

JAMES S. DODGE, P.ENG.
P.O.BOX 31013
WHITEHORSE, YUKON TERRITORY
Y1A-4L2

2002 ASSESSMENT REPORT
FLO-4 MINERAL CLAIMS

In the

WATSON LAKE MINING DISTRICT
YUKON TERRITORY

NTS 105G-12
Latitude 61 37.4'N Longitude 131 32.9'W

094344

James S. Dodge
Professional Engineer, Yukon

25 October, 2002

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 2000.

M. B. ...
for Regional Manager, Exploration and
Geological Services for Commissioner,
of Yukon Territory.

Costs associated with this
report have been approved
in the amount of \$2000.00
for assessment credit under
Act. of Work No. 9625613

W. D. ...
WATSON LAKE MINING DIST.

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2002 ASSESSMENT REPORT
FLO CLAIMS (105G-12) YUKON TERRITORY

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 conducted 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 Devonian-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 fluor spar 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 fluor spar 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.

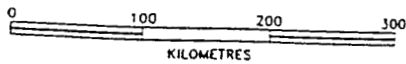
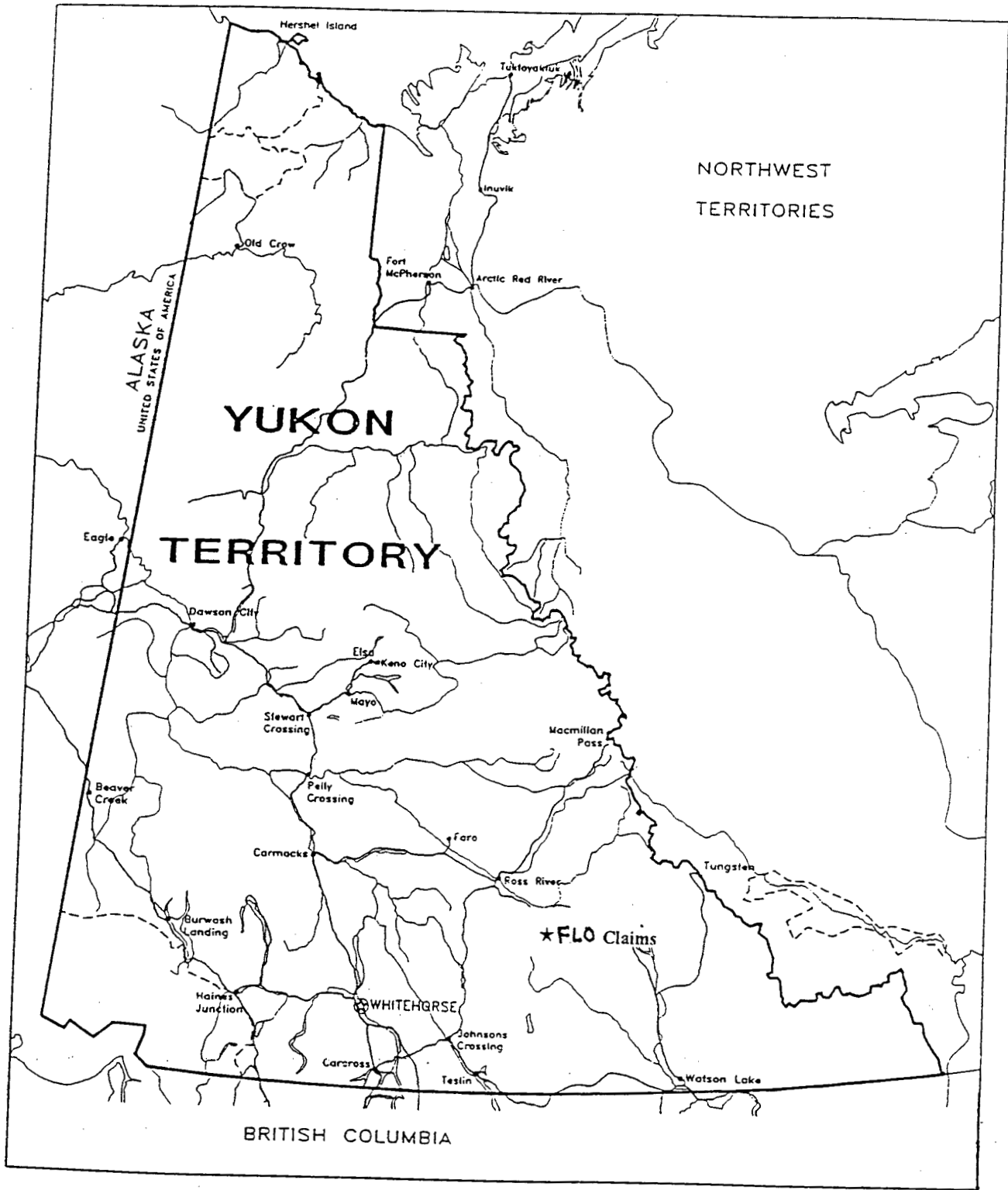
LOCATION AND ACCESS

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).



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

LOCATION MAP	
FLO Claims	
SCALE: 1 : 8 000 000	DATE:
N.T.S.: 105	DRAWN:  FIGURE 1



- Planer Features
- Active Mineral Claims
- Expired Mineral Claims
- Direction of Striking
- GPS Located Control Point
- Recreational Parks
- First Nation Lands
- Agricultural Parks
- Water Land Parks
- Probed Land Parks
- Area Withdrawn from Striking
- Pitky Control Orders

Contour Interval = 100 feet
 UTM Zone 9 - NAD 83

105 G/12

LATITUDE 61°30' TO 61°45'
 LONGITUDE 131°30' TO 132°00'



SEPTEMBER 01, 2002

NOTICE: THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR MINING CLAIMS AND MINING ACTIVITIES IN CANADA. THE USER ACCEPTS ALL RESPONSIBILITY FOR ANY ERRORS, OMISSIONS OR CONSEQUENCES THAT MAY RESULT.

Category A Land - Control that holder for mining
Category B Land - Control that holder for mining

Mineral Claims located on this map are subject to the provisions of the Mineral Act, R.S.C. (1985), Chapter M-10. For more information, please contact the Mining Regulatory Office at the appropriate Mining Office.

Ministry of Natural Resources
 Mining Regulatory Office
 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 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2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 21

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 fluor spar and fine grained tourmaline occupy largemiarolitic cavities. Minor base metal mineralization occurs 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.

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 pneumatolytic 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 sulfide-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.

EXPENDITURES FLO 1-4 CLAIMS 2002

Transportation

Helicopter: Trans North Helicopters 10 June Invoice #29476 Ross River to FLO Claims	\$896.16
02 July Invoice #29494 FLO Claims to Ross River	896.16

Assays

ACME Lab, Vancouver, 15 July #202072	292.11
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Camp provisions

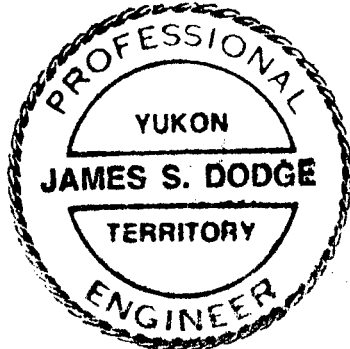
James Dodge 8 days @ \$25/day	200.00
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Personnel:

James Dodge (Prospector) 6 days @ \$150	900.00
James Dodge (P.Engr.) 2 days @ \$400	800.00
James Dodge (Report) 1 day @ #400	<u>400.00</u>

TOTAL 2002 Assessment Expenditures. \$4,384.43

James S. Dodge
 James S. Dodge, P.Eng. Yukon
 25 October, 2002





REMIT PAYMENT TO:
TRANS NORTH HELICOPTERS
 TRANS NORTH TURBO AIR LTD.
 20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E8
 TELEPHONE (867) 668-2177 FAX (867) 668-3420

CHARTERER

Jim Dodge

BILLING ADDRESS

FUEL & OIL-X TMTA FUEL USED HRS./LITRES FROM
 TMTA CUST. 91.2 Jct B YDM

ACCOUNT NUMBER	
INVOICE NUMBER	29476
INVOICE DATE	
A/C TYPE	13406
AIRCRAFT REGISTRATION C	GFKD
FLIGHT DATE	10 06 02
PURCHASE ORDER NO.	

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
TO			
YDM →	8:23		1 PAX 5 gear
Hoole Rcr →			
YDM	9:09	.8	
			pd Cheque #053

SUB	G.L.	AMOUNT
		.8 @ 950 760 00
		@
		HOLDING TIME: @ / HR.
0000323		FUEL 91.2 @ .85/LITRE 77 52
		FUEL @ / LITRE

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 *James A. Dodge*

SUB TOTAL 837 52
 GOODS & SERVICES TAX REGISTRATION NO. R121483135 58 63

TOTAL \$ 896 15

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

FLIGHT REPORT - CUSTOMER'S COPY



REMIT PAYMENT TO:
TRANS NORTH HELICOPTERS
 TRANS NORTH TURBO AIR LTD.
 20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E8
 TELEPHONE (867) 668-2177 FAX (867) 668-3420

CHARTERER

Jim Dodge

BILLING ADDRESS

FUEL & OIL-X TMTA FUEL USED HRS./LITRES FROM
 TMTA CUST. Jct B 91.2 YDM

ACCOUNT NUMBER	
INVOICE NUMBER	29494
INVOICE DATE	
A/C TYPE	13406
AIRCRAFT REGISTRATION C	GFKD
FLIGHT DATE	02 07 02
PURCHASE ORDER NO.	

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
TO			
YDM →	9:15		1 PAX 5 gear
Hoole CR →	10:02	.8	
YDM			
			pd Cheque #053

SUB	G.L.	AMOUNT
		.8 @ 950 760 00
		@
		HOLDING TIME: @ / HR.
0000323		FUEL 91.2 @ .85/LITRE 77 52
		FUEL @ / LITRE

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

SUB TOTAL 837 52
 GOODS & SERVICES TAX REGISTRATION NO. R121483135 58 63

TOTAL \$ 896 15

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF. 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.#: **A202072**
Date: Jul 15 2002

QTY	ASSAY	PRICE	AMOUNT
14	GROUP 1DA (10 gm) @	11.50	161.00
14	ADDITIONAL BE & SN @	3.00	42.00
14	R150 - ROCK @	5.00	70.00
GST Taxable			273.00
7.00% GST			19.11
CAD \$			292.11

Samples submitted by Jim Dodge

COPIES 1

4504 4521 6360 0014

DO NOT WRITE ABOVE THIS LINE - NE RIEN ÉCRIRE AU-DESSUS DE CETTE LIGNE

09/05

JAME S. DODGE

5 042

ACME ANALYTICAL LA

VANCOUVER BC

DESCRIPTION	AMOUNT-MONTANT
A202072	292.11

Signature on file

CARDHOLDER'S SIGNATURE - SIGNATURE DU TITULAIRE

CARDHOLDER WILL PAY TOTAL AMOUNT SHOWN TO CARD ISSUER ACCORDING TO CARDHOLDER AGREEMENT WITH CARD ISSUER.
LE TITULAIRE S'ENGAGE À REMBOURSER L'ÉMETTEUR DE LA CARTE DU MONTANT TOTAL FIGURANT SUR CETTE FACTURE, CONFORMÉMENT À LA CONVENTION RÉGISSANT L'UTILISATION DE LA CARTE.

Official Mark of the Canadian Olympic Association
Marque officielle de L'Association olympique canadienne

VISA

TOTAL \$ 292.11

CDN CAN

SALES DRAFT - CHARGEX FACTURE

EXPIRY DATE CHECKED DATE EXPIRATION VÉRIFIÉE

CLERK-COMMISS

DEPT.-RAYON

AUTHORIZATION NUMBER / NO D'AUTORISATION: 004258

07/17/02

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REFERENCES

- Bond, J.D., Surficial Geology and Till Geochemistry of Weasel Lake Map Area (105G-13), East-Central Yukon in Yukon Exploration and Geology 2000, Yukon, Indian and Northern Affairs Canada, p. 73-96.
- 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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- Templeman-Kluit, D.J. 1979a: Transported cataclasite, ophiolite, and granodiorite in Yukon: evidence for arc-continent collision; Geological Survey of Canada, Paper 79-14, 27p.
- Yukon Exploration and Geology 1999; Indian and Northern Affairs Canada: Emerald Exploration, p.26.

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.

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GEOCHEMICAL ANALYSIS CERTIFICATE

Dodge, Jim File # A202072

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



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Be	Sn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	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	22	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	1.40
STANDARD DS3	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

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

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GEOCHEMICAL ANALYSIS CERTIFICATE



Dodge, Jim File # A102271

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

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*	Hg
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	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	<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

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

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GEOCHEMICAL ANALYSIS CERTIFICATE



Dodge, Jim File # A103489

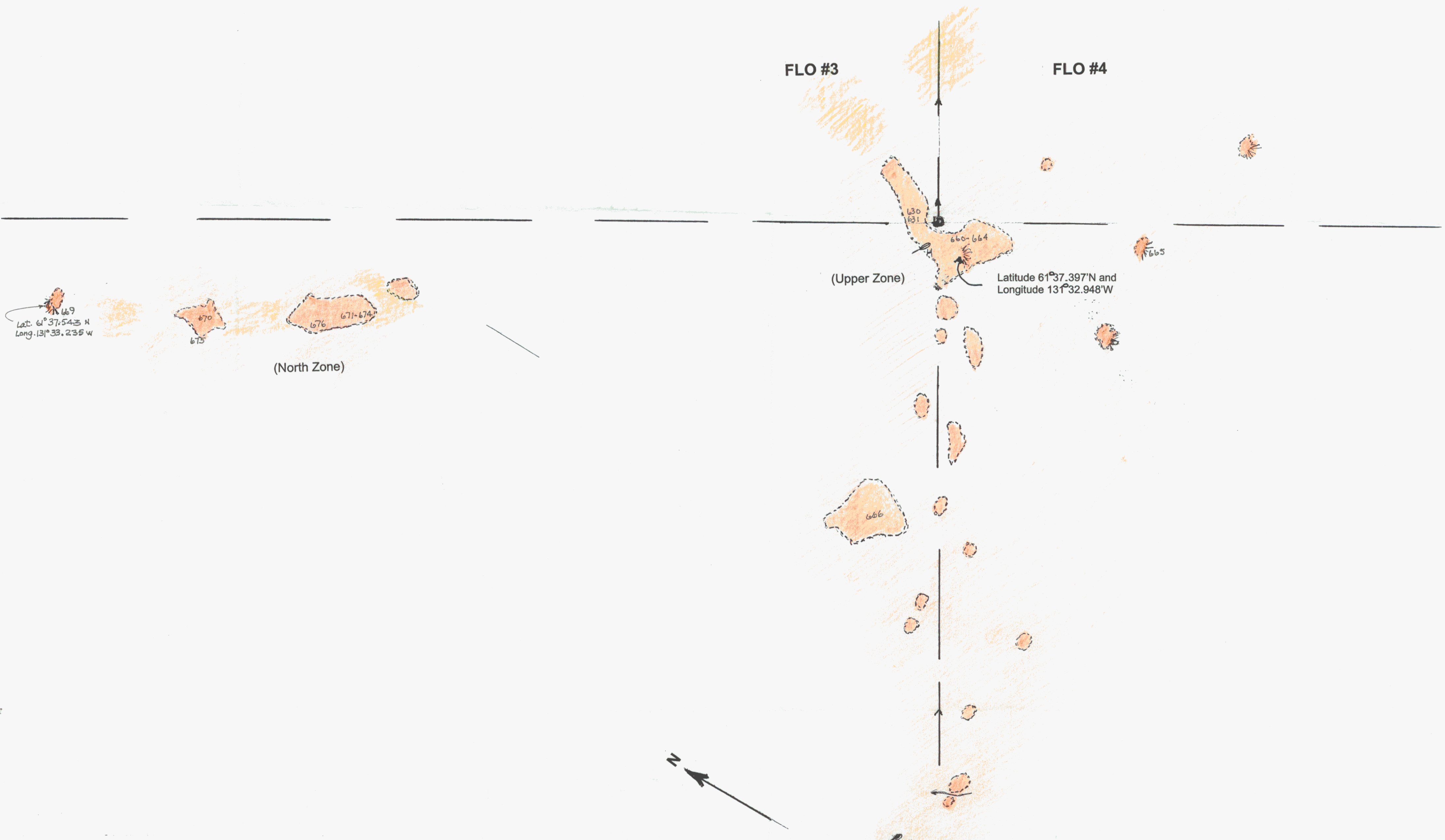
Box 31013 NPO, Whitehorse YT Y1A 5P7 Submitted by: Jim Dodge

SAMPLE #	As	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	Al	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Se	Te	S	Hg	Sn	Te	Ga	Ce	Pr	Sample
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SI	.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	.3	.1	<.02	<.01	<.5	1	<.02	<.1	.2	<.1	30
C 118655	28.59	3262.95	6876.89	3477.7	83281	1.6	2.3	150	1.60	10.1	1.6	2.8	1.6	42.0	34.45	41	148.62	5	8.99	.004	4.9	8.3	.05	221.2	.002	840	1.24	104	.62	1.1	3.1	.37	.65	47	25	11.60	8.4	8.8	.4	30
C 118656	26.99	130.36	180.84	59.0	2230	1.4	.9	141	87	3.8	1.9	8	11.6	6.5	.42	.98	5.15	2	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	8.7	.05	.41	1.14	2	1.65	.026	6.5	15.0	.04	27.3	.001	10	1.47	.007	.76	1.6	.4	.35	<.01	<.5	.2	.03	5.8	11.1	.5	30
C 118658	3.18	4.74	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	7.50	9.42	4.2	70	2.5	.7	36	49	6.5	.4	1.5	3.0	13.6	.02	.91	.45	<.2	2.07	.004	4.3	17.9	.04	42.9	.002	36	1.11	.010	.60	1.9	.8	.34	.02	<.5	<.1	.03	5.6	6.4	.5	30
C 118660	10.09	3.08	8.85	6.0	18	1.5	2.3	76	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	1.0	1.05	<.01	5	<.1	.02	12.0	18.4	.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	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	1.81	4.68	8.61	3.7	9	2.1	.7	29	35	12.8	.8	1.2	2.8	38.5	.01	.45	.23	2	8.18	.010	5.1	48.8	.03	13.3	.002	745	1.20	.081	.59	1.4	2.9	.32	<.01	5	5	<.02	5.3	18.8	.4	30
C 118662	12.09	3.53	9.25	5.1	33	.9	1.7	40	39	13.9	1.2	1.8	7.5	33.9	.02	.64	.36	4	8.48	.075	7.3	57.1	.06	63.7	.004	251	2.18	.044	1.19	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	.7	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	.33	3	10.03	.027	5.9	39.5	.05	147.7	.002	309	2.16	.040	1.61	.7	3.0	.64	<.01	7	3	.02	9.0	12.9	1.2	30
STANDARD DSJ	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	5.38	5.46	76	.54	.093	18.0	186.8	.59	161.2	.087	1	1.63	.029	.17	4.1	2.7	1.05	.02	244	1.3	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


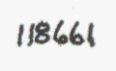




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GEOLOGY

FLO 1-4 MINERAL CLAIMS
YUKON TERRITORY
NTS 105G-12
WATSON LAKE MINING DISTRICT

Legend

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

Scale

1:1000
1cm = 10m

James S. Dodge
Professional Engineer, Yukon

25 October 2002

