

AR 95-071

WORK REPORT ON THE
FRENCH RIVER CLAIM GROUP

EL # ~~02186~~ 01452

October 5, 1994
Truro, Nova Scotia.

D. L. Black

NATURAL
RESOURCES

7 SEP 13 02

DUPLICATE AVAILABLE

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SUMMARY: A reconnaissance level prospecting, rock sampling and silt sampling programme was conducted over the French River area during the late summer of 1994 to explore for possible gold mineralization associated with Devonian-Carboniferous felsic and basic flows of the Fountain Lake Group.

Stream sediment and heavy mineral surveys conducted by N.S.D.M.E. in 1986-1987 had revealed the presence of significant gold anomalies both in the silt fraction and in heavy mineral concentrates. Follow-up work by exploration companies in 1989 had confirmed the original findings, but no follow-up work was done in the project area.

The current program has again confirmed the presence of gold in the streams in the French River area and has discovered numerous float and outcrop areas of highly altered cherty sediments and rhyolite carrying varying amounts of disseminated and fracture controlled pyrite. To date assays of these rocks has not given significant gold results.

LOCATION; ACCESS: The project area is located 4 miles south of the village of West New Annan, Colchester Co., N.S.

The property is accessed by a number of good secondary roads extending south from highway 246 and thence from a good network of old logging and bush trails.

The rivers are usually broad valled and open and provide good exposure throughout the area. The terrain is generally quite steep with the elevation varying from 500 ft. to 1000 ft. above sea level. The forests are about 90% hardwood, 10% softwood throughout the French River area.

PROPERTY HOLDINGS: The property was acquired Aug. 17, 1994 and consists of 78 claims held under exploration license ~~01452~~. The claims are as follows:

Ref. Map	Claims	Tract
11E11B	All	75
"	All	76
"	A-H	94
"	A-H	93
"	E-Q	77
"	A-D, G,H	92
"	J-Q	78
"	A-D	91

GEOLOGY; PROSPECTING: The French River claims are underlain by two Devonian-Carboniferous formations of the Fountain Lake Group.

The Byers Brook Fm. forms a north west trending belt of rhyolite, tuff and volcanic sediments exposed in the southern portion of the property. The northern portion of the property is underlain by basaltic flows, intrusions and minor siltstones, wackes and conglomerates of the Diamond Brook Fm. These units appear to be conformable.

Prospecting and rock sampling were carried out over all brooks, roads and trails in the area. The rivers and brooks in the area afforded good exposures and an abundance of large boulders of locally derived float. Although analysis has not shown any significant gold values as yet, boulders and outcrop associated with the Byers Brook - Diamond Brook contact zone are interesting in that they show an alteration package, 150-200 in. thick, of moderately to strongly sericitized rhyolite and chert containing 5-15% pyrite within the upper portion of the Byers Brook Fm

GEOCHEMISTRY: Compilation of government and industry stream geochem results, suggested that streams draining the Byers Brook formation contained copper, lead, zinc, silver and more significantly, gold anomalies. In the late summer of 1994, in conjunction with the prospecting carried out, all the major streams in the project area were tested for gold content of the -100 mesh fraction stream silts.

A total of 30 stream sediment and 33 rock samples were collected on the property. Initially the stream sediment samples were collected from box deposits and natural traps occurring within the brooks. About 3-4kg. of material was taken and sent to M-Tech Inc. in Elmsdale N.S. to be sieved at -20 mesh and this material was processed by the KMS (elutriation) method to get a heavy mineral concentrate. This material was then visually inspected using a microscope for gold content. It was found that this method was inappropriate due to the small amount of fine material in the samples relative to the amount of -20 + 100 material. It was then decided not to visually inspect the samples and to use conventional analysis on the -100 fraction.

Rock samples were analyzed by conventional AA methods for their gold content. No results greater than 20 p.p.b. Au. were received from the rock analysis.

The stream sediment showed values ranging from less than 20 p.p.b. (background values) to 490 p.p.b. The anomalous values occur within the previously described contact zone between the Byers Brook and Diamond Brook Formations.

RECOMMENDATIONS; CONCLUSIONS: The best results to date coincide with an alteration zone in rhyolite and cherty sediments occurring at the contact between the felsic rocks of the Byers Brook Formation and the basic dominated Diamond Brook Fm.

Appendix II

SAMPLE DESCRIPTIONS

- ERR-3 - West New Annan Road - float - strongly sericitized rhyolite - 5% disseminated py
- ERR-4 - Byers Road - near oc - gossorous brecciated diabase - carbonate cement - minor py
- ERR-5 - Bonnyman Road - float (near oc) - sericitic grey, banded rhyolite - 5% diss. py
- ERR-6 - Bonnyman Road - float - strongly hematitic brecciated rhyolite - some hem altered to limonite - minor py
- ERR-7 - Whirley Brook - oc - sericitic grey rhyolite - 5% diss. py
- ERR-8 - Loc. as above - brecciated grey rhyolite with numerous qtz stringers - 10-15% py - in places py near massive - oc
- ERR-9 - Loc. as above - oc - sericitized gwke - 5% py
- ERR-14 - French River - oc - a Heration zone between basic flow and rhyolite flow 3 ft. wide - cherty - fragments of jasper and pyrite in chert matrix - 2-3% py throughout
- ERR-15 - French River - oc - altered basic - transitional to overlying red rhyolite - hematitic
- ERR-16A - Highly altered basalt - vesicular - cavities infilled with py - 10% py overall - oc French River
- ERR-16 - Sugar Camp Brook - oc - uppermost rhyolite unite - sericitic - 5% py - 4 ft thick
- ERR-17 - Sugar Camp Brook - oc - lowermost basic unit - ash flow - fragments cherty hematite (jasper) very minor py
- ERR-18 - Sugar Camp Brook - oc - unit overlying #17 - weakly pyritic andesite
- ERR-19 - Sugar Camp Brook - oc - orbicular rhyolite - 50 ft + thick - sericitic matrix - upper part of sequence
- ERR-20 - French River - sericitic rhyolite float - 5-10% py - mainly as fracture filling - 1250 ft upstream from ERRH-7
- ERR-21 - West flowing trib. of French River - 40 ft thick oc highly sericitic, weakly pyritic grey rhyolite
- ERR-22 - same location as above - oc - weakly sericitic pink rhyolite - weak py
- ERR-23 - French River - float - cherty rhyolite breccia - 5% py as dissemination and fracture fillings weak sericite
- ERR-24 - French River - float - hematite stained pink microgranite - minor fracture controlled py

- ERR-25 - Sugar Camp Brook - oc - mid portion of orbicular rhyolite sequence - sericitic, pyrite 2-3%
- ERR-26 - Sugar Camp Brook - strongly sericitic rhy - nearly schist - shot through with lenses weathered pyrite - overall - 2% py
- ERR-27 - lower part of Sugar Camp Brook orbicular rhyolite unit - 5% pyrite - oc
- SC-1 - Munroe Brook - outcrop - immediately downstream from Munroe Pond - sericitic rhyolite - 7-8% py
- SC-1-DC - Float - cherty rhyolite - very minor py - Munroe Brook
- ERR-50 - Bonnyman Road - oc - greywacke/siltstone - weakly hematitic fractures - rare py - moderately silicified
- ERR-52 - French River, west hill side - oc - rhyolite tuff - has appearance of fine grained congl. - matrix grey green - graded bedding evident
- ERR-53 - Sugar Camp Brook - near oc - light grey to white banded chert - 1-2% diss. py
- ERR-54 - French River - float - bright red silicified hematite (jasper) - highly fractured, infilled with qtz-py veinlets - 10% py overall
- ERR-55 - French River - west side hill - near oc - cherty sericitic rhyolite - 2% diss. py
- ERR-56 - French River - west side hill - oc dark grey ash flow - 2% diss. py
- ERR-34 - Munroe Brook - sericitic, brecciated rhyolite - fine disseminated py - 5% - Float-20lb
- ERR-35 - Porter Brook - float - weakly sericitized feldspathic rhyolite - 2-3% py - typical in area
- ERR-36 - Porter Brook - sericitic, strongly pyritic cherty rhyolite? or sediment? - near oc - large angular float
- ERR-37 - Porter Brook - sim to ERR-36 - oc - rock appears brecciated with minor py along fractures

DATE: Aug. 10, 1994

M-TECH INCORPORATED
P.O.BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.:94077

ECUM SECUM
Mr. Avard Hudgins

Sample Number	Au ppm
ERR-1	<0.01
ERR-2	<0.01
ERR-3	<0.01
ERR-4	<0.01
ERR-5	<0.01
ERR-6	<0.01
ERR-7	<0.01
ERR-8	<0.01
ERR-9	<0.01
FBR-2	<0.01
FBR-3	<0.01


C.D. RAYMOND
LAB MANAGER

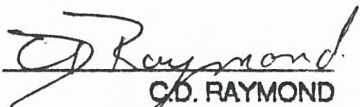
DATE: Aug. 25, 1994

M-TECH INCORPORATED
P.O.BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.:94078

ECUM SECUM
Mr. Avard Hudgins

Sample Number	Wt.(g)		CONC.
PAN CONC.	-20	TOTAL:	Wt.(g)
ERRH-1	490	4008	17.88
ERRH-2	517	3810	
ERRH-3	226	3847	17.76
ERRH-4	552	3486	23.99
FB-2	753	3821	20.76
FB-3	928	3567	20.23
FB-4	443	3063	19.47
FB-5	750	3293	22.19
FB-6	1084	2753	20.03
FB-7	763	3811	


C.D. RAYMOND
LAB MANAGER

DATE:Aug. 25, 1994
COMPANY:Ecum Secum
ADDRESS:

M-TECH INCORPORATED
P.O. BOX 182 ELMSDALE, N.S., B0N 1M0

REPORT:94082
DEPT. ASSAY

INVOICE # 1153

QUANTITY	WORK COMPLETED	COST	AMOUNT
7	PREP. (SCREENING)	5.00	\$35.00
7	H.M.C.	15.00	\$105.00
	SUBTOTAL:		\$140.00
	G.S.T 124001165	0.07	\$9.80
	TOTAL:		\$149.80

DATE: Aug. 19, 1994

M-TECH INCORPORATED
P.O.BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.:94081

ECUM SECUM
Mr. Avarad Hudgins

Sample Number	Au ppm
ERR-14	<0.01
ERR-15	<0.01
ERR-16	<0.01
ERR-16A	<0.01
ERR-17	<0.01
ERR-18	<0.01
ERR-19	<0.01
ERR-20	<0.01
ERR-21	0.01
ERR-22	<0.01
ERR-23	<0.01
ERR-24	<0.01
ERR-25	<0.01
ERR-26	<0.01
ERR-27	<0.01
SC-1	0.01
SC-1 near DC	<0.01


C.D. RAYMOND
LAB MANAGER


DATE: Sept. 27 , 1994

M-TECH INCORPORATED
P.O.BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.:94095

ECUM SECUM
Mr. Avard Hudgins

Sample Number	Au ppm
ERR-34	<0.01
ERR-35	<0.01
ERR-36	<0.01
ERR-37	<0.01


C.D. RAYMOND
LAB MANAGER

DATE: Sept. 27, 1994

M-TECH INCORPORATED
P.O. BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.: 94095

ECUM SECUM
Mr. Avarud Hudgins

Sample Number PAN CONC.	Wt.(g)		-100	TOTAL -20
	-100	TOTAL	Au (ppm)	Au (ppm)
ERRH-17	77	2598	<0.01	<0.01
ERRH-40	79	5894	<0.01	<0.01
ERRH-41	57	4161	0.03	<0.01
ERRH-42	73	5538	<0.01	<0.01
ERRH-43	64	5296	<0.01	<0.01
ERRH-44	204	4336	<0.01	<0.01
ERRH-45	79	4121	<0.01	<0.01
ERRH-46	50	5251	<0.01	<0.01
ERRH-47	26	4120	<0.01	<0.01
ERRH-48	190	5059	<0.01	<0.01

SAMPLES WERE
SCREENED ONLY


C.D. RAYMOND
LAB MANAGER

DATE: Sept. 27, 1994

M-TECH INCORPORATED
P.O. BOX 182, ELMSDALE N.S.CERTIFICATE OF ANALYSIS
REPORT No.: 94095ECUM SECUM
Mr. AVARD HUDGINS

Sample	Classification	Wt. (g)	Wt. Conc (g)	Au Sights	Au ppm
MUN-1	(+100)	4050			
	(-100+200)	95	0.26	1	0.110
	(-200)	93	0.17	1	0.050
	TOTAL:	4238	0.43	2	0.004
MUN-2	(+100)	4706			
	(-100+200)	156	0.15	ND	<0.01
	(-200)	92	0.14	ND	<0.01
	TOTAL:	4954	0.29	ND	<0.01
MUN-3	(+100)	3998			
	(-100+200)	132	0.21	1	0.050
	(-200)	84	0.15	ND	<0.01
	TOTAL:	4214	0.36	1	0.002
MUN-4	(+100)	3588			
	(-100+200)	29	0.26	1	1.190
	(-200)	67	0.13	1	0.020
	TOTAL:	3684	0.39	2	0.010


 C.D. RAYMOND
 LAB MANAGER

DATE: Sept. 16 , 1994

M-TECH INCORPORATED
P.O.BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.:94102

ECUM SECUM
Mr. Avarud Hudgins

Sample Number	Au ppm
ERR-38	0.02
ERR-41	<0.01
ERR-49	<0.01
ERR-50	<0.01
ERR-51	NOT RECEIVED
ERR-52	<0.01
ERR-53	0.01
ERR-54	<0.01
ERR-55	<0.01
ERR-56	<0.01

DATE: Oct. 20, 1994

M-TECH INCORPORATED
P.O. BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.: 94132

ECUM SECUM
Mr. Avarud Hudgins

Sample Number	-100
STREAM SEDS	Au (ppm)
ERRH-1	0.03
ERRH-2	0.01
ERRH-3	<0.01
ERRH-4	<0.01
ERRH-5	<0.01
ERRH-6	<0.01
ERRH-7	<0.01
ERRH-8	<0.01
ERRH-9	<0.01
ERRH-10	<0.01
ERRH-11	<0.01
ERRH-12	0.47
ERRH-13	<0.01
ERRH-14	<0.01
ERRH-15	0.01
ERRH-16	<0.01
ERRH-17	<0.01
ERRH-18	<0.01
ERRH-19	<0.01
ERRH-20	<0.01
ERRH-21	<0.01
ERRH-22	<0.01
ERRH-23	<0.01
ERRH-24	<0.01
ERRH-25	<0.01

SAMPLES WERE
SCREENED ONLY


C.D. RAYMOND
LAB MANAGER

DATE: Sept. 21 , 1994

M-TECH INCORPORATED
P.O.BOX 182, ELMSDALE N.S.

CERTIFICATE OF ANALYSIS
REPORT No.:94101

ECUM SECUM
Mr. Avarad Hudgins

Sample Number	Au ppm	TOTAL Wt. (g)	-100 Wt. (g)
FRS-1	0.01	740	60
FRS-2	0.49	721	35
FRS-3	0.04	644	74
FRS-4	0.17	576	34
FRS-5	<0.01	395	35
FRS-6	0.03	1039	13
DLS-1	<0.01	621	21
DLS-2	<0.01	628	5
DLS-4	0.02	112	45
ERRH-17	<0.01	2521	77
ERRH-47	<0.01	4094	26
ERRH-48	<0.01	4869	190

STATEMENT OF QUALIFICATIONS

1. Educated at Dalhousie University, the author has worked for the past 18 years as exploration geologist and exploration manager for a number of companies such as Westfield Minerals, Acadia Mineral Ventures, Falconbridge Copper, Scotia Prime Minerals and recently, Metall Mining Corp.
2. This report is based on field work carried out by the author and others employed by the company between July 1 and October 1, 1994.
3. My relationship with Ecum Secum Enterprises is that of employee and no interest in the property or shares in the company will result from my work herein.

A handwritten signature in blue ink, appearing to read 'D. Black', with a stylized, cursive script.

Donald L. Black

(N.B. Complete as necessary to substantiate the total claimed)

TYPE OF WORK

AMOUNT SPENT

- 28 AUG 85 11 56
REC-5

SUBTOTAL

6028.69

OVERHEAD COSTS

12. Secretarial Services
13. Drafting Services
14. Office Expenses (rent, heat, light etc.)
15. Field Supplies
16. Compensation Paid to Landowners
17. Legal Fees
18. Other (describe)

SUBTOTAL

50

TOTAL

6088.89

I hereby certify that the above information is true and correct and that it has not before been submitted for assessment work credit.

As geologist I am duly authorized to make this certification.
(Position in Company or Licensee)

DATED AT Halifax in the Province of N.S.
this 28th day of August 19 85.

Name and Address of Licensee: 85 Higgins St. Tyro NS B2N 2L6

Award Hudjins

Signature *[Signature]*