

Public Places, Community Spaces

C4: Library, Archives, Museum, and more: connecting for improved heritage services in the City of Burnaby

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September 26th, 2015



Creating Connections

The Partners:

- Burnaby Village Museum
- Burnaby Historical Society
- City of Burnaby Archives
- Burnaby Public Library
- Burnaby Heritage Planning Program













Data formats - Connectors

- Conversion from disparate sources
- Agreement to share Names, Subjects & Geographic thesauri ensured standardization

 Subject 	
Accidents	8
 Accidents - Automobile Accidents 	10
Accidents - Train Accidents	11
Adornment - Jewelry	8
Advertising Medium	19
 Advertising Medium - Business Cards 	4
 Advertising Medium - Signs and Signboards 	138
Aerial Photographs	868
 Agricultural Tools and Equipment 	19
 Agricultural Tools and Equipment - Gardening Equipment 	6
 Agricultural Tools and Equipment - Ploughs 	9
Agriculture - Crops	33
Agriculture - Farms	121
Agriculture - Fruit and Berries	35
Agriculture - Orchards	4
Agriculture - Poultry	4
🗆 Animals	5
Animals - Bears	1
Animals - Birds	4
Animals - Cats	30
Animals - Cows	34
Animals - Deer	7

•	Place
	Alberta
	Alberta - Banff
	Alberta - Calgary
	Australia
	Belgium
	British Columbia
	British Columbia - Agassiz
	British Columbia - Avola
	British Columbia - Barkerville
	British Columbia - Blue River
	British Columbia - Boston Bar Creek
	British Columbia - Bowen Island
	British Columbia - Brentwood Bay
	British Columbia - Bridal Falls
	British Columbia - Buntzen Lake
	British Columbia - Burrard Inlet
	British Columbia - Campbell River
	British Columbia - Cheam Peak
	British Columbia - Chilliwack
	British Columbia - Choate
	British Columbia - Cisco
	British Columbia - Como Lake
	British Columbia - Coquihalla

Person/Organization

A & Aero Trading Salvage	2
A Savard Studio	1
A&H Plastering and Stucco	1
 A. MacKenzie and Company Jubilee Store 	6
A.R. Orruck studio	1
A.S. Ward for Imperial Studio	1
AJ Equipment and Rentals Ltd.	1
Aasen, Margaret	1
Abdulla, Mohamed	1
Aberle, Kathleen	1
Adair, Annie T	4
Adair, Lucretia	2
Adam, Darryl	1
Adams, B.M.	1
Adams, Cliff	1
D Adams, G.	2
Adams, J.Q.	1
Adams, Jane	2
🗆 Adams, John	3
Adams, Joyce	1
Adams, Peter	2
Adams, Rocky	2
Adams, Shirley	1
Adams, Sophie	2
🗆 Adlem, Joan	2
Admiral Hotel	2
Aero Surveys Limited	60
Aida, Isabelle	1
Aitken, Cheryl	1
C Alanson Dudley	1

OneSearch

Version 1 website – 2008

- single search box
- links to separate results pages for each collection
- strict search syntax requirements
 - fixed layout

---- OneSearch

OneSearch is a special tool which allows you to search multiple databases at the same time. You can choose to search all four databases at once (Photographs, Textual Records, Artifacts and Heritage Landmarks), or you can pick the combination of databases that you wish to search from the list below. By default, all databases will be automatically selected for searching. After you have selected the desired database(s), simply enter in your keyword or phrase and hit the "search" button.

A list will then be displayed below the search box showing how many results were found in each of the databases that you selected. To see the results in each database, hit "View Results".

Any word or phrase: hart house

SEARCH RESET

Historical Photograph Collection - City Archives

- Artifact Collection Burnaby Village Museum
- Heritage Landmarks City of Burnaby Planning Department
- Textual Collections City Archives
- Textual Collections Bylaws
- Textual Collections Council Reports
- Oral History Collections City Archives

Your search results...

Photograph Collection - City Archives found 61 results for 'hart* & house*' View Results

Artifact Collections - Burnaby Village Museum found 0 results for 'hart* & house*'

Heritage Landmarks - City of Burnaby Planning Department found 3 results for 'hart' & house*'

View Results

Textual Collections - City Archives found 23 results for 'hart* & house** View Results

Textual Collections - Bylaws found 2 results for 'hart' & house*'

💡 Search Tips

within search boxes:

- For exact names and phrases use quotes ("Hastings Street" or "Gilmore Avenue School")
- Use / for OR (BCER / British Columbia Electric Railway)
- Use ! for NOT (Sports ! games)

special characters:

- Use * to truncate (e.g. farm* finds farm, farms, farming, etc.)
- Use >, <, >=, <= for greater or less than (e.g. <= 1999 finds dates earlier than 1999 inclusive)
- Use : to search a range (e.g. 1999:2003, example:sample)

Charting Change Atlas

Added links allowed collaborative projects







HOME RESEARCH NEWS ATLAS ABOUT US CONTACT US

Native / Early Burnaby - Up to Help Maps + **Burrard Inlet** 1904 1892 pop. 300 1904 pop. 800 Pacific Railway 1886 The earliest known human occupation of the Lower Fraser Valley dates to approximately 10,000 years ago, shortly after the retreat of the last glaciers. **Hastings Barnet Road** Douglas Road 1903 1865 Prior to 1900, Hastings Street in Vancouver (named after Rear Admiral George Fowler Hastings, commander of Her Majesty's Pacific Coast Squadron) only extended eastward as far as Renfrew Street. By 1903, Hastings Barnet Road 1 1903 North Pacific Lumber Company Ruins however, with operations at the Barnet Mill expanding, a direct route into Vancouver Barnet Highway 1909 was deemed necessary and the Provincial Government ordered that Hastings be extended to connect with the rough trail known as the Barnet Road. Barnet Neighbourhood 1889-1904 **Burrard Inlet Burnaby Mountain** Vancouver, New West & Yukon Railway 1904 Barnet School 7820 Barnet Road 1899 Gilley's Logging Camp 1903 Aliceville 1886 North Road Photos Textual Records Bylaws 1859 Woodward Cottage 5141 Sperling Avenue 1904

Central Park Neighbourhood 1891-1904 BARNET

Limitations and the Case for Upgrades

- By 2013, limitations were recognized.
- New landing page and search interfaces required for every new media type.
- Re-organization of some holdings from archives to museum



2015 upgrade

Content Management System (Umbraco)

- New responsive design template chosen
- City IT web design team involvement for the first time
- City IT now responsible for site maintenance and design
- Collaboration on new content pages
- Blog added to showcase news and updates from all collections

Single search portal

Andornot Discovery Interface (AnDI)

- More forgiving search syntax
 - Apache Solr search engine
 - Automatic truncation
 - Did you mean and spelling corrections
- Integrated results displays
- Facets to filter results
- Responsive layout

Updated search functionality

Version 2 site – 2015

- 80,000 records from 19 different data sources
 - single search box
 - integrated results
 - <u>demo</u>

•



Search all Collections

Search the combined collections of the Office of the City Clerk, City of Burnaby Archives, the Burnaby Village Museum and the Burnaby Heritage Planning Program. Your search can be refined once you begin.

QAdvanced Search | Help

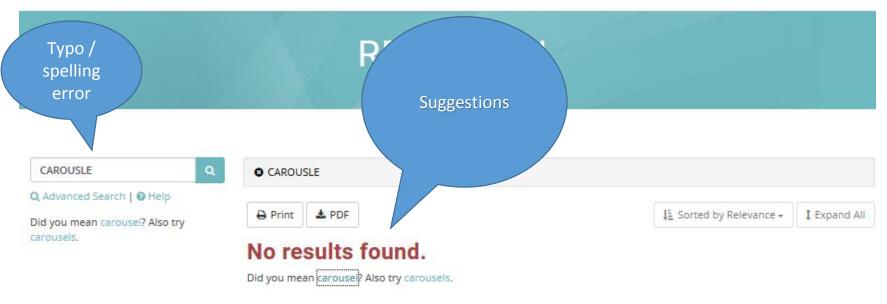
Heritage Burnaby	НОМЕ	RESEARCH ATL	AS NEWS	ABOUT US	CONTACT US	MY LIST: 0	
	Search term		H				In page display
hart house Q	S hart house						
Q Advanced Search @ Help							
Narrow By	 ➡ Print ▲ PDF 231 records - page 1 of 	f 10.		l≟ Sor	ted by Relevance 🗸	t Expand All	
▼ Type/Format	Hart I	House					
Artifact Artifact Artifact Artifact Book Capter Dok Council - Manager's Report Adopted Council - Manager's Report Adopted Dete Dete Date Subject	Add to Lit	r: City of B [191-] /Fonds: Mayor's n Level: Item escription: 1 photog 204-787 ocation: A/V Stord I Content: Photogra Lake. ETAIL	urnaby Archives Office fonds graph : b&w ; 12.7 x age aph of Hart House, a		ion," the Hart family	r home on Deer 1 Image Permalink	
Person/Organization							
Place	> Hart I						
* Mace	Repository Date:	y: City of B 1914	urnaby Archives				
Provenance	Collection/		Hart Bird collection	n			
Online Media Type	Description	n Level: Item					
	Physical De	escription: 1 photog	graph : sepia ; 4.5 x 5	5.5 cm			

Facets to refine search



HOME RESEARCH ATLAS NEWS ABOUT US CONTACT US MY LIST: 0

PERSONAL HISTORY . COLLECTIVE MEMORY



Atlas

News

About Us

Contact Us

Research

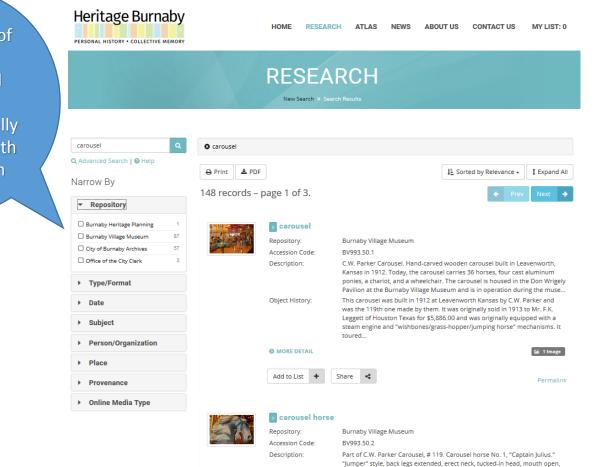
Home



12

Freedom of Information & Protection of Privacy

An example of finding unexpected records – carousel usually associated with the museum

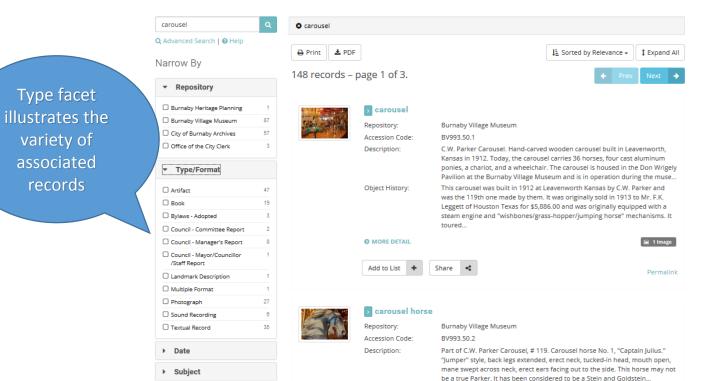


mane swept across neck, erect ears facing out to the side. This horse may not

be a true Parker. It has been considered to be a Stein and Goldstein.









Painted ponies : American carousel art

Repository: Burnaby Village Museum Reference Collection Collection: Type: Book ISBN: 0939549018 Call No.: 745 MAN Author: Manns, William Shank, Peggy Stevens, Marianne Place of Publication: Millwood, N.Y. Publisher: Zon International Publishing Co. Publication Date: 1992 Physical Description: 256 p. : ill. Subjects LoC: Merry-go-round art -- United States Includes bibliographical references and index. Notes:

Example of a book in the museum library with the cover image pulled from OpenLibrary.org

C LESS DETAIL

Add to List 🔸 Share <



Carousel animals : artistry in motion

Fraley, Tobin. San Francisco: Chronicle Books , c2002. (Book) 731.832 FRA Repository: Burnaby Village Museum

O MORE DETAIL



Permalink

Permalink



An example of a council committee report with links to the full text

			New Search » Se			
carousel	Q	Carousel / C	Council - Committee Rep	port		
Q Advanced Search @ Help Narrow By		₽ Print ▲ PDF 2 records – pa			La Sorted by Relevance -	t Expand All
Repository			0			
▼ Type/Format		Jan.	Burnaby Cent	ennial Carousel Project Wra	p-Up and Financial Sumr	nary
Artifact	47	dan menangkan kanangkan menangkan menangkan kanangkan kanangkan kanangkan kanangkan kanangkan kanangkan kanang Manangkan kanangkan ka	Repository:	City of Burnaby Archives		
Book	19	A CLARK PROPERTY AND	Report ID:	12892		
Bylaws - Adopted	3	1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	Meeting Date:	12-Oct-1993		
Council - Committee Report			Type/Format:	Council - Committee Report		
Council - Manager's Report	8		Collection/Fonds:	City Council and Office of the C	ity Clerk tonds	
Council - Mayor/Councillor /Staff Report	1		Documents			
Landmark Description	1		Report 1289	2 (PDF)	12-Oct-1993 Meeting Min	utes (PDF)
Multiple Format	1		\wedge	4	$ \land $	
Photograph	27					
Sound Recording	6		C LESS DETAIL			
C Textual Record	35		Add to List +			Permalink
▶ Date						
Provenance			Construction	Progress Report on the Bur	naby Carousel Building	
 Online Media Type 			Repository:	City of Burnaby Archives		
		2000 contraction of the second	Report ID:	12854		
		See See	Meeting Date:	12-Jul-1993		
		<u></u>	Type/Format:	Council - Committee Report		
			Collection/Fonds:	City Council and Office of the C	ity Clerk fonds	

RESEARCH

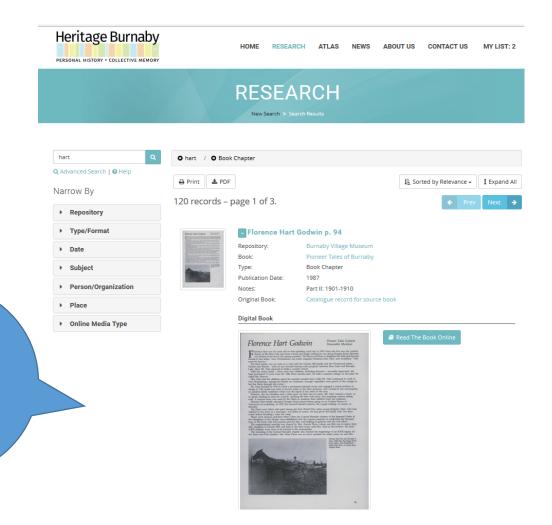




			RESE	ARCH			
			New Search > 5				
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Advanced Search 🛿 Help	_						· ·
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апом ву		6 records – pa	ge 1 of 1			← Prev Next →	recording contains
Repository		orecordo pa	50 1 01 11				recording contains
 Type/Format 			Interview wit	h Dennis Brown by Ei	ric Damer September 1	8, 2012 - Track 1	extensive
Artifact	47		Repository:	City of Burnaby Archi	ves		information plus
Book	19		Summary:		cording pertains to Dennis Br		
Bylaws - Adopted	3			as a teenager, attend basic training for the	ling Burnaby South High Schoo air force in 1944	ol as well as completing	an embedded
Council - Committee Report	2		Date Range:	1941			
Council - Manager's Report	8		Length:	0:07:31			audio player
Council - Mayor/Councillor /Staff Report	1		O MORE DETAIL			🖓 1 Audio 🔄 1 Image	
Landmark Description	1						
Multiple Format	1		Add to List +	Share 📢		Permalink	
Photograph	27						
Sound Recording							
Textual Record	35		Interview wit	h Dennis Brown by E	ric Damer September 1	8, 2012 - Track 2	
Date		10 C-10	Repository:	City of Burnaby Archi	ves		
 Subject 			Summary:		cording pertains to Dennis Br s first memories of meeting hi		
			Date Range:	1942-1944			
Person/Organization			Length:	0:07:26			
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Online Media Type			Add to List +	Share <		Permalink	
						Permaiink	

Additional facets can limit results further

carousel	Q	carousel				
Advanced Search 🛛 Help						
Varrow By		Print PDF	and 1 of 3		Li≦ Sorted by Relevance -	t Expand Al
 Repository 		140 records - p	age 1015.		• Piev	NEXI 7
Type/Format			S carousel			
▶ Date		Carl and the	Repository:	Burnaby Village Museum		
- Dute			Accession Code:	BV993.50.1		
Subject			Description:	C.W. Parker Carousel. Hand-carved Kansas in 1912. Today, the carous		
Person/Organization				ponies, a chariot, and a wheelchai Pavilion at the Burnaby Village Mu		
Place			Object History:	This carousel was built in 1912 at Leavenworth Kansas by C.W. Parker and was the 119th one made by them. It was originally sold in 1913 to Mr. F.K.		
 Provenance 				Leggett of Houston Texas for \$5,88 steam engine and "wishbones/gra toured		
Alvin Burtch fonds	1		O MORE DETAIL			🔚 1 Image
 Burnaby Historical Society Community Archives Collection 	2		Add to List +	Share <		
 Burnaby Village Museum Photograph Collection 	21		Add to List	Share		Permalink
City Council and Office of the City Clerk fonds	14		> carousel hor			
Community Heritage Commission Special Project fonds	6		Repository: Accession Code:	Burnaby Village Museum BV993.50.2		
Donald N. Brown collection	4		Description:	Part of C.W. Parker Carousel, # 119	9. Carousel horse No. 1. "Capt	ain Julius."
Friends of the Carousel fonds	31			"Jumper" style, back legs extended	l, erect neck, tucked-in head, i	mouth open,
Mayor s Office fonds	1			mane swept across neck, erect ear be a true Parker. It has been consi		
Parks and Recreation Department fonds	1		Object History:	Carousel horse. Part of the C.W. Pa Village Museum. Name: Originally horse on the PNE Carousel. It was	arker Carousel on display at ti named Julius Caesar, this was	he Burnaby the lead
 Online Media Type 				Wrigley station wagon to all the fu sponsored		
Audio	6		• MORE DETAIL			🖬 1 Image
Document	14					
🗆 Image	75		Add to List +	Share <		



New in 2015 – Digitized books included with option to read online

More integration = more need for collaboration

Decisions on:

- Terminology
- Relevance ranking algorithm
- Results display formatting
- Advanced and additional search options
- Staff workflow

Terminology / who is the site for?

User profiles / needs & expectations

City staff

Researchers Genealogists News media Students The "public"

Plain Language

Agreement to:

- -
- Alvin Burtch fonds

 Repository: City of Burnaby Archives
 Date: 1923-1953
 Collection/Fonds: Alvin Burtch fonds

- Minimize jargon
- Minimize abbreviations
- Standardize terminology across collections

Lengthy discussions around facet labels:

- Type/Format
- Provenance

Relevance ranking and sorting

Algorithm

- Records for historic Landmarks boosted to appear first
- Experimentation required to determine optimum boost percentage

Sorting

• Relevance + title, not by date

Mapping crosswalks

- Metadata mapped for each of the 19 data sources
- Decisions for 100's of fields required
- Challenging for staff to visualize outcomes

1	Textbase Field	Solr Field	Freetext Label	
2				
3	DescriptionsID	id, srcid	n/a	
4	PartOf	setName	Collection/Fonds	
5	DescriptionLevel	level, notes_free	Description Level	
6	FondsNo	fondsno	Fonds No.	
7	SeriesNo	seriesno	Series	
8	FileNo	fileno	File No.	
9	AccessionNo	freetext	Accession No.	
10	Title	title	Title	
11	GMD	n/a	n/a	
12	ParallelTitle	title_free	Parallel Title	
13	OtherTitleInfo	title_free	Other Title Info	
14	Responsibility	name_free	Responsibility	
15	Edition	notes_free	Edition	
16	StartDate	date, year, startyear	n/a	
17	EndDate	date, endyear	n/a	
18	DateRange	date_free	Date	
19	Publication	n/a	n/a	
20	PhysicalDescription	physicalDescription_free	Physical Description	
21	HistoryBiographical	notes_free	History/Biography	
22	CustodialHistory	n/a	n/a	
23	ScopeContent	notes_free	Scope and Content	
24	Notes	notes_free	Notes	
25	ItemNo	itemno, identifier_free, catalogno	Item No.	
26	ItemNoRange	n/a	n/a	
27	StorageLocation	notes_free	Storage Location	
28	StorageRange	n/a	n/a	

Mapping decisions

- Should a field be included in a facet?
- Inconsistent formats
 - Names reversed, eg. Smith John and John Smith
 - Thesaurus fields were chosen as these are consistent
 - Additional fields added to thesaurus
 - Consistency scripted on ingest for some fields, eg. Burnaby added to all Landmark records
- Some fields only applicable to a subset of records
- Will users understand that they may have eliminated other types?

Mapping decisions

- Should a field be included in the brief display?
- What order should the fields be displayed in?
- Should a field be enabled as a See Also hyperlink?
- What should the field be labelled?

Dates

- Not all records have dates, eg artifacts
- Museum records omitted if date facet used

A No dates are available in the artifacts or landmarks collections, therefore li	miting a search by date will a	utomatically excl	ude those records.	
	From Year		To Year	
	1900	-	1930	-
1681 1890 1910 1930 1950 1970 1990 2010				

- Archives & City staff desire a date sort
- Specific dates needed for council records
- Version 3?

Advanced search page

Loss of granularity for some data sources

Search all Collections

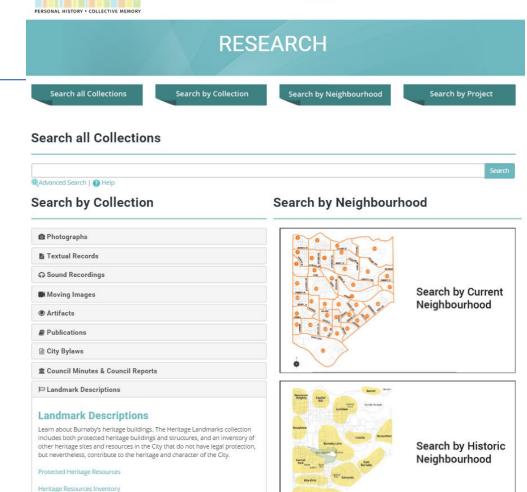
					Searc
Help					
Advanced Search	Browse Names	Browse Subjects Browse Places			
Type/Format					
Artifacts		Bylaws	Council Reports	Photographs	
Books		Cartographic Material	Landmark Description	Sound Recordings	
Book Chapters		Council Minutes	Moving Images	Textual Records	
Catalogue No.					
A No dates are	e available in the arti	facts or landmarks collections, therefore lir	niting a search by date will automatically	exclude those records.	
_			From Year	To Year	
			1681	2015	\$
	1 1				hanna a

	age Burnaby	HOME ABOUT US CONTACT US
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INI	N Constantin	MUNICIPALITY © OF © BURNARY
->	Council Reports Search	
	Any Word or Phrase (Quick search):	Search Tips
	Or Narrow Your Search Below:	<pre>within search boxes: For exact names and phrases use quotes ("Brentwood Town Centre")</pre>
AND 🔻		• Use / for OR (SFU / Simon Fraser
AND V	Meeting Date:	University) • Use ! for NOT (Gilpin Crescent ! Gilpin Street)
	Source / Department: A-Z Index	special characters:
AND ¥	Limit by Report Type: Committee Report @ Manager's Report Mayor Councilor Staff Report SEARCH RESET	 Use * to truncate (e.g. vote* finds vote; vote; vote; vote; * for ise for genetic or ise that detog earlier than 1000 inclusive; Use : to search a range
	Textual Records Collection	(+.g. 1892:1900, example:sample)
	Textual Records Bylaws Council Reports Council Minutes	
		TOP

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- Additional ways to access the content
- Maps
- Canned searches
- Permalinks to individual records



Heritage Burnaby

Cross department staffing

Integrated results required compromises:

- Add to cart can now contain items from multiple repositories
- Difficult to staff therefore:
 - Agreed to eliminate previous request more information option
 - Agreed to eliminate previous photo commenting option

Benefits

"A big part of my day, every day, is conducting research on the history of Burnaby.

I am finding many wonderful connections between photos, records, landmarks, artifacts, and library resources. It is fast, powerful, elegant, and easy to use." (Lisa Codd, Curator)



Contact:

Heritage Burnaby staff (via heritageburnaby.ca) or

Andornot (info@andornot.com) for further information: