N.T.S. 31C/11

## **REPORT ON PROSPECTING AND ROCK SAMPLING ON THE BLACK RIVER PROPERTY GRIMSTHORPE TOWNSHIP, ONTARIO**

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Jan. 25, 2003



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## REPORT ON PROSPECTING AND ROCK SAMPLING BLACK RIVER PROPERTY GRIMSTHORPE TOWNSHIP, ONTARIO

#### I. INTRODUCTION

#### Scope

This report summarizes the results of additional prospecting and rock sampling on the Black River Property in Grimsthorpe Township, Ontario. The program was generated to explore in the vicinity to several gold bearing boulders of quartz found during a heavy mineral survey in 1999. During the survey, rock samples were also collected from the Christie Zone and the Black River North Zone in an attempt to test the gold distribution of the occurrences. Rock samples from the occurrences were also analyzed using a 35 element induced coupla scan.

Results of this survey are compiled on a 1:2,500 scale map included with this report.

#### **Location and Access**

The Black River Property is situated in the central region of Grimsthorpe Township in the Southern Ontario Mining Division (Figure 1.).

There is good road access to the property (Figure 2). Starting at the town of Gilmour, located on Highway 62 north on Madoc, access can be made by traveling northeast on the paved Wadsworth Lake Road for a distance of 4.7 kilometres to the intersection with the Scootamatta Lake Access Road. Traveling south, the intersection of the Lingham Lake Access Road is located 1.2 kilometres past the hydro transmission line. The Lingham Lake Road crosses the property 1.3 kilometres south of the intersection.

The property is covered by 1:50,000 scale topographic map 31C/11.

#### **Claim Logistics and Ownership**

The Black River Property encompasses six units by three contiguous unpatented mining claims (Figure 3). Table 1 summarizes the property.

The four claims comprising the Black River Property are equally owned by Robert Dillman of 8901 Reily Drive, Mount Brydges, Ontario and Jim Chard of 171 Ledge Road, Marmora, Ontario.

#### **Survey Dates and Personnel**

Prospecting and rock samples were collected on the Black River Property between November 12, 2002 and November 13, 2002. A total of two days were devoted to prospecting and rock sampling.

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FIGURE 1. PROPERTY LOCATION MAP CANADA BLACK RIVER PROPERTY



SCALE 1:1 500 000

# FIGURE 2. PROPERTY LOCATION MAP SOUTHERN ONTARIO BLACK RIVER PROPERTY



## TABLE 1. CLAIM LOGISTICS BLACK RIVER PROPERTY GRIMSTHORPE TWP., ONTARIO

CLAIM	LOCATION	No. of	Recording
<u>No.</u>		UNITS	DATES
1076804	Lot's 20 & 21, Concession XVI South ½	2 units	March 8, 1996
1076805	Lot's 19 & 20, Concession XV North ½	2 units	March 8, 1996
1076806	Lot 18, Concession XV	2 units	March 8, 1996
1077084	Lot's 18 & 19, Concession XVI South1/2	<u>2 units</u>	April 11, 2001

8 units

#### Total Area: 160 hectares

Claim Ownership:	R. Dillman	50%
_	8901 Reily Drive	
	Mount Brydges, Ontario	
	J. Chard	50%
	RR#1	
	Havelock, Ontario	

The survey was completed by property owners: Jim Chard and Robert Dillman (author). They were accompanied on November 13, 2003 by Gordon Henriksen of 14 Des Erables, Masham-La Peche, Quebec.

## Physiography

The Black River Property is crosscut by a chain of interconnecting north-northwest trending streams and ponds, the largest of which is the Black River. Drainage of the Black River and feeder streams is variable, ranging poor to good as it is controlled by elevation changes and some damming by beavers.

The property is characterized by moderate topography with up to 15% bedrock exposure. Maximum relief is approximately 25 metres. Greatest elevation changes occur east of the Black River where a significant outcrop ridge runs parallel to the river. West of the river, regions are characterized by gently rolling ridges also orientated parallel to the river.

Most of the property is covered by mixed hardwood forest. Maple, birch and poplar are the dominant tree types, with minor balsam, fir, hemlock, cedar and isolated stands of white pine.

Overburden consists primarily of ground moraine deposits of unconsolidated till material occurring as a thin to moderate cover over most of the property. Till was deposited in the Pleistocene by an ice sheet moving essentially north to south during an event associated with the Wisconsin Glaciation. These deposits are primarily gravelly to sandy loam with numerous locally derived pebbles and boulders. Glacial outwash deposits have accumulated north of the property. These deposits consist of well-sorted fine to coarse sandy deposits and coarse sand to cobble deposits showing excellent bedding. Recent deposits of coarse material have accumulated along the Black River flood plain.

### **Previous Work**

Grimsthorpe Township was mapped by V. B. Meen of the Ontario Department of Mines in the 1940's (Meen, 1942). The area was mapped by R. M. Easton of the Ontario Geological Survey in 1990 (Easton and Ford, 1990). Prior to 1991, there is no record of any mineral exploration in this area of Grimsthorpe Township.

In 1991, R. Dillman prospected and staked claims along the Black River to cover several gold discoveries. Following staking, geological and geophysical surveys consisting of magnetometer and VLF-electromagnetic surveys were preformed over portions of the property.

In 1992, after a property examination by Homestake Minerals, several claims were staked extending the property towards the north along the Black River. Soil sampling, trenching and additional geological and geophysical surveys were preformed throughout the year. Increased attention lead to additional gold discoveries by several exploration companies and local prospectors and prompted the staking of claims adjoining the northwest corner of the Black River Property.

In 1993, additional trenching and soil sampling was preformed by Dillman on the property. Trenching was also preformed in 1996.

In the fall of 1999, four claims forming the south extension of the property were abandoned. This was a result of changes to land-use policies and the formation of the Lingham Lake Conservation area which buffered part of the claim block.

In the fall 2000, Dillman and Chard collected ten heavy mineral concentrates from the property, the survey resulted in the detection of Zn-chromite similar to those found in the Wawa diamond region. Chrome clinopyroxene and Ca-Mg almandine garnet were also identified by the survey. Prospecting during the program lead to the discovery of gold with arsenopyrite in sugary quartz boulders lodged in the bank of the Black River. Shortly after the program, Lydia Diamond Exploration of Canada announced the discovery of diamonds in lamprophyre dikes situated in southeast corner of Tudor Township.

In the spring of 2001, Chard staked the south half of lot's 18 and 19, concession XVI. The claim was staked to cover potential source locations for the Zn-chromite. Shortly afterwards, Lydia Diamond Exploration of Canada staked most of the open ground in Grimsthorpe and surrounded the Dillman-Chard claim block.

In 2001, Dillman-Chard collected and analyzed additional heavy mineral concentrates. The survey confirmed the presence of Zn-chromite. Local prospecting in the vicinity to anomalous samples sites failed to locate a source of the chromite grains. During the heavy mineral survey, a detrital gold grain was found in a heavy mineral sample from the Black River. The location of the sample site is situated east of several high-grade gold occurrences known as the Black River North Zone and the Christie Zone. The position of the sample suggest additional gold targets exist on the property.

In the summer of 2002, Dillman-Chard collected additional heavy mineral samples on the property. Results of the sampling identified additional Zn-chromite locations. During the survey, rock samples were collected of an east-west trending dike and of tufaceous pyroclastic rocks in an attempt to discover the source of the Zn-chromite. The samples were subjected to whole-rock analyses but failed to show any significant Zn-Cr-Mg-Ti.

#### **Regional Geology**

The property is situated in the Madoc-Bancroft region of the Grenville Structural Province of the Precambrian Shield. Rock units belong to the Mid-Sedimentary Belt of the Elzevir Terrain subdivision of the Grenville Province. The regional geology is summarized in Figure 4.

The property is underlain by Proterozoic aged metasedimentary and mafic metavolcanic rocks. The supracrustal rocks are locally intruded by mafic to felsic dykes, sills and large batholiths. The northwest trending greenstone unit is bounded on the east by the Elzevir Granite Batholith and to the west, by the Lingham Lake Complex, a large circular differentiated plutonic mass which evolved from a magma gradually changing in composition from mafic to felsite.



#### **Property Geology and Mineralization**

The geology of the property is summarized in Figure 5. The geology is characterized by large massive fine-grained basaltic flows and schistose metasedimentary units which generally strike in a northwest direction and dip moderately towards the southwest.

Metasedimentary rocks occur as units between 1-75 metres thick consisting of interbedded fine-grained argillaceous, graphite and greywacke schist and rare coarser-grained quartz pebble conglomerate. Finer-grained units commonly contain variable amounts of pyrite, pyrrhotite and magnetite resulting in a rusty appearance on outcrop surfaces. Preservation of original bedding has been observed in some units although the top of the units has not been determined. Metasedimentary units typically outcrop in recessive areas such as along northwest trending lineaments and are most abundant on the property along the Black River and in areas west of the river. Contacts with basaltic flows are sometimes sheared and commonly contain areas of quartz veining, some of which contain arsenopyrite and gold.

Fine-grained northwest trending felsic dikes and fine-grained east-west trending mafic dikes have intruded the metavolcanic-metasedimentary contact along the river and in rock units west of the river. The dikes range between 1-2 metres wide. The felsic dikes are medium-grained and grey in color. Fine planar black mica and augend quartz 'eyes' occur throughout the felsic dikes. Mafic dikes are aphanitic, black in color, blocky and well-jointed. It is believed the mafic dikes are older than the felsic dikes.

A small, coarse-grained gabbro body has intruded the mafic-metasedimentary contact in the vicinity of the river in the north area of the property. Although the contacts are not exposed, the gabbro appears to be roughly circular in shape, measuring approximately 50 metres in diameter. A similar gabbroic sill occurs at the metavolcanic-metasedimentary contact east of the river in the southeast region of the property.

No large fault structures are recognized on the property although pronounced lineaments suggest faulting has occurred. At least two directions of lineaments are present, of which, the most dominant are orientated northwest and coincide with the strike of rock units on the property. Cross-cutting lineaments evident by interconnected swamps orientated east-west suggest the presence of younger faulting. Evidence in the rocks of the existence of younger fault structures are apparent by a well-defined set of joints having an E-W orientation which cross-cut and off-set features such as: bedding plains, contacts and schistosity

Local zones of shearing occur in metasedimentary rocks at the metavolcanic contact following the river and marginal to several northwest trending felsic dykes. Some recrystallization and chloritization of the metasedimentary rock is associated with the shearing. Zones of Fe-Mg carbonate alteration are rare but pervasive in outcrops marginal to the gabbroic sill at the metavolcanic-metasedimentary contact in the southeast corner of the property.



#### **Gold Mineralization**

Previous prospecting and geological traverses lead to the discovery of eight areas of significant gold mineralization close to the metavolcanic-metasedimentary contact following the Black River (Figure 5). The mineralization is part of a series of similar gold showings which occur along the contact over a distance of 5 kilometres (Dillman, 1991).

Three styles of gold mineralization occur on the property. The most prolific gold mineralization is found in narrow arsenopyrite-bearing quartz veins in sheared and mineralized metasedimentary rock. The quartz is granular textured and ranges from white to 'smokey-blue' in color. Assays of this mineralization have ranged 1.0 to 4.5 grams per tonne over widths of 0.5 metres and 56.8 g/t in selected samples.

Gold mineralization has also been found in silicified metasediments mineralized with fine arsenopyrite. Selected samples of this mineralization have assayed on average, 1-3 g/t.

The third style of gold mineralization is associated with the gabbro sill in the southeast corner of the property. At the Gopher Showing in lot 18, concession XV, gold has been detected in pyrite and carbonated chlorite schist developed along the margins of a 1 metre wide quartz vein. The vein has developed in a tension fracture in a gabbroic sill situated at the metavolcanic-metasedimentary contact. The vein extends perpendicular into the gabbro for an unknown distance. Assays of samples taken on the margins of the vein have ranged as high as 9.2 and 21.9 g/t over widths of 0.15 to 0.4 metres.

#### **II. ANALYTICAL PROCEDURE AND RESULTS**

#### ANALYTICAL PROCEDURE

A total of 15 rock samples were collected from the property. Each rock sample was individually bagged at the sample site and each sample consisted of approximately 1-2 kg of mineralized rock. Rock samples were of selective type, each taken simply to detect the presence of gold and the gold values determined by analysis are not considered as true representative grades of the structures tested.

Seven of the samples were sent for gold analyses at Lakefield Research located in Lakefield, Ontario. This laboratory used a standard fire assay method to determine the gold content of each sample.

Eight of the samples were sent for gold analyses and 35 element scan at ALS Chimitec located in Val D'or, Quebec. At this laboratory, a complete rock analyses for gold was preformed. This procedure requires complete pulverization of a rock sample and analyzing a 30 gram split, the pulp and the reject (if present) for gold. A standard fire assay was used for determining the gold content of each component. The fire assay was followed by a 35 element scan using an induced coupla plasm method.

Assay certificates for each analysis are appended to this report. Sample locations and the results of the gold assays are plotted on a 1:2500 scale map also included with this report.

#### **RESULTS OF ROCK SAMPLING**

Results of rock sample analyses are summarized in Table 2.

In claim 1076805 on the east side of lot 19, concession XV, four samples representative of boulders of sucrosic (sugary) quartz showed significant gold mineralization ranging 0.28 g/t to 11.8 g/t (Figure 6). The quartz is well-mineralized with arsenopyrite and pyrite. Eight boulders of quartz and many small pieces have been located in the east bank of the Black River in a local area of shoreline stretching approximately 15 metres. The largest boulder was measured to 0.75 x 0.5 x 0.35 metres and crumbles readily with little effort. The site was originally discovered in 1999 during a heavy mineral sampling program along the Black River. Two samples collected at the time of discovery yielded gold assays of 0.87 g/t and 28.9 g/t. Fragments of metasedimentary schist material attached to several of the boulders indicated the quartz occurs in a metasedimentary unit. Prospecting in the vicinity revealed the site is underlain by metasedimentary rocks situated approximately 10 metres west of the metavolcanic contact. Prospecting efforts have yet to find the source of the quartz float.

Further examination of the area resulted in the discovery of three large boulders of metavolcanic rock cut by a quartz vein structure(s) averaging 0.15 m wide. The material sits on the west bank of the river approximately 50 metres downstream from the gold-bearing sucrosic quartz float. The quartz vein cutting the mafic metavolcanic boulders is white crystalline material and well-mineralized by pyrite. Three samples of quartz mineralized with pyrite assayed low gold values ranging 0.04 g/t to 0.06 g/t.

A small white crystalline quartz vein with traces of pyrite was located in bedrock situated approximately 150 m northeast of the sucrosic quartz float found on the east side of the river. The vein is 0.15 cm wide and strikes east-west. A sample of the vein assayed only 0.15 g/t gold. The vein occurs in amphibolitized mafic metavolcanic rocks.

Seven rock samples were collected in the south half of lot 20, concession XIV on claim 1076804. Three samples were gathered at the "Black River North Zone" (Figure 7) and four of the samples were collected on the "Christie Zone" (Figure 8). Sugary quartz veins ranging up to 0.3 metres wide occur in north-striking metasedimentary schists. Shearing and silicification are prevalent throughout the Christie Zone. Pyrite and arsenopyrite occur with the sucrosic quartz at both locations and with silicification at the Christie Zone.

At each site, previous assaying of selected samples has indicated significant gold values of 56.8 g/t and 18.2 g/t. The values suggest the presence of free gold in the system. To overcome the potential distribution of both fine and coarse gold grains, each of the seven samples collected during this program were subjected to complete sample fire assays. This method requires fire assays to be preformed on a standard 30 gram split and on the pulps and rejects. Results of the analyses are presented in Table 2. A 35 element scan was also preformed on each using a Induced Coupla Plasma (ICP) method. Results of the ICP scans are appended to this report.

#### TABLE 2. SUMMARY OF ASSAY RESULTS BLACK RIVER PROPERTY, GRIMSTHORPE TWP., ONTARIO

SAMPLE	CLAIM	GRID	UTM	SAMPLE	GOLD	SAMPLE				
NUMBER	NUMBER	LOCATION	COORDINATE	TYPE	RESULT	DESCRIPTION				
4791	1076805	26+22 N	304960E	boulder	0.28 g/t	sucrosic quartz with				
		0+65 E	4966710N		_	5% py + asp.				
4792	1076805	26+24 N	same	boulder	8.91 g/t	sucrosic quartz with				
		0+65 E				5% py + asp.				
4793	1076805	26+30 N	same	boulder	11.8 g/t	sucrosic quartz with				
		0+65 E				5% py + asp.				
4794	1076805	26+18 N	same	boulder	3.86 g/t	sucrosic quartz with				
		0+64 E				5% py + asp.				
4795	1076806	25+78 N	305010E	boulder	0.06 g/t	white crystalline				
		0+55 E	4966700N			quartz vein 10 cm wide				
4796	1076806	25+78 N	same	boulder	0.05 g/t	white crystalline				
		0+55 E		same		quartz and metavoicanic				
4707	4070000	05 - 70 N		h a culata a	0.04 ~/	wallrock, trace 5% py.				
4/9/	1076806	25+78 N	same	boulder	0.04 g/t	white crystalline				
4700	4070005	0+55 E	2049455	same	0.15 alt	qualiz vein 10 cm wide.				
4798	1076805	27+90 N	304013E	outcrop	0.15 g/t	quartz voin 10 cm wide				
224901	1076904	1700 E	49009 10IN 304305E	grau	95/13 nnh	30 gram split				
224001	1070004		J066875N	selected	9040 hhn	sucrosic quartz asp + pv				
224801	1076804	36+75 N	490007311	outeron	8 88 a/t	nulo				
224001	1070004	0+50 F		selected	0.00 g/t	sucrosic quartz asp + ov				
224802	1076804	36+75 N	same		13107 ppb	30 gram split				
224002	10/0004	0+50 F	Same	selected	10101 pp2	sucrosic quartz, asp + pv				
224802	1076804	36+75 N		outcrop	17.42 a/t	pulp.				
		0+50 E		selected	<b>g</b>	sucrosic quartz, asp + py				
224803	1076804	36+76 N	same	debris	7618 ppb	30 gram split,				
		0+49 E		selected	••	sucrosic quartz, asp + py				
224803	1076804	36+76 N		debris	5.85 g/t	pulp,				
		0+49 E		selected	-	sucrosic quartz, asp + py				
224804	1076804	34+60 N	same	outcrop	4350 ppb	30 gram split, asp+ py				
		0+07 E		selected		silicified metasediment				
224804	1076804	34+60 N		outcrop	3.74 g/t	pulp, asp +py				
		0+07 E		selected		silicified metasediment				
224805	1076804	34+59 N	304025E	outcrop	2595 ppb	30 gram split, asp+ py				
		0+07 W	4967210N	selected		silicified metasediment				
224805	1076804	34+59 N		outcrop	2.66 g/t	puip, asp +py				
004000	4070004	0+07 W		selected	0000	silicitied metasediment				
224806	1076804	34+50 N	same	outcrop	3399 bbp	30 gram split, asp+ py				
004000	4070004	0+06 W		selected	0.05 . "	silicified metasediment				
224806	1076804	34+50 N		outcrop	3.65 g/t	pulp, asp +py				
004007	4070004	0+06 VV		selected	0000 mmh	silicified metasediment				
224807	1076804	34+51 N	same	outcrop	2809 ppp	30 gram split,				
224907	1076904	UTU/ VV 24±51 NI	como	selected	0.70 ~/+	sucrosic quartz, asp + py				
224001	1070004	04701 N 0±07 M/	Sallie	solocted	0.79 y/t	puip,				
224807	1076804	34+51 N		outeron	0.82 c/t	reject				
224001	1070004	0++0+ N 0+07 \//		selected	0.02 y/l	eucrosic quartz asp + py				
		0+07 VV		Selected		sucrosic quartz, asp + py				

NOTE; 35 element ICP scans are appended to this report

UTM GRID: NAD 27





FIGURE 7. ROCKS SAMPLE LOCATIONS AND RESULTS BLACK RIVER NORTH ZONE SOUTH 1/2 LOT 20, CONC. XVI GRIMSTHORPE TWP., ONTARIO BLACK RIVER PROPERTY



ROCK SAMPLE LOCATIONS AND RESULTS CHRISTIE ZONE SOUTH 1/2 LOT 20, CONC. XVI GRIMSTHORPE TWP., ONTARIO BLACK RIVER PROPERTY Results of fire assays on the 30 gram splits and the pulps showed a considerable variation of gold content ranging approximately 1 to 4 g/t in rock samples collected at the Black River North Zone. Assay results on the 30 gram splits and the pulps varied 5.8 g/t to 17.4 g/t gold. More consistent values with the exception of a 2 g/t variation were obtained at the Christie Zone. Assays on the different components ranged 0.8 to 4.4 g/t gold with a variation of 0.1 to 0.6 g/t between 30 gram splits and the pulps.

#### **DISCUSSION OF RESULTS**

Prospecting in the vicinity of the boulders of sucrosic quartz found in the river bank on claim 1076805 failed to locate the source. Due to the numbers and extensive weathering it is believed the boulders are situated very close to the place of origin. During the survey it was established the site is underlain by metasedimentary rocks belonging to the same unit hosting other gold-bearing sucrosic veins.

Using common fire assays to measure gold content in 30 gram splits, pulps and rejects derived from rock samples collected from the Christie Zone and Black River North Zone has established that a wide distribution of gold values can be expected when sampling the sucrosic quartz veins and maybe reflective of the presence of both fine and coarse free gold. Using similar methods has shown more consistent gold values occur in silicified metasediments suggesting an evenly dispersed / finer grained gold mineralization with silicified environments.

### III. CONCLUSION AND RECOMMENDATION

Gold bearing sucrosic quartz veins and silicified zones mineralized with arsenopyrite and pyrite occur throughout the metasedimentary unit crossing the property. Gold mineralization found so far represents mineralization of unknown extent. The relative ease of access to this property and presence of strong gold mineralization make this property a viable exploration target.

Additional surveys are warranted to explore the extent of gold mineralization. Simple prospecting has proven successful in locating gold mineralization and this method should be continued. Due to the relatively poor exposure of the metasedimentary unit, a mobile metal ionization survey (MMI) is recommended followed by a diamond drill program to test the known gold occurrences and gold anomalies defined by the soil sampling survey. An estimated cost of such a program includes:

Prospecting and sample analyses	\$6,000
MMI survey and sample analyses	10,000
Diamond Drill Program and sample analyses	
6 drill holes, 500 metres	50,000
Reports and Maps	9,000
	\$75,000

Respectfully submitted,

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Robert J. Dillman B.Sc. Geologist APGO member No. 530

January 25, 2003

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- Geological Survey of Canada 1981, Aeromagnetic Map 97G, Grimsthorpe Township, Mazinaw Lake Sheet.

# CERTIFICATE

I, ROBERT JAMES DILLMAN, do hereby certify as follows:

- [1.] I am a **Mining Exploration Geologist** and that I reside and carry on business at **8901 Reily Drive**, in the town of **Mount Brydges**, **Ontario**.
- [2.] I am a **Graduate** of the **University of Western Ontario**, and hold a **Bachelor of Science Degree** and majored in **Geology**.
- [3.] I have been practicing my profession as a **Geologist** since **1992**.
- [4.] I am a Licenced Prospector in Ontario and have been actively engaged as a **Professional Prospector** since **1978.**
- [5.] My report, dated January 25, 2003, titled: "REPORT ON PROSPECTING AND ROCK SAMPLING, BLACK RIVER PROPERTY GRIMSTHORPE TOWNSHIP, ONTARIO" is based on information collected by myself between November 12, 2002 and January 25, 2003. Any other information which has been gathered from additional sources has been cited in this report.
- [6.] The information given in this report is as **accurate** as to the best of my knowledge and I have **not stated false information** for personal gain.
- [7.] I **authorize** the use of this report or any part of if **proper credit** is given to the original author.
- [8.] I have **50% interest** in the property.
- [9.] I am a member of the Geological Association of Canada.
- [10.] I am a member of the Association of Professional Geoscientists of Ontario. Member No. 530.

**ROBERT JAMES DILLMAN, B.Sc.** GEOLOGIST Una na

Dated at Mount Brydges, Ontario This 25 <sup>th</sup> day of January , 2003



P O. Box 4310 - 185 Concession St. Lakeiteld - Onano - KOL 2HO Phone: 705 652-2038 FAX: 705-652-6441

Phone: 519-264-9278 Fax.519-264-9278 January 21, 2003

Date Rec. :15 January 2003LR Report :CA9450-JAN03Project :2300156Client Ref :8 Rock<br/>Samples-Grimsthorpe

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# CERTIFICATE OF ANALYSIS

# Lakefield Research Limited - Final Report

Sample ID	Au
	g/t
1. 4791	0.28
2 4792	8.91
3: 4793	11.8
4: 4794	3.86
5: 4795	0.06
S: 4796	0.04
7. 4797	0.05
8: 4798	0.15

suge \_ Py Acr -Coysta

Nicole Mozola, B.Sc. (Eng) Client Services Representative

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page 1 of 1 Accredited by the Standards Council of Canada and CAEAL for specific registered tests. The statycol results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without providement approval.

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#### ALS Chemex Chimitec

# Rapport Lab Geochimie Geochemical Lab Report

CLIENT:			***************					A CARLENA AND CONTRACTOR		
DBO IDO-	INTERN	ATIONAL TAURUS	RESOLACES INC	•					•••••••••••••••••••••••••••••••••••••••	· · · · · · · · · · · · · · · · · · ·
PROJECT:	BLACK	RIVER								
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DATE APPROVED	EL	FNENT	NUMBER OF	LOWER			DATE			
034340			ANAL TSES	DETECTION	EXTRACTION	METHOD	APPROVED ELEMENT	ANALYSES DETECTION	EXTRACTION	WETHOD
021210	1 AU30	Gold	7	5 PPB	Fire Assav of 30a	300 Eine Anome - A	021210 77 7	_		
021210 2		P Gold ABSARY	onpulp 7	0.03 G/T	FIRE ASSAY	FIRE ASSAU		7 1 PPN	HCL: HNO3 (3:1)	INDUC. COUP. PL
021210	J ALIKEN ( A.	AU Reweigh	- FA10/11 1	0.03 G/T	FIRE ASSAY	FIRE ASSAY	021210 30 5 5 - 1CU1	7 0.01 PCT	HCL:HNO3 (3;1)	INDUC. COUP. PL
021210 5		Ag - 1001	7	0.2 PPN	HCL:HNO3 (3:1)	INDUC, (THE DIASM				
021210	5 644	CU - 1001	7	1 PPN	HCL:HNDS (3:1)	INDUC, COUP PLASM				
	5 PQ	PD - 1001	7	2 PPH	HCL:HNO3 (3:1)	INDUC. COUP. PLASH	SHOPLE HIPES NUMBER	SIZE FRACTIONS	NUMBER SAMPLE PI	REPARATIONS NUMB
021210 7	Zn	Zn - IC01	7	1 PPM	NC1 - UNITE (2.1)		ROCK 7	-200	7 CRUSH/SPI	LIT & PAV
021210	Mo	No - 1CO1	7	1 000		INDUC. COUP. PLASH				
021210 9	) Ni	Ni - ICO1	7	1 004		INDUC. COUP. PLASM				
U21210 10	Co	Co - 1CO1	7	1 PPM		HOUC. COLP. PLASH	REPORT COPIES TO: HR ROBERT BLA	KESTAD	INVOICE TO: HE ROBE	ERT BLAKESTAD
1210 17	Cd	Cd - 1C01	7	0.2 PPM		INDUC. DUP. PLASH				
021210 12	8 <b>8</b> i	B1 - ICO1	7	5 PPM		INCUC. COUP. PLASH	******************	******		******
17474 A.	_			2		THOUC. COUP. PLASH	This report must not	be reproduced except in	full. The data prese	ented in this
K1210 13	As	As - 1C01	7	5 PPM	HC1 - HNC3 (3-1)		report is specific to	those samples identifie	d under "Sample Numb	cer <sup>a</sup> and is
21210 14	Sb	Sb - 1001	7	5 PPM	HC1 - HMO3 (3-1)	INDUC. CUUP. PLASMA	applicable only to th	e samples as received ex	pressed on a dry bee	sis unless
21210 15	Fe	Fe - 1C01	7	0.01 PCT	HCI :HM03 (3-1)	THOUC, CUUP, PLASHA	otherwise indicated		•	
01210 17	<b>m</b> n	Mn - 1001	7			THULL WAP. MLASMA		***************		
		-		1 1994	HCL:(HHC35 (3:1)	THEN TO THE DEACHA			*****	*******
21210 48	ie n-	Te - 1C01	7	10 PPM	HCL:HN03 (3:1) HCL:HN03 (3:1)	INDUC. COLP. PLASHA			*****	******
21210 18	le Ba	Te - 1C01 Ba - 1C01	777	10 PPH 10 PPH 1 PPH	HCL:HN03 (3:1) HCL:HN03 (3:1) HCL:HN03 (3:1)	INDUC. COLP. PLASMA INDUC. COLP. PLASMA INDUC. CTLP. PLASMA			*****	*****
21210 18	ie Ba	Te - 1C01 Ba - 1C01	7 7	10 PPN 10 PPN 1 PPN	HCL:HNO3 (3:1) HCL:HNO3 (3:1) HCL:HNO3 (3:1)	INDUC. COLP. PLASNA INDUC. COLP. PLASNA INDUC. COLP. PLASNA			****	<b>, , , , , , , , , , , , , , , , , , , </b>
21210 18 21210 19 21210 20	le Ba Cr	Te - 1C01 Ba - 1C01 Cr - 1C01	7 7 7	10 PPH 10 PPH 1 PPM 1 PPM	HCL:HN03 (3:1) HCL:HN03 (3:1) HCL:HN03 (3:1) HCL:HN03 (3:1)	INDUC. COUP. PLASNA INDUC. COUP. PLASNA INDUC. COUP. PLASNA INDUC. COUP. PLASNA			****	<b>******</b> *****
21210 18 21210 19 21210 20 21210 21	le Ba Cr V	Te - 1C01 Ba - 1C01 Cr - 1C01 V - 1C01	, 7 7 7 7 7	10 PPM 10 PPM 1 PPM 1 PPM 1 PPM	HCL:HNO3 (3:1) HCL:HNO3 (3:1) HCL:HNO3 (3:1) HCL:HNO3 (3:1) HCL:HNO3 (3:1)	INDUC. COUP. PLASHA INDUC. COUP. PLASHA INDUC. COUP. PLASHA INDUC. COUP. PLASHA INDUC. COUP. PLASHA INDUC. COUP. PLASHA			****	*****
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21210       18         21210       20         21210       21         21210       21         21210       23         21210       24         21210       25         21210       25         21210       26         21210       26         21210       26         21210       26         21210       26         21210       26         21210       26         21210       26         21210       28         21210       29	ie Ba Cr V Sn W La Al Mg Ca Na K Sr	$\begin{array}{l} Te = 1C01 \\ Ba = 1C01 \\ V = 1C01 \\ V = 1C01 \\ Sn = 1C01 \\ La = 1C01 \\ La = 1C01 \\ Al = 1C01 \\ Al = 1C01 \\ Mg = 1C01 \\ Ca = 1C01 \\ Na = 1C01 \\ Na = 1C01 \\ Sn = 1C01 \\ Sn = 1C01 \end{array}$	, 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 PPM 10 PPM 1 PPM 1 PPM 20 PPM 20 PPM 20 PPM 1 PPM 0.01 PCT 0.01 PCT 0.01 PCT 0.01 PCT 0.01 PCT	HCL:HNO3 (3:1) HCL:HNO3 (3:1)	INDUC. COUP. PLASMA INDUC. COUP. PLASMA	3		±#1###################################	
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# Rapport Lab Geochimie Geochemical Lab Report

REPORT: C02-64149.0	( 00)4	PLETE )									DATE	REC	EIVED	: 03-	DEC-	02	DA	TE PI	INTE	: 25-	JAN-C		DA/3	PRO	WECT:	BLAC	( RIVE	R		
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# Rapport Lab Geochimie Geochemical Lab Report

	CLIENT: REPORT:	INTERNATIONA 002-64149.0	e talir Comp	ius reso 'Lete )	URCES	INC.	** ***** * *****	*****					* B20-1	. At		•				PRC	VECT: 0	LACK RIV	ER		····
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# Rapport Lab Geochimie Geochemical Lab Report

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RT: C	02-64149.0 ( )	COPLETE )		DATE RECEIVED: 03-DEC-02	DATE PRINTED: 25-JAN-05 P	PROJECT: BLACK RIVER AGE 18(2/4)
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# Work Report Summary

Trar	saction No:	W0390.	00307		St	atus:	APPI	ROVED			
Rec	ording Date:	2003-FE	EB-26		Work Done	from:	2002	-NOV-12			
Арр	roval Date:	2003-F	EB-28			to:	2003	-JAN-25			
Clie	nt(s):										
	12598	39 D	ILLMAN, ROE	BERT JAMES	6						
Surv	vey Type(s):										
			ASSAY		PROSP						
Woi	k Report Det	ails:									
Clai	m#	Perform	Perform Approve	Applied	Applied Approve	Ass	sign	Assign Approve	Reserve	Reserve Approve	Due Date
so	1076804	\$1,002	\$1,002	\$0	\$0		\$0	0	\$1,002	\$1,002	2004-MAR-08
SO	1076805	\$715	\$715	\$0	\$0		\$0	0	\$715	\$715	2004-MAR-08
so	1076806	\$430	\$430	\$0	\$0		\$0	0	\$430	\$430	2004-MAR-08
	_	\$2,147	\$2,147	\$0	\$0		\$0	\$0	\$2,147	\$2,147	-
Exte	ernal Credits:		\$0								
Res	erve:		\$2,147 Res \$2,147 Tota	erve of Work I Remaining	: Report#: W0	390.00	307				

Status of claim is based on information currently on record.



31C14SW2014 2.25066

GRIMSTHORPE

Ministry of Northern Development and Mines

Date: 2003-MAR-03

Ministère du Développement du Nord et des Mines



GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

Tel: (888) 415-9845 Fax:(877) 670-1555

ROBERT JAMES DILLMAN 8901 REILY DRIVE R R #5 MT BRYDGES, ONTARIO N0L 1W0 CANADA

> Submission Number: 2.25066 Transaction Number(s): W0390.00307

Dear Sir or Madam

#### Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

la codal.

Ron Gashinski Senior Manager, Mining Lands Section

Cc: Resident Geologist

Robert James Dillman (Claim Holder) Assessment File Library

Robert James Dillman (Assessment Office)



Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

General Information and Limitations

 Contact Information:
 Toil Free
 Map Datum: NAD 83

 Provincial Mining Recorders' Office
 Tel: 1 (868) 415-9845 ext 578bjection: UTM (6 degree)

 Willet Green Miller Centre 933 Ramsey Lake Road
 Fax: 1 (877) 670-1444
 Topographic Data Source: Land Information Ontario

 Sudbury ON P3E 665
 Mining Recorders' Office
 Mining Land Tenure Source: Provincial Mining Recorders' Office

 Home Page:
 www.mndm.gov.on.ca/MNDM/MINES/LANDS/missanpge.htm
 Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregiste land including certain patents, las flooding rights, licences, or other i interest from the Crown. Also cert that restrict or prohibit free entry to illustrated.

The information shown is derived from digital data available in the Provinciel Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

ONTARIO CANADA DEVELOPMENT AND M PROVINCIAL MINING RECORDER'S OFFICE	™ Mining Land Tenure Map
Date / Time of Issue: Mon Mar 03 11:59:33 EST 2 TOWNSHIP / AREA GRIMSTHORPE	003 PLAN M-0097
	/ DIVISIONS
Land Titles/Registry Division Ministry of Natural Resources District	HASTINGS BANCROFT
TOPOGRAPHIC	Land Tenure
Administrative Boundarias	Freehold Patent
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+ Tower	order In Council (Not open for staking)
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I AND TENHER WITHDRAMAL DESCRI	PTIONS
Identifier Type Date Description	
W-LL-C11 Wam Nov 21 2001 Mining and	Surface rights withdrawn Section 35 of the Mining Act RSD
IMPORTANT NOTICES	
Areas under which special regulation, limitations or condition	ns exist that affect normal prospecting, staking and mineral
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