

# GM 42628

REPORT, LAC WINCHESTER PROJECT

Documents complémentaires

*Additional Files*



Licence



*License*

Cette première page a été ajoutée  
au document et ne fait pas partie du  
rapport tel que soumis par les auteurs.

Énergie et Ressources  
naturelles

Québec 

Notes: Lac Winchester Project. Dec. 1984 (to be included final assessment rep't)

### Geology:

The three claim groups totalling 323 claims were prospected and partly mapped during Sept & Oct, 1984. Outcrop is scarce. Practically all samples collected during prospecting and mapping were assayed for gold, and while anomalous values were noted, none were of economic grade. Most of the work was concentrated on the largest claim block, the Lac Winchester Group. Of the two smaller blocks to the south, the Gamache Group (14c1) was found to be completely overburden covered, while the Opawica Group (12c1), while having some outcrop, was found to be apparently barren of the mineralized float which was reported to have occurred there.

Most attention was concentrated on the eastern part of the Lac Winchester Group, where a number of mineralized outcrops were seen and subsequently trenched and mapped. In this area a N dipping sequence of blocky tuffs of variable composition is flanked on the south side by a thin chert/oxide IF which in turn is flanked to the south by a series of gabbroic and pyroxenitic rocks exhibiting in some cases extreme degrees of carbonate alteration. A major structural discontinuity separates the IF and the blocky tuffs; this is possibly an unconformity, in which case the section is overturned and south facing - similar to the situation at Chibex, some 13 miles to the east. Structures in this area are moderately east plunging. Alteration is extensive in both the tuffaceous rocks and the gabbro/pyroxenite sequence, and is characterized by extensive carbonatization and widespread development of chloritoid. The former is particularly marked in the Gravel Pit area, while the latter is characteristic of the Esso and Road Trench areas some 4000' to the west along the same structure. These types of alteration are typical of areas hosting gold mineralization and although work to date has only realized trace values, the extent and degree of alteration is such that a halo effect is present and further examination is essential.

### Geochemistry:

Recon basal humus geochem was carried out along 100m spacings on the roads. Values of up to 55ppb Au were outlined, and although the significance of these anomalies can be debated, they are, in a regional context, highly anomalous. The method, because of its speed and cheapness should be expanded on, and followed up by extensive basal till sampling

### Geophysics:

The gradient mag is very useful in outlining major formational trends. For example, the IF sequence shows up as a well developed positive gradient anomaly, which can be traced some 4½ miles across the Lac Winchester Group. Interestingly, a number of gaps occur in this anomaly along its length. This may be due to local absence of the IF, but it might also reflect destruction of magnetite through pyritization - a phenomenon which was observed on a small scale in the eastern structures above. Again, this type of mineralization is typical of certain types of gold deposits.

An Input survey also covers the area, and a systematic effort should be made to reinterpret and relocate these anomalies on the present air photo mosaic basemap.

Golden Tiger has carried out VLF surveys on 4 grids spread out over the Lac Winchester Group, confirming the presence of many of the Input and airborne VLF anomalies.

### Conclusions:

1) Further attention should be paid to the eastern sector of the property; the extensive alteration together with the presence of basic to acid fragmental rocks suggesting volcanic centre proximity indicates a favourable environment for gold and base metal mineralization.

Ministère de l'Énergie et des Ressources

Service de la Géoinformation

Date: 7 MARS 1986

No G.M.: 42628

Notes: Lac Winchester (2 Of 2)

Conclusions, cont'd.

2) An inventory should be made of all conductors on the property, both Input, airborne and ground VLF, and some attempt should be made to link them with the various formational boundaries outlined by the airborne gradient.

3) Screening of this inventory should be made through both humus and basal till geochemistry. The results from the humus sampling indicate that considerable and apparently systematic variations exist in humus gold contents over the property.

P.H.Smith 22/12/84

# **Microfilm**

**PAGE DE DIMENSION HORS STANDARD**

**MICROFILMÉE SUR 35 MM ET**

**POSITIONNÉE À LA SUITE DES**

**PRÉSENTES PAGES STANDARDS**

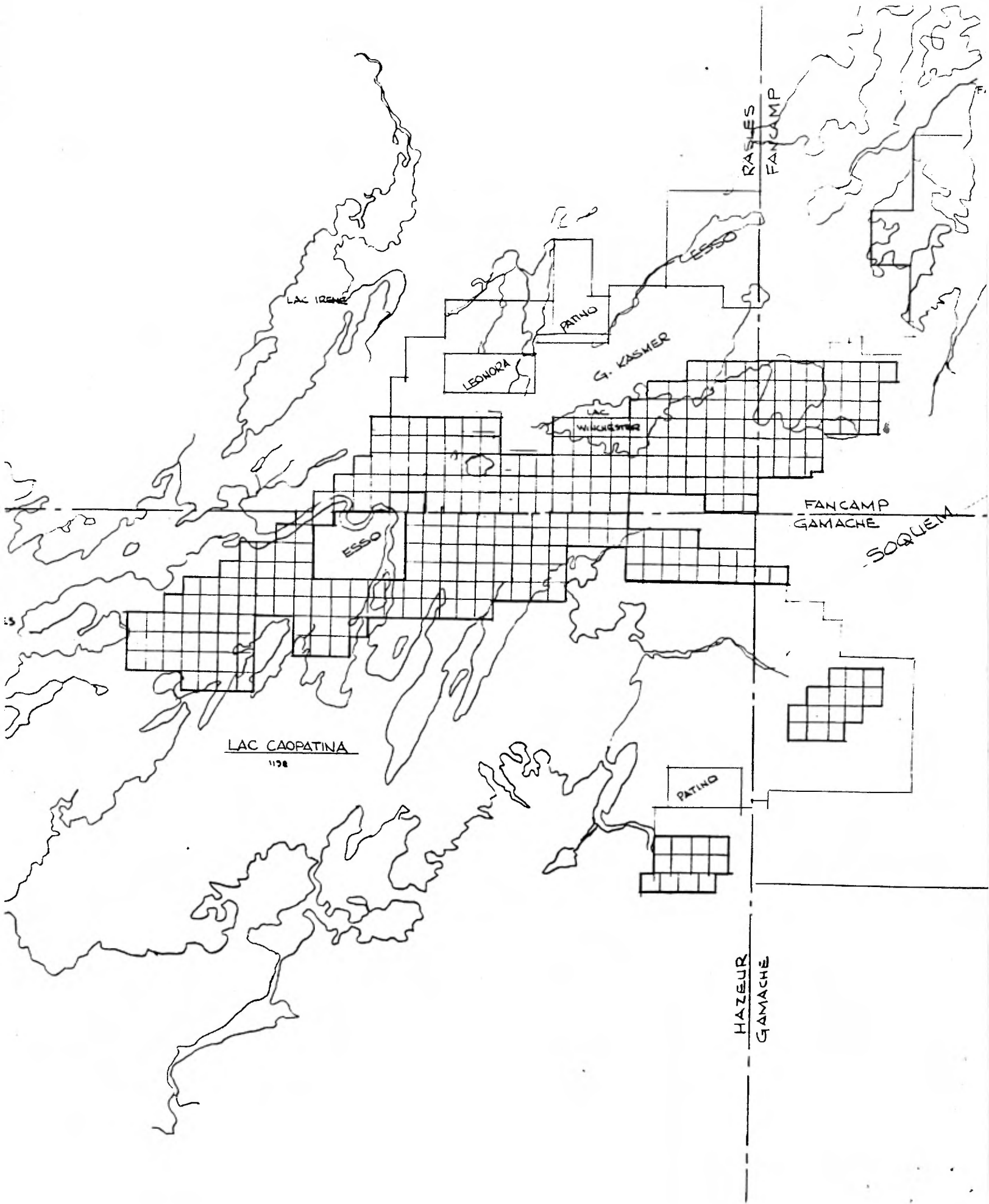
# **Numérique**

**PAGE DE DIMENSION HORS STANDARD**

**NUMÉRISÉE ET POSITIONNÉE À LA**

**SUITE DES PRÉSENTES PAGES STANDARDS**

---





BASAL HUMUS GEOCHEM.  
 A, B, etc. ROAD TRAVERSE.

~~GOLDEN TIGER~~  
 LAC WINCHESTER PROJ. 1984 HUMUS  
 SAMPLES

REPORT: 014-3184

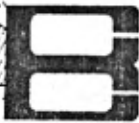
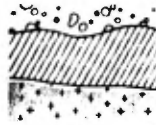
A-7, 8, 10, 11, 13 sample points: 800, 1000, 1100 metres from start of traverse  
 GAPS SUCH AS A-9, A-12: NO samples taken due to swamp.

PROJECT: PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au g/g	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au g/g	NOTE
A-2		4	7.70		D-2		1		
A-3		2			D-3		1		
A-4		2			D-4		2		
A-5		4			D-5		<1		
A-6		5	9.78		D-6		<1		
A-7		1			D-7		1		
A-8		4	1.50		D-8		2		
A-10		2			D-9		<1		
A-11		3	6.60		E-1		1		
A-13		2			E-2		<1		
A-15		20	9.50		E-4		2		
A-16		8			E-5		3		
A-19		11			E-9		<1		
A-22		4	7.50		E-11		2		
A-1		2			F-3		<1		
A-2		4			F-4		<1		
A-4		2			F-7		2		
A-5		2			F-9		4		
A-6		5	7.30		F-13		<1		
A-8		4			F-14		<1		
A-2		2			F-15		5		
A-3		8			F-15		1		
A-4		2			G-01		2		
A-5		2			G-02		7		
A-6		1			G-03		<1		
A-7		4			G-04		<1		
A-8		<1			G-05		<1		
A-10		3			G-06		5		
A-11		<1			G-07		2		
A-12		2			G-08		1		
A-13		2			G-09		9		
A-14		4			G-10		<1		
A-15		2			G-11		2		
A-16		2			G-12		<1		
A-24		<1			G-13		<1		
A-25		2	6.00		G-14		<1		
A-26		1			G-15		<1		
A-30		2			G-16		<1		
A-31		<1			G-17		1		
A-1		<1			G-18		16		

**TOTAL:**  
 190 analyses Au  
 182 " Cu  
 182 " Zn

554 analyses



BASAL HUMUS TROUCHEN.  
 A, B, etc. ROAD TRAVERSE.

~~GOLDEN TIGER~~

LAC WINCHESTER PROJ. 1984

HUMUS  
 SAMPLES

A-7, 8, 10, 11, 13 sample points: 800, 1000, 1100 metres from start of traverse

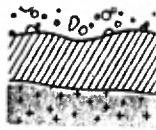
GRAPS SUCH AS A-9, A-12: no samples taken due to swamp.

REPORT: 014-3164

PAGE 1

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au gr	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au gr	NOTE
A-2		4	7.70		D-2		1		
A-3		2			D-3		1		
A-4		2			D-4		2		
A-5		4			D-5		<1		
A-6		5	9.78		D-6		<1		
A-7		1			D-7		1		
A-8		4	4.50		D-8		2		
A-10		2			D-9		<1		
A-11		3	6.60		E-1		1		
A-13		2			E-2		<1		
A-15		20	9.60		E-4		2		
A-16		8			E-5		3		
A-19		11			E-9		<1		
A-22		4	7.50		E-11		2		
A-1		2			F-3		<1		
A-2		4			F-4		<1		
A-4		2			F-7		2		
A-5		2			F-8		4		
A-6		5	7.30		F-13		<1		
A-8		4			F-14		<1		
A-2		2			F-15		5		
A-3		8			F-16		1		
A-4		2			G-01		2		
A-5		2			G-02		7		
A-6		1			G-03		<1		
A-7		4			G-04		<1		
A-8		<1			G-05		<1		
A-10		3			G-06		5		
A-11		<1			G-07		2		
A-12		2			G-08		1		
A-13		2			G-09		9		
A-14		4			G-10		<1		
A-15		2			G-11		2		
A-16		2			G-12		<1		
A-24		<1			G-13		<1		
A-25		2	6.00		G-14		<1		
A-26		1			G-15		<1		
A-30		2			G-16		<1		
A-31		<1			G-17		1		
A-32		<1			G-18		16		



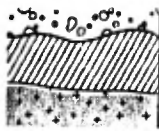
REPORT: 014-3164

PROJECT:

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au gr	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au gr	NOTE
G-21		<1			L-10		24		
J-01		<1			M-3		2		
J-02		<1			M-6		<1		
J-03		<1			M-12		<1		
J-04		<1			M-15		2		
J-05		3			M-16		1		
J-06		43			M-17		<1		
J-07		<1			M-20		<1		
J-08		1			M-21		2		
J-09		<1			M-22		<1		
J-10		5			M-26		<1		
J-11		1			M-27		<1		
J-12		1			M-31		2		
J-13		<1			N-1		3		
J-14		<1			N-2		2		
J-15		3			N-3		17		
J-17		2			N-5		2		
J-18		2			N-7		7		
J-20		1			N-10		4		
J-22		<1			N-11		27		
J-23		2			N-12		2		
J-24		<1			N-16		2		
J-25		2			N-17		5		
J-26		<1			N-26		12		
J-27		2			N-27		3		
J-28		<1			O-5		12		
K-1		<1			O-12		<1		
K-2		<1			O-13		55		
K-5		2			O-14		2		
K-6		<1			O-15		6		
K-7		24			O-16		10		
K-8		4			O-17		23		
K-9		<1			O-18		3		
K-11		<1			O-19		17		
K-13		3			P-1		5		
K-14		2			P-2		1		
P-21		3			P-3		7		
P-1		2			P-4		1		
P-7		3			P-5		<1		
P-9		6			P-6		2		





REPORT: 014-3164

PROJECT:

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au gm	NOTES
P-9		<1		
P-10		43		
Q-1		1		
Q-2		2		
Q-4		1		
Q-7		2		
Q-10		2		
R-2		10		
R-3		<1		
R-4		8		
R-5		2		
R-6		2		
R-7		1		
R-8		1		
S-05		3		
S-06		3		
S-07		<1		
S-08		2		
S-09		1		
S-10		4		
S-11		<1		
S-12		1		
S-16		<1		
S-22		1		
T-1		2		
T-2		4		
T-4		<1		
T-08		<1		
T-09		<1		
T-10		1		



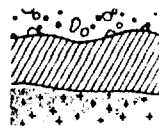
BASAL HUMUS GEOCHEM. LEGEND AS PREV.

REPORT: 114-3164

PROJECT:

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	NOTE
A-2		IS	IS		D-2		3	9	
A-3		6	33		D-3		1	5	
A-4		4	28		D-4		7	14	
A-5		9	26		D-5		1	3	
A-6		IS	IS		D-6		3	10	
A-7		3	6		D-7		2	5	
A-8		IS	IS		D-8		1	4	
A-10		3	24		D-9		7	5	
A-11		IS	IS		E-1		4	23	
A-13		2	15		E-2		1	2	
A-15		4	8		E-4		2	6	
A-16		IS	IS		E-5		1	5	
A-19		1	6		E-9		2	5	
A-22		IS	IS		E-11		3	5	
B-1		3	20		F-3		4	6	
B-2		5	21		F-4		2	8	
B-4		3	10		F-7		7	38	
B-5		1	5		F-8		8	25	
B-6		IS	IS		F-13		22	19	
B-8		8	26		F-14		7	4	
C-2		4	13		F-15		10	4	
C-3		13	26		F-16		4	7	
C-4		12	12		G-01		10	21	
C-5		5	11		G-02		13	21	
C-6		11	13		G-03		8	16	
C-7		6	13		G-04		5	17	
C-8		2	2		G-05		1	6	
C-10		10	14		G-06		16	26	
C-11		7	15		G-07		4	13	
C-12		7	9		G-08		3	14	
C-13		2	9		G-09		4	11	
C-14		2	6		G-10		4	14	
C-15		7	14		G-11		2	10	
C-16		4	6		G-12		5	19	
C-24		5	5		G-13		6	2	
C-25		IS	IS		G-14		4	9	
C-26		3	8		G-15		2	4	
C-30		2	11		G-16		2	7	
C-31		2	16		G-17		1	4	
D-1		7	47		G-18		2	5	



REPORT: 114-3164

PROJECT:

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	NOTE
G-21		3	6		L-10		1	5	
J-01		1	5		M-3		3	7	
J-02		1	3		M-6		1	5	
J-03		1	2		M-12		1	5	
J-04		1	4		M-15		3	8	
J-05		1	1		M-16		2	12	
J-06		2	6		M-17		2	7	
J-07		<1	3		M-20		1	4	
J-08		2	6		M-21		3	7	
J-09		3	7		M-22		2	3	
J-10		1	5		M-26		1	6	
J-11		1	3		M-27		1	4	
J-12		1	3		M-31		1	4	
J-13		1	3		N-1		1	6	
J-14		3	5		N-2		3	7	
J-15		3	11		N-3		3	7	
J-17		3	11		N-5		1	6	
J-18		3	8		N-7		2	7	
J-20		7	19		N-10		1	3	
J-22		2	8		N-11		2	5	
J-23		1	3		N-12		1	3	
J-24		1	4		N-16		10	17	
J-25		4	15		N-17		5	7	
J-26		3	9		N-26		2	7	
J-27		2	8		N-27		1	3	
J-28		5	16		O-5		2	5	
K-1		3	8		O-12		<1	2	
K-2		4	9		O-13		1	4	
K-5		2	7		O-14		<1	-2	
K-6		8	8		O-15		7	15	
K-7		3	5		O-16		1	2	
K-8		17	21		O-17		1	5	
K-9		1	5		O-18		1	2	
K-11		1	4		O-19		2	4	
K-13		34	65		P-1		2	6	
K-14		10	17		P-2		2	5	
K-21		2	10		P-3		3	5	
L-1		2	6		P-4		1	3	
L-7		8	16		P-5		3	6	
L-09		1	3		P-6		1	2	



REPORT: 114-3164

PROJECT:

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	NOTES
P-09		1	2	
P-10		1	3	
Q-1		2	6	
Q-2		<1	2	
Q-4		1	3	
Q-7		2	9	
Q-10		2	7	
R-2		<1	2	
R-3		<1	2	
R-4		<1	3	
R-5		<1	2	
R-6		<1	2	
R-7		1	3	
R-8		2	8	
S-05		2	3	
S-06		3	5	
S-07		2	2	
S-08		4	5	
S-09		2	4	
S-10		2	3	
S-11		1	3	
S-12		3	5	
S-16		4	5	
S-22		5	7	
T-1		1	4	
T-2		7	17	
T-4		7	21	
T-08		1	5	
T-09		2	8	
T-10		5	17	



PROJET CHIBOUGAMAU

REPORT: 214-2662

PROJECT: Chibougamau PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	TOTAL PCT	NOTES
10786		69.80	0.46	14.60	8.17	0.28	0.46	0.14	1.28	2.23	0.15	2.65	100.23	

*Essai Tranch. 4m x 4m x 1m 'H6de' ignarite' - 2' sill(?) med-clc grainé*  
*Rhy. ramp.*

Total = \* 255 échantillons :

RAPPORT  
 DESCRIPTIF  
 par P.H. Smith

- 248 analyses Au
- 3 " Ag
- 3 " Cr
- 3 " Cu
- 3 " Ni
- 3 " V
- 3 " Zn
- 3 " As
- 3 " Be
- 3 " B2
- 3 " Sr
- 7 balayages pour les 11 éléments majeurs

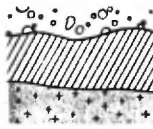
\* Total = 355 analyses

Ministère de l'Énergie et des Ressources

Service de la Géoinformation

Date: 7 MARS 1988

No G.M.: 42628



REPORT: 014-3078

PROJECT: Chibougamou PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au gm	NOTES
5461		3	20.00	Road tr. 2" blue/gray q.v. of row, no sulph
5462		3	20.00	" " wall of to prev. Lt gray chloritoid sch. no py
5463		6	20.00	" " Lt gray, carb chloritoid sch. no py
5464		4	20.00	" " black-rusty area carb chlor sch. no py seen
5465		2	20.00	" " chlor. sch. no py
5466		2	20.00	" " carb chloritoid sch. rusty area, albite xtal throughout, no py
5467		3	20.00	" " chloritoid schist, wh carb veins 40" rock, 11 fol. no py
5468		1	20.00	" " 2" qtz/carb vein 2' W of 5466, vein trends N15/60 W
5469		2	20.00	S. of hae Wm. Lt gray/wh qtz v, black tour, cutting sheard gabbro, no py
5470		2	20.00	" " " sheard gabbro, q.v. 11 fol, to py
5471		3	20.00	" " " sheard gabbro, py seams in fol <1%
5472		16	20.00	" " " mass, chl xln gabbro, to py
5473		<1	20.00	nr 36+00W @1 angular float, chlor/qtz/carb schist/breccia
5474		2	20.00	Esso Trench Lt gray/wh qtz v. in shlar between gabbro & mass. sulphide
5475		1	20.00	" " wall rock to E of gabbro vein to py
5476		19	20.00	" " gray qtz vein, no visible sulph.
5477		2	20.00	§3 L12E 105S rusty area chloritic aggl & wh qtz v. mat.
5478		<1	20.00	angular float 1/2 mile E of gravel Pit nr rd. multiple q.v. in carb. no py
5479		2	20.00	Gravel Pit mass. carb, qtz stockwork zone
5480		3	20.00	" " mass carb, minor qtz v. (start of a series of chip samples - follow)
5481		2	20.00	" " " " " "
5482		5	20.00	" " " " " "
5483		7	20.00	" " " " " "
5484		6	20.00	" " " " " "
5485		3	20.00	" " " " " "
5486		1	20.00	" " " " " "
5487		1	20.00	" " " " " "
5488		<1	20.00	" " " " " "
5489		8	20.00	" " " " " "
5490		2	20.00	" " " " " "
5491		<1	20.00	" " " " " "
5492		5	20.00	" " " " " "
5493		11	20.00	" " " " " "
5494		9	20.00	" " " " " "

34 analyses Au

5500  
 3.11  
 traces



REPORT: 414-3029

PROJECT: Chibougenzu PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	NOTES
5025		15	Gravel Pit gossan zone
5092		10	New Esso Trench 50'S W end. aggl. chlv. to py
5093		5	" " " 160'S " " Lt grey/blk soil sch. minor mag, some py, rusty
5094		<5	" " " " " " wh gtz blocks - quartz vein
5095		<5	" " " 300'S " " rusty sch. py, mag
5096		10	" " " " " " rusty chloritoid lrg sch. minor mag, py.
5097		<5	" " " 390'S " " cherty mag sch py 10%
5098		5	" " " 420'S " " mass. po in shear zone, v.f. gr.
5099		<5	" " " 430'S " " chloritoid ser sch. in shear bet. gabbro & IF
5100		<5	Trench ~ 500' SW of Esso Trench Gabbro, v. clac diabasic
5451		<5	" " " " " " 2" gtz vein 25/90 no visible sulph.
5452		<5	" " " " " " 4" wh gtz v. ~ 50'E of prev. " "
5453		<5	" " " " " " wall rock to prev. gtz v. cherty, rusty py 2-3%
5454		<5	Road Trench gtz stockwork in dk chlv. x py/po 5%
5455		5	" " " carb ser. schist, rusty
5456		<5	" " " Lt grey carb ser. schist, speckled with chloritoid
5457		<5	" " " med grey, slaty, carb rock minor dec py.
5458		<5	" " " slaty, Lt grey carb ser sch. chloritoid lrg. to py
5459		<5	" " " ser. schist, carb stringers, to py
5460		<5	

20 analyses Au

*John A. Clegg*



REPORT: 014-J001

PROJECT: Chibougamou

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PFB	wt/Au gN	NOTES
05000	<5	20.00		Gravel Pit aggl. fr py/po
05023	<5	20.00		" " 1/4° NE trending qtz v. fr py
05024	<5	20.00		" " wall to prev. vein. volc. fr py
05026	<5	20.00		" " sheared volc. py 2-3%
05071	<5	20.00		Eastern Trenches grab buff. lt qm. rusty wea.
05072	5	20.00		" " buff to pale qm. sericite aggl. fr py
05073	5	20.00		" " med qm/gm, sil, ser, few lt qm sil lenses aggl py 1%
05074	10	20.00		" " strat below aggl. & above gabbro, sch, cl'ce chloritoid sch. py 1%
05075	<5	20.00		Trench @ boundary 500' W of E trenches ser sil andesite, wh qtz v. fr py.
05076	<5	20.00		" " 300' W " " chlor sch. po/py 1%
05077	30	20.00		" " 200' W " " lt qm, sil, sericite schist fr py
05078	30	20.00		" " " " " " 6" qtz vein, wh. lt qm (5077 wall to this vein)
05079	5	20.00		Eastern Trenches, bet aggl & gabbro, chlor schist, slams lt qm qtz py 1-2%
05081	<5	20.00		600 m NNE of Gravel Pit, east of road, carb. chlor sch. rusty wea.
05082	<5	20.00		" " " " " " lt qm schistose sch, bon mottled, old trench c. 1950.
05083	<5	20.00		" " " " " " lt qm ser schist, fossiliferous, wh qtz v. 11 fol.
05084	<5	20.00		Road Trench pyrite lagelli buff & aggl. ser matrix py 70%
05085	<5	20.00		" " chloritoid sch. fr py rusty wea.
05086	<5	20.00		" " carb. sil x 1/4" wh qtz vein py 1%
05087	<5	20.00		Esso Trench 50' SW qm/dk qm mass qtz v 2' wide in shear zone no visible sulph.
05088	<5	20.00		" " " " " " mass. dk qm qtz 50' E of prev. aggl, rusty carb ser schist
05089	<5	20.00		" " " " " " sil sch. wall to prev. qtz v. fr py
05090	<5	20.00		" " " " " " lt qm carb sch, slightly chlor. rusty
05091	5	20.00		" " " " " " sil sch, wall to prev. qtz v. rusty wea no visible qtz.
10735	<5	20.00		412359-4 p.2 400' N 050W dk qm, chlor, chlor. volc. no sulph. etc
10736	<5	20.00		" " " " " " 070'E dk qm/gm schistose volc, no visible sulph. etc.
10737	<5	20.00		" " " " " " 200' W 125' N wh qtz, no visible sulph. etc.
10738	<5	20.00		" " " " " " 300' W etc wh sugary qtz cutting greenstone
10739	170	20.00		412366-1 p.1 200' W 080'S float. sil IF, sheared py/po 3-5%
10740	<5	20.00		" " " " " " 550' W 300'S etc. schistose v.f. gr. amphibolite fr py.
10741	<5	20.00		" " " " " " 600' W 300'S etc. " " " " v.f. qtz slams, fr py
10742	<5	20.00		same loc. as 10738 dk qm, chlor. volc. no sulph.
10743	<5	20.00		" " " " " " 10737 med qm, cl'ce gr. volc. " "

33 analyses Au





REPORT: 014-2868

PROJECT: Chibougamou PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	wt/Au g/g	NOTES
05052		<5	20.00	Gravel Pit dk grey qtz, specks cpx
05053		70	20.00	" " massive po/py lens - granular to v.f. gr. (125 ppb max)
05054		5	20.00	" " po/py, tr cpx in grey volc. sulph 80%
05055		10	20.00	" " grey volc 2" below prev. sple py/ps 10%
05056		<5	20.00	" " 2-3" grey qtz vein, gently N dipping, mass sulph unmed above tr py, cpx
05057		<5	20.00	" " quartz vein in carb gabbro dk grey qtz no sulph.
05058		<5	20.00	" " carb. volc. brown, no fresh rock.
05059		10	20.00	" " carb gabbro tr py.
05060		<5	20.00	S. Wmbr. lake, etc. f. gr. gabbro, massive, tr py
05061		<5	20.00	W. of 209 w. gravel pit. mass med gr. gabbro, fresh. tr py.
05062		<10	5.44	" " gabbro tr py.
05063		<5	20.00	Rte 209 Km 58 SW Wmbr. etc chlor/micaite, qtz/feldsp. schist
05064		<5	20.00	" " etc 1/2" wh qtz v. in fol. carb lam chlor, carb.
05065		<5	20.00	" " " sev/carb) chlor sch, narrow qtz/carb v. 1/2 fol.
05066		<5	20.00	" " " sev/chlor sch. cut by 2" wh qtz v. tr py.
05067		<5	20.00	" " " 150m. N. etc. grey/gm f. gr - ang. rock, felsic cobbles tr py.
05068		<5	20.00	200' NE pt. 1248 Quarry imp. Wmbr. S. shaled gabbro, f. gr. py 1% etc.
05069		<5	20.00	" " " v float angular, rusty carb chlor, etc.
10726		<5	20.00	412422-3 p2 etc on lake dk gm vesicular basalt
10727		<5	20.00	" " " 350' W " " carb vesicle fillings etc
10728		<5	20.00	125' W of 10727 on lake greenstone, wh qtz veins etc.
10729		<5	20.00	412422-4 p4 575' W, 200' S dk gm basic tuff, no sulph. etc.
10730		<5	20.00	at boundary, @ p2, d5 slaty schistal greenstone. etc
10731		<5	20.00	412382-1 p1 100' E, 150' S med gm, sil, basic tuff etc.
10732		<5	20.00	" " " 140' W 010' S dk grey, slaty, highly sil tuff etc.
10733		<5	20.00	" " " 210' W 030' S sil basic tuff
10734		<5	20.00	" " " 700' W 010' S dk grey, sil, chlor, shaled tuff.
11226		<5	20.00	Opawica Gp. 412379-4 p2 1000' W 100' W etc. mass chlor vs 1-2% py
11227		<5	20.00	" " " 900' W 150' W etc. dk grey/gm, dense banded vs tr py etc.
11228		<5	20.00	" " " 310' W 130' W etc. " " " " - pink apatite v. 40% tr py
11229		185	20.00	NW Wmbr. E of 209 + 500' S of boundary buff wea, sil volc, py cuts 2-3% etc
11230		5	20.00	Opawica Gp. 412379-4 p2 etc 1250' W 600' W sev/carb/amph. sch. rusty.
11231		105	20.00	5200' E, 400' N of east projection of boundary rusty qtz v. mat. small biotite tr py.

33 analyses Au



REPORT: 414-2802

PROJECT: Chibougamou PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au O/T	NOTES
05046	<0.001		Soqueun, 500'S 412417-4 P2 chip apex across pyritic tuff band, py py 5% over s
05047	<0.001		S central part of property, angular, tm uca slabs chln/hbdl sh, to py
05048	0.001		Soqueun, 500'S 412417-4 P2 pyritic tuff, rusty, qtz/mag/chln lrg. to py/100 (part of 5046 band)
05049	0.001		" " " " " rusty, fol, fine granular qtz, chln, no mag.
05050	0.001		" " " " " fine granular qtz, minor chln, foliated, rusty.
05051	0.001		<del>From loc 5046</del> From loc 5046 f. granular qtz, minor chln, rusty, fol.
10501	0.001		412367-5 P1. 210'W 120'S etc. no lrg mag IF
10502	<0.001		" " " " " 170'S float granular py in qtz, 25%.
10503	<0.001		" " " " " 100'W, 100'S etc. aggl. f. qz. wh qtz frag py/100, interstitial to frag.
10526	<0.001		427621-4 P3 400'E 285'S " green schistose volc
10527	<0.001		" " " " " 300'S etc lt gm, sil volc.
10528	<0.001		" " " " " 425'S lt gm/gm schistose volc. etc.
10529	<0.001		412367-3 P1 post. gm schistose volc. etc
10530	<0.001		" " " " " 350'N 075'E etc. wh augury qtz v. in gabbro qtz/gabbro 2:1 to py
10531	<0.001		" " " " " 200'W dk gm sil rock 1/4" wh qtz v., to py etc.
10532	<0.001		" " " " " 200'W 100'S etc lt gm/gm sil r, mag lrg, wh qtz v. etc trace py, cpq
10533	<0.001		" " " " " 200'S 040'W etc. gm schistose volc.
10534	<0.001		412366-2 P1 150'E 050'W float lt gm/gm, schistose r, sil, mag lrg. to py.
10535	<0.001		" " " " " 350'S 150'E gm sil qtz waste, wh qtz veins, to py
10536	<0.001		412367-3 P4 850'W dk gm, chloritic schist, to py
10537	<0.001		412417-4 P2 400'W angular float, mainly wh qtz v. material in gm sil volc.
10538	<0.001		" " " " " 400'W 250'N etc. med gm, schistose volc. to py, cpq
10539	<0.001		" " " " " 240'N etc. vuggy qtz in chln. schist, qtz 85%, py 10%
10540	<0.001		" " P1 600'N wh qtz v. material to py etc.
10541	<0.001		loc. as 10532 black chln. sch. to py.
10542	<0.001		loc. as 10538 1/4" gm qtz v. ll fol in chln schist, to py.
10543	<0.001		" " 10540 pale gm sil. schist, to py.

27 analyses Au

*John R. Clegg*





**GOLDEN TIGER**

**LAC WINCHESTER PROJECT 1984**

**WHOLE ROCK**

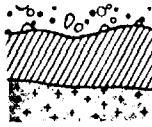
REPORT: 014-2662

PROJECT: chibougamou PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	TOTAL PCT	NOTES
05003	blacky tuff/aggl.	30.80	0.49	10.00	34.80	0.72	2.50	3.76	1.86	0.91	0.25	6.75	92.84	Gravel Pit
05005														
05008	bltuff/aggl. matrix	45.20	0.68	14.02	23.00	0.72	2.86	4.64	2.40	1.16	0.24	7.00	101.90	-
05012	sh. aggl. py/po 2-3%	35.60	0.44	9.52	36.80	1.21	2.06	3.32	0.90	1.19	0.09	6.40	97.54	-
05014	sh. aggl. py/po 2-3%	41.80	0.48	10.60	24.00	0.76	2.28	4.26	1.85	0.81	0.16	6.00	93.00	-
05017														
05020	py/po/mag/ ch. IF	67.20	0.09	2.62	19.98	0.56	1.21	1.70	0.24	0.10	0.03	3.45	97.19	-
05027	carbonated gabbro	39.80	0.61	12.60	9.88	0.18	7.36	8.98	2.46	0.30	0.07	16.35	98.60	-

*high Fe Tholeiites*

6 ech x 11 analyses = 66 analyses



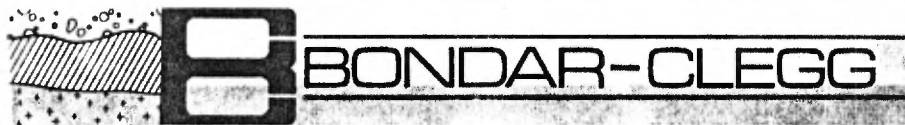
REPORT: 114-2662

PROJECT: Chibougamou PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ni PPM	Cr PPM	Ag PPM	V PPM	Au PPB	As PPM	Be PPM	Ba PPM	Sr PPM	NOTES
05005	10" carb vein 110/90	8	34	7	101	<0.1	17	<5	6	0.5	<15	628	Grand P.r
05017	mass py/ps in blocks	21	317	63	70	0.3	10	100	96	<0.5	26	2	" "
05027	carb. gabbro	76	61	93	207	<0.1	34	<5	49	0.5	<15	121	" "

3 each x 11 analyses = 33 analyses





**GOLDEN TIGER.**  
**LAC WINCHESTER PROJECT 1984**      **ROCK SAMPLES**

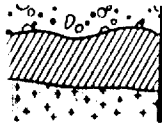
REPORT: 414-2569

PROJECT: Chibougamau      PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au g/t	NOTES
11625	0.001		N. rd. @ Esheh, Win. Lake. float rusty andesite, to py. block 4'x5'x8'
11626	<0.001		Rte 209 2.95 mi S of N access road greenstone, qtz/carb stockwork to py/cpy
11627	<0.001		500' N of prev. on W. side of road greenstone rubble, qtz/carb stockwork, to py, cpy, sph.
11628	<0.001		500' N of 626 on E side of road. greenstone fol 80/85 N X shear 40/90. carb stockwork to py.
11629	<0.001		" " " " " " 2' W chlor. sch., carb streaks, to py.
11630	0.002		Soquem 900' SE 412417-4 p 2 8" g.v. including 125/90, rusty, bit. tour. org.
11631	<0.001		" 900' SE " " " dk grey carb volc. no sample.
11632	<0.001		" " " " " 3" with g.v. 10/65 W no sample.
11633	<0.001		" " " " " wall to prev. sample. sil volc. to py fol 110/65 N
11634	<0.001		" " " " " 10' S of prev. py/pp. qtz sch.
11635	0.079		" 500' SE " " " chlor/ser/pp. schist. pyritic stuff py/po2-37. Bd. 110/65 N
11636	0.001		" " " " " andesite, 6" below above, qtz/feldsp, bio, some ser. to py, cpy
11637	<0.001		" " " " " K-feldite schist + py 1-2%, mag, carb streaks, rusty wt
11638	<0.001		" 2.8 miles SE from Gravel Pit on Gamade Exp. road. Sheared greenstone py 1-2% crumbling pfg. 55° E.

14 analyses Au

*John Bondar*



REPORT: 414-2393

PROJECT: Ch. bougenza PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU O/T	NOTES
11611	<0.001		Gravel Pit - grab samples from original Sept '83 sampling by H. Perceaux. all samples gossanous, po/py rich, magnetite try blocky tuff from original blowings in central part of gravel pit. po/py 10-20%. One grab from these same rocks assayed in Sept '83 yielded .06g Au/ton.
11612	<0.001		
11613	<0.001		
11614	0.005		
11615	<0.001		
11616	<0.001		
11617	<0.001		
11618	<0.001		
11619	<0.001		
11620	<0.001		
11621	<0.001		
11622	<0.001		
11623	<0.001		
11624	<0.001		

14 analyses Au

*[Handwritten signature]*



Company: Golden Tiger Mining Expl. Ltd.,  
 Loc. Lac Winchester Project, Fancamp Township  
 Collar: BL#3, L12E, 0 90S, Claim 412417-4  
 Incl.&Brg: 45° to 200° Az.  
 El: 0' (arbitrary)  
 Total Depth: 343'  
 Drilled by: Les Forages Cadieux, Rouyn  
 Started: Dec. 5, 1984 PM  
 Finished: Dec. 7 '84 PM  
 Logged by: P.H.Smith  
 Core Location: Chibougamau, c/o H.Parceaud, C.P.291, Chib.  
 Casing: Pulled (X), left in( )

Hole# 84-1  
 Pages: 3  
 Core Size: BQ

Acid Tests:  
 343' 36° corrected.

Footage from-to	Description			
0 - 7	Casing			
7-8.7	Chlorite schist, weakly pyritic, weak carb laminae, fol 90° c.a.			
	Sample		<u>Au oz/ton</u>	
	# 1 7-8.7' py 1-2%		tr	
8.7-62	Lapilli tuff, lt gry grn, hard, carbonatized, few 1/8 - 1/4" qtz veins, sharp walled, vertically dipping (interp.). weakly diss py, minor po throughout, less than 1%, few 1/16-1" seams vfgr mass py with beige (sericitic) alteration marginal to them. Bd massive, fol 90° c.a. Gry qtz/carb veinlets up to 2" vertically dipping (interp), in lower 5' of section.			
	Samples			
	# 2 8.7 - 10.7	tr py		tr
	3 24.6 - 27.2	"		tr
	4 27.2 - 27.6	py 25%		tr
	5 27.6 - 30.2	tr py		tr
	6 30.2 - 33.1	"		"
	7 52.8 - 56.2	"		nil
	8 56.2 - 59.4	py/po 1-2%		tr
	9 59.4 - 62.	" tr.		"
62-69.8	Mixed Zone. Dk gry/grn carb lapilli tuff, occ. larger dark frag, fol. 80° c.a. Gry qtz & carb veining throughout - 15-20% of section - Veins irreg. & patchy, but also sharp walled @ 45° c.a. Dev. of randomly oriented, c'se xln chloritoid crystals in 1-2" dk gry/grn zones. Diss py, minor po, occ in streaks. lower contact zone dk gry/grn lam. sediment, very finely diss py, all over 1". base of section 1/8" sericite seam @ 65° c.a. & cont. c'se chloritoid xtals.			
	Samples			
	# 10 62 - 65.5	tr py		nil
	11 65.5- 68.	"		tr
	12 68 - 69.8	"		"
69.8-134.4	Blocky tuff. lt gry/grn, hard, carbonatized, probably int. composition. Med to lt gry aphanitic, angular - subang flat frag in a med gry/grn lapilli rich matrix. Frag to 2-3" in core. Occ pyritic seam bordering some fragments. Overall sulph. content less than 1%.			

Ministère de l'Énergie et des Ressources  
 Service de la Géoinformation  
 7 MARS 1986  
 Date: \_\_\_\_\_  
 No G.M.: 12628

- 69.8 - 134.4 Blocky tuff, cont'd. 114-118.7 grey to white complex qtz mass, some carbonate, swirls of pale green to buff sericite/chlorite throughout, minor black tourmaline, tr diss py throughout - less than 1%. Contacts either side 45° c.a., i.e. prob. vertical in field.
- | Samples |               |          | Au oz/ton |
|---------|---------------|----------|-----------|
| # 13    | 69.8 - 71.1   | py 1%    | nil       |
| 14      | 111.7 - 114   | tr py    | "         |
| 15      | 114 - 116.7   | "        | "         |
| 16      | 116.7 - 118.7 | "        | tr        |
| 17      | 118.7 - 119   | po 2%    | "         |
| 18      | 119 - 121.7   | tr py/po | nil       |
- Basal contact of blocky tuff unit sharp, 85° to c.a.
- 134.4-136.1 Lapilli tuff, dk gry/grn, carb. few lt gry bands, tr py
- 136.1-139.3 Quartz xtal tuff, lt gry, sil., carb., mass. occ. sliver-like qtz/bio frag. Rock is med gr. upper & lower contacts sharp, 80° c.a.
- 139.3 - 141.2 Lapilli tuff, dk gry/grn, mass, some po/py streaks - 1% of rock.
- | Sample |             |       |     |
|--------|-------------|-------|-----|
| # 19   | 139.3-141.2 | py 1% | nil |
- 141.2 - 144 Tuff, lt gry, vfgr mass rock, med hard, carb. faint banding 80° c.a.
- 144 - 153.3 Tuff, med -lt gry/grn, vfgr, mass, carb, wh. qtz veinlets & stringers 35-45° c.a. common. Beige mottling - very fine in lower part of section, coarsening to central part of sect. and absent in upper part of sect. seems to be some sort of sericitization. Mottling is vesicle-like. Unit could be a thin flow.
- 153.3 - 158.8 Tuff, med/lt gry/grn, carb, banded on a mm scale, gradational upper contact, sharp lower contact, 80° c.a. Banding could be flow banding.
- 158.8 - 162.2 Lapilli tuff, lt gry, mass, carb.
- 162.2 - 222.1 Blocky tuff, as previous, occ sliver-like streak of po cont. minor py. Fol & bd 80° c.a. Fragments tend to become smaller toward base of unit. Lower contact sharp, 80° c.a. Chloritoid noted locally in sect.
- | Samples |             |       |    |
|---------|-------------|-------|----|
| # 24    | 220 - 222.1 | tr py | tr |
- 222.1 - 226.7 Laminated tuff and lapilli tuff, carb, med dk gry/grn. Bd. 80° c.a. 1' layer of lt gry qtz xtal tuff in central part of section. Chloritoid lo
- | Samples |               |       |     |
|---------|---------------|-------|-----|
| # 25    | 222.1 - 222.6 | tr py | .02 |
| 26      | 222.6 - 223.2 | "     | tr  |
| 27      | 223.2 - 226.7 | "     | tr  |
- 226.7 - 227.3 Fracture zone, med gry/grn, tuffaceous rock, folded, cut by qtz/carb stringers, sericite slip planes throughout @ 80° c.a.
- | Sample |               |       |    |
|--------|---------------|-------|----|
| # 28   | 226.7 - 227.3 | tr py | tr |
- 227.3 - 280 Dacite (?) Med gry, aph to porphyritic, carbonatized, heterogeneous unit, siliceous. Sharp walled, gry to white qtz veins with minor carb at margins 30-40° c.a., ranging from 1/4" in upper 2/3 section, to 1' in lower 1/3 of sect. Occ. py, cpy specks. Local bl. tour. in the qtz.
- | Samples |             |       |      |
|---------|-------------|-------|------|
| # 29    | 227.3 - 230 | tr py | tr   |
| 20      | 255 - 259.5 | tr py | nil  |
| 30      | 259.5 - 265 | "     | tr   |
| 31      | 265 - 270   | "     | .005 |

227.3 - 280	Dacite cont'd			
	Samples			<u>Au oz/ton</u>
	# 32	270 - 272.5	tr py	tr
	21	272.5 - 275.4	"	"
	22	275.4 - 276	" ,cpy	nil
	23	276 - 280	"	"
280 - 343	Gabbro, lt gry/grn, carb., c'se gr., even textured. Few wh. qtz v., 1/4 - 2" @ 45° c.a.. Thin fract planes bordered by hematite common 10 - 20° c.a. Contact with previous unit sharp, 80° c.a. Chill zone 280-290'. Occ. shears to 1 - 2" wide @ 80° c.a. noted throughout. section. Shears frequently cont conc. of magnetite and occ. hematite.			
343	E.O.H.			

Company: Golden Tiger Mining Expl. Ltd.,  
 Loc.: Lac Winchester Project, Fancamp Township  
 Collar: BL#3, L7E, 0 50S, Claim 412372-5  
 Incl.&brg: 45° to 200° Az.  
 El: 10' (relative to 84-1)  
 Total depth: 428'  
 Drilled by Les Forages Cadieux, Rouyn  
 Started: Dec. 8, 1984 PM  
 Finished: Dec. 12, '84 AM  
 Logged by: P.H.Smith  
 Core location: as 84-1.  
 Casing: pulled ( ), left in (X)

Hole 84-2  
 Pages: 3  
 Core Size: BQ

Acid Tests  
 200' 36° corr.  
 428' 37° "

Footage from-to	Description
0- 10	Casing
10-92.9	Tuff, med gry, vfgr, homogeneous, carbonatized, med hard, occ lapilli and small med gry angular frag visible. Bd not well def., but tends to be about 80° c.a. Occ. 1/8 - 1/4" wh qtz stringers & veins // bd.; streaks of py, po locally // bd. Sulph overall v. low, less 1/2%. Hairline fractures // to 10° c.a. & exhibiting narrow bleached selvages here & there. Colour of rock tends to darken & become more greenish from 60' on down. 60-61.1' wh qtz veins @ 80° c.a. form a banded zone that resembles the cherty IF seen at surface in the Gravel Pit some 700 metres west. From 88' to 92.9' the section is characterized by heavy py/po in the bedding (80° c.a.) Py po in about equal proportions; traces of sphalerite seen. Lower contact of unit sharp, 80° c.a. In general the sulphide zones seem to be margined by a chloritic halo - the 'darkening' described above. Loc. fine diss magnetite.
	Samples
	<u>Au oz/ton</u>
# 33	43 - 46.4 py 1% tr
34	46.4 - 50.7 " "
35	50.7 - 53.2 py po 2% "
36	53.2 - 56 " 1% "
37	56 - 60.1 " 2-3% .005
38	60.1 - 61.1 " 3-4% .005
39	61.1 - 63.6 " 1% tr
40	63.6 - 65.3 " 5-7% "
41	65.3 - 69.6 tr py "
42	69.6 - 74.6 " "
43	74.6 - 78.7 " "
44	78.7 - 79 py po 10-15% "
45	79 - 81.6 " 1-2% "
46	81.6 - 84 " tr "
47	84 - 88 " " "
48	88 - 89.3 " 3-4% "
49	89.3 - 90.7 " 6-8% "
50	90.7 - 91.6 " 15-20% "
51	91.6 - 92.3 " 25-30% .01
52	92.3 - 92.9 " 15-20% tr
92.9 - 276.6	Gabbro, med gry/grn, totally carbonatized.
92.9 - 103	vfgr, -aphanitic, beige speckled (carb) in upper 5' of sect.
53	92.9 - 94.5 tr py tr
54	107 - 108.3 q.v. no sulph. "
55	114 - 114.4 " " "

92.9 - 276.6 Gabbro (cont'd)  
 103-140 med gry/grn, c'se gr. carb. gabbro  
 140-160 CORE BOX MISSING (presumably buried in snow near drill site)  
 160-163.2 carb. gabbro aa  
 163.2-267.4 f to med gr carb gabbro, speckled with fine gr. biotite  
 books in variable quantities throughout. 163.2 - 183.7 extensive dev.  
 of biotite to 5% of rock and associated with extensive qtz/carb veinlet  
 systems. 193-196.2 pale green, yellow & pinkish aphanitic altered zone  
 laced with qtz veinlets. 231-234.7 wh qtz veins 1/4-1/2" & extensive  
 dev. of c'se biotite clusters. 262-267.4 qtz/carb veinlets & stringers  
 45 to 10<sup>0</sup> c.a. 1/16-1/4" wide, and locally forming weakly dev. stockworks.  
 Specks of cpy, py in the veinlets.  
 267.4 - 276.6 fgr, med gry/grn carb gabbro, few qtz /carb veinlets.  
 Weak fol 80<sup>0</sup> c.a. although folded streaks of the succeeding mineralized  
 zone are present in the lower 5' of the gabbro section.

Samples			Au oz/ton
# 68	133.6 - 133.9	shear, tr py	.005
56	167.9 - 172.5	tr py	tr
57	172.5 - 173.2	"	"
58	173.2 - 175.6	"	"
59	191.9 - 193	"	"
60	193 - 196.2	"	"
61	196.2 - 200	"	"
62	200 - 200.9	"	"
63	200.9 - 201.4	gry/blue q.v. tr py	"
64	201.4 - 202.2	tr py	"
65	224.3 - 224.7	shear, tr py	"
66	231 - 232.2	tr py	"
67	232.2 - 234.7	"	.005
69	262.1 - 264.8	qtz/carb v. tr py	.005
70	264.8 - 267.4	tr py	tr
71	267.4 - 271.3	"	.005
72	271.3 - 273.4	"	tr
73	273.4 - 276.6	"	"

276.6 - 282.6 Mineralized Zone. Interbanded lt gry carb/qtz veinlets & stringers and  
 a med green chloritic groundmass. Streaks & patches of py po in about  
 equal proportions throughout (10-15% of rock) Banding is about 80<sup>0</sup> c.a.  
 Lower 2" of section laminated py/po, carb & chlorite. Some folding  
 noted in qtz/carb veinlets with axial plane // to banding. Some sharp  
 hairline fractures showing offsets and containing finely diss py occur  
 // to the c.a. (i.e. probably NE trending)

Samples			
# 74	276.6 - 278.3	py/po 12%	tr
75	278.3 - 280.3	" 8%	"
76	280.3 - 282.6	" 10%	"

282.6 - 383.8 Intermediate volcanic(?) homogeneous, med gry/grn, fgr-aphanitic, carb.  
 throughout, occ. diss magnetite. Rock exhibits a beige to bluish  
 speckling throughout due to carb and distinctive blue qtz grains. Fol  
 weakly dev. locally 80-90<sup>0</sup> c.a. Occ. qtz/carb veinlets varying from 45  
 to 80<sup>0</sup> c.a., some incipient stockworks. 367.7-373 lt gry, med gr. zone,  
 gradational contacts, contains qtz/carb veins, 40<sup>0</sup> c.a. Lower contact  
 of this unit fractured, 75<sup>0</sup> c.a.

Samples			
# 77	282.6 - 285	tr py	tr
78	299.8 - 302.5	"	"
79	302.5 - 304.7	"	"

282.6 - 383.8 Intermediate volcanic (cont'd)			<u>Au oz/ton</u>
Samples			
# 80	314.2 - 314.6	tr py	tr
81	314.6 - 317.9	"	"
82	317.9 - 319.8	"	"
83	319.8 - 322.6	"	"
84	330.9 - 331.8	" , cpy	"
85	331.8 - 333.4	"	"
86	333.4 - 334.1	" , cpy	"
87	371.2 - 372	"	"
88	383.1 - 383.8	no sulph.	"
383.8 - 384.5 Mylonite Zone. lt to med gry/grn; beige aphanitic wisps and bands of sericite cut through and wrap around fragments of the previous unit. Fol 75 <sup>0</sup> c.a.			
Sample			
# 89	383.8 - 384.5	no sulph.	tr
384.5 - 402.2 Intermediate volcanic(?) as previous. carb & blue qtz filled amygdaloids scattered irregularly through unit - sugg of pillow margins. Fol weak 80 <sup>0</sup> c.a.			
Samples			
# 90	384.5 - 385.6	tr py	tr
91	401 - 402.2	"	"
402.2 - 404.6 Mylonite Zone, dk gry to black, lam, fol 60-90 <sup>0</sup> c.a. carb rich, wisps and streaks of py po throughout, traces of cpy. upper contact 90 <sup>0</sup> c.a., lower 60 <sup>0</sup> c.a.			
Sample			
# 92	402.2 - 404.6	py po 6-8%, tr cpy	.01
404.6 - 428 Intermediate volc.(?) med gry, vfgr, homogeneous, carbonatized, characterized throughout by randomly oriented qtz/carb gash veins about 1" length forming 5-10% of the total rock.			
Samples			
# 93	404.6 - 406	tr py	.005
94	406 - 408.6	"	.005
95	408.6 - 412.2	"	.01
96	412.2 - 415	"	.005
97	415 - 417	"	.01
428	E.O.H.		

Company: Golden Tiger Mining Expl. Ltd.  
 Loc. Lac Winchester Project, Fancamp Twp.  
 Collar: BL3 0 47W, 0 61N. Claim 412372-3  
 Incl.&brg: 45° to 172°az.  
 El: 20' (relative to 84-1)  
 Total Depth: 417'  
 Drilled by: Les Forages Cadieux, Rouyn  
 Started: Dec. 11, 1984 PM  
 Finished: Dec. 15 1984 PM  
 Logged by: P.H.Smith  
 Core Location: as 84-1  
 Casing: pulled ( ), left in (X)

Hole# 84-3  
 Pages: 5  
 Core Size: BQ

Acid Tests:  
 225' 37° corr.

Footage Description  
 from-to

0-18	Casing		
18-85.6	Blocky tuff, basic, med gry/grn, frag angular, flat, to 1" length, all of med grn, aph volc. Frags all margined by lt gry carb. Few frags lt gry felsic material. Po, minor py occur throughout in streaks, mainly in the interstitial carb, but also within indiv. frags. Overall sulph content 1-2%. Weakly diss fine grained magnetite 1-2% lower 20' of section. Bd 90° c.a. Few irreg patches carb/wh. qtz x-cutting bd. Occ thin veinlets blue qtz // bd.		
	Samples:		<u>Au oz/ton</u>
	# from-to		
	98 18-24 po/py 1-2%		tr
	99 24-28 " "		"
	100 28-32 " "		tr
	101 32-36 " 2-3%		"
	102 36-39.9 " "		"
	103 39.9-43.6" "		"
	104 43.6-44.7" " qtz/carb v.		"
	105 44.7-47.2" "		"
	106 47.2-47.7" 8-10%		"
	107 47.7-51.3" 3-4% qtz/carb v		"
	108 51.3-54.7" "		.01
	109 54.7-58.6" 4-5%		tr
	110 58.6-62.4" 1-2%		"
	111 62.4-66 " "		"
	112 66-71 " "		"
	113 71-74.8 " "		nil
	114 74.8-79.7" "		"
	115 79.7-83.6" "		"
	116 83.6-85.6" 2-3%		tr
85.6-109.2	Blocky tuff, felsic/basic, similar to above except for an abundance of magnetite speckled, lt gry felsic frags comprising perhaps 30% of the rock in a basic matrix. Frag sizes flat less than 1", but occ. frags to 4" thick. Contacts 90° c.a. and marked at first appearance of felsic frags. Po, minor py throughout; rare qtz/carb patch.		
	Samples:		

## 85.6-109.2 cont'd

Samples:				Au oz/ton
#	from-to			
117	85.6-90.2	po/py	1-2%	tr
118	90.2-95.2	"	"	"
119	95.2-96.8	"	6-8%	nil
120	96.8-101.6	"	1-2%	"
121	101.6-103.7	"	2-3%	"
122	103.7-105.6	"	3-4%	"
123	105.6-109.2	"	2-3%	"

109.2-130.5 Blocky tuff, basic, med gry/grn, frag not well defined, felsic frag notably absent. blue & wh qtz v common, some small stkwks. wh carb often present in v. Traces of mag. upper & lower cont. sharp, 90° c.a. po, minor py streaks throughout.

## Samples:

#	from-to			
124	109.2-112	po/py	2-3%	nil
125	112-115.5	"	"	"
126	115.5-118.4	"	"	"
127	118.4-118.7	"	25%	.01
128	118.7-122.7	"	2-3%	nil
129	122.7-127.3	"	"	"
130	127.3-130.5	"	3-4%	tr

130.5-155.4 Blocky tuff, felsic/basic, as prev. felsic frag 30% of rock, f.g. mag diss throughout, particularly conc. in felsic frag as prev. noted. Mag content 8-10%. Mag isloc. repl. by py. Bd 85° c.a.

## Samples:

#	from-to			
131	130.5-133.8	po/py	4-5%	tr
132	133.8-138.2	"	6-7%	"
133	138.2-143.1	"	2-3%	.005
134	143.1-147	"	"	nil
135	147-151.8	"	"	"
136	151.8-155.4	"	4-5%	tr

155.4-166.1 Tuff, med gry/grn, vfg, mass, few py/po rich streaks. Po greater than py. occ carb/qtz v, one fracture 10° c.a. (NE?) cont f.g. py & exhibits narrow bleached zone either side. No mag.

## Samples

#	from-to			
137	155.4-157.7	po/py	2-3%	nil
138	157.7-161.4	"	1-2%	tr
139	161.4-162.5	"	"	plus py in fract zone (above) nil
140	162.5-166.1	"	"	nil

166.1-239.1 Blocky tuff, felsic/basic, as above. 0.2" wide zone 10% sph in streaks @206' heavy sulph from 215', mainly po interstitial to felsic frag. Bottom 0.5' of sect heavy, v.f.g. diss po. Bd 90° c.a. Lower contact sharp, 90° c.a.

## Samples

#	from-to			
10629	166.1-169.7	po/py	1-2%	tr
10630	169.7-172.5	"	"	"
10631	172.5-175.4	"	"	"
10632	175.4-177.3	"	"	"
10633	177.3-178.1	"	2-3% (incl. 1" qtz/carb v 45° ca, no py)	t
10634	178.1-181.8	"	"	tr
10635	181.8-185.9	"	1-2%	"
141	185.9-188.9	"	5-6%	"



## 261.2-273.9 cont'd

Samples #	from-to			<u>Au oz/ton</u>
10592	261.2-264.7	po/py	4-5%	tr
10593	264.7-267.7	"	8-10%	nil
10594	267.7-270.6	"	3-4%	tr
10595	270.6-272.1	"	"	"
10596	272.1-272.5	"	14-16%	"
10597	272.5-273.9	"	2-3%	"

273.9-282.3 Gabbro(?), med gry/grn, carbonatized, fine grained, becoming coarser downsection. irreg 2" 'xenolith' of prev unit (IF) encl. near upper contact.

Samples #	from-to			
10598	273.9-278.3	tr py		tr
10599	278.3-282.3	"		nil

282.3-306.8 Pyroxenite, med gry/grn, v. c'se gr. gradational contacts with prev. Qtz/carb patches & stkwks throughout. Rock completely carbonatized - cont fresh, well dev carb xtals in a green actinolite (?) matrix with some interstitial quartz, mainly grey but occ bluish. Py weakly diss throughout approx 1% of rock.

Samples #	from-to			
10600	282.3-283.7	py 1%		tr
10601	283.7-288.7	"		"
10602	288.7-291.8	"		"
10603	291.8-296	"		nil
10604	296-299.8	"		tr
10605	299.8-302.8	"		"
10606	302.8-306.8	"		nil

306.8-311 Gabbro(?), med gry/grn, fg, gradational with units above & below, carbonatized, tr py, occ qtz v.

Sample #	from-to			
10607	306.8-311	tr py		nil

311-314 Pyroxenite, carb as prev., lower contact sharp, 55° ca.

Sample #	from-to			
10608	311-314			nil

314-319.8 Int volc (?), lt gry, vfg, cut by qtz/carb v & patches. Strong dev of fuchsite noted in one 1" qtz/carb v @60° ca

Samples #	from-to			
10609	314-315.3	tr py		nil
10610	315.3-315.6	fuschtic v, no sulph.		tr
10611	315.6-319.	tr py		"

319.8-348.8 Granophyre(?), med-dk gry, c'se gr, cumulate textured rock, carbonatized, dk gry qtz interstitial to carb feldsp. Qtz 15-20%. upper contact gradational, lower contact sharp, 55° ca. Patches & v of gry to wh qtz throughout. Diss py in cubes? streaks common in upper part of section.

Samples #	from-to			
10612	no sample			

166.1-239.1 cont'd.

Samples		<u>Au oz/ton</u>		
#	from-to			
142	188.9-191.4	po/py	5-6%	tr
143	191.4-194.1	"	4-5%	.005
144	194.1-195.5	"	1-2% (wh qtz v. 45° ca)	.005
145	195.5-199.1	"	3-4%	.005
146	199.1-202.5	"	1-2%	nil
147	202.5-206	"	2-3%	tr
148	206-206.2	py/po, sph; py/po	4-5%; sph 10%	Au .01 Ag .02 %Zn 3.15
149	206.2-210.8	po/py	2-3%	.005
150	210.8-214.8	"	4-5%	tr
10576	214.8-217.3	"	10-12%	"
10577	217.3-218.5	"	14-16%	"
10578	218.5-222.5	"	4-5%	"
10579	222.5-226.8	"	8-10%	"
10580	226.8-229	"	4-5%	"
10581	229-232.2	"	7-8%	"
10582	232.2-233.5	"	15-20%	nil
10583	233.5-235.7	"	6-8%	"
10584	235.7-238.5	"	4-6%	tr
10585	238.5-239.1	"	"	nil

239.1-247 Quartzite, med gry, aphanitic, graphitic fract planes 90° ca locally, but rock is cut by well dev. fract cleavage 45° ca. Py & po diss in this cleavage, increasing downsection. Lower contact sharp, 50° ca.

Samples

#	from-to			
10586	239.1-243.1	po/py	4-6%	nil
10587	243.1-247	"	6-8%	"

247-250.5 similar to previous except much more graphitic and po rich. Fol 20-40° ca. Rock is strongly sheared.

Sample

#	from-to			
10588	247-250.5	po	10%	nil

250.5-251.7 sheared carb gabbro(?). c'se wh carb grains in a chloritic matrix. fol 40° ca

Sample

#	from-to			
10589	250.5-251.7	tr py		nil

251.7-257.3 as 247-250.5. Approx 2' of core ground in this interval.

Sample

#	from-to			
10590	251.7-257.3	po/py	6-8%	nil

257.3-261.2 Int. volc.(?), med gry/grn, wh speckled, vfg, mass, carbonatized, occ diss py. lower contact sharp, 30° ca.

Sample

#	from-to			
10591	257.3-261.2	po/py	tr	nil

261.2-273.9 Chert/mag IF, dk grey, sil, vfg, streaks of po, py throughout. occ lt gry chert bands, typically discontinuous, rock is gen mass, one 1" laminated zone cont 30% py/po & chert. Bd variable, 45° ca upper part of sect, 80° ca lower part. lower contact 70° ca.

319.8-348.8 cont'd

Samples		<u>Au oz/ton</u>			
#	from-to				
10613	319.8-322.4	py	3-4%		tr
10614	322.4-324.8	"	4-6%		.005
10615	324.8-327.9	"	"		tr
10616	327.9-331.4	"	2-3%		"
10617	331.4-333.9	"	1-2%		"
10618	333.9-337.6	tr	py		"
10619	337.6-341.2	"	3-4%		"
10620	341.2-343.2	"	1-2%	qtz v common	tr
10621	343.2-346.3	"	"	"	"
10622	346.2-348.8	"	"	"	"

348.8-355.3 Chert, lt gry, banded to mass., strongly fract. Banding 60-70° ca. Wh carb xtals scattered throughout. Both contacts sharp, 45° ca.  
Samples:

#	from-to			
10623	348.8-353	py	1%	tr
10624	353-355.3	"	"	"

355.3-391.6 Acid volc(?) med gry, vfg, vfg sericite scattered throughout, irreg walled dk gry qtz v to ½" here & there. Rock locally resembles the 'granophyre' but much finer grained.

Sample #	from-to			
10625	355.3-358.7	tr	py	tr

391.6-396.4 Int-acid tuff(?), massive, med gry, lt gry lapilli in lower third of section. lower contact gradational, 45° ca

396.4-415.6 Acid volc(?) med-lt gry, vfg. thin stringers & patches of dk gry qtz throughout. attitudes of stringers variable, 70° to 20° ca.

Sample #	from-to				
10626	410.9-412	no sulph,	few dk gry qtz stringers		tr
10627	412-415.6	"	"	"	"

415.6-417 above unit darkens, becomes more siliceous. dk gry qtz v at base. tr py.

Sample #	from-to			
10628	415.6-417	tr	py	tr

417 E.O.H.

Company: Golden Tiger Mining Expl. Ltd.  
 Loc. Lac Winchester Project, Rasles Township  
 Collar: BL#5, L0 00, 0 26N. Claim 412330-2  
 Incl.&brg: 45° to 170 az.  
 El:

Hole#84-4  
 Pages: 3  
 Core Size:BQ  
 Acid Tests:  
 458.5' 55° corr.

Total depth:458.5'  
 Drilled by: Les Forages Cadieux, Rouyn  
 Started: Dec. 18, 1984 AM. halted Dec 21 @ 121.5', started again Dec. 26  
 Finished: Dec. 28, 1984  
 Logged by: P.H.Smith & Suzanne Otis  
 Core Loc: as 84-1  
 Casing: pulled ( ), left in (X)

Footage from-to	Description				
0-79	Casing				
79-92.4	Lapilli tuff, intermediate, med to lt gry, mottled, carbonatized throughout. Bd 80° ca. 87.3-88.1 complex carb/qtz v @ 45-60° ca, containing streaks & patches of chlorite & fine black tour. Py in fine cubes nr v margin-2%. lower contact sharp, 90° ca.				
	Samples		<u>Au oz/ton</u>	<u>Ag oz/ton</u>	
	#	from-to			
	10636	79-82.7	tr py	.02	.02
	10637	82.7-87.3	"	.02	.01
	10638	87.3-88.1	py 2%	.02	.01
	10639	88.1-92.4	tr py	.02	.02
92.4-107.1	Lapilli tuff, basic, med/dk gry/grn, mottled, carbonatized throughout. Bd 75-80° ca. tr py				
	Samples				
	#	from-to			
	10640	92.4-97.1	tr py	.02	.04
	10641	97.1-101.8	"	.01	.01
	10642	101.8-104.7	"	nil	.03
	10643	104.7-107.1	"	tr	.01
107.1-113	Blocky tuff, basic matrix, subord. lt gry felsic frag to 1" width, 'floating' in matrix - comprise about 5% of rock. Rock carb throughout. lower contact sharp, 75° ca.				
	Samples				
	#	from-to			
	10644	107.1-110.8	tr py	tr	.01
	10645	110.8-113	"	"	.02
113-115	Tuff, basic, dk gry/grn, vfg, carbonatized, bd 80° ca. Fine py cubes diss throughout 1-2%.				
	Sample				
	#	from-to			
	10646	113-115	py 1-2%	tr	.03
115-119.2	Blocky tuff, int to acid, med-lt gry; lt gry frag 'floating' in fg matrix. Carb throughout. Tr py, cpy				
	Samples				
	#	from-to			
	10647	115-117	tr py	tr	.02 .004%Cu
	10648	117-119.2	"		

Sample #	Interval	Tr py	Au oz/ton	Ag oz/ton
119.2 - 121.5 Tuff, acid, lt gry, finely lam @ 55 <sup>o</sup> c.a. totally carb. contact with prev unit sharp, 85 <sup>o</sup> c.a. Rock could be described as qtz/carb/sericite schist.				
# 10649	119.2 - 121.5	tr py	nil	ND
121.5 - 124.7 Blocky tuff, int to acid, same as 115-119.2. 15-20% rhy frag to 2". sericitized in dacitic matrix. Chlorite surrounds the frag. 1% chlor. 'fusiforme' frag 2-3mm. Carb throughout. Lower contact sharp but ground.				
# 10670	121.5 - 124.7	tr py	nil	ND
124.7 - 136.7 Tuff, int to acid, lt gry, bd 80 <sup>o</sup> c.a. les than 2% chlor frag 1/8 to 1/4" 'fusiforme'. Tr rhy frag 1/2 to 2". Lower contact sharp 80 <sup>o</sup> c.a.				
# 10671	124.7 - 129.7	tr py	nil	.14
136.7 - 145.5 Tuff, mafic, dk gry, interbedded with small bds 2-3" wide of rhy xtal tuff 15% qtz eyes and 10% feldsp phenocysts. Bd 70-85 <sup>o</sup> c.a. Also interbd with two bds black shale, 8" and 6" thick. Carb throughout lower contact sharp but ground.				
145.5 - 197.8 Qtz eyes tuff, int to acid, lt gry, fine lam bd. 85 <sup>o</sup> c.a.; 10-20% qtz eyes 1-2mm, Interbedded with thin bds of rhy tuff. 145.5-146 ground core, 164,176.4,177.8, 1/2" violet coloured qtz veins @ 80 <sup>o</sup> c.a. 176-178' rock highly sericitized.				
Samples				
# 10672	158.5 - 163.5	no sulph.	nil	.02
10673	163.5 - 164.5	q.v.	"	.01
10674	164.5 - 169.5	no sulph	tr	.03
10675	171 - 176	"	nil	.01
10951	176 - 178	q.v.	"	ND
10952	178 - 183	ser. zone	"	ND
10953	192.8 - 197.8	no sulph.	"	ND
197.8 - 206 Tuff, int to acid, highly sericitized, lt gry with yellowish tint, fine lam bd 80-85 <sup>o</sup> c.a. Lower contact sharp 80 <sup>o</sup> c.a.				
Samples				
# 10954	197.8 - 201	alt. zone	nil	.02
10955	201 - 206	"	"	.01
206 - 208 Chert rhyolite, lt gry well bd, with few (less than 5% of section) and narrow black shale beds near the lower contact. Bd 75-80 <sup>o</sup> c.a. Lower contact sharp 80 <sup>o</sup> c.a.				
Sample				
# 10956	206 - 208		nil	.01
208 - 247 Qtz eyes tuff, int to acid, med gry, thinbedded, 80 <sup>o</sup> c.a. and 1/8-1" thick. 15-20% qtz eyes 1mm, 2% black shale beds 1/8-1" thick. 211-249 10-15% leucoxene. 230-230.3 violet coloured carb/qtz v.				
Samples				
# 10957	208-213	leucox, blue qtz v.	nil	.02
10958	224 - 229	" "	"	.01
10959	229 - 234	" "	"	.01
10960	234 - 239	" "	"	.01

247 - 276.6	Tuff, int. dk to med gry with yellowish tint. highly sericitized, well bedded 80-85 <sup>o</sup> c.a., interbd with qtz eye tuff int to acid. 1-2% frg of both units 1/2-1 1/2" thick. 2% violet qtz fracture fillings and patches.			
Samples				
# 10961	255-260	tr py, violet qtz 2%	<u>Au oz/ton</u>	<u>Ag oz/ton</u>
	10962	violet q.v. 2" wide	nil	.02
			"	.02
276.6 - 387	Qtz eye Tuff, int to acid, med gry, thinly bedded 80 <sup>o</sup> c.a. 20% qtz eyes 1-3mm, (same unit as 208-247) tr of black shale, 1% patches of violet qtz. 290-299 5% leucoxene. 342.5-387 ser. zone, yellowish tint.			
Samples				
# 10963	280 - 285	tr cpy	nil	.01 .004%Cu
	10964	no sulph	tr	.01
	10965	tr py	nil	ND
	10966	pypo 1-3%	"	ND .002%Co
	10967	sil, py 1%	"	ND .003%Cu
	10968	tr pypo	"	.02 .002%Co
	10969	no sulph	"	ND .002%Cu
	10970	sil pypo 1%	"	.01 .002%Co
	10971	pypo 3-5%	"	ND .003%Co
	10972	no sulph	nil	.01
	10973	alt zone, tr py	"	.03
	10974	" "	"	.02
	10975	" "	"	.02
	101	py 2-5%, po 1%	"	ND .005%Co
	102	no sulph	"	.01 .003%Co
	103	py 1%, po 10%	"	.01 .002%Co
387 - 390	Blocky tuff matrix int., med gry, qtz eyes 1mm 5%, 25% of frag int to acid, lt gry 1/2-6" thick with 20% qtz eyes 1-2mm.			
Sample				
# 104	387 - 392	py 1%, po 10%	.01	.02 .003%Co
390 - 439.1	Qtz eye Tuff, same as 276.6-387, 400-403.6 same unit but gradually becoming rhyolitic in comp. 409-418 15% leucoxene.			
Sample				
# 105	392 - 397	no sulph.	.01	.02 .003%Co
439.1 - 458.5	Qtz eye Tuff, int, med gry, 10-15% qtz eyes 1mm. 438.5-439.5 5% py in streaks, 440-440.6 qtz vein black to violet, brecciated contacts.			
Samples				
# 106	433 - 438	no sulph.	.01	.02 .004%Cu
	107	tr py	.02	ND .003%Cu
	108	no sulph.	.005	.01 .004%Cu
458.5	E.O.H.			



# ASSAYERS LIMITED

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

## CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

facture # 16602

sondages

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
68353	1	Trace	Gold Checks					
4	2	Trace	Trace, Trace					
5	3	Trace						
6	4	Trace						
7	5	Trace						
8	6	Trace						
9	7	Nil						
68360	8	Trace						
1	9	Trace						
2	10	Nil						
3	11	Trace						
4	12	Trace						
5	13	Nil	Nil, Nil					
6	14	Nil						
7	15	Nil						
8	16	Trace						
9	17	Trace						
68370	18	Nil						
1	19	Nil						
68372	20	Nil						

*Chapman*  
*Hole #1*

Ministère de l'Énergie et des Ressources  
Service de la Géoinformation

Date: 7 MARS 1988

No. G.M.: 42628

DATE

Dec. 11, 1984

CERTIFIED CORRECT

*[Signature]*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU PROCÉDÉ D'ANALYSE





**ASSAYERS LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

### CERTIFICATE OF ANALYSIS

FOR **Golden Tiger Mining Explortion**

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
68373	21	Trace						
4	22	Nil						
68375	23	Nil						

DATE Dec. 11, 1984

CERTIFIED CORRECT [Signature]

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS. SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU PROCEDE D'ANALYSE.







**ASSAYERS LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

**CERTIFICATE OF ANALYSIS**

FOR Golden Tiger Mining Exploration

facture # 16682

sondages

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
71813	24	Trace	Gold Checks			Hole # 1		
4	25	0.02						
5	26	Trace						
6	27	Trace	Trace, Trace					
7	28	Trace						
8	29	Trace						
9	30	Trace						
71820	31	0.005						
1	32	Trace				Hole # 1		
2	33	Trace				Hole # 2		
3	34	Trace						
4	35	Trace						
5	36	Trace						
6	37	0.005						
7	38	0.005	0.005, 0.005					
8	39	Trace						
9	40	Trace						
71830	41	Trace						
1	42	Trace						
71832	43	Trace						

DATE Dec. 20, 1984

CERTIFIED CORRECT

*M. Shaw*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

**CERTIFICATE OF ANALYSIS**

FOR Golden Tiger Mining Exploration

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
71833	44	Trace	Gold Checks			Hole 2 ↓		
4	45	Trace						
5	46	Trace						
6	47	Trace						
7	48	Trace						
8	49	Trace	Trace, Trace					
9	50	Trace						
71840	51	0.01						
1	52	Trace						
2	53	Trace						
3	54	Trace						
4	55	Trace						
5	56	Trace						
6	57	Trace						
7	58	Trace						
8	59	Trace						
9	60	Trace	Trace, Trace					
71850	61	Trace						
1	62	Trace						
71852	63	Trace						

DATE Dec. 20, 1984

CERTIFIED CORRECT

*W. Shaw*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

### CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
71853	64	Trace	Gold Checks			<i>Hole 2</i>		
4	65	Trace						
5	66	Trace						
6	67	0.005						
7	68	0.005						
8	69	0.005						
9	70	Trace						
71860	71	0.005	0.005, Trace					
1	72	Trace						
2	73	Trace						
3	74	Trace						
4	75	Trace						
5	76	Trace						
6	77	Trace						
7	78	Trace						
8	79	Trace						
9	80	Trace						
71870	81	Trace						
1	82	Trace	Trace, Trace					
71872	83	Trace						

DATE Dec. 20, 1984

CERTIFIED CORRECT

*[Signature]*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS  
LIMITED**

QUÉBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

## CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
71873	84	Trace	Gold Checks			Hole 2		
4	85	Trace						
5	86	Trace						
6	87	Trace						
7	88	Trace						
8	89	Trace						
9	90	Trace						
71880	91	Trace						
1	92	0.01						
2	93	0.005	0.005, Trace					
3	94	0.005						
4	95	0.01						
5	96	0.005						
71886	97	0.01				Hole 2		
72347	98	Trace				Hole 3		
8	99	Trace	Trace, Trace					
9	100	Trace						
72350	101	Trace						
1	102	Trace						
72352	105	Trace						

DATE

Dec. 20, 1984

CERTIFIED CORRECT

*W. Shaw*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

**CERTIFICATE OF ANALYSIS**

FOR Golden Tiger Mining Exploration

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
72353	108	0.01	Gold checks					Hole 3
4	127	0.01						↓
5	131	Trace						
6	133	0.005						
7	136	Trace						
8	138	Trace						
9	141	Trace	Trace, Trace					
72360	142	Trace						
1	143	0.005						
2	144	0.005						
3	145	0.005						
4	146	Nil						
5	147	Trace						
6	148	0.01	<del>0.02</del>	<del>3.15</del>				
7	149	0.005	0.02	<del>0.029</del>	3.15			
72368	150	Trace	.001		0.029			

DATE Dec. 20, 1984

CERTIFIED CORRECT

*Handwritten signature*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS. SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU



Parture # 16688  
Sandryes



**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

**CERTIFICATE OF ANALYSIS**

FOR **Golden Tiger Mining Exploration**

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
7236X 7	149 <del>148</del>		0.02		3.15		Hole #3	
7236X 8	150 <del>149</del>		0.01		0.029		"	

DATE Dec. 20, 1984

CERTIFIED CORRECT *[Signature]*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPEN-





# ASSAYERS LIMITED

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

## CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

Picture # 16702

*Chebourgeman*  
~~Hole # 203~~

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
72369	10577	Trace	Gold Checks			Hole # 3		
72370	10579	Trace	Trace, Nil					
1	10580	Trace						
2	1	Trace						
3	2	Nil						
4	3	Nil						
5	4	Trace						
6	5	Nil						
7	6	Nil						
8	7	Nil						
9	8	Nil						
72380	9	Nil						
1	10590	Nil	Nil, Nil					
2	10591	Nil						
3	10593	Nil						
4	4	Trace						
5	5	Trace						
6	6	Trace						
7	10597	Trace						
72388	10599	Nil						

DATE

Dec. 21, 1984

CERTIFIED CORRECT

*W. Shaw*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU PROCÉDÉ D'ANALYSE





# ASSAYERS LIMITED

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

## CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
72389	10600	Trace	Gold Checks			Hole # 3 ↓		
72390	1	Trace						
1	10602	Trace						
2	10604	Trace	Trace, Trace					
3	5	Trace						
4	6	Nil						
5	7	Nil						
6	8	Nil						
7	10609	Nil						
8	10614	0.005						
9	10615	Trace						
72400	10621	Trace						
72401	10624	Trace						

DATE

Dec. 21, 1984

CERTIFIED CORRECT

*[Handwritten Signature]*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU PROCES D'ANALYSE.







# ASSAYERS LIMITED

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

## CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

fracture # 16722

sondages

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
73397	103	Trace	Gold Checks			Hole 3 ↓		
8	104	Trace						
9	106	Trace						
73400	107	Trace	Trace, Trace					
1	109	Trace						
2	110	Trace						
3	111	Trace						
4	112	Trace						
5	113	Nil						
6	114	Nil						
7	115	Nil						
8	116	Trace						
9	117	Trace						
73410	118	Trace						
1	119	Nil	Nil, Nil					
2	120	Nil						
3	121	Nil						
4	122	Nil						
5	123	Nil						
73416	124	Nil						

DATE Dec. 27, 1984

CERTIFIED CORRECT

*W. Shaw*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

### CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
73417	125	Nil	Gold Checks			Hole	#	3
8	126	Nil						
9	128	Nil						
73420	129	Nil						
1	130	Trace						
2	132	Trace	Trace, Nil					
3	134	Nil						
4	135	Nil						
5	137	Nil						
6	139	Nil						
7	140	Nil						
8	10603	Nil				Hole	#	3
9	10610	Trace						
73430	10611	Trace						
1	10613	Trace						
2	10616	Trace						
3	10617	Trace	Trace, Trace					
4	10618	Trace						
5	10619	Trace						
73436	10620	Trace						

DATE

Dec. 27, 1984

CERTIFIED CORRECT

*[Signature]*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





# ASSAYERS LIMITED

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

## CERTIFICATE OF ANALYSIS

FOR Golden Tiger Mining Exploration

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
73437	10622	Trace	Gold Checks			Hole 3 ↓		
8	10623	Trace						
9	10625	Trace						
73440	6	Trace						
1	7	Trace						
2	8	Trace						
3	9	Trace						
4	10630	Trace	Trace, Trace					
5	1	Trace						
6	2	Trace						
7	3	Trace						
8	4	Trace						
9	10635	Trace						
73450	10576	Trace						
1	10578	Trace						
2	10592	Trace						
73453	10598	Trace						

DATE Dec. 27, 1984

CERTIFIED CORRECT

*Handwritten signature: h. Shaw*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

**CERTIFICATE OF ANALYSIS**

FOR Golden Tiger Mining Exploration

*Chibougamou*  
**Hole 4** fracture # 16850  
 sondage # 4

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %	Cobalt %		
2144	101	Nil	N.D.			0.005		
5	2	Nil	0.01			0.003		
6	3	Nil	0.01			0.002		
7	4	0.01	0.02			0.003		
8	5	0.01	0.02			0.003		
9	6	0.01	0.02	0.004				
2150	7	0.02	N.D.	0.003				
1	108	0.005	0.01	0.004				
2	10636	0.02	0.02					
3	7	0.02	0.01				18' } 79' - 82.7 82.7 - 87.3 87.3 - 88.1 88.1 - 92.4 92.4 - 97.1	
4	8	0.02	0.01					
5	9	0.02	0.02					
6	10640	0.02	0.04					
7	1	0.01	0.01					
8	2	Nil	0.03					
9	3	Trace	0.01					
2160	4	Trace	0.01					
1	5	Trace	0.02					
2	6	Trace	0.03					
2163	10647	Trace	0.02	0.004				

DATE

Jan. 22, 1985

CERTIFIED CORRECT

*[Signature]*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
 SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

**CERTIFICATE OF ANALYSIS**

FOR Golden Tiger Mining Exploration

*Chibougamau*  
*Hole 4*

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
2164	10648	Trace	0.02	0.004				
5	10649	Nil	N.D.					
6	10670	Nil	N.D.					
7	1	Nil	0.14					
8	2	Nil	0.02					
9	3	Nil	0.01					
2170	4	Trace	0.03					
1	10675	Nil	0.01					
2	10951	Nil	N.D.					
3	2	Nil	N.D.					
4	3	Nil	N.D.					
5	4	Nil	0.02					
6	5	Nil	0.01					
7	6	Nil	0.01					
8	7	Nil	0.02					
9	8	Nil	0.01					
2180	9	Nil	0.01					
1	10960	Nil	0.01					
2	1	Nil	0.02					
2183	10962	Nil	0.02					

DATE

Jan. 22, 1985

CERTIFIED CORRECT

*J. Scherker*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU





**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

**CERTIFICATE OF ANALYSIS**

FOR Golden Tiger Mining Exploration

*Chibougamou  
Hole 4*

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %	Cobalt %		
2184	10963	Nil	0.01	0.004				
5	4	Trace	0.01					
6	5	Nil	N.D.					
7	6	Nil	N.D.			0.002		
8	7	Nil	N.D.	0.003				
9	8	Nil	0.02			0.002		
2190	9	Nil	N.D.	0.002				
1	10970	Nil	0.01			0.002		
2	1	Nil	N.D.			0.003		
3	2	Nil	0.01					
4	3	Nil	0.03					
5	4	Nil	0.02					
2196	10975	Nil	0.02					

DATE

Jan. 22, 1985

CERTIFIED CORRECT

*[Signature]*

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES ET GAINS QUI SONT INHERENTS AU

