	.06	1.6	.02	6	.6	.05	1.9
61918	1.64	27.28	13.23	44.7	236	2.8	3.6	124	1.10	12.7	.2	3.0	.9	128.2	.26	.43	.32	16	3.16	.110	6.5	11.3	.13	31.8	.076	6	4.53	.482	.07	1.5	.03	6	.4	.05	10.0
61919	2.06	53.36	14.34	44.2	252	2.8	10.2	231	3.63	9.2	.2	1.4	.8	11.1	.23	.45	.25	87	.52	.146	5.9	9.3	1.27	71.9	.221	1	1.40	.046	.26	1.6	.13	6	1.7	.10	5.1
61920	1.89	153.56	10.53	54.7	407	7.2	40.3	93	4.41	6.4	.4	3.5	1.6	11.9	.20	2.31	.39	44	.26	.021	3.9	8.8	.41	18.7	.132	<1	.73	.026	.19	2.1	.12	8	1.9	.25	2.8
STANDARD DS2	14.28	132.00	32.79	163.3	263	37.3	12.3	846	3.11	61.4	16.8	193.4	3.6	26.4	10.10	9.11	10.75	74	.53	.091	15.1	159.7	.61	150.9	.091	3	1.70	.031	.16	7.0	1.79	234	2.3	1.79	5.9

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 20 2000 DATE REPORT MAILED: July 4/00 SIGNED BY C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001926 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61903	6.59	.1	.04	.04	50.1	5.8	.7	3.05	<.05	.9	6.58	5.7	<.02	<1	.8	31.6	30
61904	1.38	.1	.02	.03	5.7	1.0	<.1	7.29	<.05	.9	7.49	8.4	<.02	5	.6	16.9	30
61905	1.46	<.1	<.02	<.02	5.7	.7	<.1	1.15	<.05	.3	1.18	11.2	<.02	<1	.2	8.2	30
61906	1.36	.1	.03	.12	6.8	2.9	.6	.34	<.05	.8	4.75	6.1	.03	1	.1	14.0	30
61907	2.68	.1	.04	<.02	4.3	.9	<.1	7.44	<.05	.3	5.64	5.2	.06	<1	.4	33.7	30
61908	2.02	.1	<.02	<.02	7.2	1.7	<.1	8.80	<.05	.2	7.86	6.3	.06	<1	.3	20.2	30
61909	3.89	.1	<.02	.03	20.5	2.0	2.1	7.96	<.05	.4	5.28	11.5	.33	1	.2	41.9	30
61910	5.25	.1	<.02	.21	27.2	2.5	3.1	9.99	<.05	.5	8.40	9.4	.21	11	.3	55.8	30
61911	.63	.2	.16	.21	1.7	2.3	1.2	.48	<.05	4.1	1.89	1.7	.12	11	.2	.9	30
61912	.79	.2	.21	.15	1.1	1.6	.8	.03	<.05	5.1	4.85	3.0	.08	2	.1	2.5	30
RE 61912	.78	.1	.20	.14	1.1	1.5	.7	.05	<.05	4.9	4.47	2.9	.07	2	.1	2.4	30
61913	8.53	.1	.02	.15	29.0	4.9	4.3	2.66	<.05	.3	5.57	5.7	.24	1	.4	68.7	30
61914	2.87	.3	.02	.21	19.2	5.6	7.5	13.40	<.05	.6	12.50	7.3	.76	1	.4	93.0	30
61915	1.90	.2	.03	.20	16.2	4.0	1.1	1.59	<.05	.5	6.51	11.9	.07	2	.1	27.9	30
61916	3.98	.1	<.02	.05	35.7	1.4	1.8	3.29	<.05	.2	3.69	4.9	.15	1	.2	35.7	30
61917	.30	.1	.11	.23	1.7	.9	.2	.60	<.05	2.0	7.31	12.2	.02	2	.1	4.9	30
61918	1.76	<.1	.19	.13	2.2	.8	.3	.72	<.05	4.7	5.99	10.5	<.02	2	.5	6.3	30
61919	1.44	.2	.03	.09	12.6	7.4	.3	1.60	<.05	.5	11.19	11.3	<.02	6	.1	35.8	30
61920	1.08	.1	.22	.22	7.2	2.8	.5	4.07	<.05	3.4	9.72	8.7	<.02	8	.2	14.3	30
STANDARD DS2	3.05	.1	.04	1.44	12.5	2.8	26.2	.04	<.05	2.6	7.73	28.6	5.35	<1	.5	15.2	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 20 2000 DATE REPORT MAILED: July 4/00 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE.

JR TARGET

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A003029 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
STD S-1	.98	29.90	9.10	50.6	48	12.1	12.4	453	4.00	1.9	.6	1.3	2.6	46.8	.08	.10	.14	152	.46	.043	11.5	40.1	.53	83.8	.371	1	3.98	.113	.06	<.2	.13	40	.4	.07	10.3
JR-R1	4.47	94.50	5.85	19.4	295	15.8	36.4	377	6.30	3.5	.5	5.0	.4	54.2	.02	1.05	.50	51	.80	.094	2.6	7.4	.65	86.0	.087	<1	1.69	.170	.15	.7	.07	<5	.3	.06	4.4
JR-R2	7.83	4277.85	4.88	308.3	7555	14.1	17.2	2066	8.32	1.9	4.9	9.1	.5	4.5	3.01	.31	3.14	71	1.89	.080	2.5	15.8	.14	2.7	052	<1	.80	.013	01	892.9	<.02	344	10.6	.55	5.6
RE JR-R2	7.93	4291.86	4.99	311.0	7643	14.3	17.7	2135	8.34	1.9	5.2	9.4	.5	4.4	3.08	.33	3.23	73	1.96	.082	2.6	15.8	.14	2.3	.053	<1	.82	.014	.01	915.6	<.02	340	10.7	.55	5.8
STANDARD DS2	13.86	127.62	32.29	156.0	260	35.2	11.9	818	3.05	61.7	19.3	190.7	3.5	27.7	10.29	9.71	10.75	74	.52	.087	16.3	161.4	.59	146.7	.090	2	1.66	.030	.17	7.3	1.82	226	2.3	1.81	5.9

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 40C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 16 2000 DATE REPORT MAILED: Aug 30/00 SIGNED BY: C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

602T002

61938
61939
61935
61936
61937

JR TARGET
61940

SKARN #1
61903
61904
61905
61906
61907
61908

SKARN #3
61917
61918
61919
61920

61909 SKARN #2
61910
61911
61912
C-10 BLOCK

61913
61914
Pluton
61915
61916

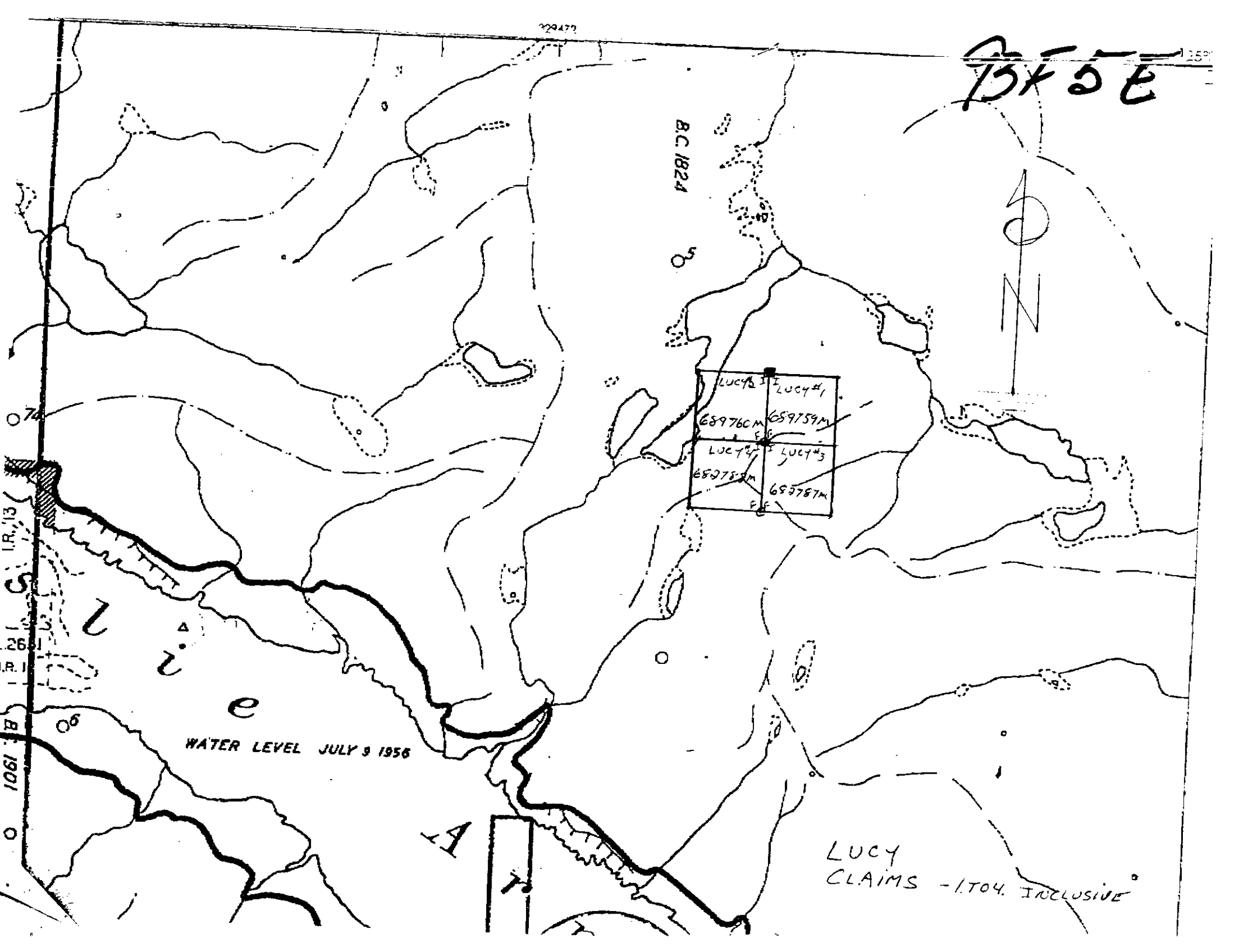
61943

JR-R1
JR-R2

02G002

SCALE 1:75,000
JR TARGET

602G003


15F5E
B.C. 1821
LUCY #2
LUCY #1
689760M
689759M
LUCY #4
LUCY #3
689785M
689787M
I.R. 13
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1061
WATER LEVEL JULY 9 1956
LUCY
CLAIMS - 1 TO 4 INCLUSIVE

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

WT TARGET (a)

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001929

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61926 wt/lucy	5.40	281.39	3.23	90.7	675	26.0	16.1	1113	4.28	4.0	1.1	.7	6.2	31.1	.22	.17	.48	120	1.08	.155	14.5	64.2	1.44	81.5	.221	<1	1.79	.084	.49	1.8	.36	13	.3	.02	10.3
61927	4.80	323.70	1.63	53.1	637	24.5	12.7	498	5.21	2.7	.9	3.1	4.3	28.0	.04	.06	.37	154	.52	.165	11.2	78.2	2.24	162.7	.352	<1	2.28	.091	1.50	29.8	1.18	16	.5	.14	13.1
61928	5.34	20.21	4.72	22.2	150	17.9	22.2	192	7.12	5.7	1.8	22.3	17.6	35.0	.01	.18	13.13	61	.44	.103	4.0	24.1	.93	29.7	.126	<1	1.28	.052	.12	2.3	.13	<5	1.9	13.36	7.7
61929	9.04	181.73	2.50	37.4	340	34.2	19.5	266	3.84	5.0	1.0	1.4	4.3	35.9	.06	.22	2.17	114	.79	.189	10.7	57.5	1.38	112.8	.219	<1	1.45	.072	.50	1.8	.35	<5	.8	.35	6.3
61930	42.05	1963.10	9.59	129.9	3466	43.9	29.3	464	8.24	4.3	1.5	6.0	4.1	24.7	1.05	.17	2.64	147	.58	.171	9.7	75.7	2.00	53.8	.289	<1	2.19	.075	.79	2.8	.86	<5	1.5	.56	12.7
61931	16.08	503.83	2.68	48.6	860	45.3	27.1	350	4.48	5.7	1.0	.8	3.1	112.8	.10	.20	1.84	112	1.08	.156	6.2	87.1	1.54	123.8	.226	<1	2.39	.160	.38	1.3	.39	<5	1.1	.27	10.2
61932	14.53	2007.42	3.38	105.1	7260	42.6	24.0	283	9.44	11.0	.9	4.5	4.5	49.1	.36	.20	9.34	109	.40	.160	8.3	71.8	1.71	35.0	.192	<1	1.80	.036	.24	164.6	.22	<5	4.3	2.61	12.7
RE 61932	15.45	2079.23	3.60	108.8	7616	44.9	25.3	299	9.77	11.5	1.0	5.1	4.6	48.4	.38	.22	8.91	114	.41	.166	8.9	74.4	1.77	36.6	.197	<1	1.86	.040	.25	179.9	.24	<5	4.6	2.29	13.1
61933	19.71	1299.80	3.87	74.9	3785	58.6	31.0	263	7.41	10.4	1.4	5.3	4.4	16.6	.26	.26	7.14	135	.50	.186	5.9	92.2	1.89	23.5	.132	<1	1.92	.033	.11	4.9	.12	<5	1.8	2.20	11.7
61934	9.51	1055.06	3.06	53.7	2016	64.0	35.0	200	5.85	7.4	1.0	7.7	1.7	52.7	.39	.67	5.19	81	.98	.102	6.1	29.9	.64	30.9	.121	1	1.58	.095	.13	3.2	.88	<5	3.3	1.58	7.1
STANDARD DS2	13.93	129.85	31.11	157.5	271	33.7	11.8	822	3.03	62.1	17.8	203.4	3.5	27.7	10.18	8.73	11.39	73	.52	.090	14.1	154.3	.59	148.2	.091	3	1.66	.029	.15	7.3	1.89	241	2.2	1.78	6.2

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 20 2000 **DATE REPORT MAILED:** June 30/00 **SIGNED BY.** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001929 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61926	3.35	.1	.13	.27	35.3	5.6	1.8	.24	<.05	3.1	9.54	32.1	.08	<1	.8	29.8	30
61927	6.51	.3	.05	.29	121.4	9.0	2.9	1.55	<.05	1.1	6.16	21.7	.06	<1	.2	28.3	30
61928	.77	.1	.13	.35	9.5	2.5	.7	5.62	<.05	4.2	2.34	7.5	<.02	<1	.3	16.5	30
61929	3.23	.1	.10	.19	36.1	3.5	1.1	1.24	<.05	2.3	8.22	22.3	.04	2	.2	25.0	30
61930	3.42	.2	.11	.41	64.1	8.1	2.1	6.19	<.05	2.5	7.49	19.1	.27	13	.2	32.7	30
61931	4.64	.1	.11	.13	30.5	3.5	1.2	1.32	<.05	3.3	5.25	13.7	.08	19	.2	35.8	30
61932	2.18	.3	.10	.19	21.3	4.0	1.2	4.05	<.05	2.1	3.63	15.2	.12	3	.2	31.9	30
RE 61932	2.30	.3	.11	.23	22.1	4.5	1.3	4.27	<.05	2.4	3.67	16.5	.13	4	.1	35.1	30
61933	.91	.2	.16	.22	9.8	7.7	1.0	4.43	<.05	3.5	7.30	12.2	.15	9	.2	49.1	30
61934	2.26	.2	.28	.12	14.0	3.6	3.3	4.26	<.05	8.7	8.62	11.9	.15	18	.3	19.5	30
STANDARD DS2	2.98	.1	.05	1.45	12.4	2.8	26.7	.01	<.05	3.2	8.00	28.6	5.38	<1	.5	15.8	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 20 2000 DATE REPORT MAILED: June 30/00 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE WT TARGET Silt

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001930 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe Lucy

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
61942	12.36	124.41	15.79	57.5	2523	24.0	10.0	1521	2.66	6.6	8.3	5.3	1.0	151.5	.67	.97	.19	46	2.46	.134	23.6	29.8	.46	195.4	.047	5	2.50	.011	.12	<.2	.11	138	1.4	.04	5.8

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT

DATE RECEIVED: JUN 20 2000 DATE REPORT MAILED: July 5/00 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELASLIE File # A001930 (b)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
61942	2.21	<.1	.08	2.04	13.4	4.1	.6	.18	<.05	4.0	24.00	35.1	.03	9	.8	22.7	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -140 SILT

DATE RECEIVED: JUN 20 2000 **DATE REPORT MAILED:** July 5/00 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

BULL TARGET

Hudson Bay Expl. & Dev. Co. Ltd, PROJECT CHELASLIE File # A003234 (a)

800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Ralph Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
191	2.05	28.99	2.19	35.6	190	5.1	15.4	261	2.58	2.0	<1	6.4	.3	18.8	.01	.41	.23	88	.33	.060	2.6	9.1	.72	56.5	.099	1	1.15	.087	.14	2.1	.05	<5	.6	.12	6.6
185	5.23	7.97	56.82	12.6	1550	8.2	1.7	39	1.90	71.2	<.1	18.7	<.1	6.0	.07	3.46	.87	5	.05	.006	<.5	21.9	.01	38.4	.001	2	.17	.020	.16	1.3	.24	11	.8	<.02	.7
189	.98	4.95	84.83	12.8	1142	5.2	.6	57	1.84	70.1	<.1	8.8	<.1	4.5	.03	4.51	.27	6	.02	.009	.8	20.7	.01	258.2	.001	2	.14	.004	.19	5.5	.25	23	.5	<.02	.6
184	5.02	72.51	9331.71	99.9	93999	13.2	1	42	3.21	368.2	<.1	92.0	<.1	8.6	.10	99.05	.57	9	.01	.009	<.5	43.6	<.01	51.8	.003	2	.14	.006	.16	1.0	.27	81	6.4	.17	.9
187	1.55	11.22	99.39	152.1	3280	5.5	.7	148	2.78	144.1	<1	47.1	<.1	5.8	.49	5.39	.39	7	.02	.007	.9	21.0	.01	97.0	.010	1	.20	.006	.18	6.1	.19	18	.6	<.02	1.0
183	7.85	8.44	411.07	14.0	7638	12.0	.4	117	1.30	412.7	<.1	195.6	<.1	5.7	.02	10.53	.66	3	.02	.006	<.5	31.3	.01	26.5	.002	1	.11	.007	.13	2.0	.25	16	1.5	.09	.6
186	.78	104.03	1198.42	831.8	10389	3.4	5.1	1266	1.87	128.9	<.1	38.3	.3	8.1	3.01	6.19	.13	13	.07	.045	2.6	10.2	.09	35.5	.069	2	.46	.009	.32	5.7	.24	19	.6	.06	1.5
188	5.62	11.50	312.12	109.1	3037	7.5	1.9	338	4.36	247.9	<.1	71.3	.2	21.8	.25	4.39	.41	28	.04	.033	2.4	16.3	.17	290.3	.005	2	.63	.017	.29	.8	.39	49	1.1	.02	4.1
182	3.68	9.65	110.46	20.9	1936	4.8	.6	59	1.63	111.2	<.1	54.3	<.1	6.3	.06	3.78	.24	5	.04	.008	7	19.0	.01	37.6	.004	2	.19	.004	.17	5.9	.16	18	1.3	.07	.9
STD S-1	97	31.32	7.61	52.2	46	12.6	12.6	460	3.92	2.1	.6	1.0	2.6	46.5	.07	.08	.14	161	.45	.042	11.3	40.1	.52	88.0	.381	1	4.13	.120	.06	.2	.13	38	5	.09	10.5
1C4	8.60	7.81	28.17	50.7	169	6.1	2.8	131	3.10	161.1	.4	2.0	2.0	15.0	.10	2.05	.43	12	.26	.099	6.3	19.4	.06	19.4	.050	1	.60	.094	.08	1.1	.12	7	.3	.09	4.6
RE 1C4	8.91	7.98	28.38	51.0	157	7.0	2.8	129	3.04	153.7	.4	1.8	2.0	14.9	.10	2.10	.43	12	.26	.099	6.7	17.9	.06	19.2	.054	1	.59	.098	.09	1.2	.13	<5	.4	.05	4.7
1D1	.63	1.44	5.06	31.9	8	1.9	.4	104	.76	.7	1.3	.6	5.3	12.1	.02	.06	.07	2	.10	.018	25.2	7.0	.03	111.1	.015	<1	.42	.072	.13	.8	.02	<5	<.1	<.02	1.5
1C2	8.69	13.02	18.96	91.2	157	5.8	2.8	283	3.39	59.7	.2	.8	1.8	13.9	.15	2.83	.46	11	.29	.105	7.9	16.2	.13	24.4	.062	1	.84	.092	.11	1.0	.21	9	.3	.03	6.4
1D2	.92	2.05	4.05	42.6	16	1.5	.4	451	.99	.5	1.5	<.2	5.8	13.5	.03	.05	.05	3	.10	.014	26.8	5.6	.04	138.4	.012	<1	.49	.061	.11	.5	.03	<5	<.1	<.02	1.8
1C3	23.43	11.31	19.08	51.9	180	5.2	2.0	157	3.19	90.1	.7	1.8	1.8	14.1	.13	2.62	.49	24	.21	.090	4.3	15.2	.06	16.6	.071	1	.62	.085	.06	1.3	.17	7	4	.05	5.1
1E1	49.48	42.78	6.56	16.6	710	2.7	4.0	451	3.92	75.3	.6	19.8	2.2	19.8	<.01	1.15	.69	26	.26	100	14.5	10.7	.14	30.8	.020	1	.94	.053	.15	3.1	.21	12	.7	.30	6.4
1C1	9.54	10.79	41.73	34.5	152	6.2	3.6	136	3.02	179.3	.3	1.1	1.6	13.0	.05	1.77	.44	11	.27	.093	6.9	21.0	.08	21.4	.039	1	.54	.098	.08	1.4	.18	<5	.2	.05	3.6
STANDARD DS2	14.13	127.82	30.33	154.3	270	34.7	11.6	816	3.03	56.2	19.1	184.1	3.4	25.9	10.65	9.75	10.93	75	.50	.088	14.7	156.7	.58	149.9	.087	2	1.63	.027	.15	7.9	1.82	229	2.2	1.90	5.9

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 28 2000 DATE REPORT MAILED: Sept 8/00 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date ___ FA

(ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT CHELAILIE File # A003235 (a)

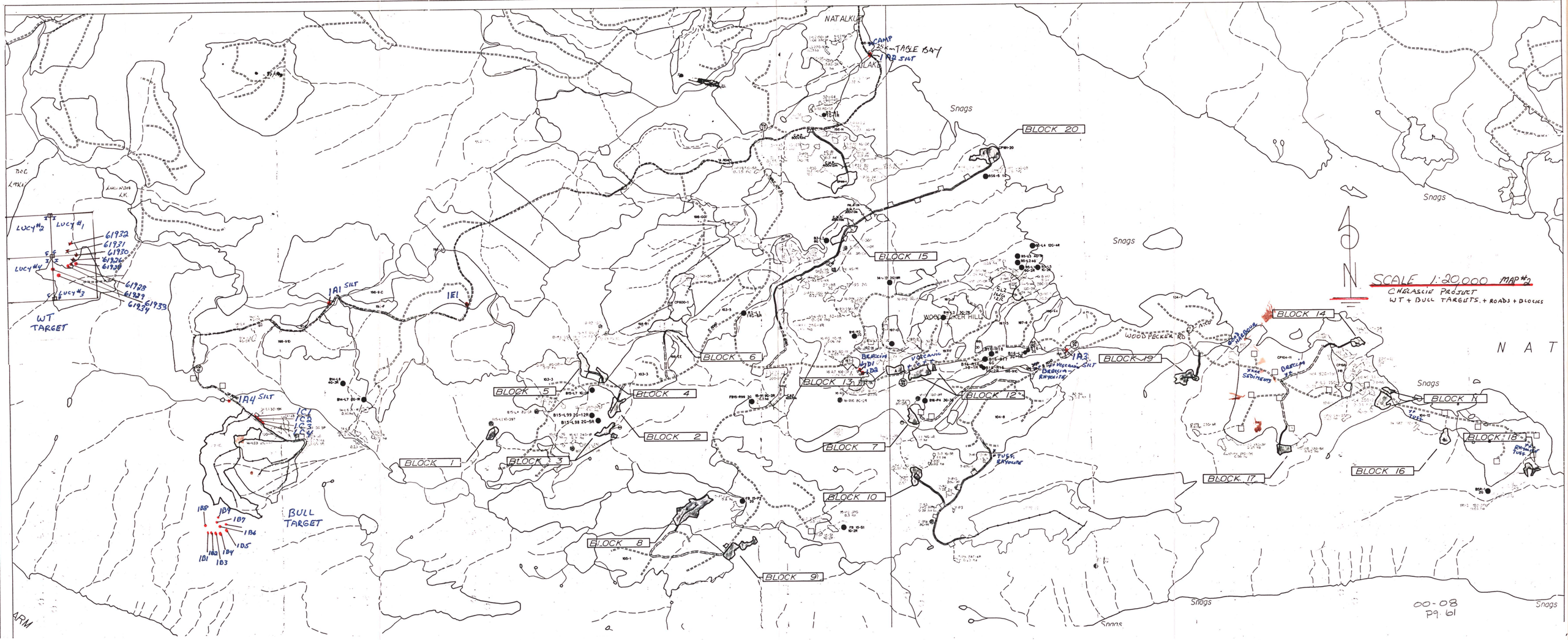
800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Kelth Keefe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
1A2	2.32	21.05	12.66	70.0	108	14.4	11.3	2605	2.64	5.5	1.4	.8	1.9	51.8	.16	.26	.18	63	.75	099	14.9	29.2	.44	146.2	.078	1	1.27	.017	.07	.3	.09	35	.3	.04	4.4
1A4	6.55	66.10	11.39	47.2	809	19.7	6.7	1665	2.13	14.2	14.9	5.9	.6	135.3	.71	1.11	.19	41	3.00	.154	40.1	19.8	.29	216.6	.024	2	1.76	.012	.09	.4	.16	164	2.6	.07	4.4
1A1	1.56	21.21	11.53	52.4	102	13.9	8.9	1130	2.57	6.7	1.1	1.8	2.4	52.3	.12	.43	.16	59	.60	084	19.2	26.6	.36	120.7	.072	1	.93	.013	.10	<.2	07	24	.3	.04	3.5
1A3	3.56	16.97	9.22	64.5	127	15.4	8.4	6285	3.48	11.9	2.6	1.8	1.0	157.0	.24	.38	.19	57	1.48	.124	24.1	24.8	.31	372.4	.039	2	1.33	.028	.09	2	.18	70	.8	.07	3.9
1A5	1.60	16.00	6.88	61.9	69	19.1	10.2	2235	2.82	6.3	.9	2.3	1.4	66.9	.13	.30	.09	52	.54	.091	17.5	25.5	.37	191.9	.043	<1	1.45	.013	.06	<.2	.07	42	.3	.03	4.2
RE 1A1	1.52	19.66	11.13	50.3	99	14.0	8.9	1087	2.50	6.7	1.1	3.1	2.2	49.8	.14	.42	.15	56	.56	.084	18.3	24.3	.35	114.7	.067	1	.88	.012	.09	<.2	.07	32	.3	.04	3.3
STD S-1	1.05	32.25	8.81	91.6	37	13.1	13.4	477	4.05	2.3	.6	1.5	3.0	47.7	.09	.09	.15	163	.48	.046	12.1	40.7	.54	89.3	.371	<1	4.15	.111	.06	.2	.14	32	.5	.05	11.4
STANDARD DS2	13.93	126.98	33.37	154.1	256	34.5	11.5	793	3.01	57.5	19.3	205.7	3.7	26.5	10.36	9.79	10.83	72	.50	.067	15.6	154.5	.57	153.3	.086	2	1.64	.027	.15	8.0	1.80	232	2.2	1.73	6.0

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT S140 40C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 28 2000 DATE REPORT MAILED: Sept 8/00 SIGNED BY: C.L. ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date FA


NAT ALKUL
CAMP
25K-TABLE BAY
TRP SILT
ALKUL
Snags
BLOCK 20
BLOCK 15
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BLOCK 16
BLOCK 18
BLOCK N
WOODPECKER HILL
WOODPECKER RD
LUCY #1
LUCY #2
LUCY #3
LUCY #4
61932
61931
61930
61926
61928
61929
61933
61934
WT TARGET
BULL TARGET
1A1 SILT
1E1
1A4 SILT
1A3
1B5
1B4
1B7
1B6
1B1
1B2
1B4
1B3
SCALE 1:20,000 MAP #2
CHILCACIN PROJECT
WT + BULL TARGETS, + ROADS + BLOCKS
N A T
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P9.61

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM

B. TECHNICAL REPORT

Name: Shawn Turford Ref #: P 21

LOCATION/COMMODITIES-

Project Area: 7 mile Minfile #: n/a
Location of Area NTS: 93 K 4/E Lat: 54 08 Long: 125 43

Description of location & access: hiway 35 by truck to 7 mile road, 19 to 23 km up 7 mile to new logging roads north and off 7 mile road.

Main Commodities Searched for: Mo. Cu.

Known Mineral Occurrences in Project Area: Endako mines located 15 miles east of area.

.....

WORK PERFORMED-

1.Conventional prosp. new logging and road const north of 7 mile road at 19-23 km.
2.Geological Mapping as per map sheet
3.Geochemical 3 samples were taken 2 rock 1 silt
4.Geophysical nil
5.Physical Work nil
6.Drilling nil
7.Other nil

.....

SIGNIFICANT RESULTS- nil

Commodities Claim Name:
Location/Lat: Long: Elevation:

Best assay/sample type:

Description of mineralization, host rocks, anomalies:

Mainly volcanic outcrops, predominately volcanic basalt and minor periodic volcanic andesite. Tuff was turned up in road construction, and contained a silvery grey mineral. I sampled two sites, and silted the one creek. I was also "breaking in" a new prospecting partner. Brent Turmel has done a fair amount of prospecting and staking in the past with various mining companies in southern B.C. and Ontario. He is quite excited to get back into an active roll. He plans to spend time with me this summerI

Pacific Natural Gas Line

Kerr Rd Alpine Rd

Bob Cat Rd

Peepeart Rd

Moose Rd

Hwy Rd

Canadian National Railway

Osatuk Rd

Bald Hill Rd

Six Mile Pit Rd

Tsaykut Lake East Rd

Priestly Rd

Pacific Natural Gas Line

CNR

Walker Rd

East Francois Rd

Hammarberg Rd

Wallace Rd

Church Cone Rd

Long Lake Rd

Coffan Rd

Campbell Rd

Binta Rd

VANDERHOOF
FOREST
DISTRICT

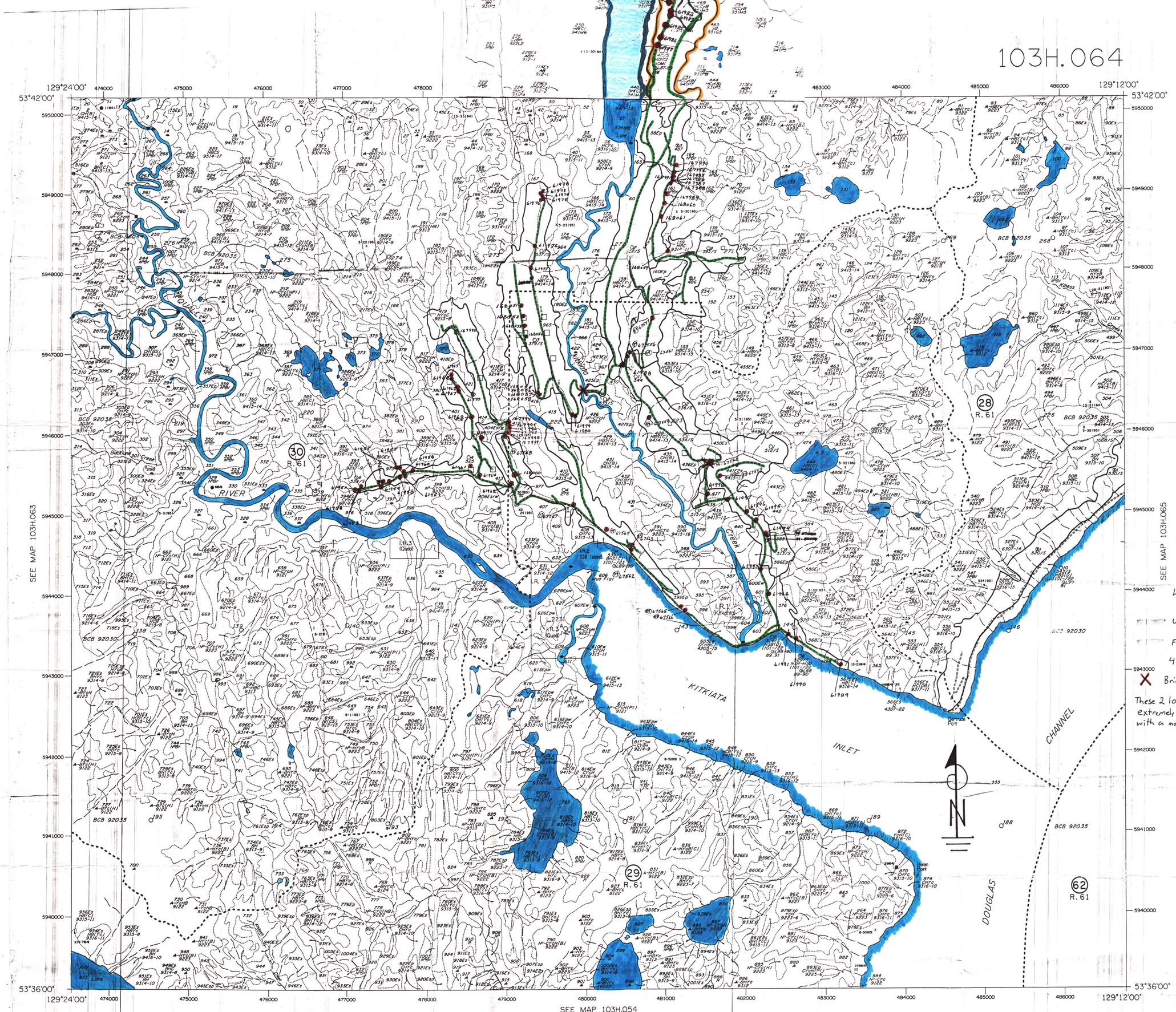
VANDERHOOF
FOREST
DISTRICT

N

SCALE 1:150,000

00-08
Pg. 63

103H.064



Legend

- Unknown
- Foot, possibly motorbike Access
- 4X4 access
- X Bridge removed

These 2 locations would be extremely difficult to pass with a motor bike.

THIS MAP HAS BEEN DIGITIZED BY INVENTORY BRANCH, MINISTRY OF FORESTS, NORTH AMERICAN DATUM 1983, DIGITAL BASE MAP FROM TERRAIN RESOURCE INFORMATION MANAGEMENT DIGITIZED BY SURVEYS AND RESOURCE MAPPING BRANCH, MINISTRY OF ENVIRONMENT, LANDS AND PARKS.

U.T.M. GRID ZONE 09 (1975)
BASE : PHOTOGRAMMETRIC
DIGITIZED BY: DDI DATE: JULY 1997
REVISED BY: DATE:

TIMBER SUPPLY AREA - NORTH COAST
OWNERSHIP STATUS - SEPT. 1996
LABELS PROJECTED TO - 1998
LAND DISTRICT - RANGE 4 COAST
F. C. DISTURBANCES UPDATED TO -OCT 1996

FOREST COVER MAP SERIES
0 500 1000 1500 Metres
SCALE 1:20 000
SERIAL : 103H064 1998-MAY-12 007

THE DATA PORTRAYED ON THIS MAP IS STORED IN DIGITAL FORM AND IS STRUCTURED TO SUPPORT THE ANALYTICAL FUNCTIONS OF THE FOREST RESOURCE INFORMATION SYSTEM.

PRODUCED BY
INVENTORY BRANCH
MINISTRY OF FORESTS
PROVINCE OF BRITISH COLUMBIA

103H.064

FOREST COVER MAP LEGEND

THIS IS NOT A LEGAL SURVEY MAP.

I. FOREST LAND

A. FOREST LAND (FORESTED)

SPECIES COMPOSITION
Species are listed in their order of predominance. Major Species are listed first, followed by minor species in brackets.

SPECIES SYMBOLS
The standard symbols for some species are abbreviated, e.g. Fd is shown as F, Cw is shown as C.

F - Douglas-fir	Pl - Lodgepole pine
C - Western red-cedar	Pj - Jack pine
H - Hemlock	Py - Yellow pine
B - Balsam (True fir)	L - Larch
S - Spruce	Ac - Cottonwood
Sb - Black spruce	D - Red alder
Yc - Yellow cedar	Mb - Broadleaf maple
Pw - Western white pine	E - Birch
Pa - Whitebark pine	At - Aspen
Pf - Limber pine	

EXAMPLE OF A FOREST COVER LABEL

O12 - SILVICULTURE SYMBOL AND OPENING NUMBER
123 - POLYGON NUMBER
Es2w - E.S.A. CATEGORY
L - MULTI-LAYER
A - QUALIFIER
Cf(SH) - SPECIES COMPOSITION
4 - AGE CLASS CODE
1 - HEIGHT CLASS CODE
0 - STOCKING CLASS CODE
0 - CROWN CLOSURE CLASS CODE
P6 - SITE INDEX
BTS or BLy - HISTORY SYMBOLS AND CODES
P80-81

AGE CLASS

CODE	LIMITS (years)
1	1 - 20
2	21 - 40
3	41 - 60
4	61 - 80
5	81 - 100
6	101 - 120
7	121 - 140
8	141 - 250
9	251 +

HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 28.4
4	28.5 - 37.4
5	37.5 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	64.5 +

STOCKING CLASS CODES

CODE	APPLIES TO	LIMITS
0	all immatures	N.A.
1	all mature	≥716/ ha, 27.5 cm+ dbh
2	all mature	<716/ ha, 27.5 cm+ dbh
3	mature, with leading species	≥331/ ha, 17.5 cm+ dbh, and ≥50% of stems 7.5 cm+ dbh, are ≥22.5 cm dbh
4	mature, with leading species	<331/ ha, 17.5 cm+ dbh, or ≥331/ ha, 17.5 cm+ dbh, and <50% of stems 7.5 cm+ dbh, are ≥22.5 cm dbh
P	all mature all immature	stands depleted 26-75% by area or volume

Subclass of 2 and 3

HISTORY RECORD OPENING NUMBER

O12	- opening number valid for BCGS mapsheet
012	- opening number valid for adjacent BCGS mapsheet
012	- opening number valid for NTS mapsheet
blank	- opening number has not been assigned

SITE INDEX
All SI are shown to the nearest meter, referenced at 50 years Breast Height Age.
SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, Estimated SI is shown after, or replaces the SI.

ESTIMATED SITE INDEX
SI is estimated when suitable SI trees are not present, e.g., NR, young stands (<30 years), stands released following suppression. It is denoted by a slash which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

CROWN CLOSURE CLASS

CODE	LIMITS Bar=overhead
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 95
10	96 - 100

HISTORY SYMBOLS

CLASS SYMBOL	CODE	HISTORY
Disturbance	B	Wildfire
	BC	Clearcut Burn
	BD	Ground Burn
	BP	Range Burn
	BW	Wildfire Burn
	D	Disease
	F	Flooding
	I	Insect
	K	Fume Kill
	L	Logging
	Lx	Logged,0.0< Incremental
	S	Site rehabilitation
	V	Slide
	W	Windthrow
Regeneration	A	Artificial Regeneration with year(s) of planting
Stand Tending	F	Fertilization
	H	Hack and squirt
	M	Juvenile spacing
	N	Release control
	P	Pruning
	R	Conifer release
	S	Stand tolerant cleaning
	T	Commercial thinning
	W	Brushing and weeding
Site Preparation	B	Broadcast burn
	C	Chemical
	G	Grass sow-ded
	H	Hand pile/ignition
	HB	Range management burn
	J	Pile/burn
	M	Mechanical
	MS	Mechanical and spot burn
	W	Windrow

MULTI-LAYER
L -Multi-layered stand (a separate description of each layer is available in the data base, i.e., 1, 2)
V -Veteran component
S -A separate silviculture description is available in the data base

ENVIRONMENTALLY SENSITIVE AREA (E.S.A.) CATEGORIES

E.S.A. CLASS	E.S.A. CATEGORY	E.S.A. DESCRIPTION
	Ee	Extremely fragile or unstable soils
	Ep	Severe regeneration problems caused by geoclimatic factors
	Eg	Severe snow chute and avalanche problems
	Ef	Exceptionally high harvested values
	Ew	Of critical importance to wildlife (with or without species)
	Eh	Very high water values and extreme sensitivity to harvesting
High	Es1	Significantly fragile or unstable soils but less than those for Es
	Es2	Severe regeneration problems caused by biotic factors
	Es3	High recreational values but less than those for Ef
Moderate	Es2w*	High value for wildlife but less than that for Es1 with or without species
	Es3h	Very high water values and high sensitivity but less sensitivity than Eh
	Es	Specific limitations (forest regeneration, snow avalanche areas, water, and operability) - used from 1973 to 1975 inclusive
Nil		Management practices on these lands are subject only to operational constraints consistent with the policies of the Forest Region.

* Important areas for grizzly bears along salmon-producing streams are identified by (Es2w).

QUALIFIERS { /A - Complex stand (all-aged, uneven-aged; /I - Inoperable

FISHERIES* CONSTRAINTS

SYMBOL	STREAM VALUE TO FISH AND STREAM SENSITIVITY TO HARVESTING
▲	Nil
●	Low
■	Moderate
◆	High

NOTE: Absence of Fisheries Symbols indicates information is not available.

B. FOREST LAND (NON-FORESTED)

NSR -Not satisfactorily restocked (with or without species)
NCBr -Non-commercial brush (with or without non-commercial species)
NC -Non-commercial (with species)

C. FOREST LAND (NON-PRODUCTIVE)

A plus Forest description -
NP plus Forest description -

Ew Of critical importance to wildlife (with or without species)

II. NON-FOREST LAND

A -Alpine
R -Rock
I -Ice
NP -Non-productive (with species)
Gb -Gravel/boulder bar
NPBr -Non-productive brush
NP -Miscellaneous non-productive

Note: Other categories of non-forest land are written in full, e.g. Clubmoss, Marshes, Grass Bar.

Sa -Swamp
C -Cultivated, cleared
U -Urban
OP -Open Range
M -Wild Hay Meadow

II. DATA SOURCES

- 0668 -Transparency ground sample, number (year), pre-1979
- 7798 -Permanent ground sample, number (year), pre-1980, est 1989
- 9697 -Permanent Silvicultural treated growth sample, 1980+
- 8736 -Volume and/or decay sample, pre-1979 and 1988+

* Important areas for grizzly bears along salmon-producing streams are identified by (Es2w).

- 18179 1 -Phase 1-70 mm sample
- 9682 1 -Phase 2-temporary paired sample, 1980-1988
- 7180 1 -Phase 3-Growth sample, 1980-1985
- 8179 1 -Phase 3-Cmty sample, 1979-1987
- 9186 1 -Phase 3-Growth sample, 1986-1988
- 5188 1 -Phase 3-Silvicultural treated growth sample, 1980-1988

A multi-phase sample is shown by combining any of the above tier symbols:
- 5187 -Phase 1, Phase 2, Phase 3, Growth and Decay samples
- 71801 -Intensive forestry institution
- 51651R -Rectangular growth sample
- Experimental plot installation Research
- 5-3(95) -Sample
- X 78131 -Air rail
- XG 868 -Ground observation w/measurements pre-1979
- XGO 13692 -Ground observation w/measurements 1979+
- XG 28483 -Ground rail with measurements
- XE 2-9677 -E.S.A. air rail
- XGE 50078 -E.S.A. ground rail
- XGR 10383 -Regeneration survey ground rail
- XGS 7869 -Ecological research ground sample
- XGC 2815 -Volution cruise plot
- XGF 19803 -Fiesp ground rail
- XL SI-035074 -70 mm photography (pre-1979
- XL66-261(1979) -70 mm photography 1979+)

IV. MAP LABEL DESCRIPTIONS

A separate forest cover attribute file is available for each mapsheet which shows individual polygon details. The history attributes show the year and type of activity associated with that polygon. Forest cover information is updated to the year shown in the map title block and matching attribute file.

EXAMPLES OF FOREST AND NON-FOREST MAP LABELS

9 / 1 / FC / 9416-19 / 9223
-Polygon 10 is a stand with F Douglas Fir and H Hemlock as the major species and C Western Red Cedar as the minor species. The stand is age class 9 (251+ yrs), height class 4 (28.5-37.4 m) stocking class 1, crown closure class 0 (scattered trees occupied by the canopy through vertical projection is 56-65%), and SI 19 metres.

2 / 2 / PL / 9222
-An alpine forest stand with H, Hemlock as the only species. The stand is age class 9 (251+ yrs), height class 2 (10.5-19.4 m), stocking class 2, and crown closure class 2. Note that SI is not shown for all classes of non-productive forest land.

3 / NSR / W4-7/15
-A non-commercial species of W. Willow with a crown closure rate 4, growing on a productive site, estimated SI 15 metres.

4 / 7SR/S / 1102-22 / GL97
-A not satisfactorily restocked stand by Silviculture Branch standards, but with a former stand of Red Alder, and an ESA description of extremely fragile or unstable soils. The stand is age class 1 (1-20 yrs), height class 2 (10-19.4 m) and has been logged in 1997. The polygon was logged in 1972.

5 / 62 / NSR / 30 / GL99
-A not satisfactorily restocked area on a productive site (estimated SI 30 metres), due to Slu, Re for SI reference species. The polygon was logged in 1978.

6 / 48 / GL97
-A non-productive site burned in 1971.

7 / 1 / 8E2M/L / 8E2M/L / 8E2M/L / 1-6/8-9
-A multi-layered stand (L) with an environmentally sensitive area classification of E2w (wildlife habitat) as one component. The most important layer is described as F Douglas Fir and Py Yellow Pine. The second age class 8 (141-250 yrs), height class 5 (37.5-46.4 m), stocking class R (residual), crown closure class 3 (26-35%), SI 13 metres and was selectively logged 60% in 1962.

8 / 9 / 31/96/13 / GL96-72
-A released stand of B Balsam, age class 3 (41-60 yrs), height class 1 (0-10.4 m), stocking class SL, crown closure class 4 (36-45%), SI 6 metres based on site and height followed by estimated SI 13 metres, and selectively logged 60% in 1996. The estimated SI represents the current rate of growth for a suppressed stand released after logging.

V. CARTOGRAPHIC SYMBOLS

- Timber Supply Area boundary
- Timber Supply Block boundary
- P.S.Y.U. boundary
- Forest Region boundary
- Forest District boundary
- Inventory Region boundary
- Inventory Compartment boundary
- Forest cover type line
- Opening boundary
- International boundary
- Interprovincial boundary
- Provincial Forest boundary
- Land District boundary
- Township boundary
- Municipal boundary
- Surveyed Lot
- Park/Reserve/Unsurveyed Lot
- BC 85116 -Flight line, photo centres
- Main road
- Secondary road
- Other e.g. logging, industrial, etc.
- Trail
- Railroad
- Ferry, ditch
- Pipe line
- Power line
- Mine
- Lookout
- Dam
- P.O. -Post office
- Forest Service office
- Fire Tree
- Site
- Log Landing

BRITISH COLUMBIA GEOGRAPHIC SYSTEM
Extract from a breakdown of the N.T.S. 1:250 000 sheet
e.g. 82M — 82M.048 — 1:20 000

WHEN ORDERING MAPS, SHOW
Index no., Alphabet letter, Sheet no. 1:20 000, 1:10 000
e.g. 82 — 048 — 4

082 | 083 | 084 | 085 | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 | 094 | 095 | 096 | 097 | 098 | 099 | 100
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SW | SE
001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | 010

082M.048.4 $10 000

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SEE MAP 103H.054

103H.064

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