BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	2001/2002
REPORT #:	PAP 01-42
NAME:	SHAWN TURFORD

D. TECHNICAL REPORT

SUMMARY OF RESULTS

Name: Shawn Turford Reference Number P -78

Location/Commodities
Project Area : Dani ; Located on Hawskbury Island Minfile: nil
Location of Project area: as above NTS 103 H-055/56/065
Lat.- 53 35' Long.- 129 01'

Description of Location and Access:

Access is by truck and tailored 24'boat from Francois Lake to MK marina, Kitimat. Then by boat to Cheens Creek on the South shore of Hawksbury Island Location of work was on logging roads, blocks and area around Cheens Creek. Also logging roads on the West Side of Kitsaway harbor.

Prospecting Assistant(s)

Ralph Keefe no explanation needed. Brain Remanda, 7 years prospecting with us on this project, took introductory prospecting coarse 1999. Daryn Remanda 3rd year prospecting with us on this project.

Main Commodities Searched for:

Massive Sulfide mineralization Au, Ag, Zn, Pb, Cu

Known Mineral Occurrences in Project Area:

The main mineral occurrence area located to the north such as Scotia, Ecstall, Packsack, Steelhead, Horsefly, etc.

WORK PERFORMED

1. Conventional Prospecting.... rock sampling and creek silting was undertaken. 54 samples altogether.
2. Geological Mapping..... Maps of rock and silt locations submitted at 1: 20,000.
3. Geophysical..... 54 Rock and silt samples taken.
5. Physical Work..... nil
6. Drilling (no. of holes, size, depth in m, total m).....nil
7. Other (specify)..... Staking and prospecting of Dani 1 to 4 in July 2001

D. TECHNICAL REPORTS (continued)

REPORT ON RESULTS

Name Shawn Turford Reference Number P-78

1. Location of Project Area ... DANI

Please see SUMMARY OF RESULTS, location is explained there.

2. PROGRAM OBJECTIVE (include original exploration target)

The program objective was to explore new logging roads on the south and east section of Hawkesbury Island for metavolcanics and metasediments to prove an extension of the Ecstall greenstone belt. In doing so, we were hoping to find VMS outcrops worthy of optioning.

3. Prospecting Results

My results were impressive as we did find a zone at the end of Cheens Creek logging road that produced some significant results (see assays). Four units, so far, covers the ground of interest and are recorded as the "DANI" claims. I had the area visited on September 8th by Dani Alldrick (no connection to claims), and Paul Wojdak. On the 10th of September, Paul and I had the company of Jim Pickel and David Cass of Hudson's Bay Exploration, visit along with my partner Ralph Keefe, to view the property. Also on October 11th Darrel Johnston of Hunter Dickinson Inc accompanied us on a site inspection. All were impressed but no one was interested in a grass roots prospect at this time. There was some discussion as to whether this was a true VMS property or not. No one is sure exactly what this outcropping is at this time. This property does have massive sulphide samples littered all over the south end outcrop, which was dug up by road construction equipment. More prospecting is needed to define the line of strike and the extent of the mineralized zone.

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Hunter Dickinson Inc.
Attention: Darrel Johnson
Project: DANI
Sample: rock

Report No : 1V0442 RJ
Date : Oct-25-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
101101	<0.2	3.44	<5	120	0.5	<5	1.73	<1	22	119	346	6.58	1.36	1.56	785	<2	0.17	39	1540	22	<5	4	<10	42	0.17	104	10	3	221	4
101102	<0.2	2.42	<5	200	<0.5	<5	1.70	<1	21	104	749	5.05	1.78	2.86	1155	<2	0.05	23	1460	16	<5	5	<10	29	0.21	155	10	3	284	3
101103	0.4	1.83	<5	320	<0.5	<5	0.76	1	24	142	3611	5.97	1.05	1.85	685	4	0.02	19	2300	8	<5	4	<10	2	0.16	109	10	3	111	4
101104	0.4	1.74	<5	180	<0.5	<5	0.65	<1	16	157	4518	5.61	0.94	1.47	525	6	0.02	15	1900	16	<5	4	<10	4	0.15	109	<10	3	98	4
101105	12.4	0.78	25	240	<0.5	<5	0.27	49	6	120	669	2.66	0.50	0.43	425	6	0.03	5	1130	1646	5	1	<10	5	0.08	18	140	2	6717	3
101106	50.2	0.65	30	170	<0.5	<5	0.23	>100	10	86	2165	3.67	0.41	0.32	310	<2	0.03	5	1330	8026	30	<1	<10	2	0.06	18	420	2	>10000	3
101107	0.4	0.96	30	220	<0.5	<5	0.27	2	9	93	50	4.54	0.68	0.58	390	<2	0.03	4	1080	646	<5	1	<10	5	0.10	27	10	1	551	3
101110	<0.2	0.59	<5	100	<0.5	<5	0.42	1	15	119	42	3.88	0.37	0.19	160	<2	0.03	9	1000	60	<5	1	<10	2	0.01	34	<10	5	114	6
101111	87.6	0.27	<5	10	<0.5	90	0.44	>100	70	145	2213	>15.00	0.02	0.16	530	<2	0.01	172	730	>10000	20	<1	<10	<1	0.03	58	1560	1	>10000	12

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed:

10/26/01 FRI 09:24 FAX 6043273423 Assayers Canada A 002

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

ASSAY CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT [illegible] File # A102222R

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

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	Au** gm/mt
192268	<.001	1.068	<.02	.04	14.7	<.001	.008	.05	12.06	<.01	.001	<.01	<.01	.39	.15	.006	1.01	7.35	.34	3.79	<.01	-
192274	<.001	.153	.30	3.74	23.4	.039	.012	.19	24.26	.01	.026	<.01	<.01	2.30	.05	.011	1.07	2.66	.17	.82	<.01	1.12
192275	<.001	.179	.23	12.58	11.0	.010	.001	.50	22.64	<.01	.086	<.01	<.01	5.67	.03	.003	4.25	1.96	.22	.09	<.01	-
192276	<.001	.299	1.52	3.67	77.0	.024	.002	.60	26.26	.01	.026	<.01	.01	4.58	.04	.007	1.87	2.56	.14	.15	<.01	
192278	<.001	.068	8.43	14.27	373.0	.012	.007	.37	19.58	<.01	.099	.02	.03	5.81	.03	.006	2.86	2.38	.20	.22	<.01	3.89
RE 192278	<.001	.069	8.51	14.39	376.6	.009	.006	.38	19.86	<.01	.099	.02	.03	5.82	.03	.006	2.87	2.42	.20	.16	<.01	? -
STANDARD R-1	.089	.820	1.30	2.22	99.9	.026	.026	.10	6.70	.06	.047	.16	.03	2.49	.10	.030	1.08	5.08	1.53	1.91	<.01	-

GROUP 710 - 1.00 GM SAMPLE, 4 ACID (HF-HCLO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
Au** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.

DATE RECEIVED: AUG 30 2001 DATE REPORT MAILED: Sept 6/01 SIGNED BY: [signature] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

192278 - 11.2 oz/mt Ag.

192276 - 2.4 oz/mt. Ag.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data [illegible] FA

AUG-03-2001 FRI 08:36 AM ACME ANALYTICAL LAB FAX NO. 6042531716 P. 02

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 [redacted] File # A102222 Page 1 (a)

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

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
015B	3.53	29.18	20.08	64.5	218	4.9	9.6	317	2.41	3.1	1	3.7	.2	26.8	.27	.12	.14	84	1.18	.065	.7	58.8	.58	52.7	.080	1	1.42	.077	.17	2.0	.04	<5	1.3	.07	5.9
01C	1.12	101.98	227.94	826.8	1124	46.5	37.9	854	5.02	185.0	.1	9.4	.3	133.9	10.47	.35	.88	168	7.72	.174	.6	121.4	2.06	299.6	.156	1	4.10	.896	1.41	.3	.57	<5	1.8	.16	7.7
DST 2	1.59	77.21	10.12	50.2	118	54.2	34.3	649	3.91	1.1	.1	8.3	.2	99.3	.07	.04	.10	181	1.64	.116	.7	137.5	2.68	956.2	.262	<1	2.75	.083	1.83	.5	.67	<5	<.1	.04	5.7
DST 3	11.66	144.66	14.27	119.2	1782	29.1	61.4	404	7.58	.8	.1	4.5	.6	141.8	.26	.05	.27	235	1.96	.119	1.1	47.3	2.09	183.3	.165	<1	4.66	.126	1.51	.6	.56	13	10.7	.19	14.2
DST 3B	2.93	106.29	30.82	184.8	607	56.4	26.3	785	3.84	2.0	2	2.4	.8	96.9	3.27	.98	.15	62	4.43	.080	.9	118.2	1.52	292.9	.062	1	2.85	.071	.35	1.3	17	5	2.2	.15	7.3
DST 4	2.08	96.52	15.02	130.4	195	46.0	33.3	800	5.95	1.1	.4	1.4	5.5	174.2	66	.02	.17	258	4.60	.143	5.0	89.9	2.62	802.4	.273	<1	5.91	.375	2.53	5	.75	<5	1.6	.10	15.1
DST 6	14.88	648.76	12.04	56.9	1355	22.6	19.2	3964	6.91	1.1	.9	5.6	3.5	16.4	.30	.18	.45	89	.48	.078	6.1	63.4	1.18	71.8	.113	<1	1.61	.038	.83	1.2	.43	8	1.2	13	5.1
DST 7	2.41	72.61	11.38	66.4	197	27.3	26.9	635	4.83	.7	1.5	1.2	6.8	53.9	.25	.15	.28	131	.54	.105	7.9	82.0	1.64	771.9	.158	<1	2.75	.144	1.32	.5	.57	<5	.8	.06	7.1
DST 8	3.26	179.77	11.47	82.6	207	16.1	33.4	423	6.02	1.3	.2	2.8	.4	232.6	.86	.07	.14	149	2.46	.133	1.4	31.8	2.38	435.5	.176	<1	6.11	.319	1.44	.6	.97	<5	.6	.15	14.6
DST 9	8.46	166.81	9.39	77.8	275	9.4	19.3	386	5.04	3.9	.2	3.8	.5	109.8	.85	.12	.17	109	1.11	.140	2.1	40.5	2.22	142.5	.053	1	4.13	.178	.22	1.3	.16	<5	.6	.17	10.6
DST 11	2.32	63.97	3.37	15.2	160	6.7	11.0	88	3.73	.5	.4	.4	3.2	8.1	.01	.03	.13	28	.06	.012	6.2	30.8	1.34	28.2	.024	<1	2.00	.018	.10	1.2	.93	<5	.2	86	6.4
B 4R	16.53	14.23	2.83	38.7	191	1.6	3.2	56	1.73	.2	1.2	1.1	9.7	6.2	.03	.03	.09	<2	89	.032	6.7	16.2	.18	126.9	.020	1	.44	.021	.37	.8	.18	<5	.1	.03	1.7
E 5	3.42	20.40	18.14	18.4	73	5.7	12.5	65	1.19	1.4	2.7	6.1	1.5	14.6	.01	.07	.32	2	.22	.006	1.2	55.7	.04	26.2	.010	<1	.44	.048	.13	2.3	.06	5	1.0	.04	1.6
AE E 5	3.05	19.21	9.48	9.5	72	5.4	11.7	65	1.18	1.3	2.5	4.6	1.4	13.3	.01	.10	.29	3	.22	.006	1.1	55.5	.04	26.8	.010	1	.44	.046	.12	2.2	.05	<5	1.1	.05	1.4
192259	1.33	14.46	2.55	82.7	31	9.8	12.5	1168	3.63	1.3	1.5	<.2	19.3	15.9	.07	.04	.06	87	1.84	.255	27.6	38.7	.98	126.5	.238	<1	1.46	.103	.51	.8	.17	<5	<.1	02	10.6
192260	2.73	50.42	4.67	3.1	99	2.4	3.4	53	.96	.9	2.2	.6	1.8	4.7	.02	.07	.03	<2	03	.005	2.4	44.2	03	29.8	.014	<1	.15	.042	14	1.7	.03	<5	.3	.02	1.0
192261	1.32	22.95	3.49	61.8	45	4.2	7.2	564	2.17	.5	1.2	<.2	7.4	9.2	08	.05	.05	34	.58	.124	14.6	25.4	.42	82.5	.176	<1	.75	.067	.57	.6	.19	<5	<1	<.02	4.9
192262	2.38	126.85	1.96	79.8	197	384.2	62.1	198	5.79	.8	.3	.7	.3	9.1	.05	.04	.15	75	.55	.126	1.6	293.9	3.95	241.0	.231	<1	2.98	.092	1.83	.2	.85	<5	2.9	.47	10.1
192263	2.74	267.27	29.82	171.1	2197	27.3	30.3	694	6.43	650.8	.2	6.6	.5	115.1	.62	.33	.17	206	3.85	.131	1.6	33.1	1.64	127.3	.192	1	3.00	.091	1.35	.6	.61	12	3.6	.27	12.6
192264	4.44	136.02	8.68	41.1	544	6.0	24.8	240	4.34	2.3	.4	.9	.3	119.8	.43	.06	.14	33	3.89	.204	2.6	15.4	.08	14.1	.096	<1	2.45	.709	.07	1.1	.04	<5	1.0	.15	4.2
192266	8.68	87.55	3.93	32.7	227	29.1	7.3	102	1.79	5.9	7.4	.5	2.9	8.7	16	.26	.11	17	.13	.010	2.9	56.0	.17	46.2	.066	<1	.37	.048	.14	1.2	.06	<5	1.8	.07	2.5
192266	2.17	2.54	11.80	4.3	12	3.3	.8	51	.36	1.8	2.8	<.2	.8	8.9	.01	.04	.05	5	1.60	.004	.6	41.3	.09	22.8	.016	<1	1.18	.049	.04	1.8	<.02	<5	<.1	.02	6.9
192267	6.47	5698.83	19.75	75.5	2007	14.3	18.8	864	4.75	2.0	.2	100.5	.4	20.7	.41	.13	.36	95	.89	.191	2.8	35.4	1.76	67.4	.142	<1	1.73	.013	1.30	1.8	.70	8	11.0	.48	3.8
192268	3.52	10993.86	2.91	294.8	12852	22.9	83.1	456	9.75	8.5	.4	789.6	.7	3.9	9.64	.86	2.38	59	.31	.152	1.4	42.9	.56	33.5	.055	<1	83	.007	.48	2.8	.45	132	15.9	1.43	2.5
192269	6.46	7336.98	8.36	70.2	3914	14.5	17.8	424	4.41	2.2	.1	297.8	.3	15.5	.98	.69	.56	69	.87	.071	.9	38.5	.86	72.2	.072	<1	.93	.010	.44	1.6	.28	27	9.6	.68	1.8
192270	4.88	2772.01	23.82	52.7	1485	30.4	17.4	215	3.01	1.6	.2	81.8	.4	13.2	49	.14	.39	37	.56	.069	1.0	74.4	.34	128.2	.034	<1	.82	.010	.13	2.4	.10	26	3.7	.33	2.0
192271	7.57	454.12	22.63	48.3	350	8.8	23.4	229	4.22	1.0	.3	28.7	.3	57.1	.14	20	.22	27	.92	.140	.9	15.4	.53	70.3	.050	1	1.53	.038	.61	1.5	.28	6	13.8	.26	2.4
192272	13.93	7060.73	33.75	65.5	4309	69.0	50.3	326	6.78	1.8	.3	130.4	.6	10.6	.81	.06	.92	46	.69	.164	1.4	44.1	.79	39.1	.069	<1	.99	.006	.33	1.8	.21	23	7.0	.76	2.0
192273	5.96	355.93	39.04	99.9	779	36.3	92.9	680	6.99	3.9	1.3	20.9	6	33.5	.22	.11	.31	32	.85	.156	.9	39.1	.79	60.9	.062	1	1.77	.076	.70	1.6	.53	8	17.3	.27	3.9
192274	2.89	1476.86	2931.22	36936.7	21368	170.8	111.7	477	21.36	10.3	.1	1020.7	.1	5.6	244.23	2.19	3.04	33	.25	.032	<.5	75.1	.32	32.4	.035	<1	.38	.004	.10	1.8	.15	6645	17.6	7.08	1.2
192275	3.24	1668.20	2605.55	99999.0	8257	109.7	17.5	1955	18.05	1.4	.8	450.6	<.1	1.1	879.45	5.32	.70	<2	53	.025	2.0	20.8	1.09	6.5	.010	1	1.15	.005	.06	1.4	.50	20680	9.6	1.82	6.0
192276	2.91	2880.43	15514.31	39344.8	72428	272.4	33.6	998	23.01	5.0	<.1	388.1	<.1	9.8	249.67	9.64	57.87	<2	.54	.054	.5	36.6	.41	34.0	.030	1	60	.006	09	4.3	.34	7079	24.6	16.77	2.1
192277	4.59	3591.92	77.18	339.5	2418	16.7	13.4	336	3.59	2.4	.1	68.4	.2	16.7	2.58	.23	.43	13	.98	.113	1.3	31.1	.14	89.1	.047	<1	.34	.005	.05	2.1	.03	90	6.1	.32	9
STANDARD DS3	9.19	128.09	34.41	157.7	281	35.4	12.0	796	3.11	30.1	5.7	23.0	4.8	30.5	5.51	4.99	5.31	78	.54	.091	17.7	194.7	.58	143.5	.091	2	1.68	.029	.17	3.9	.99	241	1.2	1.07	6.3

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, TC, 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: JUL 16 2001 DATE REPORT MAILED: Aug 2/01 SIGNED BY: C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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

DANI 4

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT Bell File # A102222 Page 1 (b)

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

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	Pd ppb	Pt ppb	Sample gm
Q1SB	.12	.1	.02	.10	4.6	4.0	.4	.51	<.05	.4	4.91	1.3	.02	2	.5	2.3	<10	<2	30
Q1C	1.60	.2	<.02	.05	57.3	6.2	.2	1.18	<.05	.2	3.19	1.3	.02	2	.6	8.0	<10	5	30
DST 2	10.47	.2	<.02	.13	74.9	5.9	.2	<.01	<.05	.2	3.53	1.3	<.02	1	.1	37.4	<10	7	30
DST 3	3.04	.3	<.02	.10	58.3	9.8	.8	2.14	<.05	.3	6.07	2.1	.04	11	1.0	23.7	<10	<2	30
DST 3B	.92	.1	<.02	.09	15.1	5.6	.4	.88	<.05	.2	3.92	1.6	.03	7	.2	10.0	<10	<2	30
DST 4	2.84	.2	<.02	.08	77.9	9.1	1.3	.45	<.05	.2	3.48	8.9	.04	4	1.1	27.4	<10	2	30
DST 6	1.34	.1	<.02	.05	35.8	5.2	.4	2.16	<.05	.2	8.07	10.2	.02	6	.2	13.3	<10	<2	30
DST 7	1.63	.1	<.02	.02	49.8	6.3	.5	.81	<.05	.2	8.51	13.4	.02	5	.4	17.7	<10	<2	30
DST 8	4.57	.2	<.02	.07	92.2	4.6	.6	.63	<.05	.1	2.55	2.0	<.02	4	.6	26.6	<10	<2	30
DST 9	.82	.1	<.02	.09	13.5	3.5	.2	.33	<.05	.2	3.86	3.2	.07	8	.5	21.4	<10	<2	30
DST 11	.12	.1	<.02	.05	3.7	2.1	.1	.45	<.05	.3	4.47	11.1	.02	2	.2	14.6	<10	<2	30
D 4R	.74	<.1	<.02	.26	11.1	.6	.4	.69	<.05	.4	13.34	12.5	<.02	<1	.1	2.5	<10	<2	30
E 5	.50	<.1	<.02	.45	6.8	.6	.2	.86	<.05	.3	1.10	1.8	<.02	<1	.3	1.5	<10	<2	30
RE E 5	.46	<.1	<.02	.43	6.3	.6	.1	.79	<.05	.3	1.08	1.8	<.02	<1	.3	1.4	<10	<2	30
192259	1.15	.2	.16	.92	30.6	5.2	2.6	.08	.12	2.3	19.07	43.0	.06	3	3.9	22.9	<10	<2	30
192260	.09	<.1	<.02	.24	3.9	.2	.1	.42	<.05	.3	.80	3.4	<.02	<1	.1	.8	<10	<2	30
192261	1.05	.1	.10	1.07	35.7	2.3	1.3	.09	<.05	1.6	15.40	25.3	.03	3	.8	12.3	<10	<2	30
192262	3.03	.2	.03	.04	35.4	2.0	.4	.98	<.05	.7	2.79	3.6	<.02	<1	.3	46.0	<10	<2	30
192263	1.50	.3	.03	.09	64.9	5.8	.4	2.70	<.05	.5	6.19	3.2	<.02	2	1.8	5.9	<10	<2	30
192264	3.51	.1	.07	.42	3.4	.5	.4	2.39	<.05	1.2	5.11	6.6	<.02	2	.9	5.1	<10	<2	30
192265	.30	<.1	.03	1.40	6.7	.4	.4	.54	<.05	.8	4.12	5.9	<.02	2	.1	4.6	<10	<2	30
192266	.07	.1	<.02	.06	1.6	.9	.1	<.01	<.05	.2	2.02	1.1	<.02	<1	1.3	1.5	<10	<2	30
192267	4.23	.2	.03	.24	72.1	2.3	.6	4.02	<.05	.6	4.10	3.5	.06	33	.5	18.8	<10	3	30
192268	1.19	.2	<.02	.23	22.1	3.2	.8	9.19	<.05	.5	5.74	2.6	.42	21	.2	3.4	<10	4	30
192269	1.36	.1	.02	.28	26.0	1.2	.4	4.04	<.05	.5	1.70	1.6	.15	24	.3	4.3	12	6	30
192270	.35	.1	.02	.17	6.5	1.7	.5	2.07	<.05	.6	1.93	1.6	.05	24	.3	2.5	<10	2	30
192271	.90	.1	<.02	.14	20.9	1.4	.5	2.96	<.05	.3	2.97	1.4	<.02	39	.3	3.2	<10	<2	30
192272	.74	.1	<.02	.30	15.9	1.5	.4	6.49	<.05	.4	3.69	2.3	.03	65	.4	5.2	<10	5	30
192273	2.21	.2	<.02	.49	45.9	2.0	.7	6.68	<.05	.3	6.14	1.5	.02	12	.9	7.6	<10	3	30
192274	.19	.2	<.02	.23	5.4	.7	.3	14.88	<.05	.6	.73	.6	5.08	3	.2	2.1	22	5	30
192275	.27	.4	<.02	.47	3.4	1.6	.4	14.66	<.05	.3	6.11	3.3	13.85	7	.8	.6	99	4	30
192276	.43	.4	<.02	.32	5.3	.9	.4	17.50	<.05	.4	1.47	.9	4.90	6	<.1	1.5	75	4	30
192277	.09	.1	.04	.81	2.1	.6	.5	3.79	<.05	1.0	3.46	2.3	.08	17	<.1	.3	<10	2	30
STANDARD DS3	5.45	.1	.18	1.50	14.2	2.9	7.0	.03	<.05	3.0	8.30	31.1	2.13	2	2.6	16.1	<10	<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, CD, 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: JUL 16 2001 DATE REPORT MAILED: Aug 2/01 SIGNED BY: C. Leong

D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Date FA

AUG-03-2001 FRI 08:36 AM ACME ANALYTICAL LAB FAX NO. 6042531716 P. 04

ACME ANALYTICAL

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT Bell FILE # A102222

ACME ANALYTICAL

DAN1

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	La %	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
192278	4.44	684.28	24007.01	99999.0	99999	114.7	68.7	1438	17.66	1.4	.3	1875.1	< 1	3.4	1039.53	73.20	306.84	16	.29	.025	1.1	28.4	1.08	17.4	.025	<1	1.12	.012	.17	1.5	.94	28934	35	4	36.76	4.0
192279	3.72	336.87	342.78	711.4	2303	13.3	20.6	1162	5.54	2.8	.8	63.8	.2	16.3	3.63	.61	1.83	134	.61	187	1.0	38.7	1.84	108.8	.200	<1	2.25	.114	1.63	1.1	1.14	120	10.6		.88	6.8
192280	2.63	356.88	522.66	1130.7	4639	63.2	21.8	1233	5.66	4.5	.2	220.9	.2	14.5	4.96	5.28	.46	116	.72	244	9	106.5	1.78	79.0	.166	<1	1.87	.012	1.52	2.0	.75	135	4.8		1.45	5.9
RE 192280	2.89	366.91	547.96	1191.7	4783	66.8	23.0	1286	5.82	4.9	2	246.1	3	17.0	5.27	5.41	.53	120	.76	260	1.0	113.1	1.83	77.8	.173	<1	1.95	.014	1.60	2.1	.80	136	5.1		1.45	6.3
STANDARD DS3	9.42	130.11	34.79	160.1	288	36.9	12.5	821	3.21	29.8	6.1	22.9	4.2	30.6	5.70	5.37	5.48	79	56	.093	17.0	198.0	.68	149.9	.092	1	1.75	.030	.17	3.8	1.02	225	1.2		1.06	6.3

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date FA

ACME ANALYTICAL

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT DANI [redacted] FILE # A102222 Page 2 (b)

ACME ANALYTICAL

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	Pd ppb	Pt ppb	Sample gm
192278	.66	.4	<.02	.54	11.1	.9	.4	21.74	<.05	.2	2.09	2.7	14.72	8	.6	3.2	75	2	30
192279	3.42	.2	<.02	.18	97.9	4.2	.7	4.31	<.05	.2	3.96	1.9	.16	4	.2	11.3	<10	3	30
192280	2.52	.1	.02	.10	74.2	1.2	.7	4.71	<.05	.6	2.19	2.2	.03	1	.8	10.5	<10	2	30
RE 192280	2.57	.1	.03	.11	81.2	1.4	.7	5.04	<.05	.6	2.59	2.3	.03	2	.7	11.0	<10	3	30
STANDARD DS3	5.62	.1	.17	1.45	14.6	2.9	7.2	.02	<.05	2.7	8.25	31.6	2.18	1	2.8	15.9	<10	<2	30

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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.)

ASSAY CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT [redacted] File # A102222R

[redacted] - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Shane Tarford

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	Au** gm/mt
192268	<.001	1.088	<.02	.04	14.7	<.001	.008	.05	12.04	<.01	.001	<.01	<.01	.39	.15	.006	1.01	7.35	.34	3.79	<.01	-
192274	<.001	.153	.30	3.74	23.4	.019	.012	.19	24.26	.01	.024	<.01	<.01	2.38	.05	.011	1.07	2.46	.17	.82	<.01	1.12
192275	<.001	.179	.23	12.58	11.0	.010	.001	.50	22.64	<.01	.086	<.01	<.01	5.67	.03	.003	4.25	1.96	.22	.89	<.01	-
192276	<.001	.299	1.52	3.67	77.0	.024	.002	.60	26.26	.01	.024	<.01	.01	6.58	.06	.007	1.87	2.56	.14	.15	<.01	-
192278	<.001	.068	8.43	14.27	375.0	.012	.007	.37	19.58	<.01	.899	.02	.03	5.81	.03	.006	2.86	2.38	.20	.22	<.01	1.89
RE 192278	<.001	.069	8.51	14.39	376.6	.009	.006	.38	19.86	<.01	.899	.02	.03	5.82	.03	.006	2.87	2.42	.20	.16	<.01	-
STANDARD R-1	.089	.820	1.30	2.22	99.9	.026	.026	.10	6.70	.06	.047	.16	.03	2.49	.10	.030	1.08	5.88	1.53	1.91	<.01	-

GROUP 710 - 1.00 GM SAMPLE, 4 ACID (HF-HCLO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
Au** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 2001 DATE REPORT MAILED: Sept 6/01 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

DANI SHOWING

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

SEP-07-2001 FRI 01:08 PM ACME ANALYTICAL LAB FAX NO. 6042531716 P. 02/02

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 DANI File # A103235 (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
192010	1.00	52.86	2.34	33.0	98	12.7	5.8	247	1.74	1.5	.4	1.4	.2	21.1	.04	.02	.05	54	.45	.137	1.0	36.4	.64	127.9	.101	<1	1.15	.017	.26	.2	.09	9	1.0	.03	3.4
192011	5.17	153.06	11.96	23.9	186	12.7	2.5	298	3.83	3.5	.9	114.8	.2	7.6	.08	.07	.30	90	.18	.107	1.2	80.0	.94	39.1	.108	1	1.34	.007	.12	.2	.09	48	3.3	.43	4.6
.STD S3	1.36	32.52	7.24	41.1	51	10.9	10.8	433	3.18	3.5	.4	1.4	1.9	41.1	.08	.10	.13	113	.47	.036	10.3	33.0	.44	69.1	.293	1	3.34	.130	04	.2	.10	26	.2	.02	8.6
CH2W	1.07	38.34	9.88	41.9	74	23.4	6.4	302	2.14	1.8	.3	9.2	.2	10.7	.05	.05	.09	57	.23	.086	1.0	73.5	.82	107.4	.111	1	1.30	.014	.35	.4	.14	25	.8	.13	3.8
CH3W	.59	13.75	5.42	23.7	18	7.9	4.9	236	1.93	1.3	.4	2.7	.3	10.4	.02	.02	.05	45	.21	.057	1.2	22.4	.44	61.1	.074	1	.73	.014	.17	.4	.07	13	.4	.03	2.8
RE CH9W	.15	2.34	2.21	14.2	14	1.7	4.3	171	.92	.6	.4	3.5	.2	5.1	.02	.04	.03	35	.10	.019	1.3	6.9	.13	44.7	.108	<1	.26	.004	.05	<.2	.03	14	.1	<.02	3.4
CH4W	.63	14.83	2.97	30.7	24	9.7	5.5	218	2.27	1.0	.6	2.1	.3	12.2	.03	.02	.05	56	.23	.059	1.6	23.2	.55	71.1	.101	<1	1.05	.014	.15	.2	.06	17	.4	.03	4.2
CH6W	.92	31.34	1.59	39.3	45	15.9	7.0	269	1.90	2.0	.4	.6	.2	29.0	.07	.02	.03	60	.50	.120	.7	37.8	.72	183.8	.122	1	1.19	.018	.38	<.2	.09	10	.6	<.02	3.7
CH9W	.14	1.91	1.83	12.3	12	1.7	3.6	165	.90	.7	.3	3.6	.1	4.4	.01	.03	.02	34	.07	.017	1.0	6.1	.13	46.0	.111	<1	.27	.004	.04	<.2	.02	18	.1	<.02	2.9
CH10W	.66	24.76	1.27	31.1	34	11.5	5.9	244	1.60	1.7	.3	1.1	.3	23.2	.05	<.02	.03	52	.51	.149	1.0	31.1	.59	142.0	.106	<1	.96	.017	.28	.2	07	9	.4	.02	3.1
STANDARD DS3	9.26	123.26	33.73	150.9	275	35.3	12.5	798	3.01	30.6	6.1	21.1	3.8	27.9	5.45	4.74	5.69	74	.50	.089	17.5	190.3	.57	160.6	.096	2	1.68	.029	.16	4.1	1.03	240	1.1	1.05	6.5

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 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: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 20 2001 DATE REPORT MAILED: Oct 2/2001 SIGNED BY .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ___

ACME ANALYTICAL

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT DANI FILE # A102221 Page 2 (a)

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 ppb	Se ppm	Te ppm	Ga ppm
ES 1	1.23	74.05	8.72	78.5	98	15.6	11.3	431	2.41	1.1	.2	6.5	.3	22.7	.13	.02	.05	75	.42	.109	.8	45.1	.96	184.4	.138	<1	1.49	.015	.50	.4	.21	15	.5	.06	4.1
ES 2	.75	43.86	4.38	61.4	62	20.3	12.1	411	2.49	.9	.5	1.5	.3	24.0	.12	.02	.04	83	.53	.130	.8	55.5	1.00	237.4	.161	<1	1.52	.019	.50	<.2	.17	<5	.5	.03	4.6
ES 3	.75	40.53	3.50	49.0	53	17.1	10.2	356	2.35	.7	.4	2.2	.3	23.3	.10	.02	.04	82	.50	.115	.8	50.1	.88	223.9	.153	<1	1.37	.015	.45	<.2	.15	8	.6	.02	4.6
ES 4	.21	3.04	2.95	13.3	12	3.4	2.0	120	.81	.2	.2	.7	.3	6.4	.02	<.02	.03	22	.12	.025	2.0	10.9	.28	42.8	.084	<1	.48	.009	.08	<.2	.02	37	.1	<.02	4.0
ES 5	.39	6.10	2.95	14.5	14	4.6	4.8	194	.95	.1	.3	.3	.5	10.6	.03	.02	.02	25	.20	.032	2.5	10.0	.31	24.1	.076	<1	.50	.014	.04	<.2	<.02	31	.2	<.02	3.2
ES 6	.45	17.06	2.63	26.9	17	8.6	8.0	359	1.66	6	.5	1.4	.5	18.2	.03	.03	.03	47	.42	.099	2.2	17.5	.57	40.8	.100	<1	.87	.013	.09	<.2	.02	17	.1	<.02	4.6
ES 7	.09	1.99	2.26	6.2	11	3.5	1.6	57	.49	.1	.1	.8	.1	14.5	.01	<.02	.02	18	.15	.015	.8	11.0	.18	11.3	.041	<1	.33	.008	.02	<.2	<.02	19	.1	<.02	2.5
ES 8	.12	4.26	2.24	9.2	17	7.6	1.9	89	.63	.1	.2	.6	.1	9.4	.02	.02	.02	21	.13	.029	1.2	7.4	.20	25.2	.053	<1	39	.008	.06	<.2	.02	41	.1	<.02	2.5
ES 9	.72	57.23	3.38	22.5	133	8.5	18.2	465	2.14	1.0	1.2	2.2	.4	20.2	.05	.05	.04	48	.38	.093	2.7	20.8	.48	70.5	.106	<1	1.23	.014	.11	<.2	.06	45	.8	.02	5.5
ES 10	.15	3.38	1.91	5.9	17	1.9	1.4	55	.52	.1	.1	.8	<.1	11.7	.01	<.02	.02	18	.15	.023	.7	6.1	.14	13.3	.058	<1	.28	.009	.03	<.2	<.02	31	.1	<.02	2.0
RE ES 9	.72	56.74	3.30	22.7	137	8.8	18.7	466	2.15	1.0	1.2	1.9	.3	20.1	.05	.05	.04	43	.38	.094	2.7	19.3	.47	68.5	.105	<1	1.23	.010	.11	<.2	.06	44	.8	.03	5.6
E 1	.50	17.86	3.87	43.6	19	11.8	6.7	263	1.34	.4	.3	2.2	.3	35.0	.12	<.02	.02	67	.57	.126	1.2	48.6	.81	139.2	.122	<1	1.47	.018	.21	<.2	.13	15	.6	<.02	4.1
E 2	.72	14.34	3.98	37.8	42	10.4	13.9	447	1.94	.7	.2	1.0	.3	16.2	.14	.03	.04	64	.27	.055	1.7	32.5	.54	87.7	.102	<1	1.07	.011	.14	<.2	.10	37	.6	<.02	4.6
E 3	.52	14.79	2.89	48.1	56	13.5	13.0	589	1.63	.4	.2	1.4	.2	14.5	.47	<.02	.02	57	.30	.039	1.4	43.3	.52	151.5	.098	<1	.95	.008	.20	<.2	.24	27	1.0	<.02	3.2
E 6	.62	46.01	2.75	53.1	45	18.0	9.9	312	2.51	.8	.2	70.6	.2	36.1	.08	.02	.08	87	.72	.187	.7	61.2	1.00	278.6	.161	<1	1.67	.026	.57	.4	.18	10	.4	.04	4.9
E 7	.76	45.26	2.93	57.3	45	18.7	11.4	363	3.38	1.0	.2	38.0	.2	38.6	.15	.03	.09	97	.69	.158	.6	74.3	1.12	319.4	.182	<1	1.87	.025	.65	.3	.22	5	.5	.07	5.4
E 8	.55	34.57	2.28	46.8	33	15.8	8.5	308	2.21	.7	.2	2.5	.3	37.3	.06	.02	.04	76	.69	.157	1.1	51.7	.94	240.2	.158	<1	1.55	.017	.48	<.2	.13	7	.3	.02	5.2
E 9	.17	10.26	1.67	14.1	13	4.8	2.8	126	1.00	.3	.2	1.3	.1	13.1	.01	<.02	<.02	29	.24	.054	1.2	9.9	.32	48.5	.076	<1	.62	.010	.07	<.2	.02	27	.2	<.02	3.2
E 10	.25	21.47	1.30	22.5	12	7.7	4.7	183	1.09	.5	.4	1.8	.4	19.3	.01	<.02	<.02	31	.39	.110	1.8	13.5	.46	77.0	.082	<1	.75	.010	.14	<.2	.04	13	.1	<.02	3.6
CH1E	2.29	22.82	3.64	30.3	31	12.8	9.4	194	2.15	.5	1.5	2.7	.4	18.5	.05	.02	.11	56	.35	.100	1.7	26.5	.38	116.4	.129	<1	1.17	.013	.10	<.2	.05	29	.4	.02	5.2
CH2E	1.19	5.95	3.23	21.0	<2	3.9	2.5	119	1.11	.4	.4	1.8	.7	3.9	.02	.03	.07	31	.07	.024	3.8	13.7	.32	49.4	.120	<1	.85	.008	.15	<.2	.04	26	.3	.02	5.9
CH3E	.93	22.62	2.72	29.8	28	9.6	8.3	250	1.40	.5	1.0	2.2	.5	15.9	.08	.02	.04	36	.41	.102	1.7	13.6	.35	46.2	.074	<1	.64	.015	.08	<.2	.04	16	.5	.02	3.0
CH1W	.34	29.73	2.08	31.9	20	8.7	10.6	325	1.71	.5	1.5	.9	.3	15.6	.02	<.02	.05	42	.34	.109	1.0	17.7	.54	122.9	.107	<1	.88	.024	.27	<.2	.09	16	.4	.03	3.6
STANDARD DS3	9.18	125.55	33.47	157.4	273	35.8	12.4	782	3.05	29.3	5.8	19.9	3.9	26.4	5.46	5.28	5.42	75	.60	.093	17.3	185.2	.57	152.5	.095	1	1.63	.026	16	3.9	1.03	230	1.2	1.14	6.2

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data ✓ FA

ACME ANALYTICAL

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT Bell FILE # A102221 Page 2 (b)

ACME ANALYTICAL

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	Pd ppb	Pt ppb	Sample gm
ES 1	1.93	.1	<.02	.76	21.8	1.8	.2	.05	<.05	.1	1.62	1.5	<.02	<1	.3	16.2	<10	<2	30
ES 2	1.44	.1	<.02	.65	21.1	2.0	.2	.03	<.05	<.1	2.20	1.6	<.02	<1	.2	14.4	<10	<2	30
ES 3	1.16	.1	<.02	.74	17.5	2.1	.2	.04	<.05	.1	2.01	1.6	<.02	<1	.2	12.1	<10	<2	30
ES 4	.40	<.1	<.02	.94	3.4	.8	.4	.04	<.05	.1	1.20	3.6	<.02	<1	.1	2.6	<10	<2	30
ES 5	.35	<.1	<.02	.71	1.1	1.1	.3	.04	<.05	.1	1.94	4.5	<.02	<1	.2	3.7	<10	<2	15
ES 6	.60	<.1	<.02	.70	3.0	1.8	.3	.02	<.05	.2	2.55	4.1	<.02	<1	.2	7.9	<10	<2	30
ES 7	.48	<.1	<.02	.28	1.2	.6	.2	.03	<.05	<.1	.68	1.5	<.02	<1	<.1	2.2	<10	<2	30
ES 8	.34	<.1	<.02	.49	2.5	.6	.2	.04	<.05	.1	.97	2.1	<.02	<1	.1	2.2	<10	<2	15
ES 9	.80	.1	<.02	.81	5.2	1.6	.4	.05	<.05	.1	3.38	5.0	<.02	<1	.5	7.2	<10	<2	30
ES 10	.25	<.1	<.02	.35	1.4	.5	.2	.03	<.05	.1	.79	1.3	<.02	<1	.1	1.1	<10	<2	30
RE ES 9	.80	.1	<.02	.77	5.2	1.6	.4	.04	<.05	.1	3.38	5.0	<.02	1	.4	7.5	<10	<2	30
E 1	.97	.1	<.02	.92	9.0	2.2	.1	.04	<.05	<.1	2.07	2.0	<.02	1	.2	16.4	<10	<2	30
E 2	1.02	.1	<.02	.83	6.6	1.6	.2	.03	<.05	.1	1.77	3.1	<.02	<1	.2	12.9	<10	<2	30
E 3	.77	.1	<.02	.83	8.8	1.2	.1	.03	<.05	<.1	1.47	2.4	<.02	<1	.2	11.7	<10	<2	30
E 6	1.47	.1	<.02	.75	20.5	2.9	.2	.04	<.05	<.1	2.46	1.2	<.02	<1	.3	17.7	<10	<2	30
E 7	1.55	.1	<.02	.85	24.0	3.2	.3	.01	<.05	.1	2.25	1.1	<.02	1	.2	20.1	<10	<2	30
E 8	1.22	.1	<.02	.58	17.3	2.7	.3	.02	<.05	.2	2.75	1.9	<.02	1	.2	14.0	<10	<2	30
E 9	.40	<.1	<.02	.54	3.1	.8	.3	.03	<.05	.1	1.28	2.0	<.02	<1	.1	4.3	<10	<2	30
E 10	.60	.1	<.02	.61	7.2	1.2	.3	.01	<.05	.1	2.18	3.3	<.02	<1	.2	7.5	<10	<2	30
CH1E	.51	.1	<.02	1.14	4.9	2.3	.3	.02	.07	.4	2.72	3.3	<.02	<1	.2	8.6	<10	<2	30
CH2E	.67	<.1	<.02	3.68	6.8	1.2	.7	.03	<.05	.3	1.95	6.7	.02	<1	.1	6.6	<10	<2	30
CH3E	.44	<.1	<.02	.66	5.8	1.4	.3	.10	<.05	.2	2.47	3.1	<.02	<1	.1	4.7	<10	<2	30
CH1W	1.20	<.1	<.02	.53	12.7	1.1	.4	.02	<.05	.2	1.49	2.0	<.02	<1	.1	8.8	<10	<2	30
STANDARD DS3	5.56	.1	.12	1.33	13.6	2.8	7.2	.02	<.05	2.8	8.28	31.5	2.10	2	2.3	16.2	<10	<2	30

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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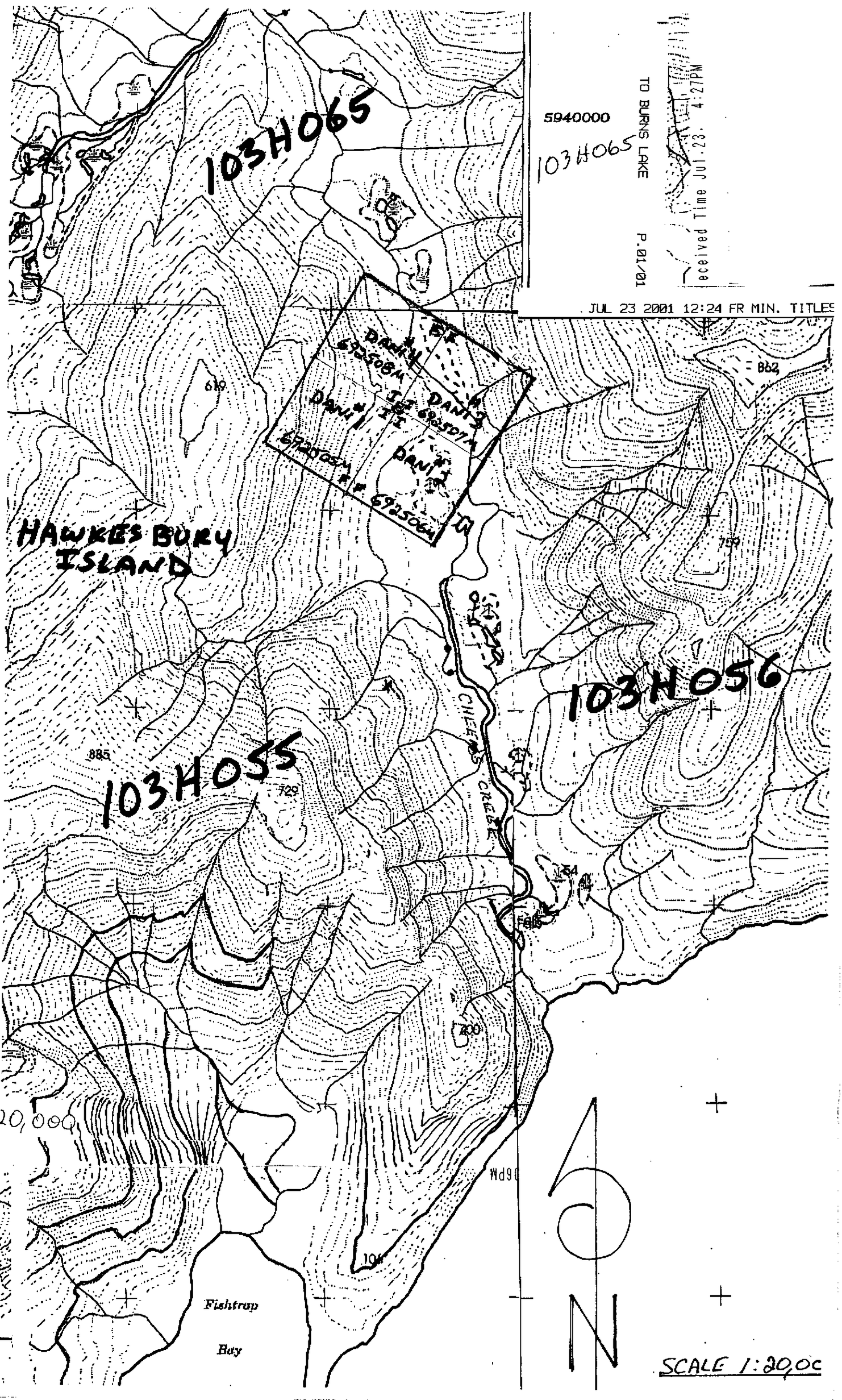
Data FA


5940000
TO BURNS LAKE
P.01/01
Received Time Jul.23. 4:27PM
JUL 23 2001 12:24 FR MIN. TITLES
103H065
103H065
DANI 4
DANI 3
DANI 1
DANI 2
HAWKES BURY ISLAND
103H055
103H056
CHEENS CREEK
Fishtrap Bay
SCALE 1:20,0c

25 METER SLOPE

192013

125 METERS TO DATE

APPROX ZONE

192267

192268

NORTH PIT

101104

192272

192269

192270

192271

INITIAL POSTS OF DANI 1 TO 4

192019

192016

192015

192014

RISING TERRAIN

APPROX 60 METERS WIDE

QUARTZ SERICITE SCHIST OUTCROP

192273

SLOPE

TOTAL MINERALIZED

192279

192035

SOUTH OUTCROP

192017

192277

101101

192278

192276

FLOAT

192274

192280

192030

192031

192275

FLOAT

101110

FLOAT

MASSIVE SULPHIDE FLOAT ROCKS

192039

DRAW

192038

192037

192036

192035

101102

ROAD WAY

DANI OUTCROPS NOT TO SCALE


ESBURY
LAND
CH6W
CH5W
192023
DANI 3
DANI 4
DANI 1
DANI 2
192010
192011
192018
192011
OUTCROPS (SEE MAPS)
CH2W
CH3W
CH4W
CH1W
CREEK
C.R.
Dump Site
A52807 Blk 2 1999
A45975 Blk 4 2003
A52807 Blk 1 1999
192244
A52807 Blk 3 1999
Danube Bay
Evelyn Lake
ES-1
ES-2
ES-3
E-1
E-2
E-3
E-5
E-6
E-7
E-8
E-10
A45975 Blk 3 2003
A52806 Blk 4 2001
A45975 Blk 2 2002
A52806 Blk 3 2000
A45975 Blk 1 2002
A52806 Blk 1 1999
Dump Site CAMP 1998
Sort Yard
192259
192260
192261
192262
192263
192266
192264
192265
Kitsaway
Anchorage
Eva Point
SCALE 1:20,000
01-42 (1)
VERT. 1:2000

D. TECHNICAL REPORT

SUMMARY OF RESULTS

Name: Shawn Turford Reference Number P -78

Location/Commodities
Project Area : BELL Located north of Kitkiata Bay Minfile: nil
Location of Project area: as above NTS 103 H-11W
Lat.- 53 39' Long.- 129 21'

Description of Location and Access:

Access is by truck and trailered 24'boat from Francois Lake to MK marina, Kitimat. Then by boat to Kitkiata Bay on the Douglas channel. Location of work was in the Quaal river system located in Kitkiata Bay. Also an old logging road on the East Side of Kitkiata Bay and Douglas Channel.

Prospecting Assistant(s)

Ralph Keefe no explanation needed. Brain Remanda, 7 years prospecting with us on this project, took introductory prospecting coarse 1999. Daryn Remanda 3rd year prospecting with us on this project.

Main Commodities Searched for:

Massive Sulfide mineralization Au, Ag, Zn, Pb, Cu

Known Mineral Occurrences in Project Area:

The main mineral occurrence area located to the north such as Scotia, Ecstall, Packsack, Steelhead, Horsefly, etc.

WORK PERFORMED

1. Conventional Prospecting.... rock sampling and creek silting was undertaken. 99 samples altogether.
2. Geological Mapping..... Geological mapping on the Bell claims was done in June of 2001 by Double Star Resourses. Maps of rock and silt locations submitted at 1: 20,000.
3. Geophysical..... 99 Rock and silt samples taken.
5. Physical Work..... nil
6. Drilling (no. of holes, size, depth in m, total m).....nil
7. Other (specify)..... ..... Staking and prospecting of Bell 1 to 10 in April 2001

D. TECHNICAL REPORTS (continued)

REPORT ON RESULTS

Name Shawn Turford Reference Number P-78

1. Location of Project Area ...BELL

Please see SUMMARY OF RESULTS, location is explained there.

2. PROGRAM OBJECTIVE (include original exploration target)

The program objective was to explore along Quaal River on a silting program and sample any outcrops to extend the quartz sericite schist zones. This was important as it would further our option agreement with Double Star Resources.

3. PROSPECTING RESULTS

Our results were impressive, as we were able to option an agreement with Double Star Res. (DSR). DSR on our behalf staked an additional 80 units to cover ground worthy of further prospecting. In June of 2001 the claims were prospected, and geologically mapped by Nil von Fersen, Paul Grey, Glen Ehasso and Johanna Tuck of DSR.
Our silting program of the Quaal River still has to be determined. To what significance the silt assays will prove to us we're not sure because of the flushing effect waterways have on the coastal areas. Assays look poorer but in actual fact they more important than they appear.

Kitkiata Project

Bell 11 –14 Claims

Sample Descriptions

 # 402107 – 114 m south of main showing. Road D-2

Small silicious zone (6"0) in quartz sericite schist. Strongly contorted and foliated, approx. 15% disseminated medium to coarse euhedral pyrite, trace chalcopyrite. Weakly Fe stained on surface.

#402108 – wallrock, 1.0m. chip sample. Road D-2

Highly foliated quartz sericite schist, fine grained euhedral disseminated pyrite, trace chalcopyrite.

#402109 – main zone – 0.5m. chip sample across main mineralized interval. Road D-2

Light greenish, highly foliated quartz sericite schist, medium to fine grained, disseminated pyrite, trace chpy, small 3/8" sulphide veinlet contains sphalerite, galena, chpy. Veinlet is parallel to foliation.

#402110 – Main Zone – subsidiary mineralized interval (0.1m.) Road D-2

Description as above.

#402113 – Old sample site 92258 on prospectors map. Road D-1, southern boundary of Bell – 14 claim.

Biotite schist, silicified zone in outcrop on road, very weakly magnetic, coarse grained crystalline pyrite.

#402114 – location as above.

Float on road at site 92258. coarse grained quartz biotite gneiss, disseminated pyrite and chalcopyrite.

#402115 – Road B-2

Contorted, highly foliated quartz sericite schist, weakly Fe stained, weakly pyritic, wall rock adjacent to massive quartz vein. (Vein 1.0m wide barren quartz).

#402116 – Road B-2, 15 m. south of above sample

Highly foliated sericituc quartzite, weak to moderate Fe staining, fine grained platy steel grey to black mineral on foliation planes. (pyrite?).

#402117 – Road D-2 Character sample of sericite schist about 220m.south of main showing, above the road.

Light greenish, strongly foliated and crenulated quartz sericite schist with disseminated cubic pyrite (10%) with possible small pink garnets.

June 29, 2001

Sample descriptions from Bell 11-14 mineral claims
Kitkiata Creek

EASTERN
~~Western~~ Kitkiata Valley Samples, nearby main showing

D-Road-1 (D-1) 402111

Quartz-Sericite Schist Sample.
Lower elevation continuation of felsic horizon of upper, main showing.
Flooded with fine to medium grained pyrite (max 20%)
Minor garnet noted as < mm sized grains within matrix
Variable alteration centered on steeply dipping shear zone (.5 m wide center)
Pyrite concentrated parallel to foliation (schistose) as stringers and disseminations
Minor, but distinctive biotite present (fine grained)
Strikingly felsic showing, anomalous for areal exposure (usually more mafic and sulphide barren).

Sample a chip sample on 1 m intervals for 20 m. width.

D-Road-2 (D-2) 402112

See above description of host rock.
High graded sample of pyrite rich zone (coarse grained Py)
coarse and clumped cm scale layers of pyrite
Sampled exclusively from 0.5 m strong, well developed shear zone and proximal altered wall rock. (~ 1.5 m).
Veins and stingers of massive pyrite

Eastern Kitkiata Valley Samples

C-Road-1 (C-1) 407751

Quartz-Carbonate veining (with bull quartz zones) within dark mafic volcanic schist host.
Sample of Quartz-Carb vein material with disseminated and coarse pyrite +/- magnetite
Veins average 5 cm, max. 10 cm
Wall rock proximal (.5 meter) altered and pyriteiferous (disseminations).
General N-S (160°) trend to foliation, with veins sub-parallel to foliation
Foliation well developed
Mm scale garnets visible
Host rock more likely to contain disseminated (mm) magnetite grains than veins
Veins sulphide source

C-Road-2 (C-2) 407752

Same exposure as above, see description
Sample of unaltered wall rock, distal, e.g. >2 m from nearest Quartz-Carbonate vein

C-Road-3 (C-3) 407753

As above, sampled from same exposure, see description.

Sample is of mineralized (disseminated pyrite +/- magnetite) wall rock, proximal to Q-C veins, within 0.5 meter of nearest vein/veinlet.
Sulphides appear to be open space, disseminated, and platey (elongated with foliation)
Pyrite is main constituent

C-Road-4 (C-4) 407754

Dark, mafic (biotite-rich) schist. Quartz-Sericite schist layers within hostrock at shear
Shear Zone Sample
Shear parallel to foliation and schistocity 161°/87°
Heavily Fe-stained proximal (with .5 meter) of 0.3 m wide, well developed shear
Shear zone alteration pervasive and locally to soil (hydrothermal)
Quartz veins/stringers (boudinaged) contain disseminated pyrite
1 cm max avg 1-2 mm
parallel to sub-parallel to foliation
Biotite pervasive in melanocratic zones
Sericte prevalent within leucocratic zones (shear)
Lack of Carbonate over entire exposure includeing quartz veins
Chlorite alteration on foliaition

C-Road-5 (C-5) **407755**

See above description, same exposure sampled
Bull Quartz vein distal to above (~ 5 m) with minimal carbonate (ankerite)
Vein hosted within Quartz-Sericite Schist, micaeous and chlorite tinge noted
Coarse grained pyrite disseminated (1 mm scale, cubic (euhedral) and tarnished).
Minor biotite in host

C-Road-6 (C-6) **407756**

Quartz-Sericite altered mafic schist. Pyrite bearing with minor magnetite
Eastern road cut sampled
Rusty quartz dominant schist, well crenulated with tight isoclinal folds (hinge zone?)
162°/70°
micaceous sericite throughout, with limited biotite noted
pyrite widely disseminated with concentrations in open spaces (mirco-sadle reef type)
and coarser grains seen elongated with foliation (partially boudined)
almost gneissic layers of rusty vs. silica rich zones

C-Road-7 (C-7) **407757**

See above description, same general exposure sampled
West side of road cut.

C-Road-8 (C-8) **407758**

Well developed shear zone (pervasively altered to soil-like consistency) within a dark, mafic volcanic schist 145°/88° (hydrothermal ?)
5 m wide altered zone
Sample a chip sample across 5 meter width at 1 meter intervals

Far Eastern Traverse (Separate Watershed than Kitkiatia Creek)

A-Road-1 (A-1) **407759**

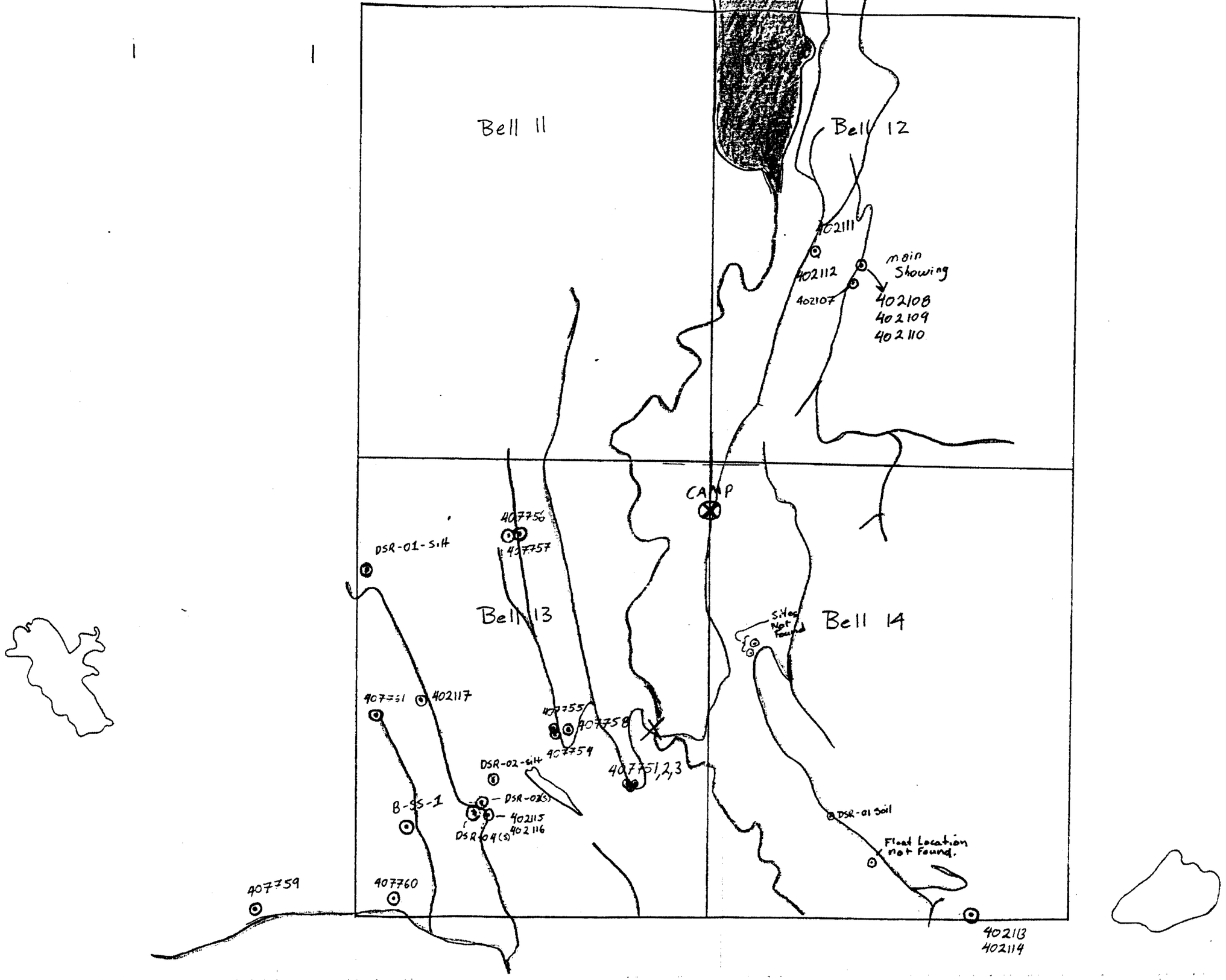
Quartz (Bull) with minor Carbonate associations (ankerite?) Fe-stained and sulphide rich
Samples collected from floaty boulders clearly fallen from above cliff exposure – steep!
Pyrite dominant sulphide within quartz (carb) veins.
    Large cm + scale cubic, euhedral grains (clumped together)
Massive pyrite bearing veins
Minor malachite staining associated with pyrite zones, +/- associated with limited carbonate
Epidote and chlorite alteration noted on hostrock foliation
Hostrock a mafic dark volcanic schist

A-Road-2 (A-2) **407760**

Mafic, dark, volcanic schist with a well developed, albeit wavy foliation 130°/70°
Silica dominant exposure with myriad of quartz veins/veinlets/stingers on mm to 0.5 m scale
    Quartz zones parallel to sub-parallel to foliation, pinch & swell
Altered wall rock adjacent to veins with disseminated pyrite
    Small mm wide stingers of solid pyrite parallel foliation within wall rock proximal to quartz zones (within 0.3 m)

B1-Road-1 (B1-1) **407761**

Gneissic-type schisty host rock.
Quartz veins & veinlets within gneissic layers and disseminated within host rock.
Quartz veins contain coarse grained massive pyrite
Gneiss has pyrite disseminated and strung out along foliation
Extremely well developed crenulations and tight isoclinal folds throughout entire exposure
Hinge zone?


Bell 11
Bell 12
Bell 13
Bell 14
CAMP
402111
402112
402107
main Showing
402108
402109
402110
407756
407757
DSR-01-Soil
407751
402117
407755
407758
407754
DSR-02-Soil
DSR-02(S)
402115
DSR-04(S)
402116
B-SS-1
407751,2,3
Soil Not Found
DSR-01 Soil
Float Location not Found.
407759
407760
402113
402114

ACME ANALYTICAL LABORATORIES LTD. (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 File # A102222R

SUBMITTED BY: Adam Turfield

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Bi %	Co %	Mn %	Fe %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	Au** gm/mt
192268	<.001	1.088	<.02	.04	14.7	<.001	.008	.05	12.06	<.01	.001	<.01	<.01	.39	.15	.006	1.01	7.35	.34	3.79	<.01	-
192274	.001	.153	.30	3.76	25.4	.019	.012	.19	24.26	.01	.026	<.01	<.01	2.38	.05	.011	1.07	2.66	.17	.82	<.01	9.12
192275	.001	.179	.25	12.58	11.0	.010	.001	.58	22.64	<.01	.006	<.01	<.01	5.67	.03	.003	4.25	1.96	.22	.09	<.01	-
192276	.001	.299	1.52	3.67	77.8	.024	.002	.60	26.26	.01	.024	<.01	.01	4.58	.04	.007	1.87	2.56	.14	.15	<.01	-
192278	.001	.068	8.43	14.27	375.8	.012	.007	.37	19.56	<.01	.099	.02	.05	3.81	.05	.006	2.86	2.38	.28	.22	<.01	1.89
RE 192278	.001	.069	8.51	14.39	376.6	.009	.006	.38	19.86	<.01	.099	.02	.03	3.82	.03	.006	2.87	2.42	.29	.16	<.01	-
STANDARD R-1	.089	.820	1.90	2.22	99.9	.026	.026	.39	6.70	.06	.047	.16	.03	2.49	.10	.030	1.08	5.08	1.53	1.91	<.01	-

GROUP 7TH - 1.00 GM SAMPLE, 4 ACID (HF-HCLO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 2001 DATE REPORT MAILED: Sept 6/01 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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 File # A102221 Page 1 (a)

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

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
Q1A	2.01	5.50	8.35	35.6	28	6.0	39.0	2187	1.77	.8	4.1	4.9	2.8	10.9	.17	.04	.11	31	.19	.038	6.2	13.0	.39	44.9	.059	<1	.80	.012	.10	.3	.12	43	.6	<.02	3.2
Q1B	2.27	5.08	7.35	28.5	28	5.0	45.6	2147	2.24	.8	4.1	3.8	2.6	9.2	.13	.04	.26	32	.14	.035	5.9	10.7	.33	41.9	.057	<1	.76	.010	.06	.2	.12	36	.6	<.02	3.0
Q8	1.06	10.88	4.65	34.1	19	10.6	6.0	266	1.87	2.0	1.3	2.8	1.5	20.9	.01	.09	.07	52	.27	.053	4.3	23.2	.63	68.1	.094	1	.97	.034	.15	.4	.04	224	.2	<.02	4.7
QC	1.03	27.90	4.62	60.3	48	17.4	10.5	380	2.17	1.3	.6	2.4	1.4	25.9	.16	.05	.06	62	.46	.074	3.4	32.3	.73	82.7	.089	<1	1.23	.026	.12	.2	.06	19	.5	.02	4.4
QD	1.99	14.49	7.31	55.1	23	12.9	8.5	422	2.37	2.5	2.4	1.5	5.5	19.6	.04	.17	.12	58	.23	.029	6.2	21.6	.80	80.8	.119	2	1.41	.020	.22	<.2	.10	37	.2	.02	6.7
QE	.58	15.63	2.45	39.1	24	10.0	6.0	245	1.59	1.3	.5	.6	9	35.0	.04	.06	.04	46	.52	.146	4.7	21.0	.60	81.5	.098	<1	1.01	.025	.18	<.2	.06	10	.3	.02	4.0
QF	.63	18.53	3.68	50.9	30	12.4	8.3	366	2.14	2.2	.5	1.8	1.2	24.7	.04	.12	.06	61	.43	.090	5.5	24.2	.72	110.2	.129	1	1.29	.029	.21	<.2	.06	16	.2	<.02	5.2
QG	.86	22.40	3.91	58.4	58	13.6	10.0	485	2.49	3.0	.9	2.0	1.4	30.1	.04	.14	.06	67	.50	.110	5.9	24.7	.87	152.1	.143	1	1.46	.037	.29	<.2	.08	19	.3	.02	5.8
QH	.56	14.55	2.65	35.0	21	10.2	6.3	239	1.74	1.5	.5	1.9	1.6	24.9	.04	.08	.04	53	.38	.072	4.3	26.6	.58	95.8	.099	<1	1.11	.029	.15	<.2	.06	12	.2	<.02	3.6
QI	1.06	7.58	3.99	30.7	22	6.0	6.0	251	1.00	.7	2.2	.4	2.6	9.9	.05	.04	.07	27	.18	.043	4.5	13.1	.38	37.9	.061	<1	.63	.013	.06	<.2	.04	20	.2	<.02	2.7
QJ	1.14	14.07	3.07	36.6	26	10.0	5.5	240	1.47	1.7	.9	1.9	.9	14.9	.03	.08	.05	46	.25	.058	3.9	23.2	.63	53.4	.099	1	1.07	.018	.11	<.2	.04	12	.2	<.02	4.3
RE QJ	1.20	13.74	3.26	39.5	27	10.1	5.6	258	1.55	1.8	.9	2.3	1.1	15.6	.03	.07	.06	46	.24	.059	4.2	25.2	.66	55.7	.098	1	1.11	.021	.12	<.2	.04	13	.1	<.02	4.6
Q1	.66	18.84	1.97	31.1	21	11.2	5.6	193	1.41	1.1	.3	1.0	1.0	25.0	.03	.05	.02	45	.33	.059	3.3	23.1	.58	75.9	.078	<1	.99	.021	.12	<.2	.04	11	.3	<.02	3.5
Q2	.82	14.38	3.45	36.8	45	10.5	6.1	295	1.70	2.0	.7	33.0	1.2	27.3	.03	.12	.05	49	.40	.079	5.2	19.8	.58	58.9	.092	2	.99	.033	.14	<.2	.04	17	.1	<.02	3.9
Q3	2.58	10.20	3.29	32.0	23	8.7	4.7	216	1.31	3.0	1.6	2.3	1.0	19.1	.02	.10	.05	48	.26	.049	3.7	22.9	.56	45.9	.101	1	1.11	.027	.12	<.2	.04	16	.2	<.02	4.4
Q4	1.38	12.23	4.11	39.1	34	10.3	6.4	297	1.95	2.5	.6	1.5	1.1	21.6	.03	.14	.06	52	.32	.047	4.5	21.6	.60	64.1	.094	2	1.05	.026	.14	<.2	.05	21	.1	<.02	4.4
Q5	.67	23.00	4.35	47.5	35	14.3	9.4	394	2.34	2.6	.5	5.6	1.1	28.1	.04	.15	.07	59	.43	.076	5.2	24.4	.81	70.3	.104	2	1.43	.037	.16	<.2	.06	24	.2	.02	5.3
Q6	.79	20.17	4.36	49.9	26	14.4	10.1	469	2.30	3.2	.4	5.6	1.1	25.4	.04	.15	.06	61	.40	.072	4.8	24.5	.78	93.0	.109	2	1.45	.029	.16	<.2	.06	15	.1	.02	5.4
Q7	3.64	19.26	3.00	40.3	40	11.1	5.1	255	1.88	3.9	2.5	3.5	.7	25.9	.01	.10	.06	56	.30	.079	3.4	29.5	.80	72.3	.108	3	1.14	.053	.22	<.2	.06	14	.3	.02	4.2
Q8	.44	8.26	3.43	28.4	17	8.1	4.4	216	1.44	1.7	.7	2.2	1.1	22.5	.02	.11	.04	40	.36	.075	4.7	15.0	.40	25.4	.066	1	.73	.036	.07	<.2	.02	10	1	<.02	2.9
Q9	.46	9.86	4.28	32.0	18	8.1	4.7	238	1.43	1.7	.6	2.1	1.1	23.3	.03	.11	.04	43	.37	.071	5.0	17.0	.44	36.1	.081	1	.80	.037	.09	.2	.03	12	<.1	<.02	3.2
Q10	.24	3.66	3.74	28.0	20	2.6	3.8	228	1.03	.6	4.3	1.1	1.4	32.6	.02	.03	.06	29	.23	.037	4.1	7.3	.31	66.5	.074	<1	.69	.012	.12	<.2	.06	25	.1	<.02	4.1
Q11	.70	7.71	3.71	26.4	15	5.7	4.4	220	1.19	2.1	2.7	1.0	2.4	25.8	.02	.09	.05	32	.21	.043	5.1	10.7	.44	43.8	.077	4	.76	.077	.16	<.2	.05	12	.1	<.02	3.5
Q12	.14	9.27	4.44	49.9	20	5.3	6.7	326	1.81	.7	4.4	1.3	1.5	54.9	.04	.03	.05	50	.51	.066	4.6	17.4	.48	72.4	.132	1	1.09	.021	.16	<.2	.06	25	.2	<.02	6.0
Q13	.21	4.01	2.94	23.6	13	2.1	2.9	147	.99	.6	2.4	.6	1.1	28.8	.01	.03	.04	28	.22	.025	3.1	6.8	.29	40.0	.084	1	.56	.016	.15	<.2	.04	14	.1	<.02	3.3
DST 1	.71	31.65	4.84	61.9	57	17.6	14.5	589	2.56	.9	.3	1.4	.9	25.9	.12	.09	.03	74	.47	.138	1.3	40.7	1.30	293.0	.175	<1	1.68	.013	.57	.3	.15	10	.3	.02	4.6
DST 5	.85	41.68	5.81	72.1	43	20.5	13.0	782	3.45	.9	.7	1.3	2.7	20.2	.15	.05	.09	123	.46	.078	4.9	67.5	1.11	196.1	.147	<1	2.00	.018	.24	<.2	.18	20	.5	.03	6.0
DST 10	.15	87.93	2.09	58.7	46	43.8	24.6	629	3.49	.8	.1	1.6	.2	42.8	.06	.05	<.02	119	.62	.154	.5	92.2	2.10	345.9	.253	<1	2.32	.014	.85	<.2	.12	14	<.1	.02	6.4
D 1R	.37	52.33	2.32	62.2	64	43.0	21.9	729	3.42	1.6	.3	3.6	4	24.2	.09	.05	.02	115	.63	.151	1.4	93.8	1.62	340.9	.189	<1	2.17	.015	.60	<.2	.13	14	.3	.02	5.4
D 2R	.29	45.28	1.93	65.0	78	13.5	17.0	704	3.28	4.7	.4	4.9	6	18.2	.09	.06	.03	112	.59	.104	2.0	27.6	1.13	232.8	.155	<1	2.09	.016	.37	<.2	.14	21	.5	.02	5.7
D 3R	.31	15.24	1.43	51.0	32	7.3	10.9	552	2.38	1.3	.4	2.4	.6	14.8	.06	.04	.02	71	.61	.093	1.7	17.4	.69	221.0	.117	1	1.30	.016	.23	<.2	.11	16	.7	<.02	4.4
D 5R	.27	46.77	1.93	61.3	69	22.7	18.7	701	3.15	1.3	.3	3.2	.4	14.1	.12	.05	.03	103	.53	.098	1.4	46.5	1.14	240.4	.144	<1	1.69	.012	.34	<.2	.12	20	.7	.03	5.0
D 6R	.16	47.49	.77	57.3	31	14.2	16.9	621	3.13	.7	.2	1.8	2	10.4	.05	.04	<.02	114	.35	.076	.7	25.0	1.14	258.6	.146	<1	1.62	.009	.48	<.2	.11	15	.3	<.02	4.9
D 7R	.41	74.53	1.89	57.7	50	13.1	22.3	1308	3.92	1.2	.2	1.5	.6	17.7	.04	.03	.04	137	.55	.119	1.7	33.7	1.36	402.2	.214	<1	2.08	.013	.49	<.2	.12	11	.2	.03	6.9
STANDARD DS3	9.33	125.61	34.37	157.5	283	35.2	12.5	821	3.10	30.1	6.0	20.4	4.0	28.1	5.60	5.41	5.45	77	.52	.092	17.3	188.6	.59	145.4	.085	2	1.68	.032	.16	4.0	1.02	226	1.1	1.11	6.0

GROUP 1F3D - 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 = 7,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 2001 DATE REPORT MAILED: July 27/01 SIGNED BY: ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

JUL-27-2001 FRI 01:47 PM ACME ANALYTICAL LAB FAX NO. 6042531716 P. 02/05

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 File # A102221 Page 1 (b)

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

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	Pd ppb	Pt ppb	Sample gm
Q1A	.33	<.1	<.02	.65	4.9	.9	.5	.06	<.05	.1	5.88	11.1	<.02	<1	.3	3.6	<10	<2	30
Q1B	.30	<.1	<.02	.60	2.9	.9	.5	.07	<.05	<.1	5.64	10.7	<.02	<1	.2	2.8	<10	<2	30
QB	.59	.1	.02	.56	7.2	2.0	.6	.04	<.05	.6	3.41	8.0	<.02	<1	.1	11.5	<10	<2	30
QC	.42	.1	<.02	.44	5.5	2.4	.4	.04	<.05	.3	4.25	6.5	<.02	<1	.2	4.8	<10	<2	30
QD	1.36	.1	.03	1.38	14.0	2.8	.8	.03	<.05	1.2	3.40	11.4	.02	<1	.3	10.7	<10	<2	30
QE	.53	.1	.02	.43	8.2	1.7	.3	.01	<.05	.6	3.39	9.0	<.02	<1	.2	8.3	<10	<2	30
QF	.71	.1	.02	.65	10.5	2.8	.4	.02	<.05	1.1	4.75	10.7	.02	<1	.1	10.9	<10	<2	30
QG	.82	.1	.03	.72	14.7	3.0	.5	.02	<.05	1.3	5.17	11.6	.02	<1	.3	13.8	<10	<2	30
QH	.50	.1	<.02	.38	7.2	1.9	.2	.03	<.05	.5	2.93	7.6	<.02	1	.1	7.7	<10	<2	30
QI	.33	.1	<.02	.46	3.4	1.0	.3	.03	<.05	.1	4.08	7.3	<.02	<1	.1	3.4	<10	<2	30
QJ	.54	.1	<.02	.65	5.8	2.1	.3	.05	<.05	.5	3.80	7.1	<.02	<1	.1	12.9	<10	<2	30
RE QJ	.58	.1	.02	.66	6.0	2.1	.4	.05	<.05	.5	4.03	7.6	<.02	<1	.2	13.5	<10	<2	30
Q1	.35	.1	<.02	.34	4.9	1.7	.2	.03	<.05	.3	2.33	5.9	<.02	<1	.1	6.0	<10	<2	30
Q2	.53	.1	.03	.57	6.8	2.6	.4	.03	<.05	.9	4.84	9.8	<.02	<1	.2	11.5	<10	<2	30
Q3	.57	<.1	<.02	.65	6.4	2.1	.4	.05	<.05	.7	2.94	7.1	<.02	<1	.1	17.1	<10	<2	30
Q4	.64	.1	.03	.65	6.9	2.4	.5	.02	<.05	1.0	3.82	8.4	<.02	<1	.1	10.8	<10	<2	30
Q5	.73	.1	.03	.65	8.2	2.9	.4	.02	<.05	1.0	4.72	10.1	.02	<1	.2	11.9	<10	<2	30
Q6	.76	.1	.02	.54	8.8	2.9	.4	.02	<.05	.9	4.39	9.4	.02	<1	.3	12.7	<10	<2	30
Q7	.79	.1	<.02	.57	18.0	2.3	.3	.10	<.05	.4	2.94	6.8	<.02	<1	.1	41.8	<10	<2	30
Q8	.34	.1	.03	.37	3.2	1.8	.3	.01	<.05	.9	4.12	8.6	<.02	<1	.2	7.6	<10	<2	30
Q9	.41	.1	.02	.43	4.3	2.0	.3	.03	<.05	.8	4.38	9.4	<.02	<1	.1	8.6	<10	<2	30
Q10	.52	<.1	<.02	.55	7.0	.8	.3	.03	<.05	.1	1.75	7.3	<.02	<1	.2	6.6	<10	<2	15
Q11	.48	.1	<.02	.74	7.4	1.4	.4	.04	<.05	.3	3.33	9.2	<.02	<1	.1	16.2	<10	<2	30
Q12	.54	.1	.03	.79	7.4	1.4	.4	.02	<.05	1.2	1.87	8.0	<.02	<1	.3	9.4	<10	<2	30
Q13	.36	.1	<.02	.49	7.4	.6	.3	.02	<.05	.2	1.23	5.2	<.02	<1	.1	5.0	<10	<2	30
DST 1	1.25	.1	<.02	.73	23.9	1.5	.2	<.01	<.05	.1	1.62	2.4	<.02	<1	.2	11.7	<10	<2	30
DST 5	1.07	.1	<.02	.58	12.5	5.2	.4	.03	<.05	.2	4.30	9.3	.02	<1	.3	15.2	<10	<2	30
DST 10	1.14	.1	<.02	.25	30.3	2.0	.1	<.01	<.05	.1	.99	1.0	<.02	<1	.2	26.2	<10	<2	30
D 1R	2.62	.2	<.02	.72	25.1	3.6	.2	.01	<.05	.1	2.52	2.7	<.02	<1	.2	23.9	<10	<2	30
D 2R	3.53	.1	<.02	.71	20.9	4.0	.3	.01	<.05	.2	3.39	3.9	<.02	<1	.3	21.0	<10	<2	30
D 3R	1.86	.1	<.02	.94	16.6	2.2	.3	.02	<.05	.1	2.50	3.3	<.02	<1	.2	20.8	<10	<2	30
D 5R	2.32	.1	<.02	.72	18.2	3.0	.3	.01	<.05	.1	2.60	2.5	<.02	<1	.1	17.6	<10	<2	30
D 6R	2.11	.1	.03	.45	20.8	2.3	.2	.01	<.05	.1	1.65	1.3	<.02	<1	.1	20.5	<10	<2	30
D 7R	2.01	.2	<.02	.70	29.8	5.7	.5	.01	<.05	.1	3.80	3.1	.02	<1	.2	19.7	<10	<2	30
STANDARD DS3	5.59	.1	.12	1.41	14.5	2.9	7.2	.02	<.05	2.7	8.18	30.9	1.99	2	2.5	16.2	<10	<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: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 2001 DATE REPORT MAILED: July 27/01 SIGNED BY: ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

JUL-27-2001 FRI 01:49 PM ACME ANALYTICAL LAB FAX NO. 6042531716 P. 04/05

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 File # A102222 Page 1 (a)

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

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 ppb	Se ppm	Te ppm	Ga ppm
0158	3.53	29.18	20.08	64.5	218	4.9	9.6	317	2.41	3.1	.1	3.7	2	26.8	.27	.12	.14	84	1.18	.065	.7	50.8	.58	52.7	.080	1	1.42	.077	.17	2.0	.04	<5	1.3	.07	3.9
01C	1.17	101.90	227.94	826.8	1124	46.5	37.9	654	5.02	185.6	.1	9.4	.3	133.9	10.47	.35	.88	168	7.72	.174	.6	121.4	2.06	299.6	.156	1	4.10	.096	1.41	.3	.57	<5	1.8	.16	7.7
DST 2	1.59	77.21	10.12	50.2	118	54.2	34.3	649	3.91	1.1	.1	8.3	.2	99.3	.07	.04	.10	101	1.64	.116	.7	137.5	2.68	366.2	.262	<1	2.76	.681	1.83	.5	.67	<5	<.1	.04	5.7
DST 3	11.66	144.50	14.27	119.2	1782	29.1	61.6	604	7.58	.8	.1	4.5	.6	141.0	.26	.05	.27	236	1.96	.119	1.1	47.3	2.09	103.3	.165	<1	4.66	.126	1.51	.6	.56	13	10.7	.19	14.2
DST 3B	2.93	106.29	30.82	184.8	507	56.4	26.3	785	3.84	2.0	.2	2.4	.8	96.9	3.27	.08	.15	62	4.43	.080	.9	118.2	1.52	292.9	.062	1	2.85	.671	.36	1.1	.17	5	2.2	.15	7.3
DST 4	2.08	96.52	15.02	130.4	195	46.0	33.3	800	5.95	1.1	.4	1.4	3.5	174.2	.06	.02	.17	258	4.60	.143	5.0	89.9	2.62	802.4	.273	<1	5.91	.375	2.33	5	.75	<5	1.6	.10	15.1
DST 6	14.88	648.76	12.04	56.9	1366	22.6	19.2	3964	5.91	1.1	.9	5.6	3.5	16.4	.30	.18	.45	89	.40	.070	6.1	63.4	1.18	71.8	.113	<1	1.61	.038	.83	1.2	.43	8	1.2	13	5.1
DST 7	2.41	72.63	11.38	66.4	197	27.3	26.9	635	4.83	.7	1.5	1.2	6.0	53.9	.25	.15	.28	131	.54	.105	7.9	82.0	1.64	271.9	.150	<1	2.75	.144	1.32	.5	.57	<5	.4	.04	7.1
DST 8	3.26	179.77	11.47	82.6	207	16.1	33.4	423	6.02	1.3	.7	2.6	.6	232.6	.05	.07	.14	149	2.48	.133	1.4	31.8	2.38	438.5	.176	<1	8.11	.319	1.44	.6	.97	<5	.6	.15	16.6
DST 9	6.46	166.81	9.39	77.0	275	9.4	19.3	386	5.04	3.9	.2	3.8	.5	109.0	.05	.12	.17	109	1.11	.140	2.1	40.5	2.22	142.5	.053	1	4.13	.178	.22	1.3	.16	<5	.6	.17	10.0
DST 11	2.32	83.97	3.37	15.2	168	4.7	11.0	88	3.73	.5	.4	.6	3.2	8.1	.01	.03	.13	18	.08	.012	6.2	30.8	1.34	28.2	.024	<1	2.00	.018	.10	1.2	.03	<5	.2	06	6.4
9 4R	10.53	14.23	2.83	38.7	191	1.6	3.2	56	1.73	2	1.2	1.1	9.7	6.2	.03	.03	.09	<2	.09	.032	6.7	16.2	.10	124.9	.020	1	.44	.021	.32	.8	.18	<5	.1	.03	1.7
E 5	3.42	20.40	10.14	10.4	73	5.7	12.5	65	1.19	1.4	7.7	6.1	1.5	14.6	.01	.07	.32	2	.22	.006	1.2	56.7	.04	26.2	.010	<1	.44	.048	.13	2.3	.06	5	1.0	.04	1.6
RE E 5	3.06	19.21	9.48	9.6	72	5.4	11.7	65	1.18	1.3	2.5	4.6	1.4	13.3	.01	.10	.29	3	.22	.006	1.1	55.5	.04	26.0	.010	1	.44	.046	.12	2.2	.05	<5	1.1	.06	1.4
192259	1.33	14.46	2.55	82.7	31	9.0	12.5	1168	3.53	1.3	1.5	<.2	19.3	15.9	.07	.64	.06	82	1.24	.255	27.6	38.7	.90	126.5	.238	<1	1.46	.103	.51	.8	.17	<5	<.1	02	10.6
192260	2.73	50.42	4.67	3.1	99	2.4	3.4	53	.96	.9	2.3	.6	1.8	4.7	.02	.07	.03	<2	.03	.005	2.4	44.2	.83	29.8	.014	<1	.15	.042	.14	1.7	.03	<5	.3	.07	1.9
192261	1.22	22.95	3.49	61.0	45	4.2	7.2	564	2.17	.5	1.2	<.2	7.4	9.2	.08	.05	.05	34	.58	.124	10.6	25.4	.42	82.5	.176	<1	.75	.067	.57	.6	.19	<5	<.1	<.02	4.9
192262	2.38	126.86	1.96	79.8	197	384.2	62.1	198	5.20	.8	.3	.7	.3	9.1	.05	.04	.15	75	.55	.126	1.6	293.9	3.95	241.0	.251	<1	2.98	.092	1.83	.2	.85	<5	2.9	.47	18.1
192263	2.74	267.27	29.82	171.1	2197	27.3	30.3	694	6.43	658.8	.2	6.4	.6	115.1	.62	.33	.17	206	3.05	.131	1.6	33.1	1.64	127.3	.192	1	3.80	.091	1.35	.8	.61	12	3.6	.27	12.6
192264	4.44	136.02	8.88	41.1	544	6.6	24.8	248	4.34	2.3	.4	.9	.3	119.8	.43	.06	.14	33	3.89	.204	2.6	15.4	.08	14.1	.096	<1	2.45	.709	.07	1.1	.04	<5	1.0	15	4.2
192266	8.68	47.56	3.93	32.7	227	28.1	7.3	102	1.79	5.9	2.4	.5	2.9	8.7	.16	.26	.11	17	.13	.010	2.9	56.0	.17	48.2	.066	<1	.37	.048	.14	1.2	.06	<5	1.8	.07	2.5
192266	2.17	2.54	11.80	4.3	12	3.3	.8	51	.36	1.8	2.8	<.2	.8	8.9	.01	.04	.35	5	1.60	.094	.6	41.3	.09	22.8	.016	<1	1.18	.049	.04	1.0	<.02	<5	<.1	.02	6.9
192267	6.47	5690.83	19.75	75.5	2007	14.3	18.8	664	4.75	2.0	.2	100.5	.4	20.7	.41	.13	.36	95	.89	.191	2.0	35.4	1.76	67.9	.142	<1	1.73	.013	1.30	1.8	.70	8	11.0	48	3.8
192268	3.52	19993.86	2.91	294.8	12852	22.9	83.1	456	9.75	8.5	.4	789.8	.7	3.9	9.64	.06	2.38	59	.31	.152	1.4	42.9	.56	33.5	.055	<1	83	.007	.48	2.9	.45	132	15.9	1.43	2.5
192269	6.46	7336.80	8.36	70.2	3914	14.5	17.8	424	4.41	2.2	.1	297.8	.3	15.5	.98	.09	.56	49	.87	.071	.9	30.5	.86	72.2	.072	<1	.93	.010	.44	1.6	.28	27	9.6	.68	1.8
192270	4.88	7772.81	23.82	52.7	1485	30.4	17.4	714	3.01	1.6	.2	81.8	.4	13.2	.09	.14	.39	37	.66	.069	1.9	74.4	.34	128.2	.034	<1	.82	.010	.13	2.4	.10	26	3.7	.33	2.0
192271	7.57	454.12	22.63	48.3	350	6.8	23.4	239	4.22	1.0	.3	28.7	.3	57.1	.14	.26	.22	27	.92	.140	.9	15.4	.53	70.3	.050	1	1.53	.038	.61	1.5	.28	6	11.8	.26	2.4
192272	13.93	7060.73	33.75	66.5	4309	63.3	50.3	376	6.78	1.8	.3	110.4	.5	10.6	.81	.06	.92	46	.69	.164	1.4	44.1	.79	39.1	.069	<1	.99	.006	.33	1.9	.23	23	7.0	.76	2.8
192273	5.96	355.93	39.04	99.9	779	36.3	22.3	680	5.99	3.9	1.3	20.9	.6	33.5	.22	.11	.31	32	.85	.156	.9	39.3	.79	60.9	.062	1	1.77	.076	.70	1.6	.53	8	17.3	.27	3.9
192274	2.09	1476.05	7031.22	36936.7	21360	170.8	111.7	477	21.36	10.3	.1	1020.7	.1	5.6	240.23	2.19	3.04	10	.25	.032	<.5	75.1	.32	32.4	.036	<1	.38	.004	.10	1.8	.15	6645	17.6	7.08	1.2
192275	3.24	1668.20	2605.55	99999.0	8257	109.7	17.5	1956	18.05	1.4	.8	450.6	<.1	1.1	879.45	5.32	.78	<2	.53	.025	2.0	20.8	1.09	6.5	.010	1	1.15	.006	.06	1.4	.58	20680	9.6	1.82	6.0
192276	2.91	2880.43	15514.31	39344.8	72428	272.4	33.6	990	23.01	5.0	<.1	388.1	<.1	9.8	249.67	9.64	57.87	<2	.54	.054	.5	26.6	.41	14.0	.030	1	.50	.006	.09	4.3	.34	7670	28.6	16.77	2.1
192277	4.59	3591.92	77.10	333.5	2418	16.7	13.4	336	3.59	2.4	.1	68.4	.2	16.7	2.58	.23	.43	13	.98	.113	1.3	31.1	.14	89.1	.042	<1	.34	.005	.05	2.1	.03	90	6.1	.32	8
STANDARD G53	9.19	128.09	34.41	167.7	281	35.4	12.0	796	3.11	38.3	5.7	23.0	4.0	30.5	5.51	4.99	5.31	78	.54	.091	17.7	194.7	.58	143.5	.091	2	1.68	.029	.17	3.9	.99	241	1.2	1.07	6.3

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, TC, 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: JUL 16 2001 DATE REPORT MAILED: Aug 2/01 SIGNED BY: C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data ✓ FA ___

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AUG-03-2001 FRI 08:36 AM ACME ANALYTICAL LAB FAX NO. 6042531716 P. 02

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 File # A102222 Page 1 (b)

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

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	Pd ppb	Pt ppb	Sample gm
Q1SB	.12	.1	.02	.10	4.6	4.0	.4	.31	<.05	.4	4.91	1.3	.02	2	.5	2.3	<10	<2	30
Q1C	1.60	.2	<.02	.05	57.3	6.2	.2	1.18	<.05	.2	3.19	1.3	.02	2	.6	8.0	<10	5	30
DST 2	10.47	.2	<.02	.13	74.9	5.9	.2	<.01	<.05	.2	3.53	1.3	<.02	1	.1	37.4	<10	7	30
DST 3	3.04	.3	<.02	.10	58.3	9.8	.8	2.14	<.05	.3	6.07	2.1	.04	11	1.0	23.7	<10	<2	30
DST 3B	.92	.1	<.02	.09	15.1	5.6	.4	.88	<.05	.2	3.92	1.6	.03	7	.2	10.0	<10	<2	30
DST 4	2.84	.2	<.02	.08	77.9	9.1	1.3	.45	<.05	.2	3.48	8.9	.04	4	1.1	27.4	<10	2	30
DST 6	1.34	.1	<.02	.05	35.8	5.2	.4	2.16	<.05	.2	8.07	10.2	.02	6	.2	13.3	<10	<2	30
DST 7	1.63	.1	<.02	.02	49.8	6.3	.5	.81	<.05	.2	8.51	13.4	.02	5	.4	17.7	<10	<2	30
DST 8	4.57	.2	<.02	.07	92.2	4.6	.6	.63	<.05	.1	2.55	2.0	<.02	4	.6	26.6	<10	<2	30
DST 9	.82	.1	<.02	.09	13.5	3.5	.2	.33	<.05	.2	3.86	3.2	.02	8	.5	21.4	<10	<2	30
DST 11	.12	.1	<.02	.05	3.7	2.1	.1	.43	<.05	.3	4.47	11.1	.02	2	.2	14.6	<10	<2	30
D 4R	.74	<.1	<.02	.26	11.1	.6	.4	.69	<.05	.4	13.34	12.5	<.02	<1	.1	2.5	<10	<2	30
E 5	.50	<.1	<.02	.45	6.8	.6	.2	.86	<.05	.3	1.10	1.8	<.02	<1	.3	1.5	<10	<2	30
RE E 5	.46	<.1	<.02	.43	6.3	.6	.1	.79	<.05	.3	1.08	1.8	<.02	<1	.3	1.4	<10	<2	30
192259	1.15	.2	.16	.92	30.6	5.2	2.6	.08	.12	2.3	19.07	43.0	.06	3	3.9	22.9	<10	<2	30
192260	.09	<.1	<.02	.24	3.9	.2	.1	.42	<.05	.3	.80	3.4	<.02	<1	.1	.8	<10	<2	30
192261	1.05	.1	.10	1.07	35.7	2.3	1.3	.09	<.05	1.6	15.40	25.3	.03	3	.8	12.3	<10	<2	30
192262	3.03	.2	.03	.04	35.4	2.0	.4	.98	<.05	.7	2.79	3.6	<.02	<1	.3	46.0	<10	<2	30
192263	1.50	.3	.03	.09	64.9	5.8	.4	2.70	<.05	.5	6.19	3.2	<.02	2	1.8	5.9	<10	<2	30
192264	3.51	.1	.07	.42	3.6	.5	.4	2.39	<.05	1.2	5.11	6.6	<.02	2	.9	5.1	<10	<2	30
192265	.30	<.1	.03	1.40	6.7	.4	.4	.54	<.05	.8	4.12	5.9	<.02	2	.1	4.6	<10	<2	30
192266	.07	.1	<.02	.06	1.6	.9	.1	<.01	<.05	.2	2.02	1.1	<.02	<1	1.3	1.5	<10	<2	30
192267	4.23	.2	.03	.24	72.1	2.3	.6	4.02	<.05	.6	4.10	3.5	.06	33	.5	18.8	<10	3	30
192268	1.19	.2	<.02	.23	22.1	3.2	.8	9.19	<.05	.5	5.74	2.6	.42	21	.2	3.4	<10	4	30
192269	1.36	.1	.02	.28	26.0	1.2	.4	4.04	<.05	.5	1.70	1.6	.15	24	.3	4.3	12	6	30
192270	.35	.1	.02	.17	6.5	1.7	.5	2.07	<.05	.6	1.93	1.6	.05	24	.3	2.5	<10	2	30
192271	.90	.1	<.02	.14	20.9	1.4	.5	2.96	<.05	.3	2.97	1.4	<.02	39	.3	3.2	<10	<2	30
192272	.74	.1	<.02	.30	15.9	1.5	.4	6.49	<.05	.4	3.69	2.3	.03	65	.4	5.2	<10	5	30
192273	2.21	.2	<.02	.49	45.9	2.0	.7	6.68	<.05	.3	6.14	1.5	.02	12	.9	7.6	<10	3	30
192274	.19	.2	<.02	.23	5.4	.7	.3	14.88	<.05	.6	.73	.6	5.08	3	.2	2.1	22	5	30
192275	.27	.4	<.02	.47	3.4	1.6	.4	14.66	<.05	.3	6.11	3.3	13.85	7	.8	.6	99	4	30
192276	.43	.4	<.02	.32	5.3	.9	.4	17.50	<.05	.4	1.47	.9	4.90	6	<.1	1.5	75	4	30
192277	.09	.1	.04	.81	2.1	.6	.5	3.79	<.05	1.0	3.46	2.3	.08	17	<.1	.3	<10	2	30
STANDARD DS3	5.45	.1	.18	1.50	14.2	2.9	7.0	.03	<.05	3.0	8.30	31.1	2.13	2	2.6	16.1	<10	<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 R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 2001 **DATE REPORT MAILED:** Aug 2/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

AUG-03-2001 FRI 08:38 AM ACME ANALYTICAL LAB FAX NO. 6042531716 P. 04

DOUBLESTAR RESOURCES LTD.
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FRANCOIS LAKE, BC V0J 1R0

+ + + +

BONDAR CLEGG

Geochemical Lab Report

PK

Bondar Clegg Canada Limited, 130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, (604) 985-0681

BONDAR CLEGG

VANCOUVER BRANCH

Geochemical Lab Report

REPORT: V01-00838.0 (COMPLETE)

REFERENCE:

CLIENT: DOUBLESTAR RESOURCES LTD.

SUBMITTED BY: R. KEEFE

PROJECT: BELL

DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010518 1	Au30	Au - FA30	8	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
010518 2	Ag	Ag - IC01	8	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 3	Cu	Cu - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 4	Pb	Pb - IC01	8	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 5	Zn	Zn - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 6	Mo	Mo - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 7	Ni	Ni - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 8	Co	Co - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 9	Cd	Cd - IC01	8	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 10	Bi	Bi - IC01	8	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 11	As	As - IC01	8	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 12	Sb	Sb - IC01	8	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 13	Fe	Fe - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 14	Mn	Mn - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 15	Te	Te - IC01	8	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 16	Ba	Ba - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 17	Cr	Cr - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 18	V	V - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 19	Sn	Sn - IC01	8	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 20	W	W - IC01	8	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 21	La	La - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 22	Al	Al - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 23	Mg	Mg - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 24	Ca	Ca - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 25	Na	Na - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 26	K	K - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 27	Sr	Sr - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 28	Y	Y - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 29	Ga	Ga - IC01	8	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 30	Li	Li - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 31	Nb	Nb - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 32	Sc	Sc - IC01	8	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 33	Ta	Ta - IC01	8	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 34	Ti	Ti - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 35	Zr	Zr - IC01	8	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010518 36	S	S - IC01	8	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010518 37	Ag	Ag - IC50	8	6.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
010518 38	Cu	Cu - IC50	8	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
010518 39	Pb	Lead	8	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
010518 40	Zn	Zn - GA50	1	0.01 PCT	HF-HNO3-HCLO4-HCL	ATOMIC ABSORPTION
010518 41	Zn	Zn - IC50	8	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	8	2 -150	8	CRUSH/SPLIT & PULV.	23

REPORT COPIES TO: MR. ALAN SAVAGE
MR. R.R. KEEFE (RALPH)
MR. R.R. KEEFE (RALPH)
MR. R.R. KEEFE (RALPH)
MR. R.R. KEEFE (RALPH)

INVOICE TO: MR. ALAN SAVAGE

****
This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated
****

BONDAR CLEGG

Geochemical Lab Report

CLIENT: DOUBLESTAR RESOURCES LTD.

PROJECT: BELL

REPORT: V01-00838.0 (COMPLETE)

DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PAGE 1A(1/ 8)

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Tc PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
192251		65	1.1	117	33	36	23	4	14	0.5	<5	9	<5	5.18	64	<10	31	42	13	<20	<20	<1	0.55	0.08	0.30	0.04	0.30	27	2	<2	<1	<1	<5	<10	0.09	<1
192252		2422	>200.0	7646	>10000	>10000	5	2	10	>2000	<5	32	196	4.78	744	146	29	67	9	<20	<20	<1	0.51	0.18	0.12	0.01	0.21	7	1	<2	<1	<1	<5	<10	0.04	<1
192253		1101	111.7	4267	>10000	>10000	2	2	10	460.5	<5	26	62	3.13	476	59	28	68	15	<20	<20	1	0.88	0.43	0.21	0.02	0.49	12	2	<2	2	<1	<5	<10	0.07	<1
192254		16	1.2	72	236	286	39	7	16	3.0	<5	<5	<5	6.16	171	<10	24	62	15	<20	<20	2	1.00	0.15	0.48	0.03	0.42	32	2	4	1	<1	<5	<10	0.03	<1
192255		225	17.5	285	1455	2382	4	1	4	27.4	<5	22	14	2.40	235	13	162	53	15	<20	<20	2	0.84	0.32	0.35	0.03	0.38	20	3	<2	2	<1	<5	<10	0.09	<1
192256		66	4.1	147	760	2343	6	2	12	28.1	<5	31	<5	2.99	396	<10	46	49	17	<20	<20	2	1.06	0.41	0.29	0.02	0.67	13	2	<2	2	<1	<5	<10	0.08	<1
192257		6830	>200.0	>10000	55	1049	<1	9	81	39.0	<5	<5	<5	>10.00	1056	25	17	29	40	<20	<20	4	1.92	1.16	0.50	0.03	0.85	24	4	5	8	<1	<5	<10	0.14	<1
192258		25	0.6	202	13	73	<1	231	66	0.5	<5	<5	<5	5.15	461	<10	80	398	105	<20	<20	<1	3.20	3.55	0.87	0.08	2.14	19	1	<2	12	5	<5	<10	0.23	<1

CLIENT: DOUBLESTAR RESOURCES LTD.

REPORT: V01-00838.0 (COMPLETE)

PROJECT: BELL

DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PAGE 1B(2/ 8)

SAMPLE NUMBER	ELEMENT UNITS	S PCT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Zn PCT
192251		4.08	<6.5	0.01	<.01		0.01
192252		>10.00	368.9	0.71	7.16	19.24	>15.00
192253		4.73	116.9	0.39	1.89		3.94
192254		5.62	<6.5	<.01	0.03		0.04
192255		1.12	18.6	0.03	0.15		0.24
192256		2.38	<6.5	0.02	0.08		0.24
192257		8.80	254.2	8.52	<.01		0.10
192258		1.95	<6.5	0.02	<.01		0.02

BONDAR CLEGG

Geochemical Lab Report

CLIENT: DOUBLESTAR RESOURCES LTD. PROJECT: BELL

REPORT: V01-00838.0 (COMPLETE) DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PAGE 2A(3/ 8)

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Tc PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
ANALYTICAL BLANK		<5	<0.2	2	<2	2	<1	<1	<1	<0.2	<5	<5	<5	<0.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	2	1	2	<1	<1	<1	0.1	3	3	3	<0.01	<1	5	<1	<1	<1	10	10	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	1	<1	<1	3	5	<.01	<1
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	0.1	2	5	5	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<.01	<1
OX9 Oxide		453	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		453	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP-1A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MP-1A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-
MISC STD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ME89-2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	2300	13200	67300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CLIENT: DOUBLESTAR RESOURCES LTD.
REPORT: V01-00838.0 (COMPLETE)

PROJECT: BELL
DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PAGE 2B(4/ 8)

STANDARD NAME	ELEMENT UNITS	S PCT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Zn PCT
ANALYTICAL BLANK		<0.01	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-
Mean Value		<0.01	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-
Accepted Value		<0.01	<0.1	<.01	<.01	<0.01	<0.01
OX9 Oxide		-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-
Mean Value		-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-
MP-1A		-	68.6	1.40	4.31	-	>15.00
MP-1A		-	-	1.41	-	-	>15.00
Number of Analyses		-	1	2	1	-	2
Mean Value		-	68.6	1.41	4.31	-	15.00
Standard Deviation		-	-	0.01	-	-	-
Accepted Value		-	69.6	1.44	4.33	19.02	19.02
MISC STD		-	148.0	1.58	1.58	-	1.60
Number of Analyses		-	1	1	1	-	1
Mean Value		-	148.0	1.58	1.58	-	1.60
Standard Deviation		-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-
ME89-2		-	290.9	0.24	1.35	-	6.91
Number of Analyses		-	1	1	1	-	1
Mean Value		-	290.9	0.24	1.35	-	6.91
Standard Deviation		-	-	-	-	-	-
Accepted Value		-	-	0.23	1.32	6.73	6.73

BONDAR CLEGG

Geochemical Lab Report

CLIENT: DOUBLESTAR RESOURCES LTD.

PROJECT: BELL

REPORT: V01-00838.0 (COMPLETE)

DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PAGE 3A(5/ 8)

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
CANMET LKSD-2	-	0.3	38	39	190	<1	24	15	1.0	<5	11	<5	3.29	1666	<10	200	33	44	<20	<20	55	1.53	0.63	0.56	0.03	0.26	30	27	4	16	3	<5	<10	0.09	3
Number of Analyses	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	-	0.3	38	39	190	<1	24	15	1.0	3	11	3	3.29	1666	5	200	33	44	10	10	55	1.53	0.63	0.56	0.03	0.26	30	27	4	16	3	3	5	0.09	3
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	0.8	36	40	200	2	23	16	0.8	-	9	1	3.50	1840	-	211	29	48	-	-	58	1.68	0.60	0.58	0.04	0.26	30	29	4	18	6	7	-	-	-

BONDAR CLEGG

Geochemical Lab Report

CLIENT: DOUBLESTAR RESOURCES LTD.
REPORT: V01-00838.0 (COMPLETE)

DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PROJECT: BELL

STANDARD NAME	ELEMENT UNITS	S PCT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Zn PCT
CANMET LKSD-2		0.15	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-
Mean Value		0.15	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-
Accepted Value		0.16	-	-	-	-	-

BONDAR CLEGG

Geochemical Lab Report

CLIENT: DOUBLESTAR RESOURCES LTD.
REPORT: V01-00838.0 (COMPLETE)

PROJECT: BELL
DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PAGE 4A(7/ 8)

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
192258		25	0.6	202	13	73	<1	231	66	0.5	<5	<5	<5	5.15	461	<10	80	398	105	<20	<20	<1	3.20	3.55	0.87	0.08	2.14	19	1	<2	12	5	<5	<10	0.23	<1
Duplicate																																				

BONDAR CLEGG

Geochemical Lab Report

CLIENT: DOUBLESTAR RESOURCES LTD.
REPORT: V01-00838.0 (COMPLETE)

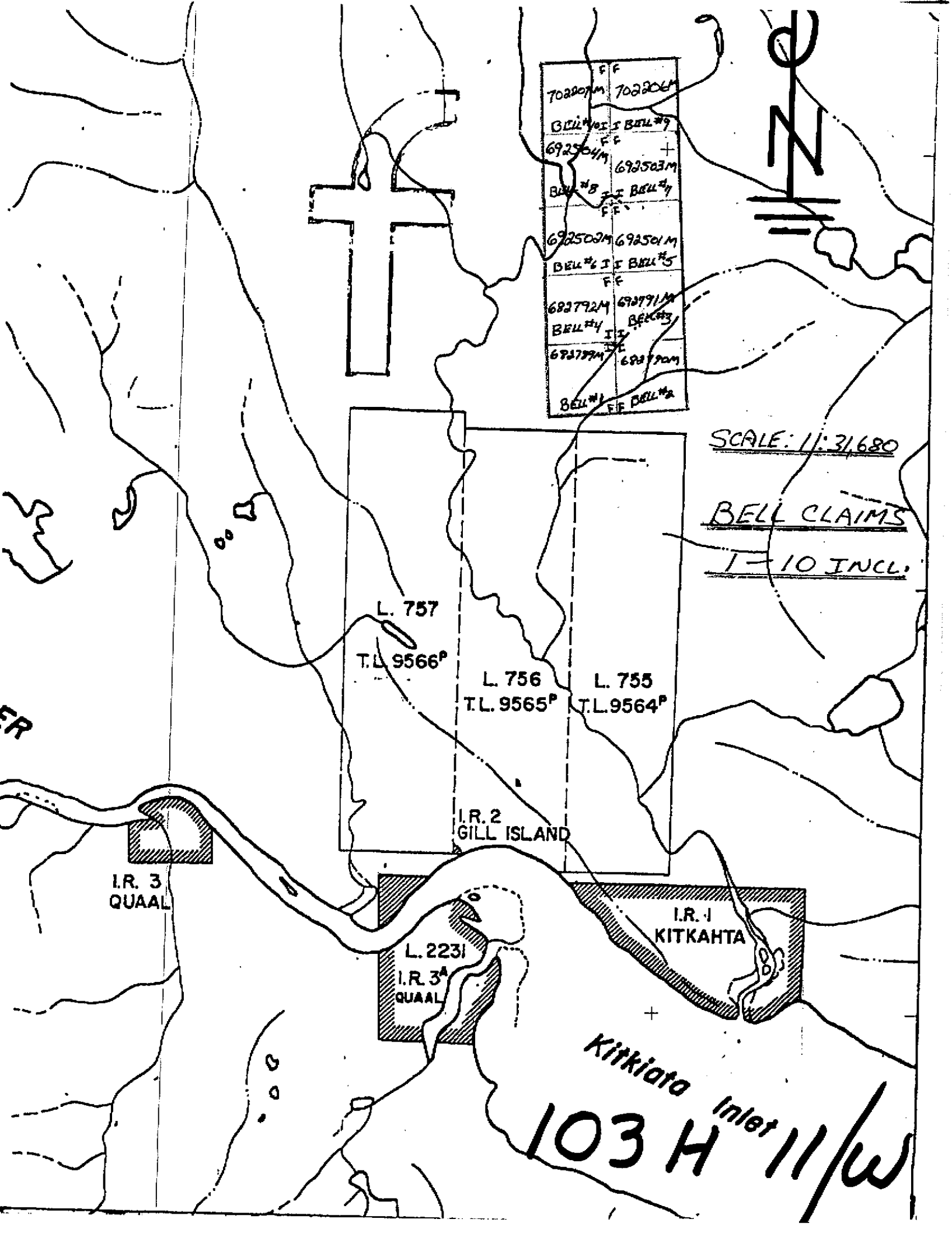
DATE RECEIVED: 16-MAY-01 DATE PRINTED: 24-MAY-01 PROJECT: BELL

SAMPLE NUMBER	ELEMENT UNITS	S PCT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Zn PCT
192258		1.95	<6.5	0.02	<.01		0.02
Duplicate			<6.5	0.02	<.01		0.02

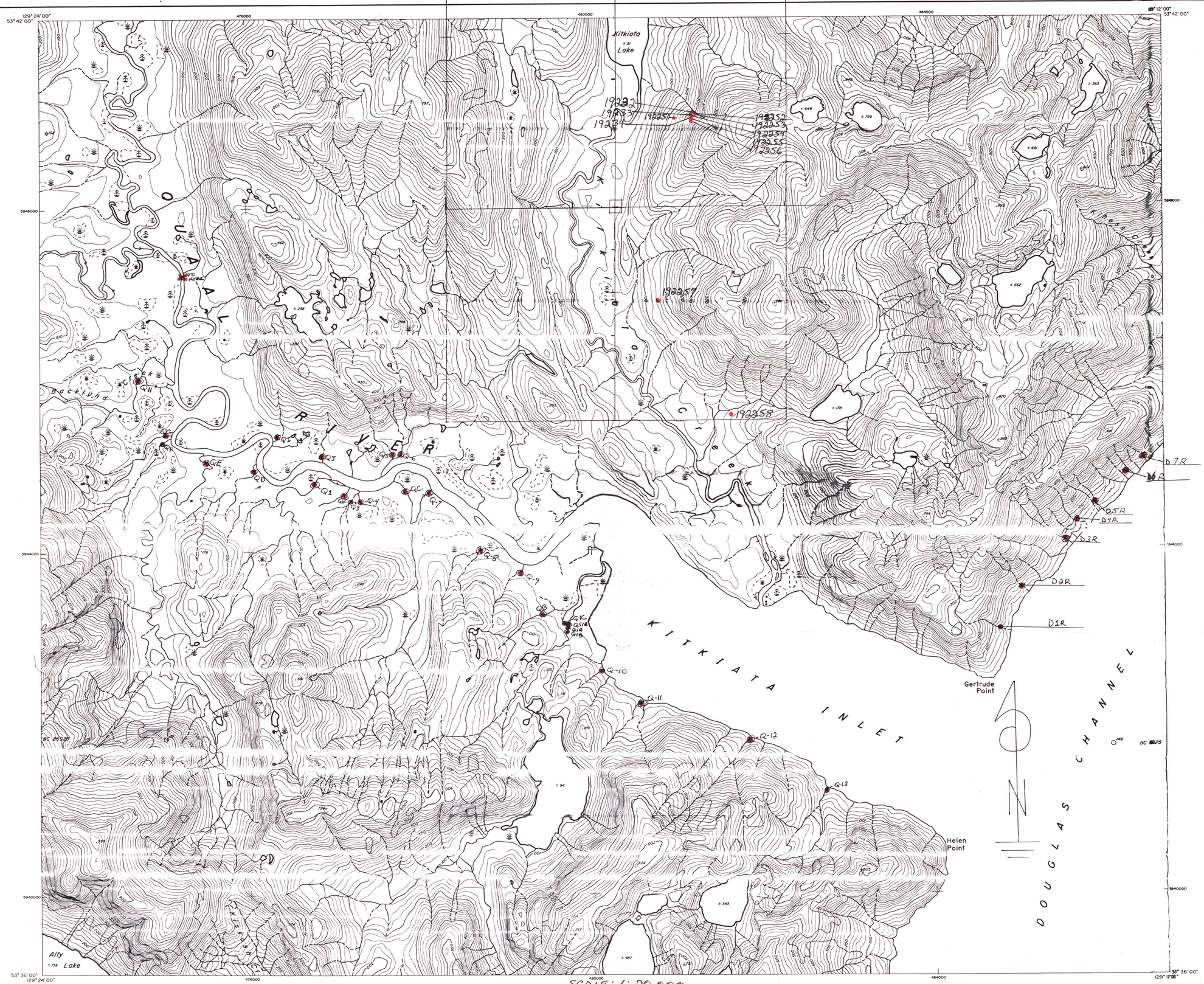
BC BONDAR CLEGG

CLIENT: DOUBLESTAR RESOURCES LTD. PROJECT: BELL
REPORT: V01-00838.0 (COMPLETE) DATE RECEIVED: 16-MAY-01 DATE PRINTED: 23-MAY-01 PAGE 1A(1/ 4)

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Bi PPM	Cu PPM	Cd PPM	Sb PPM	As PPM	Hg PPM
R2 192251		65	1.1	117	33	36	23	4	14	0.8	<5	9	<5
R2 192252		2422	>200.0	7646	>10000	>10000	6	2	10	>2000.0	<5	32	196
R2 192253		1101	111.7	4267	>10000	>10000	2	2	10	460.8	<5	26	62
R2 192254		16	1.2	72	236	286	39	7	16	3.0	<5	<5	<5
R2 192255		225	17.6	286	1455	2382	4	1	4	27.4	<5	22	14
R2 192256		66	4.1	147	760	2343	6	2	12	28.1	<5	31	<5
R2 192257		6830	>200.0	>10000	55	1049	<1	9	81	39.0	<5	<5	<5
R2 192258		25	0.6	202	13	73	<1	231	66	0.5	<5	<5	<5


N
SCALE: 1:31,680
BELL CLAIMS
1-10 INCL.
L. 757
T.L. 9566P
L. 756
T.L. 9565P
L. 755
T.L. 9564P
I.R. 2
GILL ISLAND
I.R. 3
QUAAL
L. 2231
I.R. 3A
QUAAL
I.R. 1
KITKAHTA
Kitkiata Inlet
103 H 11/W

BELL 1 TO 14



LEGEND

Transportation

- Road, paved
- Road, gravel
- Road, rough
- Trail/Cutline/Seismic line
- Railway, single track
- Railway, double track
- Railway, multiple track
- Railway, abandoned
- Wall, retaining
- Cut/Fill
- Bridge, to scale, symbolized
- Tunnel, to scale, symbolized

Landmark features

- Building, to scale, symbolized
- Built up area
- Fence
- Transmission line
- Tower

Drainage and related features

- Coastline/River/Stream, definite
- Coastline/River/Stream, indefinite
- River/Stream, intermittent
- River/Stream, split
- Lake, definite
- Lake, indefinite
- Dyke
- Flooded land
- Swamp/Marsh
- Beaver dam
- Dock/Wharf/Pier, symbolized
- Island, symbolized
- Water level

Relief features

- Contour, index, definite
- Contour, intermediate, definite
- Contour, intermediate, indefinite
- Contour, intermediate, depression
- Spot height

Vegetation

- Wooded area

Control data

- Control point, horizontal, permanently marked — 86HI228
- Control point, vertical, permanently marked — 86HA456

Cadastral

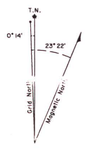
Surveys of Federal and Provincial Crown Land
Sub-division of Provincial Crown Land
Rights-of-way

- Township
- District lot/Township section/Indian reserve
- Mineral claim/Coal or Phosphate licence
- Rights-of-way, transportation
- 1/4 section/Foreshore lot/Subdivision/ Rights-of-way, utilities
- Cadastral tie

For complete reference to symbols, see "Specifications and Guidelines for Digital Baseline Mapping at 1:20 000" published by the Ministry of Environment, Lands, and Parks.

Notes

Digital data and additional copies of this map are available from MAPS-BC, Surveys and Resource Mapping Branch, Ministry of Environment, Lands, and Parks, Parliament Buildings, Victoria B.C. V8V 1X4.



Approximate Mean Declination 1995
for Centre of Map
Decreasing 13.6' Annually

01-42 (2)

103H.073	103H.074	103H.075
103H.063	103H.064	103H.065
103H.053	103H.054	103H.055

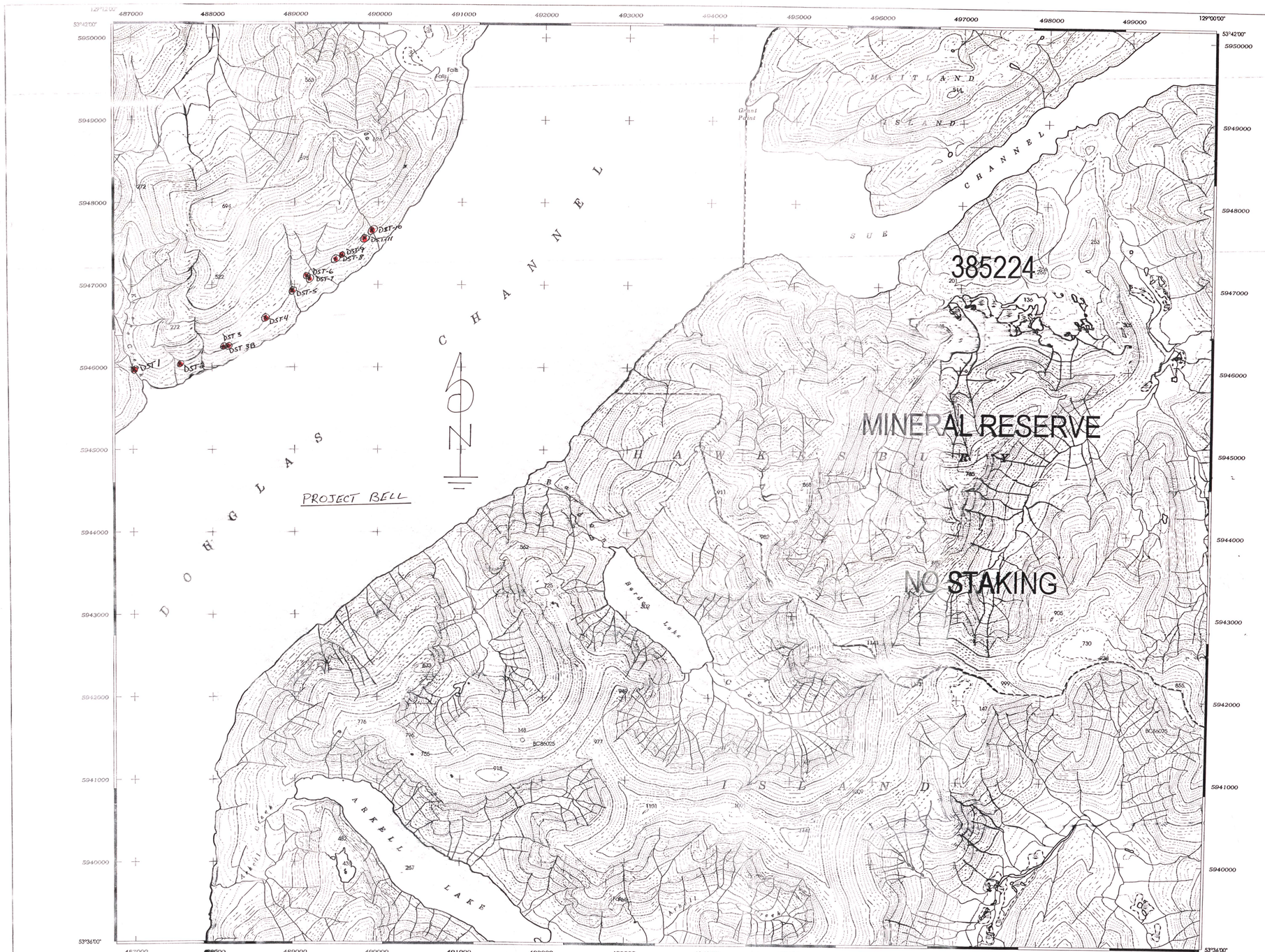
Adjoining Sheet Index in the
British Columbia Geographic System.

This map was produced in 1995, for the B.C. Ministry of Environment, Lands & Parks, Surveys & Resource Mapping Branch, under it's

SCALE: 1:20,000

Contours generated from Digital Elevation Model

DIGITAL DATA AVAILABLE



M103H065

MINERAL LEGEND

ADMINISTRATIVE AREAS

MINING DIVISION(S): SKEENA

LAND DISTRICT(S): RANGE 4, COAST

ADMINISTRATIVE BOUNDARIES

- MINING DIVISION
- LAND DISTRICT
- PROVINCIAL BOUNDARY
- INTERNATIONAL BOUNDARY
- NO STAKING RESERVE
- ECOLOGICAL RESERVE, PARK, OR RECREATION AREA
- INDIAN RESERVE (SEE NOTES 1) — I.R. 11
- CONDITIONAL AREA — SUBJECT TO CONDITION RESERVE, RELEASE REQUIRED RESERVE, SECTION 23 RECREATION AREA, (SEE NOTES 2) OR URANIUM / THORIUM REGULATION (SEE NOTES 3)

MINERAL TENURES

- MINERAL CLAIM
- MINING LEASE
- INDUSTRIAL MINERAL TITLE
- MINING LEASE — ML
- INDUSTRIAL MINERAL — IM
- CLAIM NAME — EXAMPLE
- TENURE NUMBER — 234567
- TAG NUMBER — 243765
- CLAIM SIZE (UNITS) — 4NX3W
- LEGAL POST
- WITNESS POST — WP
- TENURE HOOK
- VERIFIED — VER
- SURVEYED — SUR
- GLOBAL POSITIONING SYSTEM — GPS
- CROWN GRANTED 2 POST CLAIM — CG
- F LOT (Real Estate Lot) — F

REVERTED C.G. 2 POST CLAIMS

- Reverted C.G. (Not Open for Staking) — RCG
- BID LOT — BID
- R.C.G. (Issued under a former Act) — FA

PLANIMETRIC LEGEND

DRAINAGE AND RELATED FEATURES

- COASTLINE, DEFINITE / INDEFINITE
- RIVER / STREAM, DEFINITE / INDEFINITE
- ~~LAKE, DEFINITE~~
- LAKE, INDEFINITE
- DAM
- DYKE
- SAND / GRAVEL BAR
- FLOODED LAND
- SWAMP / MARSH
- FALLS / RAPIDS — Falls
- ICE FIELD / GLACIER
- RESERVOIR, DEFINITE — Reservoir
- RESERVOIR, INDEFINITE — Reservoir

- CLIFF / SCARP
- ESKER
- SLIDE

LANDMARK FEATURE

- MINE
- PIER / WHARF
- PIPELINE
- ~~QUARRY~~
- TRANSMISSION LINE

TRANSPORTATION FEATURES

- AIRFIELD
- CUTLINE / SEISMIC LINE
- RAIL LINE
- RAIL LINE (ABANDONED)
- ROAD, SURFACE PAVED
- ROAD, SURFACE LOOSE
- ROAD, SURFACE ROUGH / TRAIL
- BRIDGE

CONTROL DATA

- HORIZONTAL CONTROL POINT, MARKED
- VERTICAL CONTROL POINT, MARKED
- MAJOR CONTOUR
- MINOR CONTOUR
- CONTOUR INTERVAL - 20 METRES

DISCLAIMER

This map is prepared only as a guide to the location of mineral tenure as shown on the locator's sketches. For current or more specific information, application should be made to the appropriate Gold Commissioner.

SOURCES OF INFORMATION

Planimetric and topographic information is obtained from the Terrain Resource Information Management (TRIM) base mapping program. For more information contact Geographic Data BC, Ministry of Environment, Lands and Parks. Source Date: 1997 NOV 05

Cadastre produced from spatial data is obtained from the Cadastral Data Management System (CDMS). For more information contact the Surveyor General Branch, Ministry of Environment, Lands and Parks. Source Date: 1999 NOV 29

This map depicts only the mineral tenure theme. For the placer tenure theme see appropriate placer map and for the coal tenure theme see appropriate coal map.

Additional tenure information is available on the Internet: http:// www.em.gov.bc.ca /mkts

NOTES FROM MINERAL LEGEND

1. Staking is not permitted within Indian Reserves.
2. Staking is not permitted over Section 23 Recreation Areas See to a No Staking Reserve. (B.C. Reg. 97 / 97)
3. For Uranium and Thorium Regulations, please refer to Mines Act.

MISCELLANEOUS NOTES

Staking is not permitted over all Crown Granted Lots issued after August 15, 1988. (B.C. Reg. 138 / 94)

Staking is not permitted within tidal waters. (B.C. Reg. 100 / 68)

Surface lots with mineral rights are not shown.

Please refer to the Mineral Tenure Act , Mineral Tenure Regulation, Mines Act, and the Guide to Staking in British Columbia for more complete information.

GOLD COMMISSIONER OFFICES

CARIBOO
102 350 Barlow Street
Quesnel BC V2J 2C1
Public Query: (250) 992-4301
FAX: (250) 992-4344
Mining Division: Cariboo

VANCOUVER ISLAND
3001 1810 Blanshard Street
P O Box 9322 Stn Prov Govt
Victoria BC V8W 9N3
Public Query: (250) 952-0542
FAX: (250) 952-0541
Mining Divisions: Alberni, Nanaimo, and Victoria

OMINECA
1020 Murray Street Bag 5000
Smithers BC V0J 2N0
Public Query: (250) 847-7207
FAX: (250) 847-7232
Mining Division: Omineca

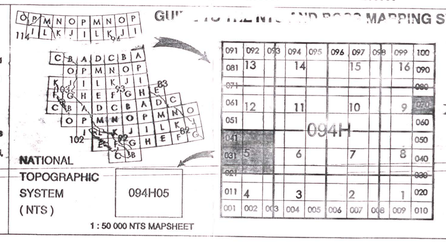
COAST / LIARD
302 865 Hornby Street
Vancouver BC V6Z 2G3
Public Query: (604) 660-2672
FAX: (604) 660-2683
Mining Divisions: Atlin, Clinton, Liard, Lillooet, Omenica, New Westminster, and Vancouver

KAMLOOPS / OKANAGAN
259-455 Columbia Street
Kamloops BC V2C 6K4
Public Query: (250) 828-4540
FAX: (250) 828-4163
Mining Divisions: Kamloops, Nicola, Cariboo, Revelstoke, Similkameen, and Vernon

EAST KOOTENAY
100 Cranbrook Street North
Cranbrook BC V1C 3P9
Public Query: (250) 426 1211
FAX: (250) 426 1253
Mining Divisions: Fort Steele and Golden

KOOTENAY
310 Ward Street
Nelson BC V1L 5S4
Public Query: (250) 354-6168
FAX: (250) 354-6407
Mining Divisions: Greenwood, Nelson, Slocan, and Trail Creek

GUIDE TO MINERAL TENURE AND BCGS MAPPING SYSTEMS



BRITISH COLUMBIA GEOGRAPHIC SYSTEM (BCGS) (Shown to scale)

1 CLAIM UNIT: 1640.42 ft; 25 ha; 61.78 ac; 500 m; 1640.42 ft; 500 m

(UTM) UNIVERSAL TRANSVERSE MERCATOR CROSS HAIRS EVERY 1000 METRES.

T.N. MAGNETIC NORTH — MAGNETIC DECLINATION AS OF 2000

INDEX TO ADJOINING MAPS

103H074	103H075	103H076
103H064	103H065	103H066
103H054	103H055	103H056

1000 m 0 1 km

ORIGINAL PRODUCED AT 1: 20 000

LAST MAP UPDATE: 2001 JUN 05

Version Number:0001

BRITISH COLUMBIA

MINISTRY OF ENERGY AND MINES

ENERGY AND MINERALS DIVISION
MINERAL TITLES BRANCH

MINERAL TITLES REFERENCE MAP

M103H065

1983 North American Datum
U.T.M. Coordinate System - Zone 09
Compilation Date: 2001 JUN 05

01-42 (3)

D. TECHNICAL REPORT

SUMMARY OF RESULTS

Name: Shawn Turford Reference Number P -78

Location/Commodities
Project Area : General (East Ootsa) Minfile nil
Location of Project area: NTS 93 F/12 W
Lat.- 53 27' Long.- 125 47'
53 43' 126 02'

Description of Location and Access:

Access is by truck and trailer from Francois Lake to Keef''s landing road to Ootsa lake, thence East Ootsa road to East Oota barge site. Crossing on barge to south shore then turning right on Uduk Main road to Grizzly Main road. Prospecting all side roads and blocks to new barge site. Also traveling on Chelaslie Main road to approx 15km to the C-10 block turn off road to access north side of C-10 block.

Prospecting Assistant(s)

Ralph Keefe, many years prospecting experience.

Main Commodities Searched for:

Skarn related VMS, Mineralized Breccia pipes Au, Ag, Cu, Zn, Pb

Known Mineral Occurrences in Project Area:

The main known mineral occurrence is the Ches claims,(assess report # 26354) located approx. 25 km to the south. Also Loon(minfile 093F061) 10 km to the west.

WORK PERFORMED

1. Conventional Prospecting.... rock sampling and creek silting was undertaken. 12 samples altogether.
2. Geological Mapping..... Maps of rock and silt locations
3. Geophysical..... 12 Rock and silt samples taken.
5. Physical Work..... nil
6. Drilling (no. of holes, size, depth in m, total m).....nil
7. Other (specify)..... nil

D. TECHNICAL REPORT

SUMMARY OF RESULTS

Name: Shawn Turford Reference Number P -78

Location/Commodities
Project Area : General (Whitesail Lake) Minfile nil
Location of Project area: NTS 93 E/10 W 93 F 5/E
Lat.- 53 31' Long.- 126 50'-127 10'

Description of Location and Access:

Access is by truck and trailer from Francois Lake to Owen-East, then left onto the Morice Tahtsa Main. Then onto the Reach Main until you reach HFP's barge site. Crossing the barge to the south shore onto the Whitesail Main prospecting new roads and blocks from 22km on (west). Also new roads and blocks on the Cariboo main.

Prospecting Assistant(s)

Ralph Keefe, many years prospecting experience.

Main Commodities Searched for:

Epithermal and Porphyry Cu, Au, Ag

Known Mineral Occurrences in Project Area:

The main known mineral occurrence is the Huckleberry Mine located approx. 15 km to the north.

WORK PERFORMED

1. Conventional Prospecting.... rock sampling and creek silting was undertaken. 32 samples altogether.
2. Geological Mapping..... Maps of rock and silt locations
3. Geophysical..... 32 Rock and silt samples taken.
5. Physical Work..... nil
6. Drilling (no. of holes, size, depth in m, total m).....nil
7. Other (specify)..... nil

D. TECHNICAL REPORT

SUMMARY OF RESULTS

Name: Shawn Turford Reference Number P -78

Location/Commodities
Project Area: General (Tout Lake) Minfile nil
Location of Project area: NTS 93 E/10 W 93 F 5/E
Lat.- 53 31' Long.- 126 50'-127 10'

Description of Location and Access:

Access is by truck and trailer from Francois Lake to Owen-East, then left onto the Morice Tahtsa Main. Then onto the Reach Main until you reach Nadina Main at 86 km point. Then to the Dual Lake Road, prospecting new roads and blocks to the west. Also prospecting areas to the west of Tout Lake.

PROSPECTING ASSISTANT(S)

Ralph Keefe, many years prospecting experience.

Main Commodities Searched for: Epithermal and Porphyry Cu, Au, Ag

KNOWN MINERAL OCCURRENCES in PROJECT AREA

The Huckleberry Mine located approx. 26 km to the south.

WORK PERFORMED

1. Conventional Prospecting.... roads and blocks to the northwest of Tout Lk prospected
2. Geological Mapping..... Maps of prospecting areas
3. Geophysical..... 0 rock and silt samples taken.
5. Physical Work..... nil
6. Drilling (no. of holes, size, depth in m, total m).....nil
7. Other (specify)..... nil

Note; we were pretty much snowed out for rest of trip. No sulphides found no samples taken. Unable to access monzinite outcrop or resample high assay Au outcrop. Further attempts proved useless because of snow.

D. TECHNICAL REPORTS (continued)

Name Shawn Turford Reference Number P-78

Location of Project Area: GENERAL (check maps)
(1) Three areas(targets) were visited.

1a) Ootsa Lake: From Francois Lake, take the Omineca Princess ferry to south side then travel to East Ootsa barge site. Then barge across to the south side, taking first right to Uduk main road, then to the Grizzly main road. The C-10 block is approx 8km south on the Chelaslie main road.

2a) Whitesail Lake: From Francois Lake Travel west on the Owen-east road, then left on the Morice-Tahtsa main road, then south on the Reach main road to Houston Forest Products barge site on Tahtsa Reach. Barge across to the Whitesail main road and prospect all new roads and blocks from 22km on (west). Also at the 12km point turning left on the Cariboo main road to all new logging roads and blocks.

3a) Tout Lake area: From Francios Lake to Owen-East road turning left on the Morice-Tahtsa main road approx 86 km to Nadina main road, then onto the Dual Lakes road then left onto the new logging roads and blocks. Also areas southwest of Tout Lake.

(2) Program Objective:

1b) Ootsa Lake: The main objective was to discover more mineralized skarn type outcrops as on our Ches claims. We did discover rhyolite, tuff, and breccia outcrops on the grizzly and area roads but assays proved unworthy of follow-up. We did find some interesting outcrops on the northeast side of the C-10 block but showed moderate assay results.

2b) Whitesail Lake: The main objective was to discover new mineralization on new logging roads and blocks. Also to follow-up 1000ppb Au silt sample from Cummings Creek, by Equity Mines. We prospected a portion of Cummings Creek and silted several areas in the creek. Our assay results were poor.
Also we prospected a highly gossanized area on new logging road at approx 28km on a branch road off of the Whitesail main. Assays were also disappointing. We thought this to possibly be a pyrite halo, but after some discussion we decided that it was probably intrusive related volcanics.

3b) Tout Lake: Our objective was to see if we could find: A) a quartz-monzonite intrusive, and an intrusive related outcrop northwest of Tout Lake. Also an outcrop, southwest of Tout Lake, that produced an interesting Au sample. After prospecting new roads and blocks on the 13 and 14th Oct. we were unable to continue because of heavy snow fall. We tried again on the 15th but the snow kept falling and we had to abandoned our endeavors. The snow levels stayed through out the fall and we were unable to finish.

D. TECHNICAL REPORT (continued)

3) Prospecting Results

1c) Ootsa lake C-10 block gave us some moderate results, as we sampled Skarn outcrops throughout the north section of the block. South section of the block had already been prospected the year before. This is a very large block and took a fair amount of time to complete. The grizzly road and side roads were prospected but encountered mostly alluvial. We did test a rhyolite, breccia outcrop on the grizzly main road but assay's were poor.

2c) Whitesail Main road and side roads proved to be poor in outcropping. The outcrops we did prospect were mostly volcanic. Main streams were silted, again with poor results. We sampled an outcrop on a branch road just off the Whitesail Main that hosted a large amount of pyrite in the intruded volcanics, but assays proved to be poor. No other sulphides were noted so the assay results were what was expected. We also spent time in Cummin's Creek to see if we could duplicate an Equity mine 1000ppb silt from that area. We could not.

3c) Tout Lake was a bit of a disappointment as were quite excited about this target. After prospecting new roads and blocks north of Tout Lake, we were directing our attention to a previously mapped monzonite intrusive. And an outcrop that produced for us, relatively high Au samples. It snowed over night and all the next day. While trying to do some work it proved to be waste of time and so we broke camp and went home. On further attempts also proved unobtainable as the snow stayed and never melted. This normally does not happen. We can usually prospect until the end of October.

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 [redacted] GENERAL WHITESAIL File # A102994 (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
021422	13.12	12.69	5.68	30.4	85	2.1	2.1	498	1.16	4.9	.2	1.2	1.4	15.3	.09	.12	.07	11	1.12	.036	12.5	40.0	.14	25.3	.003	2	.25	.032	.11	.4	03	8	.1	<.02	1.3
019468	1.71	6.14	1.96	11.4	17	3.0	3.8	86	2.13	1.0	.3	1.0	2.0	15.2	<.01	.10	.43	11	.19	.060	7.4	36.3	.24	84.7	.116	1	.81	.059	24	.6	06	<5	1.1	<.02	2.5
019469	1.48	11.06	12.11	35.3	41	4.2	7.2	387	3.68	1.4	.3	1.2	2.2	14.4	.13	.08	.45	17	.23	.077	10.2	21.2	.51	81.9	.160	1	.95	.023	.24	.5	07	<5	2.0	.02	3.1
019470	1.28	5.44	2.92	18.7	12	3.4	4.0	258	2.62	1.8	4	1.2	2.1	9.4	.01	.08	.31	11	.13	.060	5.3	25.3	.34	141.8	.116	<1	.71	.035	.21	.6	.04	<5	1.1	.05	2.5
019471	.93	2.21	2.37	13.2	9	3.8	11.7	716	4.17	2.5	.2	1.0	.8	72.4	<.01	.07	.55	44	1.11	.159	7.6	17.9	.86	69.8	.182	<1	2.33	.028	.18	<.2	.03	<5	.8	.06	6.4
019472	.80	11.42	5.06	63.5	25	5.5	7.3	644	3.90	2.0	.4	.9	1.6	7.8	.01	.08	1.02	19	.15	.065	5.1	25.1	.63	93.5	.104	<1	1.26	.034	.26	.4	.06	<5	1.4	.02	4.4
019473	1.22	10.58	5.38	15.1	19	1.4	2.2	182	3.75	3.6	.2	1.3	1.3	86.9	<.01	.10	1.09	20	.19	.123	7.5	11.5	.47	159.1	.159	1	1.05	.036	.27	<.2	.08	<5	2.0	.08	4.4
RE 019473	1.17	10.35	5.27	14.6	17	1.3	2.2	179	3.70	3.6	.2	1.2	1.4	88.9	< 01	09	1.07	19	.19	.122	7.5	11.8	.46	156.8	.157	1	1.04	.036	.28	<.2	.08	<5	2.0	.07	4.3
019474	1.67	21.04	9.15	90.9	41	4.3	5.1	1100	2.71	1.9	.5	.7	3.0	5.6	07	.06	.30	10	.11	.058	6.5	20.8	.53	56.1	.095	<1	.87	.071	.10	<.2	.07	<5	.7	.05	3.3
019475	1.50	5.04	3.76	25.0	14	3.4	3.9	262	2.65	1.6	.3	1.2	2.2	9.4	< 01	.07	.29	12	.23	.079	6.0	24.4	.44	82.4	.126	1	.74	.030	.24	.5	.04	<5	1.2	<.02	2.3
STD S3	1.61	31.03	8.17	45.4	48	11.8	11.6	430	3.23	2.7	.4	2.8	1.8	44.6	.08	.09	.13	122	.51	.040	8.9	33.7	.44	65.1	.324	1	3.33	.110	.04	<.2	.11	34	.2	<.02	9.2
192001	1.99	6.36	4.26	7.1	9	2.6	.9	100	.71	2.0	.4	.4	2.5	52.6	<.01	.08	.26	5	1.15	.018	5.5	34.2	.15	61.1	.067	1	1.69	.033	.12	8	.02	<5	.2	.02	2.6
192002	1.52	6.91	2.64	8.1	10	1.8	5.8	86	3.54	2.6	.2	4	1.6	20.7	<.01	.07	.64	9	.26	.088	6.7	24.6	.31	74.0	.115	1	.91	.027	.20	.5	.04	<5	2.3	.05	3.1
192003	1.32	26.46	2.24	39.7	10	4.4	8.8	656	4.48	4.4	.1	.4	1.0	26.3	<.01	.09	.27	65	.72	.233	5.1	18.4	1.22	118.8	.236	<1	2.03	.035	.12	.3	.03	<5	.5	.16	8.4
192008	2.17	3.27	12.50	62.3	22	1.5	.3	409	.66	2.9	1.2	< 2	4.1	1.1	.02	.53	.05	5	.01	.010	35.2	34.6	.02	21.0	.031	1	.19	.053	.14	.5	.04	315	<.1	<.02	1.9
192009	1.63	7.53	6.46	41.6	36	3.9	.3	230	.60	2.9	.5	<.2	5.7	1.0	<.01	.26	<.02	4	.01	.009	47.5	48.2	.03	13.9	.017	<1	.18	.036	.12	1.1	.02	145	<.1	< 02	2.5
STANDARD DS3	9.16	120.37	34.51	161.2	269	36.5	12.4	815	3.15	20.7	5.8	20.0	3.7	26.8	5.39	4.95	5.27	76	.54	.093	16.6	196.9	.60	148.3	.095	1	1.74	.026	.16	3.9	1.00	231	1.1	1.03	6.3

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 R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 2001 DATE REPORT MAILED: Sep 14/2001 SIGNED BY. J.W.S. J.D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data A FA

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

GENERAL - WHITESAIL

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT [redacted] File # A102994 (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	Pd ppb	Pt ppb	Sample gm
021422	.30	<.1	.14	<.02	3.8	1.3	.3	.11	<.05	4.6	4.98	23.9	<.02	4	.4	1.8	<10	<2	30
019468	.52	<.1	.29	.66	5.5	1.0	.8	1.08	.06	11.6	5.99	15.5	<.02	1	.2	2.9	<10	<2	30
019469	.68	<.1	.28	.43	5.5	1.5	.6	2.38	<.05	8.4	7.39	19.2	<.02	<1	.1	7.0	<10	<2	30
019470	.66	<.1	.15	.49	5.1	.8	.6	.78	<.05	5.0	5.27	11.0	<.02	<1	.2	4.5	<10	<2	30
019471	1.62	.1	.08	.11	3.6	5.2	.7	2.57	<.05	2.7	9.43	17.1	<.02	1	.4	7.4	<10	<2	30
019472	.43	.1	.16	.19	7.0	1.5	.4	1.62	<.05	4.5	5.70	11.1	<.02	<1	.3	8.5	<10	<2	30
019473	1.11	.1	.12	.29	6.5	2.0	.7	.56	<.05	4.0	5.30	14.6	<.02	<1	.2	6.1	<10	<2	30
RE 019473	1.17	<.1	.12	.28	6.7	2.2	.7	.57	<.05	3.9	5.25	14.8	<.02	1	.4	6.6	<10	<2	30
019474	.97	<.1	.14	.04	5.1	.8	.2	.93	<.05	5.1	7.21	12.8	<.02	<1	.4	8.9	<10	<2	30
019475	.56	.1	.16	.20	4.8	.8	.6	1.98	<.05	5.1	7.27	13.4	<.02	<1	.2	5.9	<10	<2	30
STD S3	.79	.1	.55	.46	2.6	5.9	1.0	.02	<.05	35.9	11.81	22.8	.04	<1	.6	8.1	<10	<2	30
192001	1.03	.1	.30	.37	2.2	.5	.6	.04	<.05	8.9	4.06	11.6	<.02	1	.4	2.1	<10	<2	30
192002	.72	.1	.15	.52	4.8	1.3	.5	2.57	<.05	5.4	6.18	14.4	<.02	1	.3	2.7	<10	<2	30
192003	.44	.1	.05	.17	3.2	4.3	.4	.62	<.05	1.7	9.84	12.3	<.02	2	.3	16.0	<10	<2	30
192008	.21	.1	.63	.26	3.9	1.8	1.9	.01	<.05	22.4	10.43	63.1	.06	<1	.2	3.0	<10	<2	30
192009	.12	.1	.20	.12	2.8	1.7	1.1	.01	<.05	6.0	18.45	83.0	.04	<1	.2	1.7	<10	<2	30
STANDARD DS3	5.50	.1	.16	1.61	13.6	2.7	7.0	.02	<.05	3.0	8.01	32.2	2.08	1	2.5	16.8	<10	<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 R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 2001 DATE REPORT MAILED: Sep 14/2001 SIGNED BY: ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date ____ FA ____

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT [redacted] File # A102995 (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
021423	.65	9.74	5.65	52.3	37	7.6	9.0	1051	3.05	5.3	3	20.9	1.1	44.9	.19	.26	.06	67	.52	.081	10.3	11.2	.52	93.1	.099	1	1.19	.013	.05	<.2	.03	14	<.1	<.02	4.4
021424	1.90	13.02	7.92	64.2	55	7.3	10.0	1363	2.08	8.2	5	1.8	1.0	42.6	.23	.28	.19	59	.52	.087	16.9	10.9	.58	114.3	.025	1	1.37	.011	.05	< 2	.04	22	.2	.09	4.9
021425	.62	28.75	7.60	86.0	39	15.2	15.6	996	4.37	9.5	.6	.6	1.9	92.3	.11	.33	.08	139	1.04	.136	16.9	24.0	.76	157.0	.149	1	1.68	.021	.10	<.2	.04	41	.1	.02	6.3
STD SJ3	1.44	30.93	8.19	47.9	49	11.5	11.3	430	2.32	2.0	.4	1.0	2.0	43.9	.07	.09	.13	123	.48	.038	10.0	32.1	.44	63.0	.310	1	3.31	.112	.04	.2	11	28	.3	.03	9.2
197004	1.69	11.19	6.30	51.4	54	7.5	11.4	1167	2.76	5.9	.4	1.4	.5	39.5	.22	.24	.09	59	.40	.072	11.3	11.2	.47	83.6	.044	1	1.38	.010	.04	<.2	.04	29	.2	.03	4.2
197005	2.49	7.86	4.44	32.7	110	5.0	9.8	2178	2.99	5.2	.7	9.7	2	30.5	.20	.19	.05	51	.48	.095	15.9	8.6	.31	98.0	.020	1	1.50	.008	.03	<.2	.07	95	.1	<.02	3.6
197006	.92	9.57	5.85	40.1	128	6.3	6.5	626	1.84	7.6	.5	.9	.2	29.6	.20	.20	.05	37	.35	.069	14.6	8.8	.37	99.8	.026	1	1.47	.009	.04	<.2	.05	61	.1	<.02	4.2
RE 197007	1.00	35.83	17.65	87.0	76	15.7	16.7	1105	3.62	10.7	.6	.8	2.2	47.0	.27	.60	.09	83	1.00	.146	19.1	16.7	.81	158.4	.049	1	1.19	.013	.08	<.2	.05	25	<.1	.02	4.8
STANDARD DS3	9.21	122.53	36.39	151.2	221	36.5	17.3	796	3.17	29.8	6.1	20.5	4.1	27.6	5.68	5.36	5.30	79	.52	.092	17.9	179.1	.59	144.9	.096	1	1.70	.027	.17	4.0	1.04	229	1.2	1.02	6.5

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: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 2001 DATE REPORT MAILED: Sept 13/01 SIGNED BY: C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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 [redacted] File # A102995 (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	Pd ppb	Pt ppb	Sample gm
021423	.85	.1	.07	.45	4.1	3.3	.7	.02	<.05	3.0	8.80	19.8	.02	<1	.3	10.8	<10	<2	30
021424	.88	<.1	.07	.36	5.2	2.8	.7	.04	<.05	.5	13.82	32.1	.02	<1	1.0	14.4	<10	<2	30
021425	.91	.1	.18	.13	4.3	4.0	.7	.07	<.05	8.5	12.82	32.2	.03	<1	.6	9.5	<10	<2	30
STD S3	.79	.1	.69	.58	2.6	6.8	1.0	.01	<.05	38.6	12.57	25.4	.04	5	.5	8.2	<10	<2	30
192004	1.12	<.1	.02	.61	4.6	2.3	.5	.08	<.05	1.5	9.73	24.1	<.02	<1	.5	12.8	<10	<2	30
192005	1.34	.1	<.02	.47	3.1	1.5	.4	.10	<.05	.4	12.54	28.0	.02	4	.6	10.5	<10	<2	30
192006	1.65	<.1	<.02	.71	4.0	1.9	.5	.07	<.05	.5	11.53	23.6	.02	2	.5	14.2	<10	<2	30
192007	1.67	.1	.13	.08	4.4	4.5	.6	.10	<.05	6.5	15.06	35.8	.03	1	.5	14.6	<10	<2	30
RE 192007	1.66	.1	.14	.06	4.6	4.4	.5	.09	<.05	6.2	15.11	37.0	.04	3	.5	14.7	<10	<2	30
STANDARD DS3	5.76	.1	.13	1.49	14.4	2.7	6.8	.03	<.05	2.8	8.39	31.7	2.11	2	2.2	16.2	<10	<2	30

GROUP 1F3D - 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: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 2001 DATE REPORT MAILED: Sept 13/01 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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 GENERAL File # A103581 (a)

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

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
S1	.36	14.34	1.06	2.4	11	1.0	.2	10	.07	2.1	<.1	.7	<.1	3.2	.01	25	<.02	<2	14	.001	<.5	7.1	.03	6	/<.001	<1	.01	.503	.01	<.2	<.02	<5	.1	<.02	.1
192024	3.15	3.24	11.87	21.4	57	1.0	.3	39	.80	27.5	1.4	1.8	10.2	6.3	.01	3.39	.12	5	.04	.024	53.9	34.4	.03	43.6	<.001	<1	.41	.039	.17	.2	.03	6	1	<.02	2.0
192025	2.58	247.97	9.38	175.3	261	45.2	24.7	554	2.63	11.8	.2	1.2	.9	71.7	.79	.53	.03	98	3.40	.130	8.0	94.7	1.39	7.9	.238	8	2.56	.017	.03	.9	<.02	<5	.2	.04	5.5
192026	27.57	53.81	6.04	56.2	88	3.6	13.0	375	4.09	174.8	.2	1.4	.6	37.5	.14	.71	1.47	55	2.05	.104	4.7	8.6	.78	39.6	.158	4	2.39	.090	.20	.9	.12	<5	.4	.40	10.0
192027	3.04	7.19	7.92	29.9	66	2.8	6.8	889	2.95	14.3	.1	4.7	.4	106.9	.08	.53	1.04	40	1.47	.126	2.8	11.6	.86	35.1	.076	3	3.01	.308	.14	1.0	.07	<5	2.8	.09	8.2
192028	3.25	58.64	8.00	33.8	90	1.9	11.3	166	2.08	68.3	1	1.7	.7	28.7	.15	1.39	.17	18	.95	.132	5.7	27.4	.20	34.8	.107	3	.87	.089	.14	.7	.03	<5	.1	.04	3.3
192029	2.18	127.25	6.17	52.1	206	11.1	10.5	279	4.31	9.1	.4	5.7	.9	6.0	.29	.68	.72	133	.36	.050	4.0	63.0	.61	46.9	.210	1	.77	.077	.25	1.7	.16	<5	1.1	.20	3.1
192056	3.15	17.49	3.28	75.3	39	25.9	10.6	636	3.07	6.2	.1	.3	.8	20.6	.14	.48	.10	59	.76	.118	4.8	93.7	1.20	34.3	.128	1	1.56	.057	.07	.5	.03	<5	.1	.05	7.6
RE 192056	3.33	18.12	3.36	76.3	39	26.5	10.9	646	3.11	6.5	.1	<.2	.9	21.8	.16	.51	.10	60	.79	.123	5.2	91.9	1.22	35.2	.133	1	1.59	.058	.07	.5	.02	<5	.2	.05	7.9
192057	5.72	165.64	59.08	65.0	657	12.6	38.7	1796	11.34	53.5	.2	2.3	.4	17.2	.14	1.84	2.03	21	.46	.030	2.6	12.5	1.69	8.5	.084	1	2.22	.002	.01	1.4	.03	<5	18.3	.61	9.2
192058	29.04	426.10	5.81	39.6	307	13.1	16.3	534	4.68	15.4	.2	13.1	.5	15.9	.21	1.03	2.38	63	1.00	.078	3.1	15.7	.78	18.7	.114	2	1.46	.046	.07	1.0	.19	7	7.9	.71	5.7
STD S3	1.56	31.68	7.84	45.3	59	10.8	11.1	449	3.19	3.0	.5	1.4	1.9	46.9	.07	.09	.13	126	.51	.040	10.2	36.3	.46	68.0	.324	1	3.78	.131	.05	<.2	.11	25	.2	.03	9.4
192059	2.54	20.14	2.44	27.0	39	8.9	13.7	382	3.64	10.9	.1	1.3	.3	15.6	.04	.34	.46	123	.53	.039	1.8	64.7	1.36	19.1	.098	1	1.39	.092	.19	1.1	.17	<5	4.1	.16	7.9
192060	2.12	45.02	2.02	54.3	55	33.6	17.9	640	3.56	17.6	.2	.9	1.3	67.9	.05	.92	.23	124	1.06	.090	4.7	46.5	1.67	78.0	.174	2	2.35	.145	.50	.4	.45	<5	1.2	.05	9.1
192061	1.80	26.78	4.21	29.3	72	7.6	13.5	552	2.96	4.4	.2	.9	1.6	22.2	.02	.36	.04	54	.34	.134	7.4	31.1	.32	60.0	.064	1	1.27	.034	.18	.4	.07	6	.2	<.02	3.3
STANDARD DS3	8.79	124.63	34.03	153.8	284	35.6	11.6	788	3.06	29.8	5.9	23.2	3.6	26.3	5.38	4.49	5.55	75	.50	.095	17.0	182.5	.57	146.0	.085	2	1.65	.028	.16	3.8	1.03	241	1.2	1.88	4.4

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 R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 10 2001 DATE REPORT MAILED: Oct 25/01 SIGNED BY: .....C.L.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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 GENERAL File # A103581 (b)

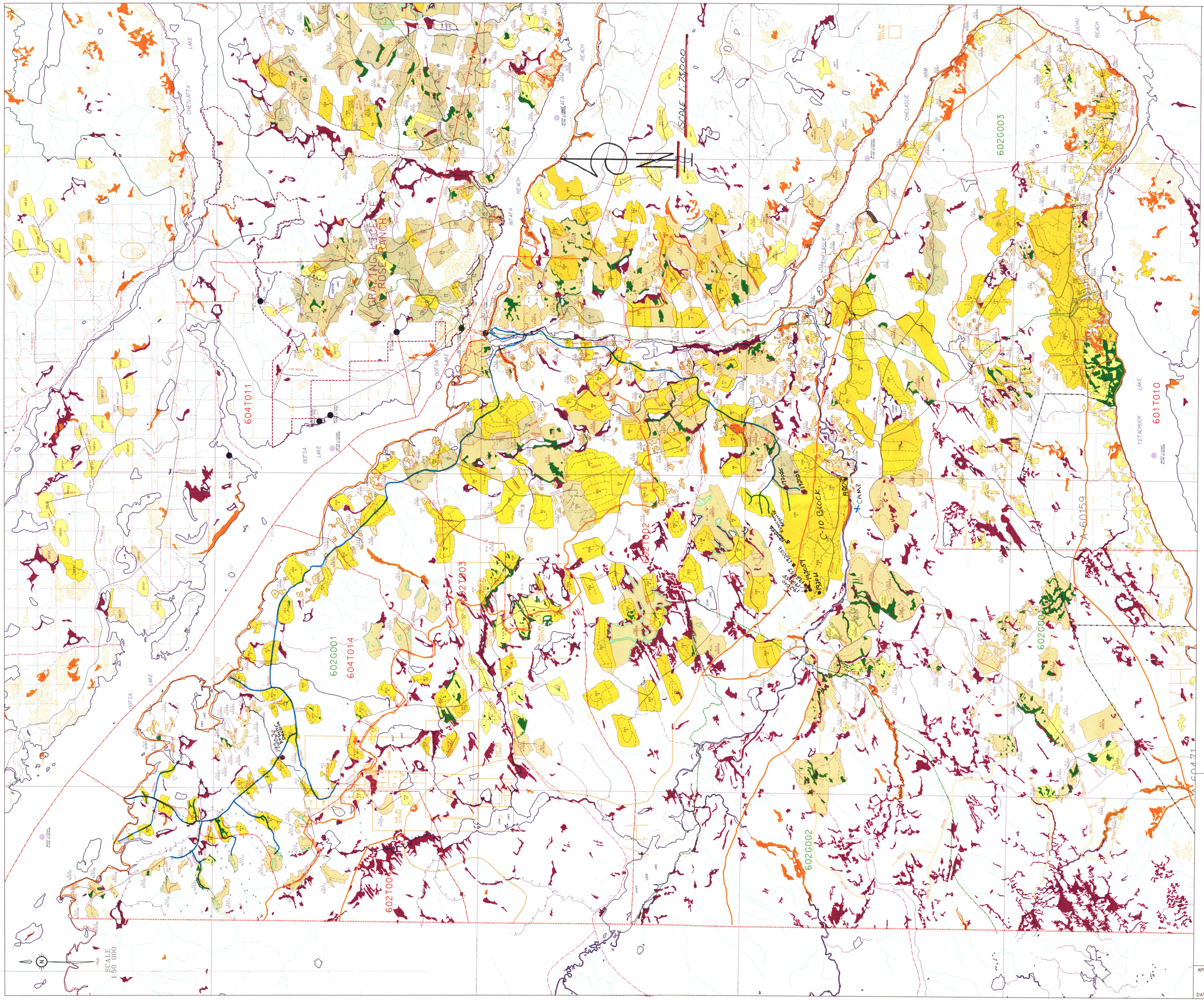
800 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: SHAWN TURFORD

SAMPLE#	Cs ppm	Ga 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	Pd ppb	Pt ppb	Sample gm
S1	<.02	<.1	<.02	<.02	.2	<.1	.1	.03	<.05	.3	.09	.2	<.02	<1	<.1	.2	<10	<2	30
192024	.60	.1	.33	.04	4.7	.8	.4	.07	<.05	9.6	12.59	100.2	.04	<1	.4	.8	<10	<2	30
192025	.29	.2	.31	.07	.8	1.9	.4	.49	<.05	9.4	7.62	16.3	<.02	1	.3	21.6	<10	<2	30
192026	1.97	.1	.27	.08	11.7	2.1	.5	1.93	<.05	5.7	8.39	10.3	<.02	1	.4	41.8	<10	<2	30
192027	2.24	.1	.06	.11	5.9	1.2	.7	1.41	<.05	1.5	6.26	6.0	<.02	2	.5	42.1	<10	<2	30
192028	1.55	.1	.23	.21	4.7	.8	.3	.95	<.05	2.9	10.76	12.6	<.02	1	.2	8.5	<10	<2	30
192029	.51	.2	.21	.15	10.9	3.1	1.6	2.39	<.05	3.3	8.70	7.7	.05	<1	<.1	11.6	<10	<2	30
192056	1.44	.1	.28	.13	3.3	2.6	.4	.56	<.05	3.9	8.83	9.4	.02	1	.2	42.2	<10	<2	30
RE 192056	1.45	.2	.26	.12	3.4	2.6	.4	.58	<.05	4.4	9.10	10.1	<.02	1	.3	42.5	<10	<2	30
192057	.47	.7	.38	.11	1.1	2.7	2.0	7.53	<.05	6.9	5.60	5.1	.31	2	.2	26.9	<10	<2	30
192058	1.32	.2	.24	.08	3.3	3.8	1.3	2.33	<.05	6.4	8.10	6.0	.08	265	.4	29.6	<10	<2	30
STD S3	.85	.1	.67	.50	2.9	6.6	1.1	.02	<.05	39.4	13.06	25.6	.05	1	.6	8.5	<10	<2	30
192059	2.54	.1	.10	.05	7.7	5.3	.6	1.78	<.05	1.5	7.72	3.9	.03	2	.3	37.1	<10	<2	30
192060	8.24	.1	.15	.04	23.7	3.3	.4	.45	<.05	3.5	6.68	9.6	.02	2	.3	39.9	<10	<2	30
192061	5.04	<.1	.02	.06	6.6	.9	.2	1.13	<.05	.5	9.11	14.6	<.02	1	.6	63.9	<10	<2	30
STANDARD DS3	5.44	.1	.20	1.47	13.9	2.7	7.0	.03	<.05	2.8	8.13	30.2	2.11	1	2.4	15.8	<10	<2	30

GROUP 1F3D - 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 R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 10 2001 DATE REPORT MAILED: Oct 25/01 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data___ FA___



CATEGORY 'A' APPROVED CUTBLOCK

CATEGORY 'A' PROPOSED CUTBLOCK AMENDMENT #5

HARVESTED CUTBLOCK

HARVESTED CUTBLOCK -PATCH CUT OR SELECTIVE

SUFFIECIENTLY RESTOCKED CUTBLOCK

GREEN UP ACHIEVED CUTBLOCK

ROAD PERMIT -PREVIOUSLY PROPOSED

ROAD PERMIT -NEW PROPOSED

Cutblock ID (Three letters)

FLS 12305

Cutting Permit Number (Three letters)

Block Identifier

ACCESS STRUCTURES

EXISTING F.S.R.

EXISTING ROAD PERMIT

EXISTING TEMP. ROAD

TEMPORARY DEACTIVATION

PERMANENT DEACTIVATION

SEMI-PERMANENT DEACTIVATION

ACCESS CONTROL POINT

BRIDGE -PERMANENT

BRIDGE -TEMPORARY (15 YEARS)

BRIDGE -PORTABLE (3 YEARS)

CULVERT ( ) 2000MM)

NATIVE TRAIL

FOREST COVER THEMEING

LAKE

STREAM -FISH BEARING

STREAM -FISH BEARING DEFAULT

STREAM -NON FISH BEARING

STREAM -NON CLASSIFIED DRAINAGE

SWAMP

NON PRODUCTIVE AREA

ENVIRONMENTALLY SENSITIVE SOILS Es

ENVIRONMENTALLY SENSITIVE SOILS Ess

WILDLIFE TREE PATCH (DEFINITE LOCATION)

WILDLIFE TREE PATCH (POSSIBLE LOCATION)

MoELP GUIDING TERRITORIES

MoELP TRAPPING TERRITORIES

COAT AREA

FRASER LAKE SAWMILLS

A Division of West Fraser Mills Ltd.

FOREST DEVELOPMENT PLAN

EAST OOTSA SOUTH

F.L. A16826
2000 TO 2005
AMENDMENT #5

EXPEDITED MAJOR SALVAGE OPERATION

DATE : JUNE 13, 2001

DRAWN BY	FOREST REGION	FOREST DISTRICT
F. HANKINS	PRINCE RUPERT	LAKES

APPROVED BY

DATE 01-92 (4)

houston FOREST PRODUCTS CO.

WHITESAIL

Morice T.S.A. 20
Forest Development Plan Map
A16827

01-42 (5)

NAD 83 TRIM 1994

SCALE 1 : 50000
1 cm = 500 metres

0 500 1000 1500 2000 2500 3000 3500

FDP Submission Date: June 1, 2000

Map Revision date: 25 Apr 01

Period of Harvest

	Information	Proposed	Approved
Category "A" cutblock		A	A
Category "I" cutblock		I	I
Salvage cutblock		SC	SC
TSL/Cutting permit		TSL	TSL
Harvest Unit		HU	HU
Partial cut silviculture systems		SBQ	SBO
Adjacent licensee cutblock			
Proposed Year of Development			
2001		2002	
2003		2004	
2005		2006	

Cut Block Label

Cutting permit/block number 0513/001

Forest Cover

- SR tree height < 3 m
- SR tree height >= 3 m
- Immature coniferous
- Mature conif. (Net Vol > 0)
- Non-contributing coniferous
- Deciduous
- NSR
- NCBr
- Non-productive types
- ES Areas
- Forest cover (timber typeline)
- Contour index (definite) - TRIM
- Contour index intermediate (definite) - TRIM
- Contour index intermediate (definite) - TRIM (20 metre interval)

Streams & Wetlands

- Rivers and Lakes
  - Unclassified
  - Classified lakes (L1 - L4) — L1
- Wetlands
  - Unclassified
  - Classified (W1 - W5) — W1
- Streams
  - Unclassified - indefinite
  - Unclassified - definite
  - Classified - fish bearing (S1-S4) — S1
  - Classified - non fish bearing (S5-S6) — S5
  - Unclassified - fish bearing (NS1-NS4) — NS1
  - Unclassified - non fish bearing (Fish Inven.)
  - Unclassified - fish bearing (Fish Inven.)

Public Utilities

- Transmission line
- Pipeline (oil or gas)
- Pipeline (water) / ditch flume
- Railway

Mapping Features

- Marsh or swamp
- Mine
- Pits - sand & gravel - TRIM/MOF — P — PIT
- Quarries — Q
- Rock — R or Rock
- Wells
  - Gas, oil & water — OIL
  - With a pump

Access Management

- Bridge
  - Existing (temp = T, perm = P)
  - Proposed (temp = T, perm = P)
- Culvert (> 2000 mm)
  - Existing
  - Proposed
- Highway
- Secondary Road - Public
- Forest Service Road
- Road
- Trail
- Unclassified Road
- Road Label
- Seasonal Road Label
- Road Barrier
  - Existing
  - Proposed
- Road category "I" - Information
- Road construction/modification - proposed

Road Deactivation

- Temporary
- Semi-Perm.
- Permanently
- Note: Black is Existing, Red is Proposed.

Log Handling

- Dryland sort, water sort, log dump, barge
- Mill Site
- Helicopter log drop area
- Balloon log drop area

Management Areas

- Cultural heritage (CH)
- Designated reserve (DES)
- Ecological reserve (ECO)
- Indian reservation (IR)
- Legal lot
- Old growth management area (OGMA)
- Management area label
- Operability line
- Plus tree
- Private land
- Protected Areas & Parks
- Scenic area (ScA)
- Special use permit (SUP)
- Ungulate winter range (UWR)
- Wilderness area (WA)
- Wildlife habitat area (WHA)
- Range unit boundary
- Guide territories
- Trap line territories
- Wildlife tree patch (WTP)

Management Areas

- Lincensed domestic water intake - MOF & MOE
- Community watersched (CW)
- Community water intake - MOF & MOE

Government Approved Experimental Trials

- Growth and yield plots
- Operational trials
- Research installations

Higher Level Plans

- Landscape unit — LU
- T.S.A. boundary — TSA
- Planning cell — PC
- Resource management zone
  - Enhanced (ERMZ) — ERMZ
  - General (GRMZ) — GRMZ
  - Special (SRMZ) — SRMZ
- Sensitive area
  - points — XYZ
  - boundary

Terrain Slope and Stability

- Likelihood of landslide - high & moderate — S
- Terrain stability - unstable & potentially unstable — U
- Soil erosion potential - very high & high — VH
- Terrain boundary
  - Definite
  - Indefinite
  - Arbitrary
- Terrain > 60% slope

Recreation Areas

- Recreation site - existing & proposed
- Point of interest or recreation feature
- Recreational trail — Bowden trail
- Portage trail

Range Developments

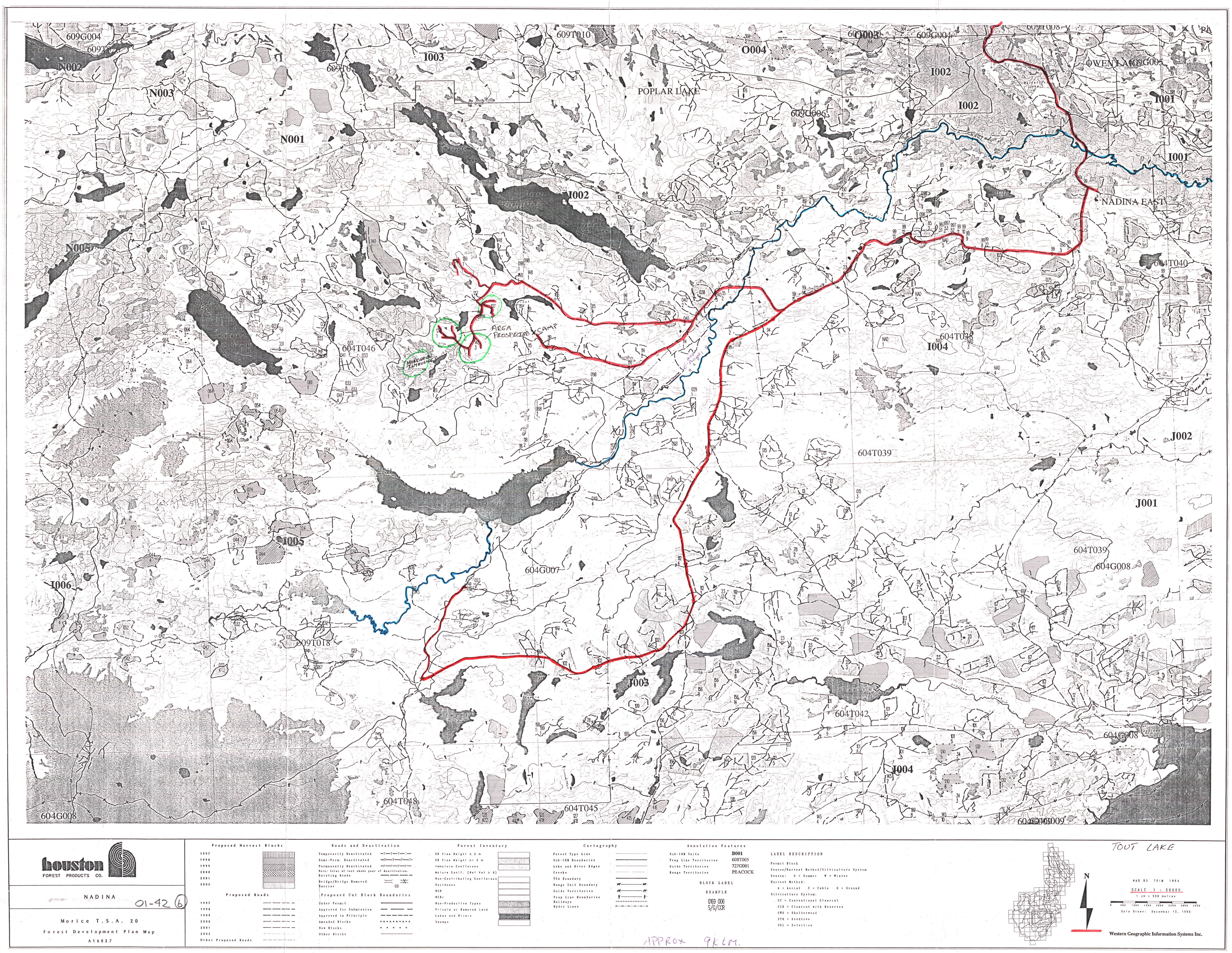
- Range barrier
- Range cattle exclosure
- Range cattle guard - existing & proposed
- Range corral
- Range dam
- Range ditch flume
- Range drop off
- Range fence
  - Existing
  - Proposed
  - Private
- Range gate - existing & proposed
- Range salt — S
- Range spring
- Range spring with trough
- Range stock bridge
- Range tank - MOF/TRIM
- Range water development - existing & proposed
- Range well
- Range well with windmill

Note(s)

Where the proposed features are applicable to the FDP, they will be symbolized by the color of the development year

N

Western


609G004
N002
N003
N001
N005
I003
609T010
O004
POPLAR LAKE
609G006
I002
OWEN LAKE
I001
NADINA EAST
604T040
604T046
AREA PROSPECT
CAMP
604T038
I004
J002
604T039
J001
604G007
604G008
I005
I006
609T018
J003
604T042
604T048
604T045
604G008
houston FOREST PRODUCTS CO.
NADINA
01-42 (6)
Morice T.S.A. 20
Forest Development Plan Map
A16827
Proposed Harvest Blocks
Roads and Deactivation
Forest Inventory
Cartography
Annotation Features
LABEL DESCRIPTION
Proposed Roads
Proposed Cut Block Boundaries
APPROX 9KM.
TOUT LAKE
N
NAD 83 TRIM 1994
SCALE 1 : 50000
1 cm = 500 metres
0 500 1000 1500 2000 2500 3000 3500
Date Drawn: December 13, 1996
Western Geographic Information Systems Inc.