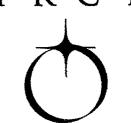
A COLDONAL

Worldwide Diamond Trademarks Limited

REQUERANT - APPLICANT
MARQUE DE COMMERCE - TRADE-MARK
ARCTIC CIRCLE & Circle Design

ARCTIC

KIRSTEN SEVERSON KLS TRADEMARK SERVICES PO BOX 19126 4TH AVENUE POSTAL OUTLET VANCOUVER BRITISH COLUMBIA V6K 4R8



DATE DE PRODUCTION - FILING DATE

No DOSSIER - FILE NO.

11 avr/Apr 2007

1343005

diamonds

RUBRIQUES DE L'INDEX - INDEX HEADINGS

ARCTIC CIRCLE DIAMONDS

CIRCLE

STAR-4 POINTED

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REMIS A REFERRED TO	REMARQUES REMARKS	INITIALES INITIALS	DATE	CLASSER P.A. DATE	INITIALES INITIALS	REPORTER B.F. DATE
A. COLBOURNE			-			
ADVERTISE						
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CIPO
CANADIAN INTELESCITIAL,
PROPERCY OFFICE





















Office de la propriété intellectuelle du Canada

Canadian **Intellectual Property** Office

Un organisme d'Industrie Canada An Agency of Industry Canada

50, rue Victoria Place du Portage I Gatineau (Québec) K1A 0C9

50 Victoria Street Place du Portage I Gatineau, Quebec K1A 0C9

COASTAL TRADEMARK SERVICES LIMITED 1081 Cambie Street Vancouver **BRITISH COLUMBIA V6B 5L7**

Attention: Penny Brady

Propriétaire - Owner

Worldwide Diamond Trademarks Limited

Marque de commerce - Trade-mark

ARCTIC CIRCLE & Circle Design

Date

29 oct/Oct 2013

Votre référence - Your reference

1928-163

Numéro de dossier - File number

1343005



O m

CONFIRMATION DE MODIFICATION

CONFIRMATION OF CHANGE

Nous vous avisons que le (la) suivant(e) a été désigné(e) comme représentant pour signification pour la (toutes les) marque(s) mentionnée(s).

This is to notify you that the following firm has been appointed as representative for service in respect of the mentioned trade-marks(s).

COASTAL TRADEMARK SERVICES LIMITED 1081 Cambie Street Vancouver **BRITISH COLUMBIA V6B 5L7**

Marque(s) de commerce / Trade-mark(s):

TMA736,029

1343005

ARCTIC CIRCLE & Circle Design

Registraire des marques de commerce Registrar of Trade-marks

Contact: Danielle Mathurin
Section des cessions et renouvellements/
Assignment and Renewal Section
819-953-7875





OPIC / CIPO

Direction des marques de commerce / Trade-marks Branch Fiche de travail / Worksheet

Page: 1

Worksheet Name: Oct 23/13 Worldwide Diamond C/R

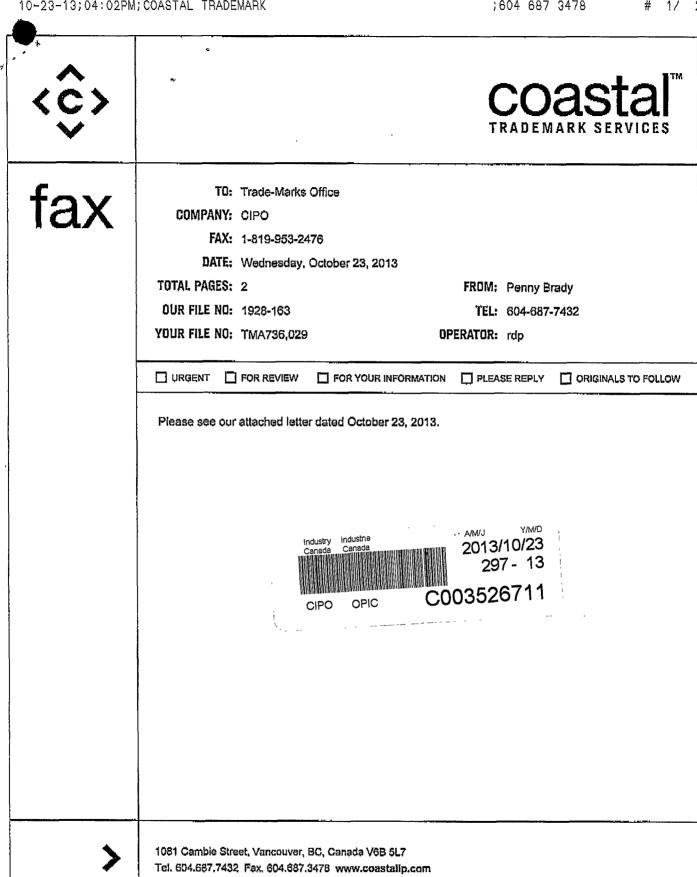
Assemble Date:

Officer:

Danielle Mathurin

Date: 29 Oct 2013

Registration No. d'enreg.	File Number No. du dossier	Rep for Service	Agent	Owner Name	Associated with
TMA736,029	1343005	KIRSTEN SEVERSON KLS TRADEMARK	KIRSTEN SEVERSON KLS TRADEMARK SERVICES	Worldwide Diamond Trademarks Limited	• •
		SERVICES PO BOX 19126 4TH AVENUE POSTAL	PO BOX 19126 4TH AVENUE POSTAL OUTLET	•	
*	*	OUTLET VANCOUVER	VANCOUVER BRITISH COLUMBIA V6K 4R8		
		BRITISH COLUMBIA V6K			



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Y/M/D

2013/10/23

C003526712

1343 000

297 - 13





October 23, 2013

VIA FACSIMILE ONLY

Canadian Intellectual Property Office Place du Portage 1 50 Victoria Street, Room C-114 Gatineau, Quebec K1A 0C9

Attention: Formalities Section

Dear Sirs/Mesdames:

Re:

Canadian Trade-mark Registration No. TMA736,029

Trade-mark: ARCTIC CIRCLE DIAMONDS & Design
Owner: Worldwide Diamond Trademarks Limited

Our File: 1928-163

The owner of the above registration hereby revokes all previous appointments of agents and representatives in respect of the above trademark registration, and appoints Coastal Trademark Services Limited whose full post office address is:

1081 Cambie Street Vancouver, British Columbia, V6B 5L7

as its agent and representative for service and the agency to whom any notice in respect of the above-referenced registration may be sent and upon whom service of any proceedings in respect of the above trademark may be given or served with the same effect as if it had been given to or served upon the owner.

We look forward to receipt of confirmation of the change in due course.

Yours very truly,

COASTAL TRADEMARK SERVICES®

Penny Brady

Registered Trade-mark Agent

PB/rdp

1081 Camble Street, Vancouver, BC, Canada V68 5L7 Tel. 604.687.7432 Fax. 604.687.3478 www.coastailp.com



REGISTRATION/ENREGISTREMENT NO TMA736,029

FILING DATE/DATE DE PRODUCTION: REGISTRATION DATE/DATE D'ENREGISTREMENT:

11 avr/Apr 2007 10 mars/Mar 2009

REGISTRANT/PROPRIÉTAIRE ORIGINAL:

Worldwide Diamond Trademarks Limited Suite 2160 1066 West Hastings Street Vancouver BRITISH COLUMBIA V6E 3X1'

REP FOR SERVICE/REP POUR SIGNIFICATION:

KIRSTEN SEVERSON KLS TRADEMARK SERVICES PO BOX 19126 4TH AVENUE POSTAL OUTLET VANCOUVER BRITISH COLUMBIA V6K 4R8

TRADE-MARK/MARQUE DE COMMERCE:



DISCLAIMER/DÉSISTEMENT:

The right to the exclusive use of the word DIAMONDS is disclaimed apart from the trade-mark.

WARES/MARCHANDISES:

Diamonds and diamond jewelry.



REGISTRATION/ENREGISTREMENT NO TMA736,029

CLAIMS/REVENDICATIONS:

Declaration of Use filed February 09, 2009 on wares.



ALLOWED/ADMISE

FILING DATE/DATE DE PRODUCTION:

11 avr/Apr 2007

APPLICANT/REQUÉRANT:

Worldwide Diamond Trademarks Limited Suite 2160 1066 West Hastings Street Vancouver BRITISH COLUMBIA V6E 3X1

AGENT:

KIRSTEN SEVERSON KLS TRADEMARK SERVICES PO BOX 19126 4TH AVENUE POSTAL OUTLET VANCOUVER BRITISH COLUMBIA V6K 4R8

Fet 9/09

REP FOR SERVICE/REP POUR SIGNIFICATION:

KIRSTEN SEVERSON KLS TRADEMARK SERVICES PO BOX 19126 4TH AVENUE POSTAL OUTLET VANCOUVER BRITISH COLUMBIA V6K 4R8

TRADE-MARK/MARQUE DE COMMERCE:





diamonds



MARK DESCRIPTIVE REFERENCE/RÉFERENCE DESCRIPTIVE DE LA MARQUE:

ARCTIC CIRCLE & Circle Design

INDEX HEADINGS/RUBRIQUES:

ARCTIC CIRCLE DIAMONDS

CIRCLE

÷

STAR-4 POINTED

*

CLASSIFICATION OF FIGURATIVE ELEMENTS/CLASSIFICATION DES ÉLÉMENTS FIGURATIFS:

- 1.1.1 Stars
- 1.1.2 One star
- 1.1.9 Stars with four points
- 26.1.1 Circles
- 26.1.3 One circle or ellipse
- 26.1.13 Circles or ellipses containing representations of heavenly bodies or natural phenomena
- 27.5.1 Letters presenting a special form of writing
- 27.5.17 Letters in heavy characters

DISCLAIMER/DÉSISTEMENT:

The right to the exclusive use of the word DIAMONDS is disclaimed apart from the trade-mark.

WARES/MARCHANDISES:

Diamonds and diamond jewelry.



CLAIMS/REVENDICATIONS:

Proposed Use in CANADA on wares.

CLASSIFICATION OF FIGURATIVE ELEMENTS/CLASSIFICATION DES ÉLÉMENTS FIGURATIFS:

- 1.1.1 Etoiles
- 1.1.2 Une étoile
- 1.1.9 Etoiles à quatre pointes
- 26.1.1 Cercles
- 26.1.3 Un cercle ou ellipse
- 26.1.13 Cercles ou ellipses contenant la représentation de corps célestes ou de phénomènes naturels
- 27.5.1 Lettres présentant un graphisme spécial
- 27.5.17 Lettres en caractères massifs

DISCLAIMER/DÉSISTEMENT:

Le droit à l'usage exclusif du mot DIAMONDS en dehors de la marque de commerce n'est pas accordé.

WARES/MARCHANDISES:

Diamants et bijoux à diamants.

CLAIMS/REVENDICATIONS:

Emploi projeté au CANADA en liaison avec les marchandises.

Action / Action	Date / Date	BF/ BF	Commentaires/ Comments
filed	11 avr/Apr 2007		
created	12 avr/Apr 2007		
formalized	12 avr/Apr 2007		
Search Recorded	23 oct/Oct 2007		



1 343 005

Action / Action	Date / Date	BF/ BF	Commentaires/ Comments
approved	07 nov/Nov 2007	0	•
translation requested	13 nov/Nov 2007	05 déc/Dec 2007	
translation received	22 nov/Nov 2007		
Extracted for Advertisement	22 nov/Nov 2007		Vol.54 Issue 2771 2007/12/05
advertised	05 déc/Dec 2007	•	Vol.54 Issue 2771
allowance notice sent	22 fév/Feb 2008	11 avr/Apr 2010	•
allowed	22 fév/Feb 2008	•	•

KLS Trademark Services™

PO Box 19126 - 4th Avenue Post Vancouver, BC V6K 4R8 t: 694.715.6398 f: 694.676.7158 e info@KLStrademarks.ca www.KLStrademarks.ca

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February 6, 2009

BY FACSIMILE ONLY (page 1 of 2)

Registrar of Trade-marks
Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau, QC K1A 0C9



Attention: Registration Section

Re:

Trade-mark application for registration - registration request

Applicant:

Worldwide Diamond Trademarks Limited

Trade-mark:

ARCTIC CIRCLE & Circle Design

Serial No.:

1343005

Dear Sir/Madam:

The above trade-mark application was allowed on February 22, 2008. In this respect, we enclose the Declaration and request registration of the trade-mark.

Please charge our credit card on file for the government fee of \$200.

We look forward to receipt of the Certificate of Registration in due course.

Yours yery traly,

Kirsten Severson,

Registered Trademark Agent

for KLS Trademark Services™

KS/gs

Enclosure

arcticcircle&d.regrqst.tmo

IN THE CANADIAN TRADE-MARKS OFFICE

IN THE MATTER

of an application for registration of the Trademark: ARCTIC CIRCLE & Circle Design Applicant: Worldwide Diamond Trademarks Limited Serial Number: 1343005

DECLARATION

I, Itay Ariel, of Vancouver, in the province of British Columbia, Canada

HEREBY DECLARE AS FOLLOWS:

- 1. THAT I am the President of Worldwide Diamond Trademarks Limited; and
- 2. THAT since the filing of application Serial Number 1343005 for registration of the trademark claimed therein, the applicant, by itself or through a licensee, or by itself and through a licensee, has commenced the use in Canada of the trademark claimed in the said application in association with the following:

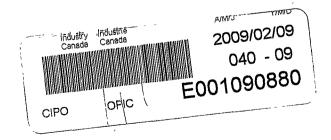
Diamonds and diamond jewellery

Dated at Vancouver, British Columbia, Canada this 6 day of 15 , 200

try Ariel, President

Worldwide Diamond Trademarks Ltd.

atoticcircle&design.den



file: n:\ec\trade_mark\01\34\30\05\1343005.htm printed: 2007-04-12 07:13

Transmission identification: kseverson1104170034549_app_1640705

Electronic Application Receive TimeStamp: April 11, 2007 5:37:02 PM

Reference No.:

Description: ARCTIC CIRCLE & Circle Design

Date: April 11, 2007

Registrar of Trade-marks Trade-marks Office Gatineau,Quebec K1A 0C9 CANADA

The prescribed fee of CDN\$250 for this application is processed by credit card, using the secure online payment service.

A formal drawing of the trade-mark is attached.

APPLICATION FOR THE REGISTRATION OF A TRADE-MARK

- 1. The applicant, **Worldwide Diamond Trademarks Limited** the full post office address of whose principal office or place of business is Suite 2160, 1066 West Hastings, Street, Vancouver BRITISH COLUMBIA, CANADA, V6E 3X1, applies for the registration, in accordance with the provisions of the *Trade-marks Act*, of the trade-mark identified below.
- 2. The trade-mark is shown in the attached drawing:



- 3. Without waiving any of its common-law rights, and for purposes only of this application and registration issuing therefrom, the applicant disclaims the right to the exclusive use of the word DIAMONDS, apart from the trade-mark as a whole.
- 4. The applicant by itself or through a licensee, or by itself and through a licensee, intends to use the trade-mark in Canada in association with (17) diamonds and diamond jewelry and requests registration of the trade-mark in respect of such wares.

2

- 5. The applicant appoints KIRSTEN SEVERSON, whose full post office address in Canada is KLS TRADEMARK SERVICES, PO BOX 19126, 4TH AVENUE POSTAL OUTLET, VANCOUVER, BRITISH COLUMBIA, CANADA, V6K 4R8, as the person (firm or any member of the said firm), as its agent to prosecute this application with full powers of amendment and substitution, to execute any amendment related thereto as well as any amended application, and to represent the applicant with respect to this application, the said agents being authorized to receive the registration certificate on behalf of the applicant.
- 6. The applicant appoints KIRSTEN SEVERSON, whose full post office address in Canada is KLS TRADEMARK SERVICES, PO BOX 19126, 4TH AVENUE POSTAL OUTLET, VANCOUVER, BRITISH COLUMBIA, CANADA, V6K 4R8 as the person (or firm) to whom any notice in respect of the application or registration may be sent, and upon whom service of any proceedings in respect of the application or registration may be given or served with the same effect as if they had been given to or served upon the applicant or registrant.
- 7. The applicant is satisfied that it is entitled to use the trade-mark in Canada in association with the wares described above.

1,343,005 ARCTIC CIRCLE & Circle Design

Active Marks

1	ARCTIC ICE DIAMONDS	1,166,320	TMA623,976	Registered
2	ARCTIC FIRE DIAMONDS	1,286,131	TMA685,498	Registered
3	ARCTIC GLACIERS DIAMONDS	1,326,215		Searched
4	ARCTIC FOX DIAMOND	1,297,640		Allowed
5	ARCTIC FIRE DIAMOND	1,286,130	TMA685,499	Registered
6	ARCTIC STONES	1,281,496		Allowed
7	Arctic Star	1,304,484	TMA694,674	Registered

Date: 2007-10-29 Searcher: Anthony Colbourne Application: 1,343,005 Page 1

1,166,320 TMA623,976

2003/01/30 2004/10/29 Registered

Trade mark



Owner

MDL MERCHANTS INC., trading as MDL DIAMOND MERCHANTS 55 Queen St. E., Suite #601 Toronto ONTARIO M5C 1R6

Disclaimer

The right to the exclusive use of the word DIAMONDS is disclaimed apart from the trade-mark.

Wares

(1) Loose diamonds, mounted diamonds, Canadian origin diamonds, tennis bracelets, rings, earrings, pendants, jewellery and gems.

Services

(1) Laser engraving of girdle, jewellery and gem appraisal service, **diamond** and gem brokerage services, sales of **diamonds** and gems to retailers and wholesalers.

Used in Canada

Used in CANADA since January 01, 2001.

Action	Date	Deadline	Comment
Filed	2003/01/30		
Created	2003/02/03		
Formalized	2003/02/17		
Search Recorded	2003/10/30		
Examiner's first report	2003/10/30	2004/02/29	
Rep for Service changed	2004/03/23		From: To: 59
Agent Changed	2004/03/23		From: To: 59
Correspondence created	2004/03/23	2004/07/23	
Approved	2004/05/28		

1,166,320 TMA623,976 Trade mark

2003/01/30 2004/10/29

Registered

Translation Requested	2004/06/01	2004/06/23	20040615142404
Translation Received	2004/06/15		
Extracted for Advertisement	2004/06/15		Vol.51 Issue 2592 2004/06/30
Advertised	2004/06/30		Vol.51 Issue 2592
Rep for Service changed	2004/07/06		From: 59 To: / Voir Preuve au dossier/See evidence on File No. 1166320
Agent Changed	2004/07/06		From: 59 To: / Voir Preuve au dossier/See evidence on File No. 1166320
Allowed	2004/09/17		
Allowance Notice Sent	2004/09/17	2005/03/17	
Registered	2004/10/29		

1,286,131 TMA685,498

2006/01/09 2007/04/04

Trade mark

Registered



Owner

1323983 ONTARIO INC. 3059 Courtyard Crescent Ottawa ONTARIO K1T 3R9

Disclaimer

The right to the exclusive use of the word DIAMONDS is disclaimed apart from the trade-mark.

Wares

(1) Diamonds and diamond jewellery.

Declaration of Use

Declaration of Use filed March 19, 2007.

Associated marks

TMA685,499

Action	Date	Deadline	Comment
Filed	2006/01/09		
Created	2006/01/16		
Formalized	2006/02/22		
Search Recorded	2006/05/31		
Examiner's first report	2006/05/31	2006/09/30	
Approved	2006/10/25		
Translation Requested	2006/10/31	2006/11/22	20061116083254
Translation Received	2006/11/16		
Extracted for Advertisement	2006/11/16		Vol.53 Issue 2718 2006/11/29
Advertised	2006/11/29		Vol.53 Issue 2718
Allowed	2007/02/16		

1,286,131 TMA685,498 Trade mark

2006/01/09 2007/04/04 Registered

Allowance Notice Sent

Registered

2007/02/16 2007/04/04 2009/01/09

1,326,215

2006/11/29

Searched

Trade mark



Owner

AJAY JARIWALA 55 QUEEN STREET, EAST, SUITE 708 TORONTO ONTARIO M5C 1R6

Wares

- (1) Canadian Diamonds, Mounted Diamonds and Jewellery.
- (2) Canadian Diamonds, Mounted Diamonds and Jewellery.

Services

(1) Sales of **Diamonds** and Jewellery to retailers and wholesalers.

Used in Canada

Used in CANADA since October 01, 2006 on wares (1) and on services.

Proposed Use

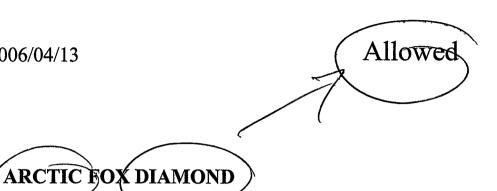
Proposed Use in CANADA on wares (2).

Date	Deadline	Comment
2006/11/29		
2006/11/30		
2006/12/05		
2007/04/16		
2007/04/16	2007/08/16	
	2006/11/29 2006/11/30 2006/12/05 2007/04/16	2006/11/29 2006/11/30 2006/12/05 2007/04/16

1,297,640

2006/04/13

Trade mark





Northam Diamond Manufacturing & Trading Inc. 27 Queen Street East Suite 1004 Toronto **ONTARIO** M5C 2M6

Disclaimer

The right to the exclusive use of the word DIAMOND is disclaimed apart from the trade-mark.

Wares

(1) Diamonds.

Proposed Use

Proposed Use in CANADA.

Action	Date	Deadline	Comment
Filed	2006/04/13		
Created	2006/04/13		
Formalized	2006/04/13		
Search Recorded	2006/09/05		
Examiner's first report	2006/09/05	2007/01/05	
Approved	2006/10/20		
Translation Requested	2006/10/24	2006/11/15	20061109094249
Translation Received	2006/11/09		
Extracted for Advertisement	2006/11/09		Vol.53 Issue 2717 2006/11/22
Advertised	2006/11/22		Vol.53 Issue 2717
Allowed	2007/02/09		
Allowance Notice Sent	2007/02/09	2009/04/13	

1,286,130 TMA685,499

2006/01/09 2007/04/04 Registered

Trade mark



Owner

1323983 ONTARIO INC. 3059 Courtyard Crescent Ottawa ONTARIO K1T 3R9

Disclaimer

The right to the exclusive use of the word DIAMOND is disclaimed apart from the trade-mark.

Wares

(1) Diamonds and diamond jewellery.

Declaration of Use

Declaration of Use filed March 19, 2007.

Associated marks

TMA685,498

Action	Date	Deadline	Comment
Filed	2006/01/09		
Created	2006/01/16		
Formalized	2006/02/22		
Search Recorded	2006/05/31		
Examiner's first report	2006/05/31	2006/09/30	
Approved	2006/10/25		
Translation Requested	2006/10/31	2006/11/22	20061116083254
Translation Received	2006/11/16		
Extracted for Advertisement	2006/11/16		Vol.53 Issue 2718 2006/11/29
Advertised	2006/11/29		Vol.53 Issue 2718
Allowed	2007/02/16		

1,281,496

2005/11/16



Trade mark



Owner

ALDANMAZ INVESTMENTS LTD. 55 Queen Street East, Suite 1002 Toronto ONTARIO M5C 1R6

Disclaimer

The right to the exclusive use of the word STONES is disclaimed apart from the trade-mark.

Wares

(1) Diamonds.

Services

(1) Sale of diamonds.

Proposed Use

Proposed Use in CANADA.

Action	Date	Deadline	Comment
Filed	2005/11/16		
Created	2005/12/01		
Formalized	2006/01/23		
Search Recorded	2006/06/16		
Examiner's first report	2006/06/16	2006/10/16	
Approved	2006/08/22		
Translation Requested	2006/08/29	2006/09/20	20060915075941
Translation Received	2006/09/15		
Extracted for Advertisement	2006/09/15		Vol.53 Issue 2709 2006/09/27
Advertised	2006/09/27		Vol.53 Issue 2709
Allowed	2006/12/15		

1,304,484

2006/05/30 2007/08/24

TMA694,674 Trade mark Registered



Owner

Mukesh Shah Hoveniersstraat 55 bus 3 Antwerp 2018 BELGIUM

Wares

(1) **Diamonds**, namely set and loose **diamonds** and rough **diamonds**; **diamond** jewellery; packaging material namely boxes and protective sheaths for carrying and storing **diamonds**.

Services

(1) Wholesale and retail sales of **diamonds** both loose and set; wholesale and retail sales of **diamond** jewellery and **diamond** related products namely packaging material namely boxes and protective sheaths for carrying and storing **diamonds**.

Declaration of Use

Declaration of Use filed August 02, 2007.

Action	Date	Deadline	Comment
Filed	2006/05/30		
Created	2006/06/07		
Formalized	2006/06/22		
Search Recorded	2006/11/20		
Approved	2007/01/03		
Translation Requested	2007/01/09	2007/01/31	20070125094922
Translation Received	2007/01/25		
Extracted for Advertisement	2007/01/25		Vol.54 Issue 2728 2007/02/07
Advertised	2007/02/07		Vol.54 Issue 2728
Allowed	2007/04/27		
Allowance Notice Sent	2007/04/27	2009/05/30	
Registered	2007/08/24		

Worldwide Diamond Trademarks Limited		NUMÉRO DE DOSSIER - FILE NUMBER 1343005		
MARQUE DESIGNARIA ARCTIC CIRCLE & Circle Design	DATE DE PRODUCTION - FILING DATE 11 avr/Apr 2007			
RUBRIQUES DE L'INDEX -INDEX HEADINGS ARCTIC CIRCLE DIAMONDS * CIRCLE * STAR-4 POINTED *		AR	CTIC R C L E	
MARCHANDISES/SERVICES - WARES/SERVICES Diamonds and diamond jewelry.		d i a	m ond s	
EXIGENCES FORMELLES - FORMAL REQUIREMENTS WARES/MARCHANDISES SERVICES	☐ DISCLAIMER	☐ CC+FEE	☐ OTHER/AUTRE	
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12 (1)(b)			Research?	
	<u></u> 16			
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arctic circle diamonds Search Advanced Search Preferences

Search: the web pages from Canada

Web

Results 1 - 10 of about 1,210,000 for arctic circle diamonds. (0.22 seconds)

Arctic Behavior in Random Tilings

It has been proved in [1] that the shape of the **arctic** boundary of an Aztec **diamond** approaches a **circle** in the limit as the order grows to infinity. ...

www.math.wisc.edu/~propp/tiling/www/mdblum/arctic.html - 28k - Cached - Similar pages

[math/0407171] An arctic circle theorem for groves

The so-called **arctic circle** theorem made precise a phenomenon observed in random tilings of large Aztec **diamonds**. Here we examine a related combinatorial ...

arxiv.org/math.CO/0407171 - 3k - Cached - Similar pages

The arctic circle boundary and the Airy process

Local statistics for random domino tilings of the Aztec diamond. Duke Math. ... Random domino tilings and the arctic circle theorem. Preprint. ...

dx.doi.org/10.1214/00911790400000937 - Similar pages

Putin Tries to Lay Claim to Arctic Circle - Associated Content

Putin Tries to Lay Claim to **Arctic Circle**. Oil, Gas, and **Diamonds** ... by scientist that the **Arctic** is not only rich in oil, but also in gas and in **diamonds**. ...

www.associatedcontent.com/article/ 296004/putin_tries_to_lay_claim_to_arctic.html - 46k -Cached - Similar pages

[DOC] NUNAVUT'S FIRST DIAMOND MINE

File Format: Microsoft Word - View as HTML

The construction of the Jericho diamond mine, located south of the **Arctic Circle** near the Lupin gold mine, marks the beginning of a diamond industry in ...

www.usask.ca/geography/bone/geog202/ geog381/CH5_GEOG_381_NUNAVUT_DIAMOND_MINE.doc - <u>Similar pages</u>

Russia **Diamond** Mines

The Mirny diamond mine is located in Mirna City just below the **Arctic circle** in the Sakha Republic of Eastern Siberia in northeastern Russia. ...

www.khulsey.com/jewelry/kh_jewelry_diamond_mines_russia.html - 13k - <u>Cached</u> - <u>Similar pages</u>

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eDiamonds.ca

Your **Diamonds** Superstore Locations in Burlington & Hamilton www.ediamonds.ca

Certified Canada Diamonds

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BrilliantEarth.com

Gemstone Jewelry -ICE.com

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Tiffany & Co. Jewelry

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NUNAVUT'S FIRST DIAMOND MINE

The construction of the Jericho diamond mine, located south of the Arctic Circle near the Lupin gold mine, marks the beginning of a diamond industry in Nunavut (See Figure 10.5 on page 518). Diamond production from this small but rich ore deposit is expected to extend over eight years from 2006 to 2014. Mine and plant construction will be completed in 2005. With mining operations beginning in 2006, work at the open pit mine and processing plant will require approximately 100 and 40 employees respectively. With a two week rotation system (two weeks at site followed by two weeks at home), only half of the labour force will be on site at any one time. Open pit mining will take place for the first four years and then be replaced by underground mining. While other kimberlite pipes exist in the area, the short life span of this mine demonstrates the difficulty of developing a sustainable economy based on non-renewable resources..

Lying far from Canada's highway system, mining companies operating in Nunavut employ air commuting systems for their employees and arctic sea transportation or winter road trucking for hauling bulky goods and diesel fuel. In the case of lead/zinc mines at Polaris and Nanisivik, both of which are situated near the coast, ice reinforced ship also take the ore to markets. The location of Nunavut's first diamond mine in the Barren Lands requires winter road trucking and an air commuting system. Workers from Inuit communities along the arctic coast, such as Kugluktuk (formerly Coppermine) are expected to find employment in both the construction and mining phases of the Jericho Diamond Project. Other workers will fly from two major pick-up points, Yellowknife and Edmonton.

In February 2005, the mining company, Tahera Diamond Corporation, began transporting diesel fuel for operating the yet-to-be built mine, mill and 100-person trailer camp as well as heavy equipment and building materials. By using trucks rather than aircraft, transportation costs will be greatly reduced. Yet, the short window of opportunity for trucking these bulky goods along the ice road from Yellowknife to the Lupin gold mine and than another 30 km to the diamond mine site is only ten weeks. If cold weather holds until late March, supplies for the construction phase will be in place with diamond production underway by 2006.

Source: The Jericho Diamond Project: http://www.tahera.com/jericho_diamond.html.

New Key Terms:

Arctic Circle: The Arctic Circle is an imaginary line that signifies the northward limit of the sun's rays at the time of the winter solstice (December 21st). At its latitude of 66° 32' N, the sun does not rise above the horizon for one day of the year (the winter solstice). Except for a short period of twilight, darkness prevails for 24 hours. In the summer solstice (June 21st), the sun's rays do not fall below the horizon, providing constant daylight for 24 hours.

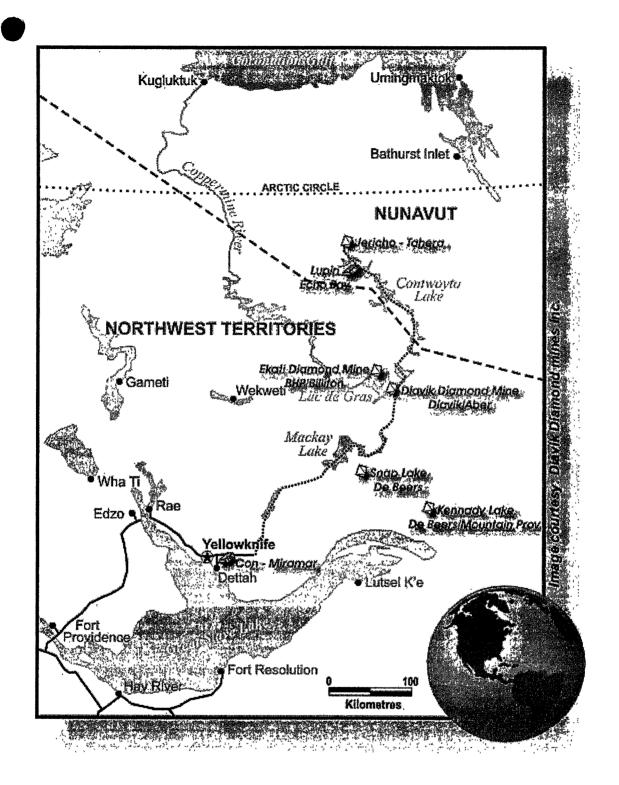
Air Commuting: Commuting to work is a common theme in geographic literature. However, air commuting is a relatively new phenomenon. Until the 1970s, companies built resource towns to house their labour force and their families. Since then, companies have opted to employ air transportation to take their workers to and from the work site. Often these employees remain at the mine for a week or two working long shifts (often 12 hours per day). Workers then have a week or two at home. The company pays for the air transportation and for the food and lodgings at the mine site.

Barren Grounds: The vast area of tundra stretching from the west coast of Hudson Bay to the Great Slave and Great Bear lakes and northward to the Arctic ocean. Also know as the Barren Lands, this region falls within Nunavut and the Northwest Territories. The Barren-Ground Caribou use this region for calving each summer before migrating to the Boreal Forest.

Boreal Forest: This great zone of northern coniferous trees is also known as the Russian word taiga. As one of the largest natural zones in the world, the Boreal forest stretches around the northern hemisphere, forming a huge forest belt. The main species found in the Boreal forest are black and white spruce.

Resource Towns: Resource towns still dot the Canadian North and northern areas of Quebec, Ontario, Western Canada and British Columbia. Flin Flon in northern Manitoba is one of the oldest resource towns in Canada that is still operating. However, many have closed such as Pine Point, Shefferville, and Uranium City. Tumbler Ridge in northeast British Columbia was the last so-called instant town carved out of the wilderness. Since then, companies have brought their labour force to remote mine sites by an air commuting system.

Winter Road: Winter or ice roads are seasonal roads built across frozen land, lakes, and rivers. Winter roads provide a relatively low cost trucking route for hauling bulky products to isolated communities and mine sites. The land is cleared of trees, bush and other obstacles in the summer. In the winter, the snow is cleared several times. Prolong cold weather is necessary to freeze the water bodies so that the ice can support heavy trucks. The longest ice road extends from Yellowknife some 400 km into the Barrens where five mines are located, namely the Lupin gold mine, two operating diamond mines Davik and Ekati, and two diamond mines, Jericho and Snap Lake, that are currently under construction (See map below).





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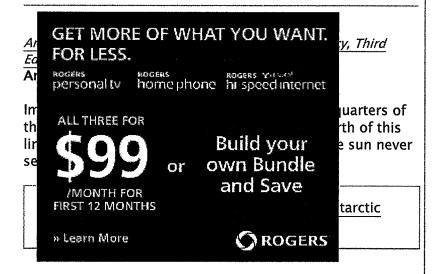
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