REPORT OF FINDINGS
YMIP #02-004

By

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WHITEHORSE, YUKON TERRITORY
Y1A 5P7

22 NOVEMBER, 2002

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SUMMARY

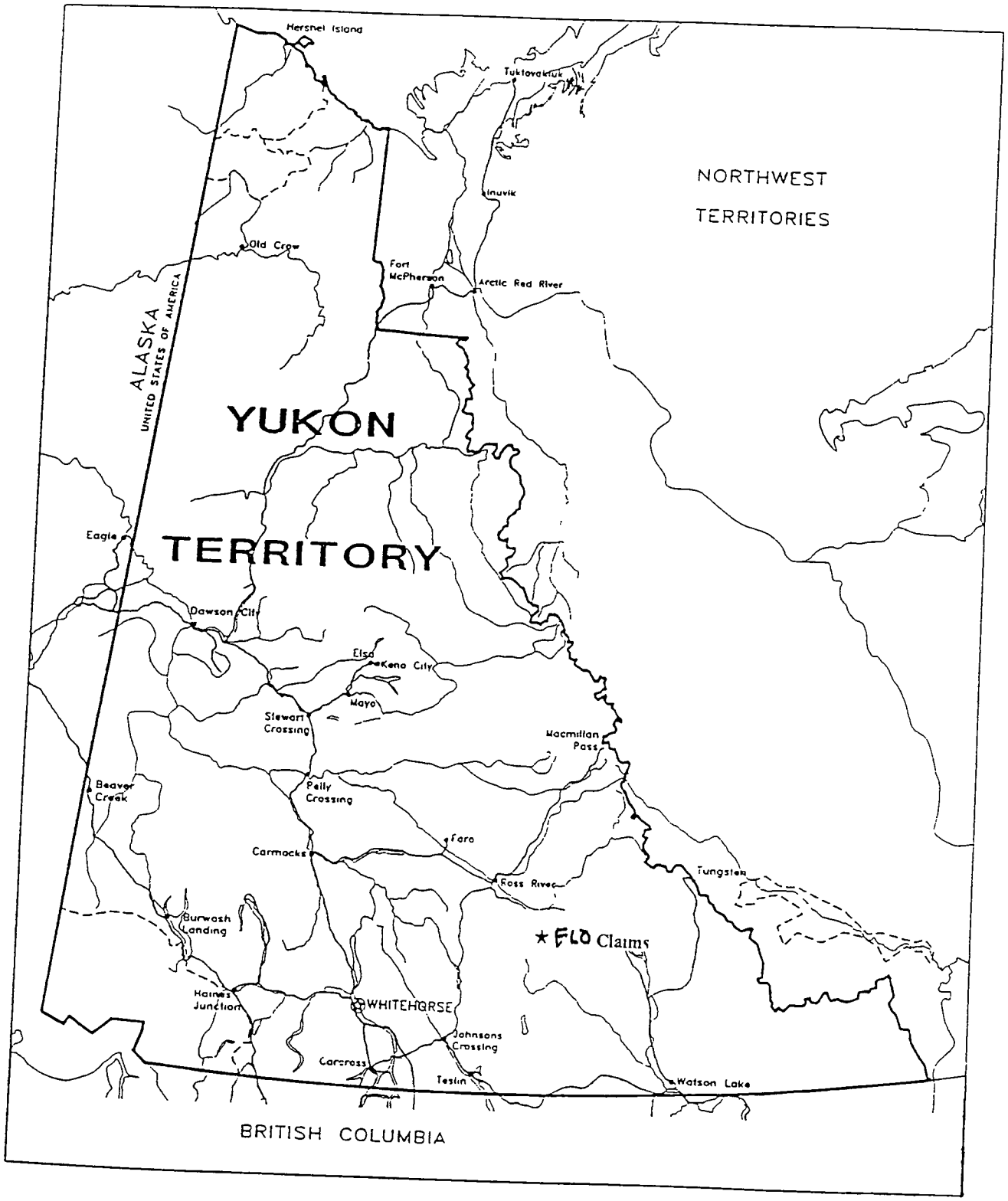
Prospecting during the 2002 field season was carried out in the Pelly Mountains under funding through the Yukon Mining Incentives Program (Y) supplemented by an equal contribution committed by Solomon Resources Limited (S) of Vancouver

Targets were {1} evaluation (Y+S) of the FLO 1-4 claims staked in 2001 covering fluorspar-rich greisen, (2) completion (Y+S) of the deep-pit sampling of glacial till in the search for the bedrock source of the 'Dodge' zinc-rich boulder along the Hoole River, and (3) reconnoiter (S) the MAUI claims (Dodgex Ltd) to evaluate the potential for occurrence of emeralds inferred by anomalously high beryllium in rock samples reported in 1998

Prospecting of the FLO property resulted in a greatly enlarged outcrop area of the fluorspar-rich pneumatolitic greisen replacing augen orthogneiss The greisen is characterized by pervasive chalcedonic silicification and accompanying white mica, with only isolated pockets of tourmalinization No beryllium or tin occurrences were noted, nor was the magmatic bedrock source of greisenization seen The single anomalously high base metal concentration in a (2001) boulder was not found in bedrock or other glacially wrenched boulders No recommendations can be made for further work on the FLO claims Nevertheless, greisen in YTT rocks to the north could, if found, boost the potential for presence of emeralds

Glacial till samples were collected from 24 sites in Areas A, B, E, and F as designated in the 2001 Program These areas were the last of six wide-spaced fences of sampling established to detect a geochemical plume of zinc in till which might signal the existence (up-ice) of a zinc-rich stratiform bedrock such as is displayed by the 'Dodge' sphalerite-in-metaquartzite boulder alongside the Hoole River In Area B Sample #118703 carried a moderately anomalous high of zinc, silver, and barium The last 2002 sample (#118739) taken from Area E, approximately 5 km up-ice from the boulder, exhibits a weak zinc/cadmium geochemical anomaly Offset sampling of both of these sites is recommended

Under supplemental funding provided by Solomon Resources (S) for emerald prospecting, selected sites of silicified quartz-muscovite schist on the MAUI No 3 claim (105G-6) were examined and samples taken with the view to replicating the anomalously high beryllium assays reported in a 1998 report by Brett Resources The assay returns for 2002 display in five samples moderately high beryllium values but well below the highest 1998 anomalies Unexpectedly, two samples display a prominent companion relationship among gold-bismuth-arsenic The moderately high boron values reflect the macroscopic tourmalinized breccia host common in the sampled area Further detailed prospecting for emerald is clearly recommended



0 100 200 300
KILOMETRES

Lambert Conformal Conic Projection
with Standard Parallels at 49°N and 77°N

LOCATION MAP
FLO Claims

SCALE 1 6 000 000		DATE
NTS 105	DRAWN	FIGURE 1

LOCATION AND ACCESS

The FLO 1-4 property is located northeast of the Tintina Fault, east of the Hoole River and west of the Mink Creek drainage The Robert Campbell Highway lies 12 km east of the claims The property is shown on NTS 105G-12 centered at Latitude 61 37 397'N and Longitude 131 32 948'W

The property comprises four contiguous quartz mineral claims for which 5 year's renewal is requested

FLO 1-4 Grant Numbers YB93525-YB93528 recorded with the Watson Lake Mining District

Access to the claims is by helicopter from the village of Ross River approximately 60km to the northwest (Figures 1 and 2)

FLO 1-4 GREISEN

SUMMARY

The FLO property is located east of the Hoole River near the divide with the western branches of Mink Creek, approximately 60km southeast of the village of Ross River.

The four FLO claims were staked by James S Dodge following results obtained from a program of deep-pit glacial moraine sampling conducterd in mid-2001

Two geologic terranes are recognized in southeastern Yukon, namely, the Yukon-Tanana (YTT) and the Slide Mountain (SMT) The augen gneiss underlying the FLO property is identified as being Devono-Mississippian metaplutonic rocks within the 'middle unit' equivalent to the YTT of Alaska

Outcrops are extensive and expose a large area of greisenization of augen gneiss characterized by pervasive chalcedonic replacement and accompanying white mica and fluorspar with several sites of anomalously high concentrations of boron as tourmaline Minor base metal mineralization occurs as narrow veinlets in float boulders of greisen

The absence of tin and beryllium, as characterized by many greisens worldwide reduces the potential for discovery of economic mineral deposits on the FLO claims However,concentrations of fluorspar in miarolitic cavities and the high bedrock boron analyses support a pneumatolitic (gas phase) stage of igneous differentiation, possibly a setting for topaz and emeralds

GE0LOGY

The FLO claims lie within that part of the Nisutlin Allochthon in the Yukon Territory east of the Tintina Fault with a thick layered metamorphic sequence, equivalent to Yukon-Tanana Terrane (Alaska)

The lowest of three units (Mortensen 1986) comprise pre-Upper Devonian garnetiferous and quartz-muscovite schist, and micaceous quartzite Overlying this is a middle unit of carbonaceous phyllites with interbedded mafic and felsic metavolcanics The upper unit contains abundant quartz grits along with carbonate and quartzite

A broad exposure of augen gneiss on the FLO claims is assigned to a metapluton corresponding to a 'middle unit' of Pelly Gneiss which intrudes rocks of the Nisutlin Allochthon Whole rock age for the gneiss is early Mississippian

Centered on the FLO claims are extensive outcrops of greisenized augen gneiss distinguished by pervasive chalcedonic and white mica replacement with a distinguishing fabric of relict gneissic banding At several sites sea-green and violet fluorspar and fine grained tourmaline occupy large miarolitic cavities Minor base metal mineralization occujrs as several narrow veinlets in float boulders of greisen No outcrops are known of the pluton responsible for the pneumatolitic greisenization of the gneiss

GREISENIZATION

During June 2002 prospecting, geological mapping, and bedrock sampling was carried out on the FLO 1-4 mineral claims which had been staked on 30 September, 2001, following discovery of several outcrops of pneumatolitic greisen replacing augen gneiss

Detailed prospecting not only extended major 2001 areas of greisen, but discovered a separate greisen area north of the man showings FLO #1

During 2002, 14 rock samples were taken from bedrock greisen sites and sent to ACME Laboratories in Vancouver for 35-element ICP analyses which were returned under their File No A202072 (Appendix 2) Eight of the samples (#118669-118676) were from the North Zone which was discovered by detailed prospecting in 2002 The remaining six samples were taken on the Lower and Upper Zones from newly dug trenches on FLO #2 and #4 claims

An overview of these and the 2001 results indicates that where boron (in tourmaline) displays anomalously high values, there are also high concentrations of calcium (as fluorspar) and potassium+aluminum (as white mica) – which along with pervasive chalcedonic silicification defines the macroscopic signature of this style of greisenization

Extract from 2001 YMIP report prior to staking of FLO claims No 2001 assaying costs are Included in 2002 Assessment

Greisen Sample Preparation and Analysis

Handpicked rock samples from distal (fluorspar-poor) and core (fluorspar-rich) areas of the greisen, as well as the sulfides-fluorspar veinlets of the greisen boulder, were bagged and shipped to ACME Laboratories in Vancouver, British Columbia for assaying A 0 5 gm sample, sieved to -150 mesh, was digested by aqua regia and assayed by ICP-ES Additionally, separate rock samples from the greisen and from other bedrock sites in the project area, were sent to International Plasma via Northern Analytical Laboratories for similar preparation and analysis by ICP

Greisen Sample Assay Results

Attached (Appendix) are four geochemical analysis certificates on greisen rock samples
Two certificates are by ACME Laboratories under File Nos A102271 and A103489
Two certificates are by Northern Analytical Laboratories/International Plasma Laboratories under WO#00200 and WO#00221

Of particular interest are (1) the anomalously high suite of copper, lead, zinc, and silver exposed as bands flanking the fluorspar veinlets in a greisen boulder The following assays were obtained from Sample #118655 of ACME File No A103489 3263 ppm copper, 6877 ppm lead, 3478 ppm zinc, 2 3 oz silver, and 840 ppm boron - and (2) the quite anomalously high values for boron in a cluster of fluorspar-rich (high Ca %) greisen samples

The cluster of high boron assays from a group of nine samples (below) taken near the center of the 'upper' greisen indicates that the tourmaline and fluorspar (note high Ca in assays) are concomitant – even in the above veinlet Sample #118655

File Number	Sample Number	Boron ppm	Location
A103489	118655	840	Boulder vein
A103489	118660	149	Lower greisen
A103489	118659	36	Upper greisen
A103489	118661	745	Upper greisen
A103489	118662	251	Upper greisen
A103489	118663	268	Upper greisen
A103489	118664	309	Upper greisen
A102271	122630	516	Upper greisen
A102271	122631	108	Upper greisen

Correlation between Ca % and B ppm indicates that in samples with a high concentration of fluorspar (CaF2) there is a corresponding high in boron (as in tourmaline), and conversely where fluorspar is sparse or absent, noticeably in chalcedonic silica flooding near borders of the greisen, boron content is very low if detectable

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

Dodge, Jim File # A202072

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by Jim Dodge

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Be ppm	Sn ppm
SI	4	4	1	2	<1	< 1	2	1	4	03	< 5	< 1	< 5	< 1	3	< 1	< 1	< 1	1	15<	001	<1	2	4<	01	4<	001	1	01	683	01	6<	01	1	< 1	< 05	<1	< 1	02
C 118665	24	6	4	1	25	9	4	1	2	2	3	37	56	22	8	5	14	1	4	2	13	< 1	3	7	4	3	03	017	2	54	1	01	48<	001	<1	13	005	11	3	0	01	2	2<	05	1	< 1	68
C 118666	8	6	5	7	23	6	6	2	3	0	2	43	65	32	2	2	8	40	6	15	8	21	< 1	1	1	1	1	2	60	036	9	18	2	04	100	002	4	98	012	61	8	1<	01	7	4	10	5	6	3	96
C 118667	1	8	10	1	29	1	60	< 1	3	9	1	2	83	66	8	0	3	5	2	6	17	4	7	< 1	5	4	5	19	059	27	46	2	05	59<	001	1	58	004	23	2	4<	01	7	2<	05	1	5	1	02
C 118668	7	4	14	1	10	2	16	< 1	2	7	8	113	86	3	4	7	6	5	22	1	6	< 1	1	3	2	16	058	14	13	1	04	115	002	1	43	032	16	5	2<	01	1	2	1<	05	3	4	2	44
C 118669	2	0	4	0	16	9	7	1	1	9	2	0	40	61	35	9	1	3	21	9	7	3	37	< 1	1	6	5	6	3	33	017	9	58	4	08	102	004	45	2	03	014	1	06	3	1	01	1	4	7<	05	8	9	4	33
C 118670	3	4	2	8	9	8	3	< 1	2	9	1	2	33	48	9	5	1	3	3	2	4	8	61	< 1	1	9	4	4	7	22	019	8	20	3	06	89	004	222	1	54	038	87	9	5	01	4	1	6<	05	5	6	4	31
C 118671	1	2	10	3	12	5	18	1	2	0	1	3	146	98	1	9	2	0	< 5	19	2	4	< 1	1	8	6	22	065	20	33	2	10	24	001	6	53	037	15	1	8<	01	1	1	1	07	3	3	7	43
C 118672	3	4	2	8	9	1	1	1	2	7	2	32	51	26	0	8	31	2	10	6	5	< 1	1	1	8	2	13	027	16	21	1	02	40	001	3	40	003	25	7	7<	01	3	2<	05	2	3	1	20
RE C 118672	3	3	2	7	9	1	1	1	3	3	1	31	53	26	1	8	32	7	10	2	5	< 1	1	2	8	2	13	028	16	21	1	02	39<	001	1	40	002	24	8	1	01	3	2	06	2	1	1	12
C 118673	1	4	8	7	10	3	19	1	1	8	1	4	150	85	2	0	2	8	9	19	1	4	< 1	< 1	5	6	26	059	24	29	0	09	19	001	1	52	038	14	1	4	01	1	3	1<	05	2	6	6	52
C 118674	3	2	8	8	11	6	18	1	2	6	1	3	149	94	2	6	2	5	1	4	17	9	4	< 1	1	7	6	22	057	18	13	7	09	24	001	2	53	031	15	5	3<	01	1	0	1<	05	3	4	6	28
C 118675	2	5	3	5	9	1	1	1	2	0	2	21	71	29	7	3	44	6	2	3	10	< 1	2	3	3	3	05	013	4	49	7	01	64<	001	3	17	002	15	2	6	01	2	2	32	1	2	1	24
C 118676	3	1	4	2	14	4	8	1	3	4	3	49	51	12	6	1	1	3	2	9	7	14	< 1	7	5	6	1	61	033	7	21	5	07	115	002	4	1	78	011	1	05	9	5<	01	1	0	6<	05	6	4	4	46
C 118677	44	7	18	5	90	0	69	3	3	3	1	1	80	66	13	7	1	7	11	3	6	6	4	< 1	1	6	4	8	6	14	018	2	71	2	09	60	001	1	44	002	15	3	3<	01	6	1<	05	2	7	4	11
C 118678	3	1	3	7	8	4	4	1	3	4	2	35	73	43	0	5	1	72	6	7	7	23	< 1	2	4	2	1	27	017	4	22	0	02	335	001	6	60	004	33	8	6<	01	5	2	21	2	4	1	49
STANDARD US3	9	2	122	7	31	6	157	3	38	0	12	1	776	2	88	31	2	6	7	21	8	4	1	30	6	0	5	5	5	6	79	56	087	18	181	8	61	142	099	3	1	80	036	17	3	5	22	3	9	1	2<	05	5	2	5	6	74

FLO

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS
UPPER LIMITS - AG, AU, HG, W = 100 PPM, MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM, CU, PB, ZN, NI, MN, AS, V, LA, CP = 10,000 PPM
- SAMPLE TYPE ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED: JUL 5 2002 **DATE REPORT MAILED:** July 15/02 **SIGNED BY** ..... D TOYE, C LEONG, J WANG, CERTIFIED B C ASSAYERS

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GEOCHEMICAL ANALYSIS CERTIFICATE

Dodge, Jim File # A103489

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by: Jim Dodge

FLO
Kevin Ecuilder

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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Ce ppm	Be ppm	Sample type
31	21	46	16	2	3	3	< 1	5	02	1	< 1	7	< 1	2 9	< 01	03	< 02	<2	11	< 001	< 5	1 5	< 01	3 3	001	<1	01	477	01	1	1	< 02	< 01	5	1	< 02	< 1	7	< 1	30
C 118655	28 97	3262 95	6876 89	3477 7	8320 1	1 6	2 3	150 1	60 10	1	1 6	2 8	1 6	42 0	34 45	41	148 52	5	8 99	004	4 9	8 3	05	271 2	002	840	1 24	104	62	1 1	3 1	17	65	47	5 1	1 60	8 4	8 8	4	30
C 118656	26 99	130 36	180 84	59 0	2238	1 4	4	141	87	3 8	1 9	8	11 6	6 5	42	98	5 15	7	83	044	8 9	11 2	05	216 9	002	3	1 02	009	62	2 1	5	35	03	12	1 0	06	4 2	17 8	6	30
C 118657	4 00	8 31	48 45	6 5	266	2 4	4	45	43	3 2	5	5	4 6	6 7	05	41	1 14	2	1 69	026	6 5	15 8	01	27 3	001	10	1 47	097	76	1 6	4	15	< 01	<5	2	03	5 8	11 1	5	30
C 118658	3 18	4 76	11 00	3 0	108	1 7	2	39	39	12 2	2 4	2 3	7 2	10 5	02	41	31	2	07	028	2 9	15 4	01	146 5	001	2	30	004	37	2 7	2	27	04	11	< 1	< 02	1 1	5 7	3	30
C 118659	3 10	7 58	9 42	4 2	70	2 5	7	36	49	6 5	4	1 5	3 0	11 6	02	91	45	2	2 07	004	4 3	17 9	04	42 9	002	36	1 11	010	68	1 9	8	34	02	5	< 1	03	5 6	6 4	5	30
C 118660	10 09	3 80	8 86	6 0	18	1 5	2 3	65	39	4 4	1 5	4	11 8	45 5	01	47	21	2	6 82	032	9 7	15 3	09	314 1	003	138	2 85	047	2 15	2 3	1 11	1 01	< 01	5	< 1	02	12 0	15 4	8	30
RE C 118660	10 43	4 21	9 54	6 3	18	1 5	1 6	66	40	4 5	1 6	3	12 3	1 45	9	02	49	22	2	6 79	034	9 9	15 9	09	319 6	003	149	2 92	053	2 15	2 6	2 3	1 08	< 01	6	2	< 02	12 6	17 7	1 0	30
C 118661	1 61	4 60	8 61	3 7	9	2 1	7	29	35	12 8	8	1 2	2 8	30 5	01	45	23	2	8 18	010	5 1	48 8	01	11 3	002	745	1 20	081	59	1 1	2 9	32	< 01	5	5	02	5 3	10 8	4	30
C 118662	12 09	3 53	9 25	5 1	33	9	1 7	48	39	13 9	1 2	10 2	7 5	13 9	02	64	36	4	8 48	075	7 3	57 1	06	63 7	004	253	2 18	044	1 15	1 3	2 9	58	< 01	9	4	< 02	9 1	14 7	7	30
C 118663	4 85	4 44	10 84	4 8	14	2 6	1 5	52	36	7 1	9	1 6	6 8	35 3	02	36	32	4	9 05	020	6 2	59 7	05	92 0	002	268	1 96	063	1 18	1 6	2 9	54	< 01	13	3	< 02	7 3	13 1	3	30
C 118664	3 25	3 90	8 33	4 9	14	3	1 1	47	42	9 6	9	2 1	7 9	45 3	03	32	13	3	16 03	027	5 9	39 5	05	147 7	002	309	2 16	080	1 61	7	3 0	68	< 01	7	3	02	9 0	12 9	1 2	30
STANDARD DS3	9 10	120 68	35 20	151 0	260	35 7	12 2	790	3 15	29 6	6 0	21 4	3 8	26 7	5	51	5 18	5	46	76	54	093	18 0	186 8	59	161 2	097	1 1	63	029	17	4 1	2 7	1 05	02	244	1 7	1 01	6 4	31 4	2 3	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML. ANALYSED BY ICP/ES & MS
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10 000 PPM.
- SAMPLE TYPE: ROCK R200 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 2001 DATE REPORT MAILED: Oct 15/01 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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(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Dodge, Jim File # A102271

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by. Jim Dodge

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
C 122622	3	123	390	46	< 3	7	1	36	72	67	<8	<2	2	6	7	<3	<3	4	< 01	005	1	95	01	110<	01	<3	16	02	.21	3	35 9	<10
C 122623	5	270	1358	77	6	3	1	33	89	75	<8	<2	3	7	1 2	<3	3	2	< 01	005	1	67	01	81<	01	<3	22	03	32	3	53.6	15
C 122624	4	10	12	51	< 3	7	1	202	1 04	3	10	<2	11	3	< 5	<3	<3	4	08	048	5	64	07	28<	01	<3	91	02	.42	<2	1 3	<10
C 122625	6	8	68	5	< 3	3	<1	64	69	25	<8	<2	7	9	< 5	<3	<3	2	16	103	6	79	01	78<	01	4	39<	01	42	2	23 5	<10
C 122626	4	22	109	9	< 3	7	<1	83	58	8	<8	<2	7	4	< 5	<3	<3	3	04	016	5	99	02	70<	01	4	48<	01	46	2	5 5	<10
RE C 122626	3	22	107	9	< 3	7	<1	83	59	8	<8	<2	7	4	< 5	<3	<3	3	04	017	5	98	02	72<	01	4	48	01	46	2	5 3	<10
C 122627	7	3	7	7	< 3	15	1	90	43	4	<8	<2	10	20	< 5	<3	<3	8	3 26	043	13	50	15	46<	01	12	2 82<	01	1.56	2	1 2	<10
C 122628	8	7	40	3	< 3	6	1	43	1 68	186	<8	<2	6	45	< 5	4	<3	5	1 19	023	15	82	05	383<	01	5	1 51	01	86	3	138 2	<10
C 122629	5	3	7	2	< 3	3	<1	35	47	10	<8	<2	4	11	< 5	<3	<3	3	73	007	9	62	04	44<	01	4	1 18<	01	64	2	4 0	<10
C 122630	9	7	14	4	< 3	4	1	57	40	11	<8	<2	7	40	< 5	<3	<3	5	11 06	019	6	74	05	46<	01	516	1 62	05	92	2	2 4	<10
C 122631	6	4	6	6	< 3	3	1	67	59	15	<8	<2	9	25	< 5	<3	<3	5	5 72	029	9	67	07	77<	01	108	2 84	02	1 62	3	1 3	<10
C 122632	3	239	260	3703	1 4	9	4	591	5 73	28	<8	<2	6	18	17 4	<3	3	26	10	060	5	70	12	90<	01	3	87	03	89	<2	675.7	135
C 122633	3	650	44	6579	1 1	83	29	3108	9 13	61	<8	<2	<2	30	33 6	<3	61	38	093	4	72	50	88<	01	4	2 76	02	1 14	<2	136 6	<10
STANDARD DS3/C3	9	129	38	146	.3	35	11	761	2 97	29	<8	<2	4	32	5 4	4	5	73	52	092	20	185	57	150	09	<3	1 68	02	16	4	21.8	1005

Not FLO

GROUP 1D - 0 50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES
UPPER LIMITS - AG, AU, HG, W = 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 AU* BY ACID LEACHED, ANALYZE BY ICP-MS (10 gm)
HG GROUP 1C - ANALYSIS BY FLAMELESS AA FROM A R LEACH Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED JUL 19 2001 DATE REPORT MAILED: Aug 2/01 SIGNED BY ..... D. TOYE, C LEONG, J WANG, CERTIFIED B C ASSAYERS

CONCLUSIONS

The pneumatolytic replacement style of greisen mineralization is well displayed by the widespread pervasive chalcedonic silicification coupled with white mica, fluorspar and tourmaline Detailed prospecting in 2002 did not discover the up-ice bedrock source of the single greisen boulder west of the Lower Zone which carried sub-economic values in base and precious metals samples taken in 2001

Although no tin or beryllium concentrations are known in the FLO greisen, the boron (tourmaline), coupled with pneumatolitic silicification and white mica, point to the potential for the occurrence of emeralds on or near the FLO property

RECOMMENDATIONS

In order to discover the bedrock source of the single sullfide-bearing greisen boulder, it is recommended that deep pit sampling be carried out west of the Lower Zone

The discovery of boron-bearing North Zone greisen points to the potential for emeralds further north in search of areas of possible greisenization of mafic units of the Yukon-Tanana terrane

GEOLOGY

FLO 1-4 MINERAL CLAIMS
YUKON TERRITORY

NTS 105G-12

WATSON LAKE MINING DISTRICT

Legend

- Augen gneiss
- Greisen gneiss
- Trenches
- 118461 Samples
- Claim posts
- Helipad

Scale

1:1000
1cm=10m

James S. Dodge
Professional Engineer, Yukon

25 October

PROFESSIONAL ENGINEER
YUKON TERRITORY
JAMES S. DODGE

FLO #3

FLO #4

636
631

660-664

665

(Upper Zone)

Latitude 61°37.397'N and
Longitude 131°32.948'W

669

Lat 61°37.543 N
Long 131°33.235 W

670

675

671-674

676

(North Zone)

655
656

666

668

667

PIT-31

677

(Lower Zone)

FLO #1

FLO #2

TILL SAMPLING

Given the low priority for continued prospecting in the area of the FLO 1-4 claims, it was determined that every effort should be directed to completion of the 2001 Program of glacial till sampling as a geochemical tool in the search for the bedrock source of the 16% zinc stratiform metaquartzite 'Dodge' boulder beside the Hoole River

Altogether, 24 deep-pit till samples were collected and shipped to ACME Labs in Vancouver for ICP analysis closely following the procedures followed in YMIP 2001 The attached assay returns represent samples from four previously unsampled areas, namely, Area B 6 samples, Area An 5 samples, Area F 8 samples, and Area E 5 samples

The number of samples in each of these four areas is insufficient statistically to identify 'anomalous' values Nevertheless, there are two samples that are believed to be worthy of offset and re-sampling, namely Area B #118703 with moderately anomalously high zinc/silver/barium, and Area E #118739 with weakly anomalous zinc/cadmium The latter area is approximately 5 km up-ice from the site of the boulder, most of which has been carried away for sampling and 'promotion' Beyond the aforementioned offset sampling, it is concluded that continuation of the till sampling Program is not recommended for the 2003 YMIP

In Conclusion: Speculation remains with respect to the source of the boulder, namely, why has only one boulder been found after many days of painstaking examinations of both banks of the Hoole River for at least 10 km upstream from the site?
(1) Either the boulder has been rafted by the glaciers from a far distant source, or
(2) it originated from a near-river low elevation bedrock outcrop along the southwest side and 'less than 5 km' upstream The fracturable texture of the boulder as I smashed it (contrary to that of the many augengneiss nearby), leads me to favour the latter proposition Accordingly, a detailed re-examination of the river meander flats and especially the bounding river bench is recommended

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

105 G/12	105 G/11	105 G/10
105 G/05	105 G/06	105 G/07
105 G/04	105 G/03	105 G/02

WATSON LAKE MINING DISTRICT

- Placer Baselines
- Active Mineral Claims
- Expired Mineral Claims
- Direction of Staking
- GPS Located Claim Post
- Surveyed Parcels
- First Nation Lands
- Agricultural Parcels
- Yukon Land Parcels
- Federal Land Parcels
- Area Withdrawn from Staking
- Privy Council Orders

Contour Interval = 20 metres
UTM Zone 9 - NAD 83

105 G/06

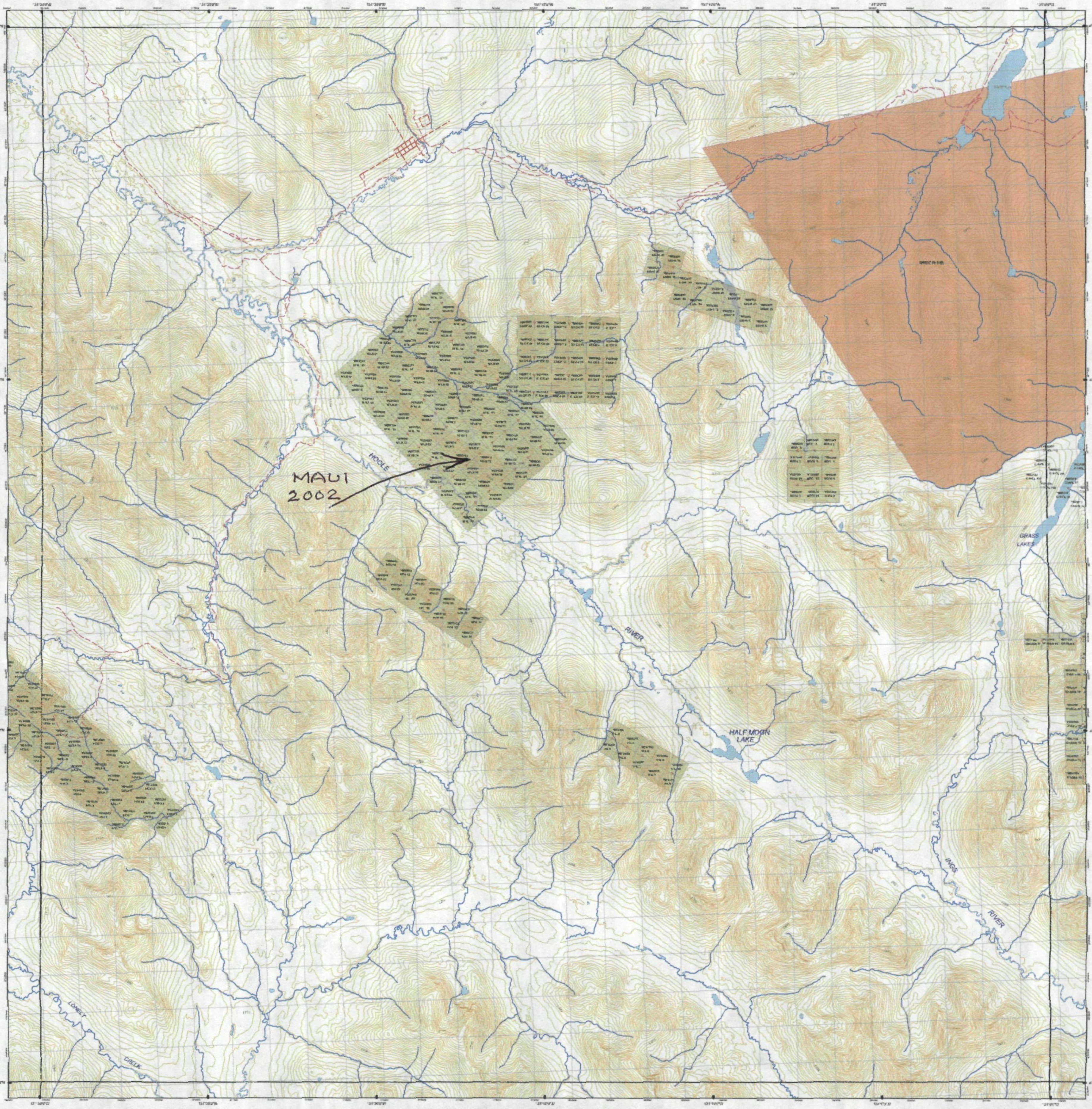
LATITUDE 61°15 TO 61°30'
LONGITUDE 131°00' TO 131°30'

1000 0 1000 2000 3000 Metres
1500 0 1500 4500 7500 Feet

NOVEMBER 4, 2002

NOTICE: THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH INDIAN AND NORTHERN AFFAIRS CANADA WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

Canada



105 G/06

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

Dodge, Jim File # A202933

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by: Jim Dodge

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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	2.17	4.14	4.14	52.1	24	5.4	4.6	617	1.83	1.9	2.4	.3	5.7	84.3	.02	.05	.15	40	.73	.115	8.6	15.3	.63	213.3	.138	1	1.08	.098	.52	2.2	2.6	.32	<.01	<5	<.1	.02	5.1	30
C 118701	1.34	47.33	19.79	124.4	639	82.9	34.4	837	5.24	16.2	2.2	2.7	11.9	221.7	.84	.87	.64	55	1.43	.117	53.4	53.3	.81	329.6	.065	2	3.79	.051	.17	.5	9.2	.19	.03	111	.8	.06	10.9	30
C 118702	1.21	44.90	18.45	128.2	296	76.4	29.5	677	4.19	17.5	1.4	2.6	9.7	295.0	.47	.92	.75	52	2.29	.121	51.5	64.0	.93	162.7	.053	2	2.54	.078	.16	.6	8.8	.21	.01	57	.4	.08	8.6	30
C 118703	2.74	60.84	18.22	155.5	914	80.4	17.1	571	3.85	25.3	3.2	6.0	11.2	144.6	.55	2.15	.37	67	.71	.134	55.0	47.5	.60	738.7	.016	1	2.16	.029	.10	.4	9.4	.19	<.01	244	.8	.08	5.5	30
C 118704	1.90	61.56	21.52	98.9	349	67.2	28.9	435	3.84	19.8	1.3	2.8	6.9	510.1	.90	18.20	.68	42	8.28	.106	24.8	32.4	.54	358.1	.023	3	1.76	.096	.11	.4	4.0	.14	.03	103	.5	.13	5.7	30
C 118705	1.01	67.01	50.56	124.3	294	69.9	31.5	533	4.75	27.0	1.0	12.8	6.1	632.5	1.09	.82	.75	50	10.63	.085	20.3	49.1	.69	260.4	.094	2	3.33	.170	.19	.9	5.4	.28	.02	48	.4	.11	10.7	30
C 118706	.94	33.76	25.00	162.4	227	55.8	20.0	506	4.33	12.1	1.3	2.2	16.7	271.0	.46	.66	.49	53	3.24	.090	56.2	62.2	.93	192.8	.071	<1	2.53	.059	.30	.4	8.4	.27	<.01	21	.3	.06	9.8	30
C 118707	.72	126.79	20.54	131.3	132	144.6	63.5	422	7.22	5.4	3.5	.8	19.7	117.3	.06	.24	1.03	58	2.86	.061	87.7	67.2	1.09	119.5	.048	1	2.48	.046	.39	1.6	10.3	.30	.01	13	.4	.06	10.2	30
RE C 118707	.76	137.89	21.93	143.1	139	156.1	68.9	434	7.49	5.6	3.8	.8	20.6	124.1	.07	.27	1.14	59	2.98	.066	92.9	71.2	1.13	127.6	.052	<1	2.54	.046	.41	1.8	10.8	.32	.02	12	.5	.06	11.0	30
C 118708	.67	141.23	19.44	154.5	114	149.7	75.8	506	7.18	6.5	2.6	1.2	17.1	174.1	.07	.52	.82	57	3.72	.067	82.5	67.3	1.09	116.4	.043	1	2.54	.052	.39	6.8	10.0	.28	.02	9	.4	.08	10.4	30
C 118709	1.17	55.29	45.24	130.5	390	55.6	27.9	432	4.07	29.6	2.0	5.5	18.8	303.3	.18	3.27	.78	28	5.81	.096	67.8	33.5	.60	189.3	.003	<1	1.71	.005	.12	.3	5.8	.21	.13	27	.3	.06	5.1	30
C 118710	1.05	32.09	26.32	123.9	70	52.6	16.1	669	3.21	18.1	1.5	17.2	13.0	33.2	.20	.90	.43	40	.63	.095	36.6	47.4	.70	263.5	.013	1	1.44	.010	.11	.2	4.6	.15	<.01	39	.2	.02	5.0	30
C 118711	.94	34.66	18.53	120.3	127	49.8	16.7	569	3.52	15.8	1.0	2.2	11.6	91.8	.47	.77	.31	43	2.61	.089	37.1	44.0	.77	148.4	.011	1	1.49	.007	.14	.2	4.5	.10	.01	31	.2	.03	5.0	30
STANDARD DS3	9.76	124.77	31.11	158.3	288	37.3	12.5	825	3.25	31.5	6.0	23.5	3.8	26.2	5.81	4.99	5.27	80	.59	.088	17.3	184.5	.59	134.4	.092	3	1.76	.032	.15	4.1	3.7	1.10	.03	232	1.3	1.02	5.9	30

MOOSE LK "C"

RAT "AN"

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 90 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: TILL S230 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 9 2002 **DATE REPORT MAILED:** Aug 22/02 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Dodge, Jim File # A204260

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by: Jim Dodge

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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	1.74	3.68	2.83	39.9	11	5.5	3.9	498	1.65	.6	2.3	1.1	5.5	102.7	.02	.06	.14	42	.64	.106	11.2	16.0	.45	195.5	.138	<1	1.06	.116	.48	2.9	2.5	.25	.04	<5	.6	<.02	5.0	30
C 118727	1.23	12.40	12.38	62.1	138	27.9	7.0	231	1.75	35.5	1.2	51.6	5.8	19.0	.17	.84	.27	28	.37	.073	25.2	24.4	.42	324.8	.013	1	.90	.006	.07	.4	2.6	.11	.02	49	.2	.03	3.7	30
C 118728	1.95	24.58	20.95	100.4	147	40.5	9.8	363	2.40	19.5	.9	16.3	8.8	50.1	.50	1.11	.37	38	1.46	.109	38.9	32.5	.76	416.3	.018	2	1.10	.009	.10	.4	3.8	.13	.02	56	<.1	.02	6.2	30
C 118729	1.73	27.17	16.48	100.7	265	37.5	11.3	452	2.04	20.6	.8	2.8	7.8	93.3	.86	1.33	.32	39	3.91	.111	25.2	30.0	.91	394.2	.015	2	1.05	.009	.13	.4	3.1	.13	.02	59	.7	.04	4.2	30
C 118730	1.30	26.71	15.84	64.6	388	31.7	7.9	408	1.95	21.2	.7	2.1	4.9	97.8	.59	1.38	.22	33	6.07	.099	17.3	31.0	1.31	447.9	.016	2	.85	.009	.10	.3	2.6	.11	.02	59	.6	.04	3.4	30
C 118731	1.84	28.00	19.49	101.7	160	40.3	11.7	442	2.20	49.1	.9	3.1	7.8	92.9	.96	1.39	.69	35	3.70	.116	26.8	31.5	.88	335.6	.017	1	.96	.010	.12	.5	3.2	.14	.04	66	.2	.05	4.1	30
C 118732	1.34	42.31	7.05	150.1	28	41.9	58.0	1571	10.06	<.1	.8	.8	4.7	120.9	.13	.07	.02	65	3.87	1.514	140.8	9.0	3.12	43.8	.039	<1	2.21	.049	.03	.1	10.2	.05	<.01	7	.3	<.02	9.0	30
C 118733	1.40	13.09	10.36	53.5	38	26.3	8.8	211	2.05	12.8	.6	24.3	5.9	7.7	.13	.64	.21	35	.12	.037	18.3	31.3	.42	224.6	.013	1	1.26	.004	.08	.3	2.4	.11	<.01	12	.3	.02	4.6	30
C 118734	1.89	21.57	43.74	84.8	93	50.4	14.1	499	3.16	10.4	.9	1.6	8.1	19.9	.11	.52	.21	57	.41	.107	71.9	61.8	.89	165.6	.016	<1	1.91	.010	.05	.2	4.6	.10	.03	16	.1	.03	10.1	30
STANDARD DS4	6.88	121.91	29.25	160.4	277	34.6	11.8	819	3.17	22.1	5.7	25.4	3.5	28.3	5.28	4.43	4.82	74	.54	.093	15.7	166.2	.60	147.7	.091	1	1.71	.033	.15	4.2	3.8	1.13	.06	290	1.4	.77	6.2	30

F-POR

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: TILL S230 60C

DATE RECEIVED: OCT 4 2002 **DATE REPORT MAILED:** Oct 14/02 **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

Dodge, Jim File # A204406

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by: Jim Dodge

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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	1.25	1.98	2.55	40.8	10	4.0	3.8	504	1.65	.2	2.4	<.2	5.2	112.4	.01	.03	.14	37	.71	.099	10.2	13.0	.51	202.6	.125	1	1.14	.102	.41	3.1	2.2	.24	.01	<5	<.1	<.02	4.1	30
C 118735	1.73	51.28	16.04	123.7	206	50.2	16.5	484	3.05	17.9	1.3	2.0	9.6	115.4	.80	1.04	.28	56	3.24	.121	32.6	45.0	1.04	372.7	.036	2	1.64	.014	.26	.3	4.3	.20	.03	65	.4	.03	5.4	30
C 118736	1.49	49.86	17.60	120.2	171	50.2	17.0	459	3.11	25.6	1.3	1.6	11.2	97.6	.70	.94	.30	49	3.11	.121	36.9	41.6	.99	334.2	.034	2	1.56	.012	.24	.3	3.9	.23	.04	46	.3	.03	5.0	30
C 118737	.80	50.48	15.53	91.2	179	66.9	18.2	385	3.64	15.4	1.1	2.3	9.8	53.0	.19	.74	.26	62	.90	.125	39.6	107.3	1.37	272.8	.060	<1	1.99	.017	.12	.3	6.0	.24	.02	48	.2	.03	6.8	30
C 118738	3.49	63.09	59.34	128.1	271	47.4	16.5	430	2.83	33.0	2.1	3.0	10.9	82.8	.86	2.16	.35	36	1.84	.141	34.8	27.9	.73	311.0	.033	1	1.10	.016	.16	.5	3.2	.44	.05	80	.6	.04	3.5	30
C 118739	1.82	52.97	39.95	161.8	216	50.9	16.4	444	3.01	36.6	1.5	2.3	11.7	97.1	1.33	1.14	.35	47	2.27	.121	34.6	36.6	1.01	384.6	.030	1	1.50	.012	.21	.4	3.7	.26	.03	78	.3	.04	4.6	30
STANDARD	6.82	116.86	30.54	180.2	268	35.8	12.3	812	3.13	23.3	6.4	29.0	3.7	28.7	5.67	5.51	5.25	78	.53	.087	17.3	166.1	.59	146.2	.090	2	1.74	.032	.16	4.0	3.5	1.16	.07	268	1.3	.75	5.9	30

Standard is STANDARD DS4.

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: TILL S230 60C

DATE RECEIVED: OCT 4 2002 **DATE REPORT MAILED:** Oct 23/02 **SIGNED BY** C. L ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

E-BOG

Beryllium Geochemistry

Under supplemental funding provided by Solomon Resources for emerald prospecting, selected sites underlain by silicified quartz muscovite schist on the MAUI 04 claim (105G-6) were examined and 15 rock samples taken with the view to replicating the anomalously high beryllium assays reported in a 1998 report by Brett Resources Ltd The interest in beryllium lies in its possible use as a geochemical pathfinder for beryl and its variety emerald

The assay returns for 2002 are displayed in ACME Labs File No A204259 Five samples carried moderately anomalously high beryllium values of significance, namely Nos 118715, 118716, 118721, 118725, 118726 – generally below the higher 1998 anomalies

Unexpectedly, two samples (#118713 and #118725) display a prominent companion relationship among gold-bismuth-megaarsenic (206 ppb/132ppm/27,910ppm and 739ppb/649ppm/46,332ppm respectively Anomalously high beryllium values are not consistently reflected in the above-mentioned assays

The moderately high boron values reflect the macroscopic tourmalized breccia host common throughout the sampled area

A detailed prospecting program for emeralds is unequivocally recommended

Indian and Northern Affairs Canada / Affaires indiennes et du Nord Canada

Canada

105 G/12	105 G/11	105 G/10
105 G/13	105 G/06	105 G/07
105 G/14	105 G/03	105 G/02

WATSON LAKE MINING DISTRICT

- Placer Deadlines
- Active Mineral Claims
- Inactive Mineral Claims
- Crossing of Existing
- GPS Located Claim Post
- Surveyed Parcels
- Fee Simple Lands
- Agricultural Parcels
- Yukon Land Parcels
- Federal Land Parcels
- Area Withdrawn from Staking
- Privy Council Orders

Contour Interval = 20 metres
UTM Zone 8 - NAD 83

105 G/06

LATITUDE 61°15' TO 61°30'
LONGITUDE 131°00' TO 131°30'

1000 0 1000 2000 3000 Metres

1500 0 1500 4500 7500 Feet

NOVEMBER 4, 2002

NOTICE: THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH INDIAN AND NORTHERN AFFAIRS CANADA WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

MAUI 2002

HOOLE

RIVER

GRASS LAKE

HALF MOON LAKE

INGS RIVER

LOWEY CREEK

105 G/06

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

Dodge, Jim File # A204259

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by: Jim Dodge

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Be ppm
SI	.1	1.3	13.1	21	.1	1.0	.1	7	.04	.6	<.1	2.4	<.1	4	.1	.1	<.1	<1	.17	.001	<1	1.8	.01	5	<.001	2	.01	.702	.01	.4	.01	<.1	<.1	.09	<1	<.1
C 118712	2.6	6.5	14.9	33	.4	3.8	2.4	88	1.99	19098.5	.1	49.2	.2	30	.8	1.9	8.9	1	.69	.001	1	24.7	.12	33	.001	6	.33	.004	.11	43.6	<.01	.5	.1	.92	1	.6
C 118713	2.1	6.1	21.0	56	1.1	4.4	2.7	94	2.62	27910.5	.1	206.7	.6	56	2.2	2.8	132.3	2	.90	<.001	4	20.8	.09	49	.003	5	.43	.008	.18	43.9	.01	.8	.1	1.20	2	.7
C 118714	1.2	17.0	7.3	35	.1	6.0	3.2	977	1.75	166.9	.4	6.7	5.2	1431	.1	.1	.9	3	12.89	.025	14	14.3	.17	36	.002	2	.53	.004	.29	6.2	<.01	4.6	.1	<.05	2	.7
C 118715	.5	48.7	9.2	468	.2	31.4	13.3	322	2.81	1098.7	2.6	4.0	14.5	98	8.1	.4	3.0	34	4.93	.031	37	44.0	.72	150	.080	37	4.47	.161	2.58	74.4	<.01	6.0	1.0	1.04	12	5.9
C 118716	.8	27.7	4.8	116	.1	31.7	14.4	406	3.33	565.2	2.2	7.1	13.6	315	9.7	.1	1.2	47	4.21	.035	48	63.7	1.01	214	.123	9	4.32	.887	1.47	281.8	<.01	7.2	.7	.53	14	11.5
C 118717	1.5	4.5	6.7	13	.3	14.6	16.2	73	1.62	15497.6	.8	5.6	7.9	18	.2	2.9	1.9	1	.07	.024	27	16.1	.02	40	.003	97	.12	.008	.03	7.6	.01	.4	<.1	.50	<1	.7
C 118718	2.5	5.8	2.1	6	<.1	5.5	1.2	63	.55	833.1	.9	.8	12.1	4	.1	.2	.1	<1	.06	.025	17	27.2	.02	18	.002	32	.15	.007	.06	11.0	<.01	.5	<.1	.07	1	.3
C 118719	1.6	5.8	3.0	16	<.1	9.6	3.9	163	1.31	3927.8	.7	1.0	7.0	70	.2	.4	.8	5	.06	.017	21	19.7	.03	339	.003	14	.36	.028	.19	8.1	<.01	1.5	.1	<.05	1	1.5
C 118720	2.1	33.4	5.5	54	.1	24.7	8.8	215	3.96	101.6	.9	2.1	7.5	9	.1	.2	.7	27	.13	.094	24	37.5	.68	51	.018	47	1.44	.017	.15	6.7	.01	6.4	.1	<.05	6	.7
RE C 118720	1.9	33.8	5.5	53	.1	25.6	9.0	211	3.99	99.2	.9	2.5	7.8	8	.1	.2	.7	26	.13	.095	24	38.6	.67	53	.019	51	1.44	.029	.16	7.2	<.01	6.1	.1	<.05	6	.2
C 118721	1.0	4.2	3.5	12	.1	27.2	9.8	81	1.26	11578.8	1.4	4.5	16.7	31	.1	1.3	2.5	2	.13	.051	59	16.4	.03	42	.005	149	.18	.009	.05	3.4	.01	.6	<.1	.44	1	4.8
C 118722	1.7	10.9	3.8	27	<.1	12.8	4.0	185	2.08	79.5	.7	.8	11.2	12	<.1	.1	.1	18	.08	.014	8	28.7	.39	79	.030	5	1.14	.042	.41	6.3	.01	3.6	.3	<.05	4	.5
C 118723	1.1	26.7	4.5	14	.1	9.1	5.7	123	1.75	2204.2	1.6	2.1	21.4	15	.1	.4	.4	11	.05	.018	20	26.1	.18	75	.012	33	.78	.069	.30	4.6	<.01	2.1	.2	.06	3	1.2
C 118724	1.8	23.4	7.1	22	.1	10.1	10.5	169	2.33	3013.0	1.7	2.3	8.4	20	<.1	.6	.9	23	.09	.047	14	49.9	.54	99	.024	17	1.16	.082	.47	7.5	<.01	3.1	.5	.13	5	.6
C 118725	1.7	18.3	206.4	445	14.1	17.0	13.5	749	7.46	46332.3	1.6	739.8	6.2	479	18.8	3.5	649.2	16	2.27	.016	32	27.6	.37	74	.012	11	2.16	.043	.82	27.5	.01	3.4	.4	.52	7	6.4
C 118726	.8	30.1	18.8	534	.4	53.2	28.1	564	4.22	1199.5	1.3	15.7	15.7	46	4.1	.3	2.8	23	.36	.040	47	37.4	.86	50	.007	2	2.67	.018	.52	4.2	.01	6.4	.2	.08	8	7.0
STANDARD DS4	6.4	131.3	30.6	156	.3	33.6	12.1	801	3.22	23.3	5.9	25.2	3.9	33	5.6	4.9	5.1	78	.57	.090	19	163.7	.59	149	.094	2	1.83	.034	.18	3.8	.29	4.0	1.1	.07	7	2.5

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 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 4 2002 DATE REPORT MAILED: Oct 15/02 SIGNED BY: C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

MAUI (ROCK)

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GEOCHEMICAL ANALYSIS CERTIFICATE

Dodge, Jim File # A204407

Box 31013 MPO, Whitehorse YT Y1A 5P7 Submitted by: Jim Dodge

	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
	SI	.27	1.30	.34	1.0	4	.3	.4	4	.03	3.9	<.1	1.0	<.1	3.4	<.01	.04	<.02	2	.12	<.001	<.5	3.4	<.01	3.3	<.001	<1	.01	.606	.01	.1	.1	<.02	<.01	<5	<.1	<.02	<.1	30
MAUI #4	C 118740	3.91	13.61	17.98	3877.5	2037	1.8	2.0	28	3.38	46753.3	.2	701.2	<.1	36.7	103.00	5.50	921.39	2	.85	<.001	<.5	17.2	<.01	29.3	<.001	101	.03	.016	.01	3.9	.5	<.02	2.26	13	1.9	1.03	.1	30
#1	C 118741	2.60	14.35	.99	17165.2	478	2.9	15.9	54	4.58	57814.6	.1	70.0	.3	17.3	630.36	5.79	18.94	3	1.62	.002	1.2	41.9	.02	39.8	.002	25	.27	.031	.16	5.9	1.1	.08	3.21	43	2.3	.30	.9	30
#1	C 118742	3.58	47.62	2.12	53281.1	1851	2.9	33.0	101	6.18	68752.4	.1	139.5	.1	18.3	1610.27	7.68	52.01	<2	1.75	.001	.5	16.0	.01	52.7	.001	162	.12	.021	.08	5.7	.9	.10	4.82	147	4.5	.44	.5	30
#5	C 118743	2.96	1.95	3.06	342.3	100	3.5	2.3	24	1.29	15953.5	<.1	22.6	.5	17.3	9.29	1.70	6.27	3	.29	.001	2.1	64.3	.01	22.4	.001	7	.13	.004	.08	3.7	.4	.04	.75	<5	.5	.12	.4	30
#5	C 118744	3.29	1.06	2.31	125.0	86	2.9	2.6	26	1.42	17226.7	.1	28.5	.7	37.5	3.67	1.48	6.13	2	.42	.001	2.9	19.9	.02	23.4	.001	6	.24	.003	.16	11.1	.5	.06	.68	<5	.4	.08	.8	30
	STANDARD DS4	6.81	129.61	30.42	152.0	257	38.9	12.8	783	3.15	21.0	6.3	28.1	3.8	28.3	5.17	4.79	5.24	76	.51	.097	16.0	160.9	.59	142.1	.087	2	1.62	.036	.18	4.3	3.7	1.28	.06	271	1.4	.70	5.9	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

DATE RECEIVED: OCT 4 2002 **DATE REPORT MAILED:** Oct 24/02 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : MAUI
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CERTIFICATE OF ANALYSIS A9741293

SAMPLE	PREP CODE		Au ppb RUSH	As ppm	Sb ppm	Hg ppb	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)
513340	255	295	10	2	0.2	< 10	< 0.2	3.93	190	0.5	< 2	0.25	< 0.5	3	197	7
513341	255	295	< 5	>10000	2.2	< 10	< 0.2	5.35	220	8.5	2	0.14	< 0.5	7	197	5
513342	255	295	< 5	2900	0.8	< 10	< 0.2	3.65	20	3.0	< 2	0.14	< 0.5	2	215	3
513343	255	295	< 5	70	0.4	20	< 0.2	9.84	980	3.0	< 2	0.03	< 0.5	9	191	32
513344	255	295	10	>10000	3.0	< 10	< 0.2	3.60	70	2.5	< 2	0.11	< 0.5	14	272	5
513345	255	295	.5	5200	1.2	< 10	< 0.2	5.53	220	6.0	< 2	0.05	< 0.5	3	190	8
513346	255	295	< 5	28	0.4	< 10	< 0.2	2.57	110	0.5	< 2	0.01	< 0.5	3	268	10
513347	255	295	5	>10000	2.8	< 10	< 0.2	6.94	260	15.0	6	0.19	< 0.5	6	123	5
513348	255	295	< 5	>10000	2.2	< 10	< 0.2	2.40	10	4.0	2	0.06	< 0.5	< 1	262	3
513349	255	295	10	>10000	2.4	< 10	< 0.2	4.38	250	4.5	2	0.03	< 0.5	5	195	3
513350	255	295	10	>10000	2.0	< 10	< 0.2	7.79	900	4.0	< 2	0.10	< 0.5	22	217	5
513351	255	295	20	>10000	3.6	< 10	< 0.2	6.85	410	28.5	2	0.26	< 0.5	10	172	3
513352	255	295	< 5	6600	1.0	< 10	< 0.2	4.34	140	35.0	< 2	1.53	< 0.5	67	236	86
513353	255	295	< 5	3850	1.2	< 10	< 0.2	5.56	460	4.0	< 2	0.29	< 0.5	6	222	6
513354	255	295	< 5	>10000	2.8	< 10	1.0	3.36	20	4.5	2	0.09	< 0.5	7	303	3
513355	255	295	< 5	1970	0.6	< 10	< 0.2	4.63	20	3.5	< 2	0.14	< 0.5	1	188	3
513356	255	295	< 5	352	0.2	< 10	< 0.2	6.56	10	4.0	< 2	0.18	< 0.5	< 1	156	3
513357	255	295	120	>10000	24	10	0.8	2.32	100	2.0	6	0.07	< 0.5	3	136	11
513358	255	295	< 5	8800	1.8	< 10	< 0.2	4.22	120	5.5	< 2	0.29	< 0.5	4	263	3
513359	255	295	< 5	254	0.4	< 10	< 0.2	0.27	10	< 0.5	< 2	< 0.01	< 0.5	1	362	5
513360	255	295	10	>10000	3.8	< 10	< 0.2	6.90	650	5.5	< 2	0.34	< 0.5	8	229	4
513361	255	295	10	1680	0.6	< 10	< 0.2	6.82	420	78.0	< 2	0.20	< 0.5	4	195	14
513362	255	295	< 5	1540	0.6	< 10	< 0.2	6.28	430	7.5	< 2	0.15	< 0.5	6	204	14
513363	255	295	< 5	138	0.2	< 10	< 0.2	6.09	620	2.5	2	0.24	< 0.5	6	196	5
513364	255	295	40	>10000	3.2	< 10	< 0.2	9.01	1350	52.5	2	0.10	< 0.5	46	112	10
513365	255	295	10	140	0.2	< 10	< 0.2	5.54	280	10.0	8	1.16	4.5	4	132	87
513366	255	295	275	432	5.6	40	2.8	5.35	170	2.5	66	15.60	3.0	< 1	107	101
513367	255	295	260	660	6.4	30	< 0.2	5.26	160	8.0	76	15.75	9.0	< 1	132	73
513368	255	295	< 5	10	0.4	< 10	1.2	7.17	690	2.5	2	0.68	< 0.5	2	132	7
513369	255	295	270	80	6.0	60	< 0.2	5.52	220	26.5	82	16.20	93.5	1	130	170
513401	255	295	15	9600	3.6	< 10	0.4	2.86	40	2.5	< 2	0.16	3.5	3	246	3
513402	255	295	15	>10000	4.0	< 10	< 0.2	2.65	230	3.0	4	0.10	1.0	32	223	3
513403	255	295	220	>10000	17.0	< 10	0.6	2.72	20	2.5	30	0.16	0.5	1	149	91
513404	255	295	< 5	100	1.0	30	1.8	3.74	50	1.0	6	21.9	7.5	12	54	53
~~513405~~	~~255~~	~~295~~	~~5~~	~~296~~	~~0.4~~	~~< 10~~	~~< 0.2~~	~~1.99~~	~~170~~	~~0.5~~	~~< 2~~	~~>25.0~~	~~< 0.5~~	~~2~~	~~27~~	~~10~~

SAMPLE	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
513340	2.20	0.78	0.47	530	< 1	1.13	16	150	4	55	0.10	26	< 10	38
513341	2.61	2.24	0.75	115	< 1	0.13	16	500	2	90	0.15	37	10	22
513342	0.83	0.13	0.28	45	< 1	1.94	8	160	< 2	75	0.04	13	< 10	12
513343	5.16	4.01	1.38	255	< 1	0.32	33	420	< 2	79	0.33	90	< 10	70
513344	2.36	0.59	0.18	100	< 1	1.79	24	140	< 2	65	0.04	11	< 10	10
513345	1.55	2.49	0.61	85	< 1	0.11	18	190	< 2	34	0.12	33	10	18
513346	1.56	0.69	0.18	60	< 1	0.56	16	110	< 2	15	0.07	17	< 10	28
513347	3.82	1.32	1.32	235	1	0.59	10	180	< 2	264	0.14	69	10	66
513348	1.95	0.09	0.53	80	3	0.20	3	120	< 2	69	0.11	26	10	24
513349	1.64	2.07	0.44	45	< 1	0.07	11	100	4	45	0.05	17	< 10	10
513350	2.78	4.83	0.66	120	< 1	0.55	72	230	6	177	0.17	71	< 10	34
513351	3.17	4.11	0.52	95	< 1	0.69	23	220	4	314	0.12	45	190	30
513352	3.95	1.03	1.05	280	< 1	0.63	4	700	< 2	85	1.04	144	940	42
513353	2.23	1.90	0.91	190	< 1	1.53	17	290	< 2	161	0.17	47	10	34
513354	3.13	0.06	0.74	100	1	0.31	18	440	4	102	0.15	38	10	34
513355	2.21	0.03	1.13	120	< 1	0.45	14	200	< 2	181	0.17	41	< 10	44
513356	2.77	0.01	1.51	120	< 1	0.68	17	80	< 2	240	0.22	58	< 10	58
513357	10.10	0.39	0.28	65	23	0.40	1	120	< 2	44	0.08	27	< 10	16
513358	1.96	0.46	0.60	105	1	1.21	17	780	< 2	151	0.15	33	10	26
513359	0.53	0.04	0.03	20	< 1	0.10	5	20	< 2	8	< 0.01	3	< 10	2
513360	3.74	2.92	0.89	290	1	1.39	21	260	< 2	200	0.20	55	60	40
513361	2.44	1.59	0.48	215	< 1	2.20	13	110	< 2	139	0.18	46	10	24
513362	2.40	1.70	0.46	230	< 1	1.79	17	150	< 2	109	0.17	45	10	26
513363	2.14	1.67	0.47	240	< 1	2.09	24	140	< 2	132	0.20	41	10	28
513364	3.77	8.38	0.77	155	< 1	0.86	58	100	12	355	0.17	45	590	34
513365	6.68	2.92	1.20	420	< 1	1.23	6	1310	< 2	315	0.53	182	320	318
513366	11.30	2.44	0.26	50	< 1	0.11	1	320	12	265	0.09	24	2260	908
513367	10.00	2.39	0.25	40	< 1	0.13	1	290	10	235	0.07	21	2210	802
513368	1.99	1.95	0.26	255	< 1	3.38	3	250	< 2	95	0.20	20	10	32
513369	9.79	2.49	0.27	50	< 1	0.15	5	430	14	379	0.12	30	2050	4350
513401	2.15	0.33	0.42	95	< 1	0.20	7	170	20	79	0.09	18	30	70
513402	3.72	1.08	0.30	80	4	0.42	18	160	< 2	103	0.05	16	< 10	30
513403	6.48	0.09	0.67	70	14	0.16	< 1	< 10	< 2	143	0.07	29	< 10	20
513404	1.75	0.59	0.40	1585	2	1.99	18	330	350	1875	0.06	16	< 10	3940
~~513405~~	~~1.14~~	~~0.56~~	~~0.37~~	~~465~~	~~< 1~~	~~0.46~~	~~7~~	~~210~~	~~10~~	~~3490~~	~~0.09~~	~~14~~	~~< 10~~	~~16~~

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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REFERENCES

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Erdmer,P , Blueschist and eclogite in mylonitic allochthons, Ross River and Watson Lake areas, southeastern Yukon, Canadian Journal of Earth Sciences, v 24,p ,1439-1449 1987

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Yukon Exploration and Geology 1999, Indian and Northern Affairs Canada Emerald Exploration, p 26

TRANSPORTATION	YMIP	SUPPLEMENT	TOTAL
Helicopter (TNH)			
10/06 #29476	896 15		
02/07 #29494	896 15		
15/07 #29514	895 96		
30/07 #27775	1,120 18		
	3,808 44		3,808 44
05/08 #29051		896.15	
24/08 #29062		1,232 20	
05/09 #29080		1,232 20	
12/09 #29081		784 13	
29/09 #27598		1,146 93	
04/10 #29801		573 47	
		5,865 08	5,865 08
			9,673 52

TRANSPORTATION	YMIP	SUPPLEMENT		TOTAL
Personal Vehicle Whitehorse-Ross River Return				
09/06 & 02/07				
910km @ 42c/km	366 00			
15/07 & 05/08				
910km @ 42c/k	366 00			
(standby – Ross River)				
10/06 to 01/07				
22 days @ $10/d	220 00			
16/07 to 04/08				
20 days @ $10/d	200 00			
	1,152 00			1,152 00
24/08 & 12/09				
910km @ 42c/km		366 00		
29/09 & 03/10				
910km @ 42c/km		366 00		
(stand by)				
24/08 to 12/09				
20 days @ $10day		200 00		
29/09 to 03/10				
5 days @ $10/day		50 00		
			982 0	982 00
				$2,134 00

ASSAYS & SUPPLIES	YMIP	SUPPLEMENT	TOTAL
#202072 (ACME)	292 11		
#240822 (ACME)	117 70		
#202933 (ACME)	282 48		
#204259 (ACME)	288 90		
#204260 (ACME)	205 44		
#204406 (ACME)	272 05		
#020044 (NAL)		361 53	
	1,458 68	361 53	1,820 21

Sample Freight

03/07	Greyhound	43 36	
09/08	Greyhound	59 04	
16/09	Greyhound	53 44	
07/10	Greyhound		44 57
20/08	Loomis Courier	56 30	
		212 14	44 57	256 71
				2,076 92

COMMUNICATIONS	YMIP	SUPPLEMENT	TOTAL
Globalstar Satphone			
Total North Communications			
03/06 to 30/08 #022341	1,155 00		1,155 00
03/06 to 30/08 #022566	150 00	170 73	320 73
Dilman Communications			
27/09 to 04/10		115 00	115 00
	1,305 00	285 73	1,590 73

FIELD SUBSISTENCE		YMIP	SUPPLEMENT	TOTAL
10/06 to 01/07 (FLO)	22d @ $35/d	770 00		
16/07 to 04/08 (C/Rat)	20d @ $35/d	700 00		
24/08 to 03/09 (Maui)	11d @ $35/d		385 00	
04/09 to 12/09 (F/Por)	9d @ $35/d	315 00		
29/09 to 03/10 (E/Bog)	5d @ $35/d	175 00		
10/10 to 22/10 Report	3d @ $35/d	105 00		
		2,065 00	385 00	2,450 00

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD
20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
TELEPHONE (867) 668 2177 FAX (867) 668 3420

ACCOUNT NUMBER

INVOICE NUMBER **29494**

INVOICE DATE

AREA: B C ☐ YUKON ☑ NWT ☐ ALTA ☐

CHARTERER Jim Dodge

BILLING ADDRESS YXJD

A/C TYPE B406 | AIRCRAFT REGISTRATION C: G F K D

FLIGHT DATE: DAY 02 | MONTH 07 | YEAR 02

PURCHASE ORDER NO

FUEL & OIL X: TNTA	CUST	TNTA FUEL USED	HRS./LITRES	FROM
✓		Jet B	912	YDM

FROM / TO	UP/DOWN TIME	HOURS	REMARKS - NO OF PASS	FREIGHT Kg
YDM →	9 15		1 PAX & gear	
Hoole CK →	10 02	.8		
YDM				
			pd Cheque #053	

SUB	G L	AMOUNT
0 0 0 0	3 2 3	

	.8	@ 950	760	00
		@		
HOLDING TIME		@ / HR		
FUEL	912	@ 85 / LITRE	77	52
FUEL		@ / LITRE		
MEALS & LODGINGS				
OTHER				
OTHER				
SUB TOTAL			837	52
GOODS & SERVICES TAX REGISTRATION NO R121483135			58	63
TOTAL		$	896	15

TERMS PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James A Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS BDG — PILOTS SIGNATURE

ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

FLIGHT REPORT – CUSTOMER'S COPY

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD
20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
TELEPHONE (867) 668 2177 FAX (867) 668 3420

ACCOUNT NUMBER

INVOICE NUMBER **29476**

INVOICE DATE

AREA: B C ☐ YUKON ☐ NWT ☐ ALTA ☑

CHARTERER Jim Dodge

BILLING ADDRESS

A/C TYPE 13406 | AIRCRAFT REGISTRATION C: G F K D

FLIGHT DATE: DAY 10 | MONTH 06 | YEAR 02

PURCHASE ORDER NO

FUEL & OIL X: TNTA	CUST	TNTA FUEL USED	HRS./LITRES	FROM
✓		912 Jet B		YDM

FROM / TO	UP/DOWN TIME	HOURS	REMARKS - NO OF PASS -	FREIGHT Kg
YDM →	8 23		1 PAX & gear	
Hoole River →				
YDM	9 09	.8		
			pd Cheque #053	

SUB	G L	AMOUNT
0 0 0 0	3 2 3	

	.8	@ 950	760	00
		@		
HOLDING TIME		@ / HR		
FUEL	912	@ 85 / LITRE	77	52
FUEL		@ / LITRE		
MEALS & LODGINGS				
OTHER				
OTHER				
SUB TOTAL			837	52
GOODS & SERVICES TAX REGISTRATION NO R121483135			58	63
TOTAL		$	896	15

TERMS PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James A Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS BDG — PILOTS SIGNATURE

ENGINEER'S NAME James A Dodge

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

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REMIT PAYMENT TO

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ACCOUNT NUMBER: DODGJIM

INVOICE NUMBER: 27775

INVOICE DATE: 31 07 02

CHARTERER: Jim Dodge

BILLING ADDRESS:

A/C TYPE: 206 II

AIRCRAFT REGISTRATION: C-FDRZ

FLIGHT DATE: DAY 30 MONTH 07 YEAR 02

FUEL & OIL: TNTA ✓

TNTA FUEL USED: HRS/LITRES 1.0 FROM Ross River

PURCHASE ORDER NO

FROM / TO	UP/DOWN TIME	HOURS	REMARKS NO OF PASS	FREIGHT Kg
FROM Ross River		1.0	1 Pax + Gear	
			Camp move	
			pd cheque #54	

SUB	GL	AMOUNT				
1605	502	950.00	1.0	@ 950		950.00
1600	131	96.90		@		
			HOLDING TIME	@	/HR	
0000	323	73.28	FUEL 114	@ 85	/LITRE	96.90
			FUEL	@	/LITRE	
			MEALS & LODGINGS			
			OTHER			
			OTHER			
			SUB TOTAL			1046.90
			GOODS & SERVICES TAX REGISTRATION NO R121483135			73.28
			TOTAL			$ 1120.18

TERMS PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James A. Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: RWM

PILOTS SIGNATURE

ENGINEER'S NAME: RWM

REMIT PAYMENT TO

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TELEPHONE (867) 668-2177 FAX (867) 668-3420

ACCOUNT NUMBER: DODGJIM

INVOICE NUMBER: 29514

INVOICE DATE: 31 07 02

CHARTERER: J Dodge

BILLING ADDRESS:

A/C TYPE: BH06

AIRCRAFT REGISTRATION: C-GFKD

FLIGHT DATE: DAY 15 MONTH 07 YEAR 02

FUEL & OIL: TNTA ✓

TNTA FUEL USED: HRS/LITRES .08 FROM RR

PURCHASE ORDER NO

FROM / TO	UP/DOWN TIME	HOURS	REMARKS - NO OF PASS -	FREIGHT Kg
FROM				
TO				
			pd cheque #54	

SUB	GL	AMOUNT				
1607	502	760.00	8	@ 950		760.00
1600	131	77.35		@		
			HOLDING TIME	@	/HR	
0000	323	58.61	FUEL 91	@ 85	/LITRE	77.35
			FUEL	@	/LITRE	
			MEALS & LODGINGS			
			OTHER			
			OTHER			
			SUB TOTAL			837.35
			GOODS & SERVICES TAX REGISTRATION NO R121483135			58.61
			TOTAL			$ 895.96

K/V

AUG - 8 2002

TERMS PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X James A. Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: BDG

BARRY GUTHRIE
PILOTS SIGNATURE

ENGINEER'S NAME

TRANS NORTH HELICOPTERS

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ACCOUNT NUMBER: DODGJIM
INVOICE NUMBER: 29080
INVOICE DATE: 16 09 02
AREA: B.C. YUKON NWT ALTA

CHARTERER: Jim Dodge
BILLING ADDRESS: SOLO

A/C TYPE: B1106
AIRCRAFT REGISTRATION C: GTNY
FLIGHT DATE: DAY 05 MONTH 09 YEAR 02
PURCHASE ORDER NO:

FUEL & OIL X: TNTA CUST | TNTA FUEL USED | HRS /LITRES | FROM

FROM / TO	UP/DOWN TIME	HOURS	REMARKS - NO OF PASS	FREIGHT Kg
YDM →			1 pax & gear	
Hoole →			camp move	
YDM				

PAID CHQ # 056

Remit Payment To
Trans North Helicopters
P O Box 8
Whitehorse, Yukon
Y1A 5X9

	1.1 @ 950	1045	00
	@		
HOLDING TIME @ / HR			
FUEL 125.4 @ .85 / LITRE		106	59
FUEL @ / LITRE			
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		1151	59
GOODS & SERVICES TAX REGISTRATION NO R121483135		80	61
TOTAL $		1232	20

TERMS PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24 % PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James A. Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: BDG
PILOTS SIGNATURE

ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

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TELEPHONE (867) 668 2177 FAX (867) 668 3420

ACCOUNT NUMBER: DODGJIM
INVOICE NUMBER: 29081
INVOICE DATE: 16 09 02
AREA: B.C. YUKON NWT ALTA

CHARTERER: Jim Dodge
BILLING ADDRESS:

A/C TYPE: B1106
AIRCRAFT REGISTRATION C: GPGLT
FLIGHT DATE: DAY 16 MONTH 09 YEAR 02
PURCHASE ORDER NO:

FUEL & OIL X: TNTA CUST | TNTA FUEL USED | HRS /LITRES | FROM

FROM / TO	UP/DOWN TIME	HOURS	REMARKS NO OF PASS	FREIGHT Kg
YDM →	17.44		1 pax & gear	
Hoole Rnch →	18 25	.7		
YDM			Remob	

PAID CHQ # 056

Remit Payment To
Trans North Helicopters
P O Box 8
Whitehorse, Yukon
Y1A 5X9

	.7 @ 950 00	665	00
	@		
HOLDING TIME @ / HR			
FUEL 7980 @ 85 / LITRE		67	83
FUEL @ / LITRE			
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		732	83
GOODS & SERVICES TAX REGISTRATION NO R121483135		51	30
TOTAL $		784	13

TERMS PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24 % PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James A. Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: BDG
PILOTS SIGNATURE

ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

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ACCOUNT NUMBER: DODGEJIM
INVOICE NUMBER: 29062
INVOICE DATE: 16 08 02
AREA: B.C. YUKON NWT ALTA

CHARTERER: Jim Dodge
BILLING ADDRESS: PO Box 31013 5010
WHITEHORSE, YUKON Y1A 5M

A/C TYPE: B1106 AIRCRAFT REGISTRATION C: CTNY
FLIGHT DATE: DAY 24 MONTH 08 YEAR 02
PURCHASE ORDER NO:

FUEL & OIL X: TNTA CUST
TNTA FUEL USED: 1254 HRS/LITRES: YDM FROM:

FROM / TO	UP/DOWN TIME	HOURS	REMARKS NO OF PASS	FREIGHT Kg
YDM → Hoole River → YDM			1 pax & gear	
			PAID CHQ# 056	

Remit Payment To
Trans North Helicopters
P O Box 8
Whitehorse, Yukon
Y1A 5X9

	1.1 @ 950	1045	00
	@		
HOLDING TIME	@ / HR		
FUEL 1254	@ .85 / LITRE	106	59
FUEL	@ / LITRE		
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		1151	59
GOODS & SERVICES TAX REGISTRATION NO R121483135		80	61
TOTAL	$	1232	20

TERMS PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James A. Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: BDG
PILOT'S SIGNATURE
ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
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TELEPHONE (867) 668 2177 FAX (867) 668 3420

ACCOUNT NUMBER: DODGEJIM
INVOICE NUMBER: 29051
INVOICE DATE: 06 08 02
AREA: B.C. YUKON NWT ALTA

CHARTERER: Jim Dodge
BILLING ADDRESS: PO Box 31013
WHITEHORSE, YUKON Y1A 5P7

A/C TYPE: B1106 AIRCRAFT REGISTRATION C: GTNY
FLIGHT DATE: DAY 05 MONTH 08 YEAR 02
PURCHASE ORDER NO:

FUEL & OIL X: TNTA CUST
TNTA FUEL USED: YDM HRS/LITRES: FROM:

FROM / TO	UP/DOWN TIME	HOURS	REMARKS NO OF PASS	FREIGHT Kg
YDM →	2 30			
Hoole →			1 pax & gear	
YDM	7 37	.8	pick-up	
			Paid Aug 06/02	
			cheque # 0054	
			Thank-You	

SUB	GL	AMOUNT				
1625	502	760	00	.9	@ 950	760	00
1600	131	77	52		@		
				HOLDING TIME	@ / HR		
0000	323	58	63	FUEL 91.2	@ .85 / LITRE	77	52
				FUEL	@ / LITRE		
				MEALS & LODGINGS			
				OTHER			
				OTHER			
				SUB TOTAL		837	52
				GOODS & SERVICES TAX REGISTRATION NO R121483135		58	63
				TOTAL	$	896	15

TERMS PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James A. Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: BDG
PILOT'S SIGNATURE
ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

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TRANS NORTH TURBO AIR LTD
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TELEPHONE (867) 668 2177 FAX (867) 668 3420

ACCOUNT NUMBER: DODGJIM
INVOICE NUMBER: 27598

INVOICE DATE: 24 10 02

CHARTERER: JAMES DODGE

BILLING ADDRESS: BOX 31013 SOLD
WHITEHORSE, YUKON Y1A 5P7

A/C TYPE: B 206
AIRCRAFT REGISTRATION C: GPGH

FLIGHT DATE: DAY 29 MONTH 09 YEAR 02

PURCHASE ORDER NO

FUEL & OIL: INTA ✓ | CUST | INTA FUEL USED | HRS/LITRES 1.0 | FROM RR

FROM / TO	UP/DOWN TIME	HOURS	REMARKS	NO. OF PASS	FREIGHT Kg
FROM Ross River					
TO Hoole River					
Local Scout					
Ross River					

PAID BY CHEQUE #0358
REFER F/I # 29801

Please Remit Payment To
Trans North Helicopters
PO Box #8
Whitehorse, Yukon
Y1A 5X9

TERMS: PAYABLE UPON RECEIPT OF INVOICE
INTEREST PER MONTH (24 PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: BHP
PILOT'S SIGNATURE
ENGINEER'S NAME

	@		
1.0	@ 975	975	–
HOLDING TIME	@ /HR		
FUEL 114 L	@ .85 /LITRE	96	90
FUEL	@ /LITRE		
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		1071	90
GOODS & SERVICES TAX REGISTRATION NO. R121483135		75	03
TOTAL	$	1146	93

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

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TELEPHONE (867) 668 2177 FAX (867) 668 3420

ACCOUNT NUMBER: DODGJIM
INVOICE NUMBER: 29801

INVOICE DATE: 24 10 02

CHARTERER: JAMES DODGE

BILLING ADDRESS: BOX 31013
WHITEHORSE, YUKON Y1A 5P7

A/C TYPE: B 206
AIRCRAFT REGISTRATION C: GPGH

FLIGHT DATE: DAY 04 MONTH 10 YEAR 02

PURCHASE ORDER NO

FUEL & OIL: INTA ✓ | CUST | INTA FUEL USED | HRS/LITRES .5 | FROM RR

FROM / TO	UP/DOWN TIME	HOURS	REMARKS	NO. OF PASS	FREIGHT Kg
FROM Ross River					
TO Hoole Rvr					
Ross River					

PAID BY CHEQUE #0358
REFER F/I# 27598

Please Remit Payment To
Trans North Helicopters
PO Box #8
Whitehorse, Yukon
Y1A 5X9

TERMS: PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS

X James Dodge
CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS: BHP
PILOT'S SIGNATURE
ENGINEER'S NAME

	@		
.5	@ 975	487	50
HOLDING TIME	@ /HR		
FUEL 57 L	@ .85 /LITRE	48	45
FUEL	@ /LITRE		
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		535	95
GOODS & SERVICES TAX REGISTRATION NO. R121483135		37	52
TOTAL	$	573	47

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TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

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ACME ANALYTICAL LABORATORIES LTD.

852 East Hastings., Vancouver, B C CANADA V6A 1R6
Phone (604) 253-3158 Fax (604) 253-1716
Our GST # 100035377 RT

DODGE. JIM
Box 31013 MPO
Whitehorse. YT
Y1A 5P7

Inv # **A2S0822**
Date Aug 22 2002

QTY	ASSAY	PRICE	AMOUNT
	500 SOIL ENVELOPES @ $220 00/1000		110 00
	GST Taxable		110 00
	7 00% GST		7 70
	CAD $		**117.70**

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TERMS Net two weeks. 1.5 % per month charged on overdue accounts.

[COPY 2]

ACME ANALYTICAL LABORATORIES LTD.
852 East Hastings,, Vancouver, B C , CANADA V6A 1R6
Phone (604) 253-3158 Fax (604) 253-1716
Our GST # 100035377 RT

DODGE, JIM
Box 31013 MPO
Whitehorse, YT
Y1A 5P7

Inv # **A202933**
Date Aug 23 2002

QTY	ASSAY	PRICE	AMOUNT
11	GROUP 1F-MS (30 gm) @	21 85	240 35
11	S230 - TILL @	2 15	23 65
	GST Taxable		264 00
	7 00% GST		18 48
	CAD $		**282.48**

Samples submitted by Jim Dodge

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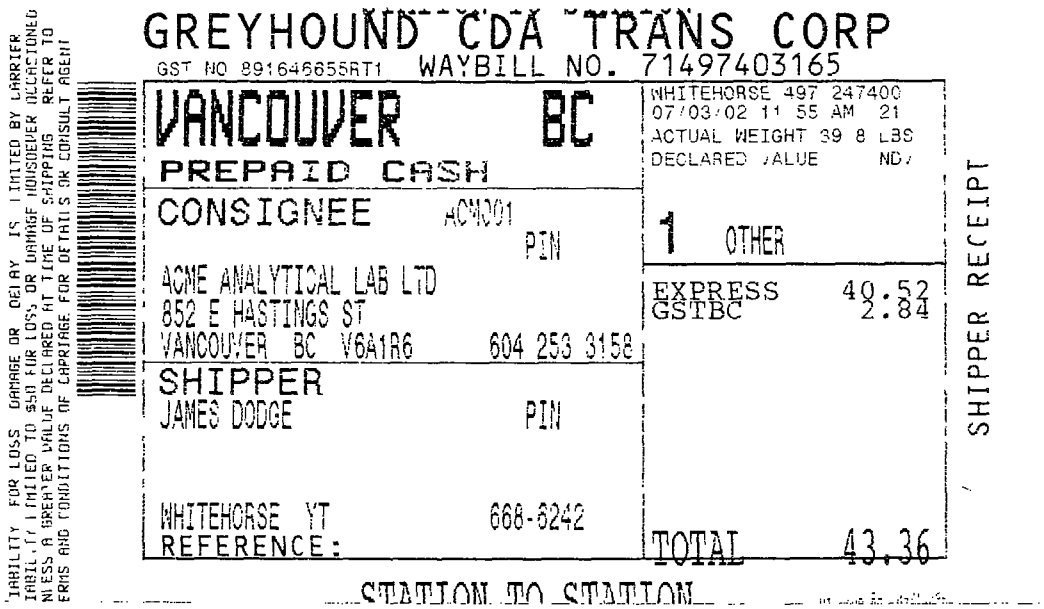
TERMS Net two weeks 1 5 % per month charged on overdue accounts

[COPY 2]



GREYHOUND CDA TRANS CORP

GST NO 891646655RT1 WAYBILL NO. 71497403165

VANCOUVER BC

PREPAID CASH

CONSIGNEE ACM001 PIN

ACME ANALYTICAL LAB LTD
852 E HASTINGS ST
VANCOUVER BC V6A1R6 604 253 3158

SHIPPER
JAMES DODGE PIN

WHITEHORSE YT 668-6242
REFERENCE:

WHITEHORSE 497 247400
07/03/02 11 55 AM 21
ACTUAL WEIGHT 39 8 LBS
DECLARED VALUE NDV

1 OTHER

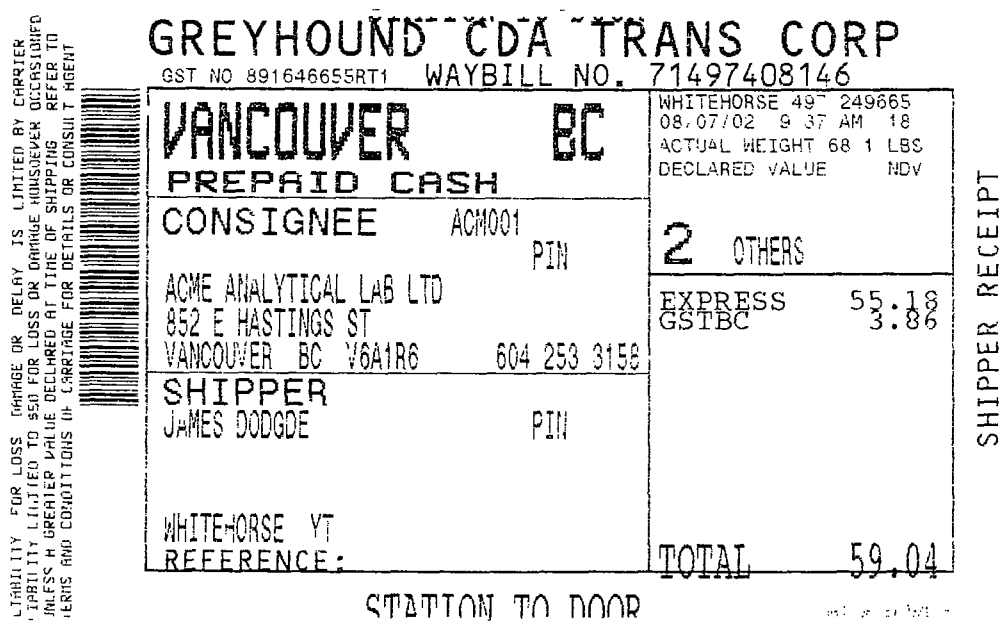
EXPRESS 40.52
GSTBC 2.84

TOTAL 43.36

STATION TO STATION

SHIPPER RECEIPT

LIABILITY FOR LOSS DAMAGE OR DELAY IS LIMITED BY CARRIER
LIABILITY LIMITED TO $50 FOR LOSS OR DAMAGE HOWSOEVER OCCASIONED
UNLESS A GREATER VALUE DECLARED AT TIME OF SHIPPING REFER TO
TERMS AND CONDITIONS OF CARRIAGE FOR DETAILS OR CONSULT AGENT



GREYHOUND CDA TRANS CORP

GST NO 891646655RT1 WAYBILL NO. 71497408146

VANCOUVER BC

PREPAID CASH

CONSIGNEE ACM001 PIN

ACME ANALYTICAL LAB LTD
852 E HASTINGS ST
VANCOUVER BC V6A1R6 604 253 3158

SHIPPER
JAMES DODGDE PIN

WHITEHORSE YT
REFERENCE:

WHITEHORSE 497 249665
08/07/02 9 37 AM 18
ACTUAL WEIGHT 68 1 LBS
DECLARED VALUE NDV

2 OTHERS

EXPRESS 55.18
GSTBC 3.86

TOTAL 59.04

STATION TO DOOR

SHIPPER RECEIPT

LIABILITY FOR LOSS DAMAGE OR DELAY IS LIMITED BY CARRIER
LIABILITY LIMITED TO $50 FOR LOSS OR DAMAGE HOWSOEVER OCCASIONED
UNLESS A GREATER VALUE DECLARED AT TIME OF SHIPPING REFER TO
TERMS AND CONDITIONS OF CARRIAGE FOR DETAILS OR CONSULT AGENT

LIABILITY FOR LOSS, DAMAGE OR DELAY IS LIMITED BY CARRIER LIABILITY LIMITED TO $50 FOR LOSS OR DAMAGE HOWSOEVER OCCASIONED UNLESS A GREATER VALUE DECLARED AT TIME OF SHIPPING. REFER TO TERMS AND CONDITIONS OF CARRIAGE FOR DETAILS OR CONSULT AGENT

GREYHOUND CDA TRANS CORP

GST NO 891646655RT1 WAYBILL NO. 71497418506

VANCOUVER BC
PREPAID CASH

WHITEHORSE 497 253929	
10/07/02 10 54 AM 21	
ACTUAL WEIGHT 37 2 LBS	
DECLARED VALUE	NDV
1 OTHER	
EXPRESS	41.65
GSTBC	2.92
TOTAL	44.57

CONSIGNEE ACM001 PIN
ACME ANALYTICAL LAB LTD
852 E HASTINGS ST
VANCOUVER BC V6A1R6 604-253-3158

SHIPPER
JIM DODGE PIN

WHITEHORSE YT
REFERENCE:

SHIPPER RECEIPT

STATION TO DOOR

UNLESS A GREATER VALUE DECLARED AT TIME OF SHIPPING. REFER TO TERMS AND CONDITIONS OF CARRIAGE FOR DETAILS OR CONSULT AGENT

GREYHOUND CDA TRANS CORP

GST NO 891646655RT1 WAYBILL NO. 71497415113

VANCOUVER BC
PREPAID CASH

WHITEHORSE 497 252425	
09/16/02 10 06 AM 21	
ACTUAL WEIGHT 56 5 LBS	
DECLARED VALUE	NDV
1 OTHER	
EXPRESS	49.94
GSTBC	3.50
TOTAL	53.44

CONSIGNEE ACM001 PIN
ACME ANALYTICAL LAB LTD
852 E HASTINGS ST
VANCOUVER BC V6A1R6 604-253-3158

SHIPPER
JIM DODGE PIN

WHITEHORSE YT
REFERENCE:

SHIPPER RECEIPT

STATION TO DOOR

FORM No 92001 (REV 08/01) 20051437

DIVISION OF MAYNE NICKLESS TRANSPORT INC / DE TRANSPORTS MAYNE NICKLESS INC

Loomis logistics / Loomis logistique

L-679108821

FROM/DE — ACCOUNT NO / Nº DE COMPTE — TELEPHONE — POSTAL CODE/CODE POSTAL

ENV / PARCEL COLIS — PIECES 1 — DESCRIPTION / INSTRUCTIONS: Soil Env. Crafts Ba...

TO/A — ACCOUNT NO / Nº DE COMPTE — TELEPHONE — POSTAL CODE/CODE POSTAL

EXPRESS [X] GROUND ROUTE [ ] DATE MO D/J Y/A

DECLARED VALUE / VALEUR DECLAREE $100 — SPECIAL AGREEMENT # / ENTENTE SPECIALE

SHIPPER/EXPEDITEUR X

SEE TERMS AND CONDITIONS ON REVERSE / VOIR LES TERMES ET CONDITIONS AU VERSO

LB 10 — KG — DIMENSIONS INCHES/POUCES — CM — CORRECTED WEIGHT / POIDS REVISE

PICK UP/CUEILLETTE — TIME/HEURE

REFERENCE

GST/TPS 12208 2753 RT0001 — TOTAL $

SPECIAL SERVICES / SERVICES SPÉCIAUX: FRAGILE — RETURN CHEQUE / CHEQUE RETOURNE — DANGEROUS GOODS / MATIERES DANGEREUSES — SATURDAY DEL / LIV SAMEDI

L679108821

TOTAL NORTH COMMUNICATIONS LTD.

311 Black Street Whitehorse Yukon Y1A 2N1 Tel [867] 668-5175 Fax [867] 668-4710

BILL TO

Dodge, James
14 Macdonald Rd
Box 31013
Whitehorse Yukon Y1A 5P7
ATT. James Dodge

INVOICE: 03 T- 022341

CUSTOMER ACCOUNT NO	c00258
P O / CONTRACT	
INVOICE DATE	August 06, 2002
TERMS	Net 30 Days
PAYMENT TYPE	VISA
SALESPERSON	SYLVAIN
INVOICE TOTAL	$1,155 60

EQUIPMENT ID **Sat Phone** **403-997-6665** RE **SATPHONE RENTAL**
MODEL / SER NO **Globlastar**

DESCRIPTION of CHARGES

Rental of sat phone from June 3rd to August 30th
Airtime charges (100 - 21 - 46)

	HOURS	RATE	AMOUNT
REG	@		
O/TIME	@		
TRAVEL	@		
TOTAL LABOR			
PARTS / PRODUCT TOTAL			1080 00
RENTAL FEE			
MIN / FLAT FEE			
TOTAL EXPENSES			

TRAVEL EXPENSES

Kilometres	VEHICLE	HOTEL	MEALS
@			

Please Note
Minimum Charge in advance for initial equipment inspection **$30 00**
[Charge to be credited to total invoice when further equipment service / repair is authorized by customer]
All customer equipment left in the care of Total North in excess of **6 Months** shall be deemed abandoned & left for disposal by TNC
2% Interest [**24%** Per Annum] Charged On Overdue Accounts

SUBTOTAL		$1080 00
G S T	0 07	75 60
GST #R105328132 P S T		0
INVOICE TOTAL		$1,155 60

ITEMIZED PARTS / PRODUCT LIST

QUANT	PART / PRODUCT NO	DESCRIPTION	UNIT PRICE	AMOUNT
3	Monthly rental		275 00	825 00
1	Bundled minutes	100	255 00	255 00

TOTAL NORTH COMMUNICATIONS LTD.

211 Black Street Whitehorse Yukon Y1A 2N1 Tel [867] 668-5175 Fax [867] 668-4710

BILL TO

Dodge, James
14 Macdonald Rd
Box 31013
Whitehorse Yukon Y1A 5P7
ATT. James Dodge

INVOICE: 02 T- 022566

CUSTOMER ACCOUNT NO	c00258
P O / CONTRACT	
INVOICE DATE	September 19 2002
TERMS	Net 30 Days
PAYMENT TYPE	VISA
SALESPERSON	SYLVAIN
INVOICE TOTAL	$320 73

EQUIPMENT ID **Sat Phone** **403-997-6665** RE SATPHONE RENTAL
MODEL / SER NO **Globlastar**

DESCRIPTION of CHARGES	HOURS	RATE	AMOUNT
	REG @		
Airtime charges (100 - 21 - 46)	O/TIME @		
	TRAVEL @		
	TOTAL LABOR		
	PARTS / PRODUCT TOTAL		299 75
	RENTAL FEE		
TRAVEL EXPENSES	MIN / FLAT FEE		
Kilometres VEHICLE HOTEL MEALS			
@	TOTAL EXPENSES		

Please Note
Minimum Charge in advance for initial equipment inspection **$30 00**
[Charge to be credited to total invoice when further equipment service / repair is authorized by customer]
All customer equipment left in the care of Total North in excess of **6 Months** shall be deemed abandoned & left for disposal by TNC
2% Interest [**24%** Per Annum] Charged On Overdue Accounts

SUBTOTAL		$299 75
G S T	0 07	20 98
GST #R105328132 P S T		0
INVOICE TOTAL		$320 73

ITEMIZED PARTS / PRODUCT LIST

QUANT	PART / PRODUCT NO	DESCRIPTION	UNIT PRICE	AMOUNT
109	MINUTE	OVER AND ABOVE BUNDLED MINUTES	2 75	299 75

Sampling North showing, FLO 1-4 Claims

Assembling solar-electric bear fence, FLO 1-4 Claims camp

FLO 1-4 Claims greisen terrane looking east.

FLO 1-4 Claims Lower showing; fluorspar in chalcedonic greisen

F-area (POR) 80cm pit glacial till sampling (feldspar porphyry)

F-area (POR) 70cm pit glalcial till sampling (basalt bedrock)

F-area (POR) till sample pit #1 next to camp with electric fence

MAUI claim #4 Beryllium geochem anomaly in schist bedrock across mid-distant slope.

FLO #3

FLO #4

669

Lat 61°37.543 N
Long 131°33.235 W

670

675

671-674

676

(North Zone)

636
631

660-664

665

(Upper Zone)

Latitude 61°37.397'N and
Longitude 131°32.948'W

666

N

655
656

GEOLOGY

FLO 1-4 MINERAL CLAIMS
YUKON TERRITORY

NTS 105G-12

WATSON LAKE MINING DISTRICT

Legend

- Augen gneiss
- Greisen gneiss
- Trenches
- 118661 Samples
- Claim posts
- Helipad

Scale

1:1000
1cm=10m

PROFESSIONAL ENGINEER
YUKON TERRITORY
JAMES S. DODGE

James S. Dodge
Professional Engineer, Yukon

25 October

668

667

677

PIT #1

(Lower Zone)

FLO #1

FLO #2

ABRIDGED RESUME
JAMES S DODGE, P ENG

Education

B S Mining Engineering, 1941, Missouri School of Mines, Rolla, Missouri, U S A
M S Economic Geology, 1951, Leland Stanford University, Palo Alto, California, U S A
Field Geology Mapping, 1940 , Princeton University , Red Lodge, Montana, U S A
African Ore Deposits, 1952, Albert Ludwigs Universitaet, Freiburg im Breisgau, Germany

Experience

Miner - 1939 South London, Colorado, 1941 Hirst Chichagof, Alaska
Mine Geologist – 1941-1943, under Reno Sales, Anaconda Copper, Butte, Montana
Mine Operator – 1945 U S Army Engineer Lieutenant, air field construction, Kyushu, Japan
Deputy Chief, Mining/Geology – 1946-1949 SCAP Occupation, Tokyo, Japan
Senior Exploration Geologist – 1954-1955 U S Atomic Energy Commission, Washington, D C
Prospector/Mine Operator – 1956-1959 Fryingpan Uranium Co , Aspen, Colorado
Prospector – 1958-1959 - Southern Rhodesia/Northern Rhodesia – emeralds
Geologist – 1959 – Guest Gov't France, Uranium deposits, Massif Central, France
Consultant – 1960-1964 – Mitsui Mining/Smelting – Porphyry Coppers Peru, Chile, U S A
Consultant – 1963-1966 - Mitsui Mining/Smelting – Pb/Zn Massive Sulfides, Vangorda, Yukon
Consultant - 1967 ' ' ' ' ' ' '

Thayer Lindsey (B C), ESSO staked Eaglehead (B C), Eisenman Chemical Nevada discovered largest No Am barite deposit, Glidden Co barite New Mexico, DIAND Whitehorse copper, unconformity uranium, Sask , magnetite Southern California, beach sand gold, Yagataga, Alask Atlas Exploration, copper Chile, bedding sands, Manitoba, expa nded shale, Japan, TEA barite Yukon, minette pipes, Dawson, Yukon, Tarvisio, Italy Pb/Zn, Morocco/Algeria 1952 Pb/Zn

Affiliation

Senior Fellow, Society of Economic Geologists
Member, Association of Professional Engineers, Yukon Territory

FLO #3

FLO #4

669

Lat 61°37.543 N
Long 131°33.235 W

670

675

671-674

676

(North Zone)

636
631

660-664

665

(Upper Zone)

Latitude 61°37.397'N and
Longitude 131°32.948'W

666

N

655
656

H

668

667

PIT 31

677

(Lower Zone)

GEOLOGY

FLO 1-4 MINERAL CLAIMS
YUKON TERRITORY

NTS 105G-12

WATSON LAKE MINING DISTRICT

Legend

- Augen gneiss
- Greisen gneiss
- Trenches
- 118661 Samples
- Claim posts
- H Helipad

Scale

1:1000
1cm = 10m

PROFESSIONAL ENGINEER
YUKON TERRITORY
JAMES S. DODGE

James S. Dodge
Professional Engineer, Yukon

25 October

FLO #1

FLO #2

Blueline®

MEMO BOOK
CALEPIN
LIBRETA

J S DODGE
YMIP #02-004

Subject / Objet / Tema :			
From / De / Del :		To / À / Al :	

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A 405 Black / Noir / Negro

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A 405X Black / Noir / Negro

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J S DODGE

*02-004 FRI

~~ACME Hwy~~
~~Fri Bill~~

~~3 or 4 pm~~
800

~~Extra Charges~~

~~FAX~~
~~Reports~~
~~on 12th~~

~~DODGE LTD~~
File

~~Search immigration form~~

~~Will briefcase~~

~~Statement - Tulsa~~

~~Trailer~~

2002

09 June Sunday

Confer Larry Naji re Solomon Resources contribution toward 2002 prospecting

Drove (noon) from Whitehorse (Mary Lake subdivision) to Ross River - arr 6:15. Helicopter away re staking near Andrew (65 N. of Canol) Ron Bardhalt 3. - Barry(?) arr. Ross 11:15 pm. Tea with pilot

Few sprinkles + 15°

10 June Monday
clear + ~~8~~ until
8:30 arriving at base
camp by helicopter —
then increasing long showers
coordinates —
61° 37' 19.5"
131° 33' 20"
Between heavy showers put in
plastic fence posts with
strand insulators.
steady drizzle begins 2pm.

+5 - 7am

11 June Tues sunny until 1pm - then all cloud cover

Strung 4 strands, hooked up solar battery - checked out by elec sparks when hold screwdriver touching fence wire and ground pipe.

Checked flagging to Claim Posts #1/#2 and attached tags to top each post.

Large (25cm) roughedged boulder in transect clearing much fluorspar - several deep purple and intense emerald green fluorspar. Examined pits #11, #11.1N / #11.1S

~~bedrock~~ wee fluorspar much silicification of parent augen schist.

called Sarah

Lost watch!

12 June Wed +6 at 8am

Partly cloudy

Started slow-walk search for lost watch along route in Bush taken after 10:45 am when checked watch at energizing the bear fence. No problema — there it was partly covered by moss!

On route to Lower Showing uncovered 3 boulders of gneiss and one large bedrock (?) mass over 2 m across ~ 75 m SW of Lower Showing.

In afternoon - cruised to N of Lower-Upper Gneiss trend - noting broad area of silicified augen gneiss

12 cont'd

@ 4:45 new greenish centre
w purple/green CaF2 on
west-facing hillside (A)
61° 37.543
131° 33.235
appears to be bedrock

c 5:30 float - green CaF2 (B)
c 61° 37.528
131° 33.192

@ 6:15 - sulfides (Asp?) (C)
and many boulders of greenish
@ 37.513
33.150

Returned 6:50 - no call-in
Globalstar @ 7:00

13 June Thurs 0°C

3 mon (ice) on pail water

Revisited greesen boulder from which '01 sampling gave sub-commercial base metal and silver values. Couldn't identify much in way of sulfides in FGr sheared greesen.

@ 4280' (base camp = 4400')

37. 420

33. 295

Revisited 12th site "C" @ 4360' and collected assay sample at 2 spots within the 20m wide greesen zone.

Continued up west & NW flank to top then on to "Upper Zone" after placing claim tags on posts FLO 1/2/3/4

Continued down W slope along blazed claim line noting that all the bare patches were underlain by silicified augen gneiss - so a greisen appears extensive (est. >150m) wide connecting upper and lower greisen outcrops; so far, no CaF_2 noted between the 2 zones.

Collected grab chip samples - on W-facing 'patchy buckbrush' slope - greisen but no CaF_2 so far.

14 Jun '02 0° am 24 pm
Friday
Short shower

Returned to sites A & B for resampling and areal extent – only up to 10 m for B and 5 m for C.

Bold in-place outcrops of augen gneiss – small size 1 cm augens.

330° 10E
37.627
33.248

15 JUN SAT. +5 am cloudy then 11° cold N wind

Dug ~~4~~ 75 cm pit 30 m S of #11 clasts mostly well rounded chlorite schist. One cobble showed stratiform qtz, qtzite, chlorite+qtz with minor sulfides (3)

4420 @ 37.622
33.245

Located Upper Showing — pre-map info

4500' 37.397
32.948

1st lower trench

4463 37.364
32.951

2nd Lower trench

4443 37.357
32.832

New trench (today) between the 2 above sites: @ 4463 Coarse shattered greisen - concomb

37.367
32.913

LOWER SHOWING

4430 37.339
33 229

called Tincup

16 June 02 Sunday

+4° am

Mostly sunny +18°

Revisited "North Showing" being A'B'C' sites inclusive. Collected 2 samples at "C" – one fractured, spinach green patches w/ metallic lustre mineral not over 1 mm size. A second sample from dominantly limonite surrounding a "core" of unweathered chalcedonic white quartz with very small pyrite (?) specks

Possibility of Au/Ag + low base metals

No fluorspar in the 2 above samples.

Directly down slope from North Showing is the near circular pond approx 25m diameter.

No incoming call 7-7[15]

-1°C

17 June 02 Monday ice in
Odd massive white pail
cloud until noon. N wind
re shift of jet trail in cloud

Using hip-thread turned 330° off
at Claim Posts #1/2, #2/, #3/, and #4/1
Flagged each 100 feet incl 500
then ~~jogged~~ jogged 85' to SW from
which site saw flagging of North
Showings @ a vista of 330° —
Thus at this site resumed & carried
line to 330° @ 600 etc. until
1000' point close above the
A-B-C trend. (All on FLO #1)

Cleared off the outcrop of "A"
fenally exposing a bedrock mass
1.5m across — this took 1 hour
because of buckbrush roots.

No incoming call 7-7:15

18 June '02 Very high winds - until 5 pm - mostly sunny
Tues

Re-roped both shelters - as winds yanked pegs.

Doubled yesterdays NW line from 4 clumpost side at upper shoring.

Clearly shelter tents would have blown away if had not tended them - especially 10a-1pm.

19 JUN 02 Wed — 5mm ICE 0/-1°C

Returned to North Float of '01 - dug sufficiently 2 hrs to confirm is float - located 500' (165m) ~~348~~ from LOWER STATION - centre

Examined '01 pit #10 - 5' deep. 90% augen gneiss and gneiss clasts. Collected one 'bed' of chunky black crystals - 1 cm thick - tourmaline (?)

One boulder S of camp appears to be qtz-monzonite-to-granite in fabric and mineral composition. Different than the brecciated veined silicified greisen.

Mike Burke called, followed by Danielle.

+7°
20 June '02 socked-in
Thursday
Summer Solstice
Rain / more rain -
Just as well that Mike
Burke was unable to get
helicopter for greisen exam.

21 Jan FRIDAY

Rain during nite then clear and cold -1°C

1 cm ice on pail water

Re-sampled the '01 float 500' N of Lower Showing.

In preparation for soil sampling of NORTH SHOWING - checked float near base of west slope of 'A' 'B' 'C'. Turned up very large boulder - rough-edged 1m wide with bright display of ocean green CaF_2 - quite as splashy as any of the greisen showings so far. 37.537 and 33.211 434C

Sampled for assay - the above boulder; some 90% FeOx (like outcrop at "C"); chalcedonic slabs that by their very dark tint carry much pyrite.

+3°

22 JUN Sat. +17°

Mostly sunny

On North Showing

Mapped geology and topography over a 550' length of outcrops and subcrops of gneiss. 1:1000 scale.

Sacked a select sample from "C" which generally is best of the 'shiny black metallic mineral boulders.

Call from Miami

0° ice

23 JUN Sun Ptly cloudy

Traversed up claim line on westfacing slope between Lower and Upper Showings. Noted much outcropping greisen (no CaF2 so far). Several good outcrops with remnant ~~schist~~ gneissocity 10°15E visible - up to 100' northwest of claim line.
→ 37.392/33.079

Began mapping outcrops of Upper Showing by flagging 100' centres line SE ~~SE~~ 150° for 500' downslope. Sketched 3 short trenches exposing greisen bedrock. Sketched main showing with its trench in bedrock. Will return tomorrow to sketch topography.

+5° au

24 JUN 01 Monday

Mapped contours along SE-line from Terrace to Claim Posts 1/2/3/4 at 5' intervals. Noted test pit #30 - in bedrock green.

carried on east to put tags on Post No. 2 of FLO 3/4. Mapped dark grey limestone bedrock 60' north of claim posts @ 31.540 / 32.558 And again higher near ridge crest @ 60° with 25°S @ 37.501 / 32.739

Cable from base

During nite 23/24 around 2am bear attempted to come through elec. fence - tore several lengths down, but only in an apparent escape from elec shocks - didn't get to tent or food pails only 15 feet inside the fence. So, it work

+16°C am

25 June - Tuesday

Cut trail through brush at and ~~NE~~ SE from main Lower Showings to the sites of 01 test pits # 11 with auxiliary 11N, 11E, 11S1, 52, 53.

Laid out flagging on 100' intervals along the claim line SW from claim Posts 1, 2, 3, 4 - the 900- site lies on NE-edge of the showings cut line & the test pits. Difference in altitude between upper/Lower showings is 105 feet.

Collected black chips for assay - could be tourmaline?

Bear didn't return in the wee hours, but am bit sleepy anticipating a 2am snooper - but, no, evidently the elec zap last night was enough.

+ 7° am

26 Jun. Wed.

Rain in afternoon

Called Ken G. and left message giving my Globalstar number & 7-7:5 pm standby. However, no evening call - so he may be out on a property visit. Will call ~~him~~ him tomorrow.

Freshened up bottoms of test pits #11 and #11N.

+3°C

27 Jun Thur Showers

Called Ken G. who said would not be coming out to FLO claims and that he had called Barry at Trans North advising he would not be flying on Tues 2nd.

I called Ross Ruer and reconfirmed for pickup @ 9 am on 2nd.

Mapped Lower Showing including Pits #11 and #11N. Resampled #11N. Collected samples of tourmaline for assay, from boulders on Lower Showing.

+6 cm

28 Jun Fri

Mostly cloudy & sprinkles

Mapped area on W-facing hill between Upper & Lower Showings - 9am to 11am

Traversed from the claim line northwest along benches until reached the North Showings. Nothing but low-level silicification of augengneiss - to 2pm

Good bedrock (in main gully) N to 355° @ 15° E.

+20° May

29 Jun Sat

Prospected westward to 4550 altitude along northern shoulder of broad hill. Re-examined test pit #09-01 on south shoulder and note a large 30 cm chunk (clast) of Fe-ox-stained finely qtz crystalline. Logically it was a down slope drift from a bedrock source; perhaps the median zone of the hill.

On The ~~ea~~ northern shoulder was found greisen quite compatible with that covered by FLO claims. Notable is absence of fluorspar but presence of tourmaline replacement of gneiss folia. sampled

Approx 150' north (down hill) was chalcedonic greisen - notable for ~~its~~ much contained sulfide specks and short (1mm) stringers. sampled

Greisen appears to extend over 400' westerly and may be in the order of 150' wide - the latter questionable since are in the glacial transport lee of the main hill.

Absence of limestone (so far) could account for lack of fluorspar, cf FLO claims

East end of greisen - good bedrock @ 37.834/33.851 estimated to be 1850' 290° from 4th posts FLO 1/2.

Still all boils down to evidence for economic potential with some greisen related mineral. Now have 14 rock samples for assay - including 2 taken today.

+8°C

30 Sun July

Showers

Prospected ~~ea~~ south side of WEST SHOWING along test pits (01) 9, 8, and 7 – no grecian float as clasts. Bear gnawings on exposed tree roots.

Before heavy shower, rebagged 14 rock samples for ACME Lab with each bag tagged – although incompletely pending code designations for a new (2002) exploration package (same as I used from New Zealand in April) but it is in Mary Lake cabin. Expect to get bag off to ACME on Wed Greyhound. Office suite from each sample now packed all in one of metal buckets.

+80

01 JULY Monday

Resumed prospecting west along N shoulder of main hill - staying on greisen notable for more black tourmaline and no fluorspar of the upper/lower/North showings.

Greisen appears to fade out @ about 100m beyond lunch stop @ 37.353
34.291

Est. to be 1700' west of #1 Posts of FLO 1/2.

Took photo of the west facing slope where earlier greisens outcrop

Packed up electric beat fence and tent #2 in preparation for early pickup tomorrow.

+6
Rain while

02 JULY - Tues. Packing

TN Helicopter (pelot: Barry Beatty) pick up @ 930am & return to Ross River 11am & off load.

Drove own vehicle to Mary Lake subdivision - Soup @ Bradburn.

Cool beer awaited.

Put assay (ACME) tags in each of 14 rock samples to be shipped on Greyhound tomorrow 7-9 pm. Didn't have assay code number while still at base camp. IDA (10gm)

Requested RUSH for results by afternoon 12 July (Fri) so can decide where next to prospect or - if encouraging, or to trench or soil sample.

13 July – received ACME re greisen assays fax.

14 July Thunderstorm on Campbell Hwy on drive from Mary Lake to Ross River onto Lapie Canyon Campground.

15 July - helicopter 5:35 am to new prospecting area - with base camp @ 61°35' 58.4
131°27 42.4
Set up electric fence but didn't complete solar box as heavy thunderstorm came with much lightning locally. Connected set-up @ 8 pm - no bear during night.

0°C ice in pail

16 July Tues.

Afternoon up to 20°C

On a 300° bearing from camp @ 4000' alt. worked up through thick brush to 4200' first site of first silt sample pit. @ 61°36.245
131°28.616

4 cm moss
8 ash
TOTAL 69cm
2 cm organic black
25 lt brown claye
30 dk choc brown

Clasts - up to 12 cm across mostly not rounded.

Much orange weathering is plus some white qtz + mafic banding
Pyrrhotite minor.

Cold S, Hot cakes

+6°

17 July Cloudy - Rain showers

Managed in shower to re-locate sample pit #1 by GPS - no problem.

Dug additional 1 kg sample @ pit #1 to add to yesterday's sample and clasts.

Hip chained 500' (but wiggly because of dense brush) @ 300° to pit Site #2 @ 36.282 and 131 28.742 @ 4210 alt.

Dug and took 2 kg sample + clasts

5 cm Moss
TD 80 cm
25 Bk organics
25 Greenish clay
25 Dk brown and bedrock

Clasts virtually no rounding
Partly weathered amphibolite w pyrrhotite and cp

18 June +8° cloudy showers pm

Re-located by G.P.S #2 pit.

Hip chained 500' (wiggly brush)
300° to Site #3 e 4230
36.261
28.894

Immediately below bk organics were large (30cm) slabs thin (2 cm) qtz-musc schist (somewhat) calcareous. Clasts include 50% rounded pebbles qtz, amphib and 50% rough edged amphibolite, grey ls, bk chert — thin well displayed near horizontal qtz-musc calcareous schist. One large blocky clast 25cm small augen gneiss.

10 hr

18 Contd

cm	
10	moss
5	ash
10	organic
20	grey pebbles
10	Orange coated - horiz qtz - muse calcareous schist - bedrock

TD 55 cm

2 kg sample + ¼ kg clasts

7°C

19 Jul Heavy showers
2-3:30 pm

Beginning @ Test Pit #3 carried hip chain line to 500' along the 300° vector to Site of Test Pit #4. ~~4370~~
36.340 N 29.023

Upon digging through thick turf (25cm) cleared off 5 cm of ash then start of organics which found to be permafrosted!

Back tracked with shovel and sample from Pit #3 to Pit #1 where turned to 210 AZ for 500' to site for Test Pit #5 - heavy rain began - returned to camp & started drying out as sun came out 6-8 pm - until more rain began. Fresh rain water - 3 litres in plastic

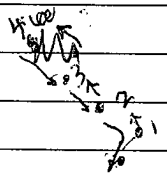
Sat. 8°C

20 July Partly sunny

Test Pit #5 Heavy Shower –
36.171 2:30 – 4 pm
28.679 Soaking on way down
4160 (3)

10cm moss
5 ash
10 organic
TD 25 slightly rounded orange
75 weathering bs cobbles

25 mixed grey-green clay and rough edged angular bolite w weathered (+ musc.) garnets – plus orange qtz-calcite schist prominent at 5cm basal level.



+BSC

21 July Sunday

(hotcakes – 2nd egg/wk.

Completely overcast with rain (bk) clouds developing.

Dried 4 pit samples plus wash and examine casts. Each sample requiring 4-5 hours even when in sunshine and westerly wind.

10°C

22 July Mon.
mostly sunny

Relocated Pit #5 by GPS.

Carried hip chain line south-westerly along 210° vector, but maintaining a 4220 altitude by adjusting to 220 from 300 feet on to 500' where made site for Pit #6.

36.159
28.851

Easy digging - ie. only ~1 cm rocks.

TD
80'

15 cm moss
0 no ash
10 organic
25 15 brown —
7/8 var. of cobble clasts

Bedrock
270° 10 S

30 Bedrock as uneven height - amphib + qtz + mica + resin

lost safety glasses in thick bush.

8:00am

Called Trans North Heli. Left voice mail request camp move morning of 29th - gave my Satradio call number for 8:15-8:30 am - no reply. Also gave 403-997-6665 for usual daily 7:00-7:15 standby. No response - hoped to get confirmation for move.

10°C

23 July Tues 18° in pm

While getting water at lake noticed half exposed small boulder with rusty band. Cleaned off black muck exposed banded

conformable
3 cm gray qtzite
3 cm off-white calcite - with s. sylvalite
2 cm massive sulfides

So which direction was the esker built?

Carried on at lake edge
No more sulfides, but several partial pseudomorphs silicified ultramafics - as nearest known UM are SE of ARGUS; perhaps the (above) sulfide sample came from
S to N dispersion eskerwise

8°C
all day

24 July Wed.

Showers all am.

Reconnoitered several prominent eskers - just to get 'feel' for source areas of variety of clasts - most in the small-cobble size, but perhaps 5% in the +25 cm size.

Impressive volume of limestone comparable to chlorite schist amphibolites. Lesser but noticeable quantities of altered ultramafics.

+5 to 8°C
Cold west wind

25 July Thurs

Completely overcast all day with 2 periods of showers.

Made it 'shave day', reading Economic Geology, and tightening 2 of the elec fence strands — solar top-off battery charger working every today.

26 July Fri

Pit #7

27 July Sat

+4°C am

28 July Sun

TN Helicopters called on Sat phone @ 7:13pm saying their equipment scheduling is off with Ross River helicopter now in Dawson City - so will not be a camp move as planned for the 29th.

Barometer hitting a new low - sprinkling beginning midnight.

+5°C

29 July Mon Steady rain beginning 1 am -

Helicopter schedule postponed by TNT because of weather delaying other clients' schedules. — @ 7 pm — still sprinkling, but barometer finally back to 'high' after a very very low setting in mid-28th

Tent (w poor plastic sub for a fly) leaks like pro — bovbal sieve. Too bad mr. bear shredded both flies last season.

+6° Mostly Cloudy until 3pm

30 July Tues

Broke camp by 9 am anticipating helicopter at usual pickup time - no show. Finally at 3 pm called TNH Whitehorse and was told machine undergoing maintenance - they called 4 pm said ready to go from Whitehorse.

Ryan (pilot) [not Brian] arrived 8:15 pm - not informed this was a camp move - could only off-load at a bog site shore of this circular pond -

61 37.520 real muckhole
131 37.069

Elec fence only partly up by snooze time. No hope of bedrock in sight.

+8

Sunny

31 July Wednesday

Completed campsite on mound of brushbrush 25 cm above lake level. 3-strand elec fence working fine - especially so with ground pipe driven (pushed) 80 cm into muck!

Climbed lone hill to south and selected pit site on crest at

61 37.567

131 37.156

numbered Pit #8

05 cm Turf

05 Ash

15 { Orange oxy zone
{ ③ augen gneiss cobbles

30 cm { Lt brown - green
{ clasts rounded amphib + qtz musc -

40 { Lumonitic w patches
{ yellow (qtz) amphib
{ (w pyrrhotite ?). 2 pcs
micro hydrotherm brx -

TD
90cm

Sample #8A 45-60
Sample #8B 60-90
Taken 01 Aug

ice on water paid

01 Aug Thur Sunny

Returned to Sample Pit #8 for re-exam and taking the 2 #8 samples as indicated in yesterdays log.

At approx 30 meters to west of #5 selected a site for Pit #9.

37.560

37.138

05 Turf

05 Ash

TD 30 { Grey-green - w large cobble clasts of augen gneiss

80 40 cm white felsic coated dark grey limestone w. calcite x stringers attitude ? = horiz.

Surprising change in lithology from Pit #8

+3° am
Hi overcast –
sprinkle 9 pm.

02 Aug.
Friday

Reconnoiter east along E-W ridge immediately south of camp lake. Chose site for Pit #10 at:

37.416
37.135

Noted several boulders of augengneiss partly exposed in turf - did not bode well, as subsequent digging proved up. rounded clasts of pebble size augengneiss / qtz monz / musc qtz schist compacted in clay matrix along with many cobbles.

5 Cm turf
10 Cm Ash
20 Cm Orange humus layers - several augengneiss boulders
45 Cm Grey clay - rounded large boulders + cobbles
Bedrock orthogneiss all 125° north wall.

Grey, overcast

03 Aug Sat.

Returned to Pit #10 to reexamine pile of clasts. Three cobbles are med grained quartz monzonite. Several are orthogneiss with prominent muscovite partings. Only one augengneiss.

+2°

04 Aug Sunday

Chose site for Pit #11 on slope west end of round knob 200m north of camp. at:

37.568
37.255

15 Turf
5 Ash
5 Organics
5 Brown/orange (forest fire?)
5 #2 organics
25 Grey/green clay
10 Rusty limestone horizon
25 Heavy grey clay

TD 95

2 cobbles medgr. feldspar+qtz porphyry orthogneiss - only one per auger.
Several calcareous amphib slabs.

05 Aug Mon

23 Aug - drove Mary Lake → Ross River Lapie Camp.
24 Aug. Sat
+3°C Sunny

TN Helicopter - 9.30 am to Flat Top
Steady - +6°C - wind
Set up elec fence around camp.
61° 24' 268 N
135 17.589 W

25 Aug Sunday +5 pt sun
Wind steady

Scrambled down the Hoole sidehill for 30m (roughly 150m S of camp).
Pyrite fluoferm in calcareous schist - lok photo. Some tourmaline breccia float. Schistosity N/S 45E 0.5-0.7 wide

@ 61 24.169 / 17.515 131°

42°C

26 Aug Dense fog after heavy camp downpour.

Checked soil profile near camp.

15cm Turf

30 cm Choc clayey B with pieces of arsenopyrite in white quartz

15cm More As/qtz chips in biotite schist – exceeding friable (just ~~as~~ above bedrock?)

Wonder if gold accompanies the Arsenopyrite.

27 Aug — Rain w fog patches
Again - very hi wind
+3°C

Only ½ day out from tent —
use of hand lens hopeless. Looked for
bedrock base of hill - above which
is line of staking of original MAUI
claim group of . Turned up sheared
qtz-musc schist with a soft (4±)
fine grained massive off white
mineral - clay? Several cobble-
sized pcs silicified schist with
± sch(?) (bk) tourmaline healing
shattered ≤ schist — and Arsenopyrite?

Carried on N and S along base of
schist slope for 100 m each way.
More small pcs tourmaline + Asp.

61° 24.290'
131° 17.378'

-02 2°C very
28 Aug cloudy, windy
Wed. Got into tent to keep it from "floating" in the gale.

Brief reconnoiter of upper schist slope - clearly the abrupt erosional relief of the ridge reflects the silicification of 'up-section' chlorite and mussc. schist. This ties in with occurrences of tourmaline + Asp healing breccia of silicified schist. The presence of tourmaline reflects pneumatolitic gases streaming up from the Qm porphyry only 2 km to the north.

29 August. 1° Fog am -
2 caribou

Carried on over top of the SW-facing hillside to the area from the Claim Posts (along the staking line) NW some 300 m. Silicification well displayed in the broken outcrops with much tourmaline breccia (probably accompanying Asp). This zone appears to be close to the line of Brett rock sampling (1998) which revealed anomalously high beryllium and very hi arsenopyrite.

8 samples collected for assaying.

30 Aug. 02 3° fog

Spent several (5) hours turning up boulders, slabs, cobbles of near-bedrock - white qtz with arsenopyrite in and around the 'kill' circular area 25m dia - and upon grubbing found it's extensions for at least another 10 metres. Only a couple of pieces of tourmaline healed breccia - and these ~~did not~~ were viewed as being float from higher along the main ridge. The 'kill' area lies close to the boundary of the un-silicified schist of the lower plateau with the silicified erosion resistant hillside schist.

61°24.202' & 131°17.419'

The attitudes of many boulders near centre of 'kill' zone - gives the impression that this feature extends E at 15-20° 'beneath' the silicified meta sediments (which generally are more chloritic).

31 August (Sat) cloudy am 0° ice in pool

Returned to circular kill area and carried on another 100m to an active spring feeding a small depression — could this be evidence of a fault zone or bedding unconformity? Thus this a reminder that when all other sites for water have dried up (and snow banks melted) ~~this is~~ this spring would still make it handy if camp were set on the "kill" area. However, might this spring have too much arsenic? Better stay on snow for source (as long as possible).

Collected several tourmaline/arsenopyrite float samples vicinity of spring outflow

Cloudy

01 September +1°C

Climbed hillside to claim posts MAUI 1-4 and collected a dozen cobble sized tourmaline-qtz-Asp (breccia healed) samples from nearby outcrops of silicified qtz-muscovite schist - inclined 15° E.

02 Sep '02 -2°C pthly sunny
ice in pail

Traversed SE along flank of the main ridge - at the altitude of the 10m below claim posts - but was disappointed in absence of tourmaline breccia.

Numerous boulders (some mega- in that > 1m size) form visual cluster about 75m long of white qtz with very little (if any) tourmaline and/or arsenopyrite. No brecciation noted in boulders.

Fog - thick until 10am

03 September '02

Camp-bound, so re-examined string of ~~to~~ 'humps' of erosion resistant garnet-bearing amphibolite outcrops. Several outcrops displayed white qtz stringers cutting amphibolite. Amphibolite appears to be ~~und~~ a member (sill?) of the musc/bio/qtz schist package i.e. inclined 15°± NE.

The possibilities of chrome-source in amphibolite down dip into the tourmaline breccia zone would favour 'greening' of any beryl-rich zone by pneumatolitic ~~[illegible]~~ impregnating.

The emerald potential is on the MAUI claims - perhaps in schist vicinity of tourmalinization breccias In 2003 perhaps.

04 Sept — Cloudy - rain

WCR — fog disappeared around noon — +1°C

TN Helicopter arrived noon for camp move to Area "F"
Camp set-up with elec. fence
@ 61° 35.980
131° 41.663
in 'new' burn area - probably fired in 1998 re age of spruce seedlings.

Altitude is 3700' some 150 m west of ≠ 75 m dia pond.

MAUI contd.

03 Sept. 02.

within fenced area:
Dug first (#POR-1) test pit to sample glacial till.
Total depth 60cm - burned turf only 10cm remaining. Uniform gray feldspar and qtz-eye rhyolite (?) porphyry clasts as well as fines - sampled in the 50-60cm interval down hole.

06 Sep. ~~Wed~~ Fri.

Chose site for POR. #2
at approx 150 m to SE
location:

60° 35.888'
131° 41,607'

Surprising thickness of Bk organics

30 cm

8 cm Ash

TD – 8 cm Organics

90 cm 45 cm loamy, mocha, rounded clasts – mostly feldspar porphyry.

07 Sep. Sat. 1°C icepail

Site of POR #3 - approx 440' W of #2

@ 60° 35.950'
131° 41.816'

5cm Organic
5cm Ash
20cm Lt. brn gravelly Por.

TD-

90cm

30cm grey-green
5cm orange weathering musc.-qtz schist
30cm greenish silty-not many porphyry clasts, more sky-blue argillite

one sample

one sample

clear
2°C

08 Sept Sunday

Site POL#4
@ approx 500' W of POR#3

@ 61° 35.951'
131° 41.983'

2 cm burned turf
TD 90 cm — 5 cm Ash
60 cm grey-green clayey
orange weathered clasts (B.!)

@ 5 cm depth
one 5 cm clast of oxidized sulfide —
20 cm - qtz musc schist

also @ 50 cm 2 giant boulders of feldspar - qtz porphyry.

Sep 9 Monday Cloudy windy +2°C

POR#5 @ (SW of #2)

61° 35.799 N

131° 41.606 W

5 cm turf

TD= 8 cm ash

90 cm 10 cm orange A horizon

65 cm greenish loam with orange oxide coatings under grey, fine grained, qtzite - some muscovite qtz schist; large cobble of nephrite serpentinite.

Partly Sunny

10 Sept. Tues. . . +3°C

Site for POR #6

@ 61° 36.053'
131° 42.021'

Hump of Terrain (25' lift in topography) at north end of main ridge —
Dug TD 75 cm pit — all in basalt with characteristic rind weathering of rounded masses (bombs?) until @ 70 cm depth encountered 'fresh' basalt. This is sampling of the young basalt capping — perhaps correlated with basalt on high hill west of and above the Hoole River area.

Sept. 11 Wed.

clear - SW wind
-1° ice pail

Site of POR #7

61° 36.026'
131° 42.013'

2m lower than #6

5cm burn turf.
5cm Ash
10 cm Orange rounded clasts in A horizon
25+ Green loam with rounded clasts

TD
85cm

40 - bedrock basalt
stopped digging.

Sunny
3°C

12 Sept Thursday

Site of PORS is SE approx 400m SE of camp – at edge of burn.

61° 35.934'
131° 41.076'

TD-50cm
5 turf
5 Ash
40 dark greenish grey

Bedrock feldspar porphyry in bottom of pit.

Late arrival of helicopter – approx 5:30pm owing to change of scheduling – i.e. Russians at Ross River.

Return to Ross River & drove to Drury Creek campground for snooze @ midnight.

Waiting for ACME assay returns. Requested they report me early request for Be each rock sample.

28 Sep Sat. - Drove Whitse- to Ross River

29 Sept Sunday

am flight with TN Helicopters to collect samples @ stop on MAOI 1/2 hr. then to Campsite on E-Area - west of Boulder site - at E edge of dried up big pond.

@ 61° 40. 913'
131° 38. 516

~~September~~
30 ~~October~~ −2°C ice pellets
Monday snow flurries

Dug BOG-#1 sample pit
100m South of camp.
61° 40.865'
131° 38.533'

10 cm turf + ash
50 cm brown loamy

TD - 90cm
slushy permafrost melt.

30cm red-brown, sandy clay; orange-weathered oxidized mica schist clasts

01 October

Box #2

@ 475 SE of Box #1

= 61° 40.836'
131° 38.378'

TD
75 cm

10 cm turf on mudboil which is 40 cm below (40) true turf

25 cm — light brown silty, clasts mostly qtzites
75

over →

over

-3°C

Oct 02 more flurries

BOG #3 is 400' SW of BOG #1

@ 61° ~~57~~ 40.927'
131° 38.544'

TD. 80 cm

8cm turf/moss

7cm ash

20cm - loamy - few clasts

45 cm - silt/clay - very few clasts

Oct 03

2nd pit today

BOG-4

450' NE of Camp

@ 61° 40.970'
131° 38.384

5cm turf - mudboil
30cm clay - lt brown

TD-85

50 Sandy - dark brown

Much slaty muscovite - limonitic schist. Minor limestone. All major clasts rough. Pebbles sand/qtzite, chert rounded

3 Oct

-4°
Snowing lightly
wind

BOG #5

61° 41.092'
131 38.243

TD 95

30 cm Tuff/ASH

20 cm Lt brown clay

45 cm Sandy loam - mostly
pebble size clasts -
increasing to dark brown
toward bottom. Some
plates of schist

04 Oct. -4°C snowing

Low ceiling - like 50' - heard helicopter coming in right as to GPS pinpointing me - No problems

Back in Ross River by 11 am - then drove back to Whitehorse.