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# OPTION OPPORTUNITY

## VICTORY GROUP - SMITHERS AREA

### Au, Ag, Pb, Zn, and Cu

The Victory Group is a collection of 6 claims covering some 115 ha located on the Southwest slope of Hudson Bay Mountain and 12 km due west of Smithers, B.C. The claims lie 54 deg 47 min N latitude and 127 deg 22 min W longitude and can be found on map 093 L 14 West.

Distance to the site is 30 km by road from Smithers and travel time is about 45 minutes.

Elevations range from 3400' to 5300'.

The Duthie mine and mill is located 2 km to the south. It has been suggested that the Victory Group's and the Duthie's orebody are both part of a larger system of similar structures found in the area. To date 84,000 tons of ore have been recovered and milled from this (Duthie and Dome) property.

The Victory Group was first staked as 3 claims in 1906 by D.C. Simpson. Since expanded to 6 claims, it has essentially remained in family hands from that time.

The primary Victory vein has been traced from trenches, surface outcrops and adits to be some 1,200 m long and as such extends considerably past current tunnels. Mineralization consists of arsenopyrite, pyrite, sphalerite, galena and chalcopyrite over a width averaging about 0.8 m. There are locally high grade shoots of polymetallic ore. Production to date indicates 58 tons at 0.31 oz/ton gold, 42.7 oz/ton silver, 32% lead and 3% zinc. Number 4 adit sampled out over a 1.0 m 18 m zone at 0.5 oz/ton gold, 12 oz/ton silver, 6.4% lead and 1.1% zinc (reference: Minfile).

Where the vein is massive and well defined, silver values from 12 to 35 oz/ton can be expected with lead and zinc running 10% to 15% each. Where silver occurs over 10 oz/ton, gold values in the 0.1 oz/ton are common (reference: Harrison, Don J., Report on the Victory Property in the Omineca Mining Division, Central B.C., Sept. 12, 1988, 25p.).

Four adits exist as follows:

#1 adit 200 m in length  
#2 adit 84 m in length  
#3 adit 70 m in length  
#4 adit 6 m in length

To the best of our knowledge, there has been no surface drilling to date, no soil sampling and only limited geophysical surveys. That being the case, in combination with the promising sampling and production data, makes this property a good candidate for further exploration.

The claim particulars are as follows:

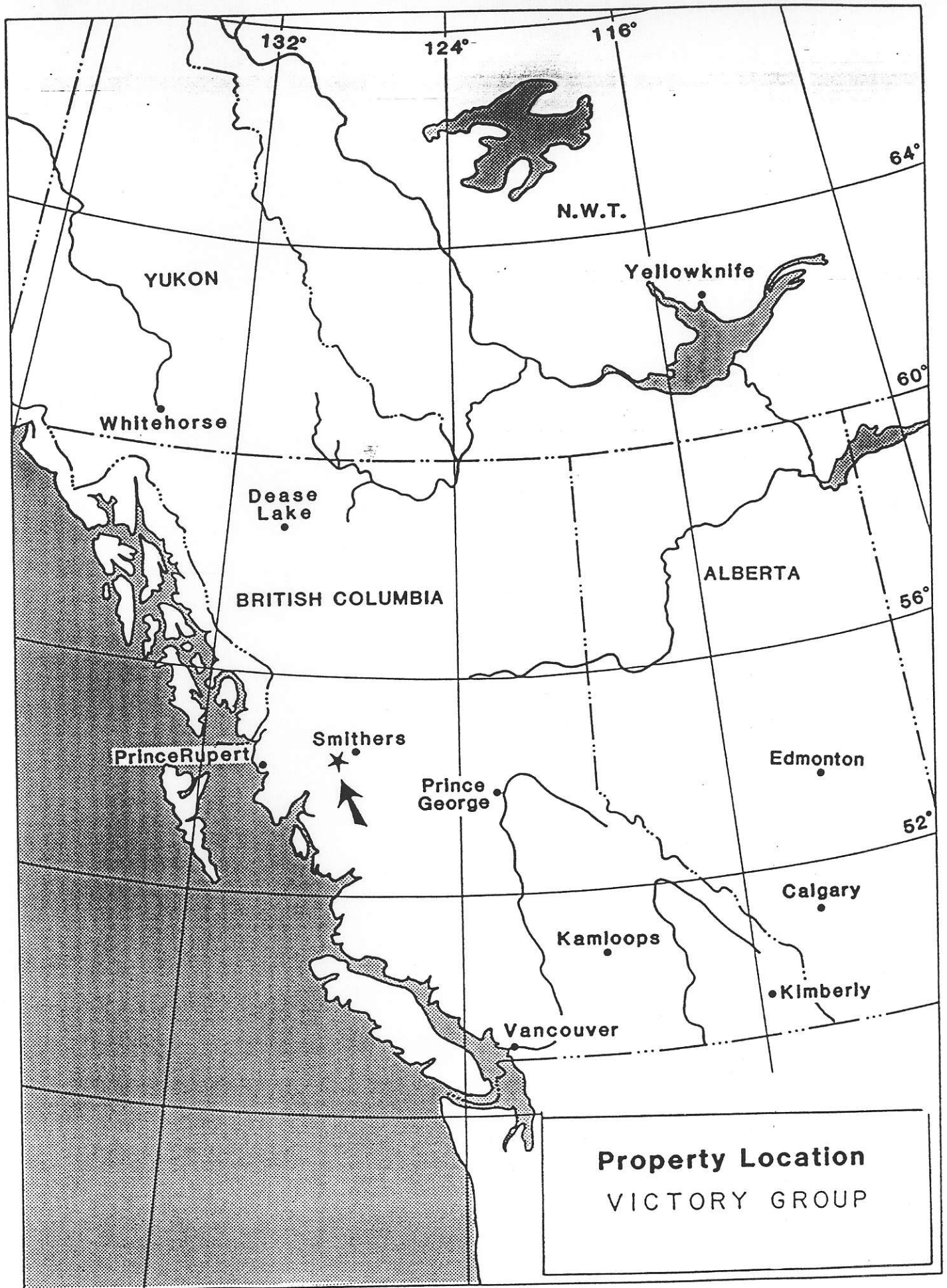
<u>Claim Name</u>	<u>Tenure No.</u>	<u>Units</u>
Victory Fr.	239748	1
Victory	243562	1
Triumph	243563	1
Torrent	243564	1
Safety	243565	1
Standard	243566	1

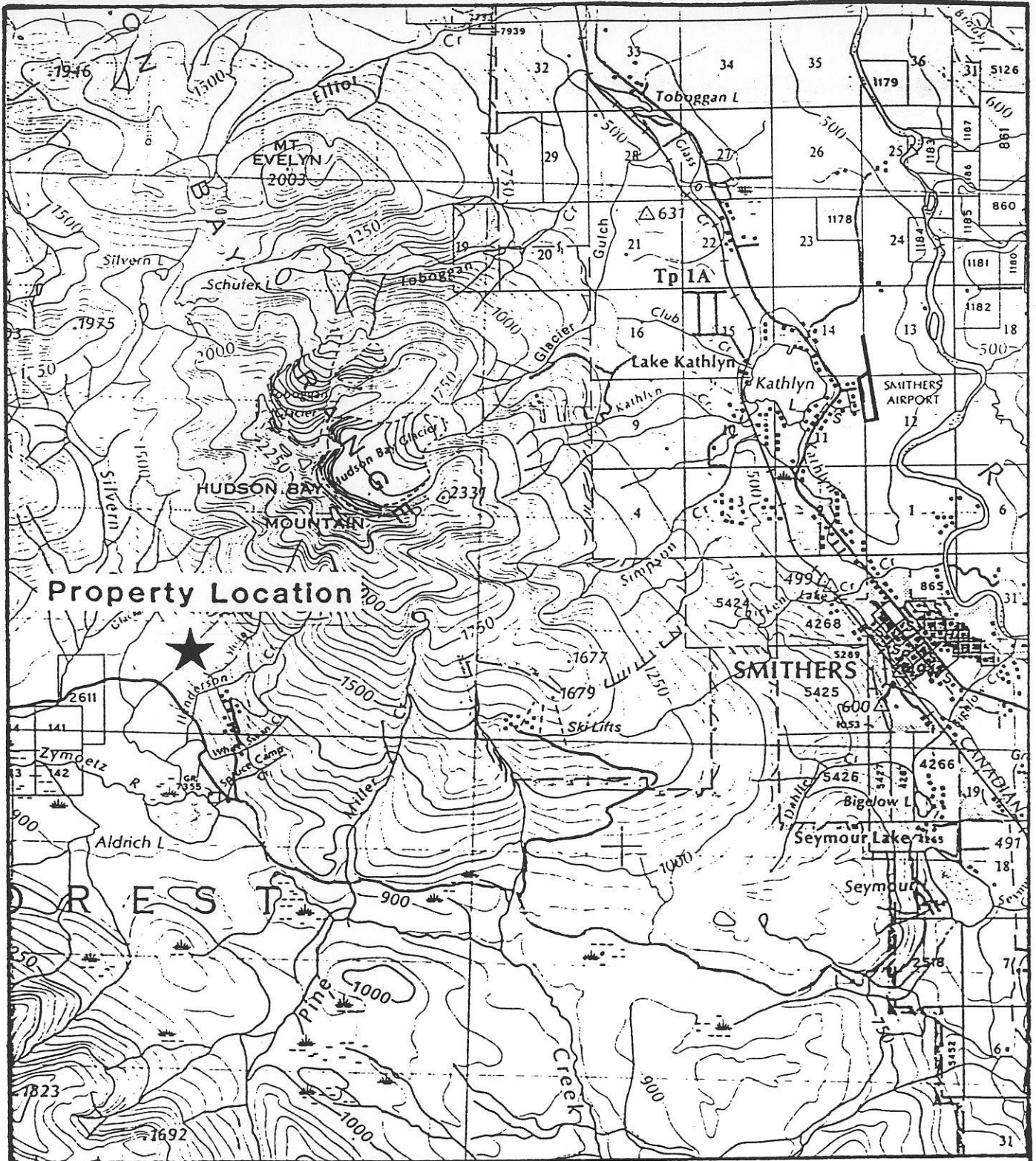
We are looking for a company wishing to examine the possibilities of optioning this property. For further information, please contact:

Elizabeth Cameron or Ron Gray

8 Deerwood,  
Kamloops, B.C.  
V2H 1N7

phone 250-573-3130





Property Location

TELKWA RIVER

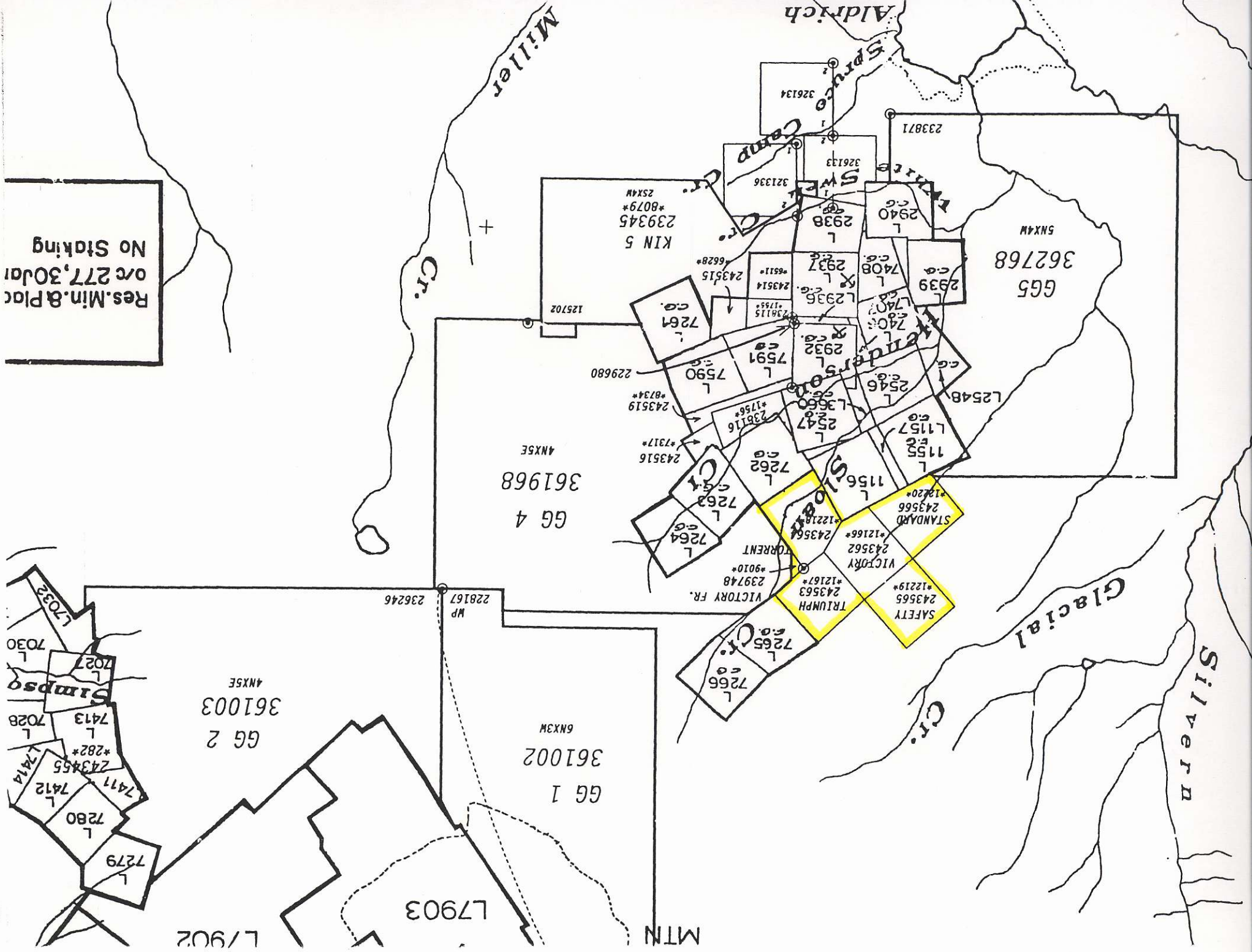
Scale 1:100 000  
 (1 cm = 1 km)

- VICTORY GROUP -  
 CLAIM MAP

MAP 93 L/NW



Res. Min. & Plat  
over 277, 30 da  
No Staking



L/902

L7903

MTN

GG 1

361002

6NX3M

GG 2

361003

4NX5E

GG 4

361968

4NX5E

362768

5NX4M

GG 5

125702

229680

243519

\*8734\*

243516

\*7317\*

7262

L

CO

1156

L

1157

L

1155

L

1157

L

1155

L

239748

\*9010\*

243563

\*12167\*

243564

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243562

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243566

\*12218\*

243566

\*12220\*

239748

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\*12218\*

243566

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**MINFILE NUMBER: 093L 092**

NATIONAL MINERAL INVENTORY: 093L14 Au3

NAME(S): TORRENT, MARGARET, DOMINION, NEWCASTLE, VICTORY

STATUS: Showing

MINING DIVISION: Omineca

REGIONS: British Columbia

NTS MAP: 093L14W

UTM ZONE: 09 (NAD 27)

LATITUDE: 54 47 00 N

NORTHING: 6071710

LONGITUDE: 127 21 09 W

EASTING: 605954

ELEVATION: 1326 Metres

LOCATION ACCURACY: Within 500M

COMMENTS: Located on east bank of Sloan Creek on Hudson Bay Mountain, 11.3 kilometres west of Smithers; Torrent is part of the Victory Group (see 093L 093).

COMMODITIES: Gold Zinc Silver Copper Lead

**MINERALS**

SIGNIFICANT: Sphalerite Chalcopyrite Galena Arsenopyrite Pyrite

ASSOCIATED: Quartz

MINERALIZATION AGE: Unknown

**DEPOSIT**

CHARACTER: Vein Breccia

CLASSIFICATION: Epigenetic Hydrothermal

TYPE: I05 Polymetallic veins Ag-Pb-Zn-Au

DIMENSION:

STRIKE/DIP: 045/90

TREND/PLUNGE:

COMMENTS: Mineralized shear zone strikes northeast with a near vertical dip.

**HOST ROCK**

DOMINANT HOST ROCK: Volcanic

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STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Lower Jurassic	Hazelton	Telkwa	

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LITHOLOGY: Andesite Breccia Flow Breccia Rhyodacite Lapilli Tuff

**GEOLOGICAL SETTING**

TECTONIC BELT: Intermontane

PHYSIOGRAPHIC AREA: Hazelton Ranges

TERRANE: Stikine

METAMORPHIC TYPE: Regional

RELATIONSHIP: Syn-mineralization GRADE: Greenschist

Post-mineralization

**INVENTORY**

ORE ZONE: SAMPLE

REPORT ON: N

CATEGORY: Assay/analysis

YEAR: 1928

SAMPLE TYPE: Grab

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COMMODITY	GRADE
Silver	92.5700 Grams per tonne
Gold	5.8300 Grams per tonne

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COMMENTS: 1.2 metre wide sample.

REFERENCE: Property File - L. Batten, (1928): Victory Group, Smithers, B.C.

### CAPSULE GEOLOGY

The Hudson Bay Mountain area is underlain mainly by volcanic rocks of the Lower Jurassic Hazelton Group, Telkwa Formation. Pyro- clastic rocks, particularly lapilli tuff, of intermediate composition are the most abundant. Three main groups of felsic intrusions have been recognized in the district. These include felsites, grano- diorites and Tertiary porphyries. Mineralization in the area seems to be genetically related to the Tertiary porphyry intrusions.

Mineralization on the Torrent claim occurs in a shear zone about 2.0 metres in width. The zone is within brecciated andesite and strikes northeast with a near vertical dip. Mineralization consists mainly of sphalerite, arsenopyrite, pyrite and lesser amounts of galena and chalcopyrite. A sample from a 1.2 metre width of mineralization assayed 5.83 grams per tonne gold, 92.57 grams per tonne silver and 3.8 per cent zinc (Batten, 1928).

### BIBLIOGRAPHY

EMPR AR 1908-172; 1909-84; 1911-118; 1914-216; 1963-129

EMPR EXPL 1985-C320; 1988-C173

GSC SUM RPT 1908, p. 45; 1925A, p. 134

GSC EC GEOL 4, p. 45

EMPR MAP 69-1

GSC P 44-23

EMPR ASS RPT 505, 14300, 17773

EMPR PF (Rpt. L. Batten, 1928: Victory Group, Smithers, B.C.)

GSC OF 351

GSC BULL 270

EMPR FIELDWORK 1988, pp. 195-208

Kirkham, R.V., (1969): A Mineralogical and Geochemical Study of the Zonal Distribution of Ores in the Hudson Bay Range, British Columbia, Ph.D. Thesis, University of Wisconsin

DATE CODED: 850724

N

DATE REVISED: 880618

N

CODED BY: GSB

REVISED BY: LLD

FIELD CHECK:

FIELD CHECK:

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**MINFILE NUMBER: 093L 093**

NATIONAL MINERAL INVENTORY: 093L14 Pb2

NAME(S): VICTORY, TRIUMPH, STANDARD, TORRENT

STATUS: Past Producer Underground

MINING DIVISION: Omineca

REGIONS: British Columbia

NTS MAP: 093L14W

UTM ZONE: 09 (NAD 27)

LATITUDE: 54 47 10 N

NORTHING: 6072012

LONGITUDE: 127 21 25 W

EASTING: 605661

ELEVATION: 1158 Metres

LOCATION ACCURACY: Within 500M

COMMENTS: Located on southwest side of Hudson Bay Mountain, 12 kilometres west of Smithers. Victory claims extend into Myrtle and Iron King claims (093L 094).

COMMODITIES: Silver Lead Zinc Gold Arsenic

**MINERALS**

SIGNIFICANT: Arsenopyrite Tetrahedrite Galena Sphalerite Chalcopyrite Pyrite

ALTERATION: Sericite Clay Quartz Carbonate Fuchsite Chlorite Pyrite

ALTERATION TYPE: Silicific'n Chloritic Pyrite Sericitic Carbonate

MINERALIZATION AGE: Unknown

**DEPOSIT**

CHARACTER: Vein

CLASSIFICATION: Epigenetic Hydrothermal Industrial Min.

TYPE: I05 Polymetallic veins Ag-Pb-Zn-Au

**HOST ROCK**

DOMINANT HOST ROCK: Volcanic

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STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Lower Jurassic	Hazelton	Telkwa	
Cretaceous-Tertiary			Bulkley Intrusions

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LITHOLOGY: Rhyolite Lapilli Tuff Andesite Flow Tuff Flow Breccia Rhyolite Flow Granodiorite

HOST ROCK COMMENTS: Mineralization is located near the sedimentary unconformity between Bowser Lake Group sediments and Hazelton Group volcanics.

**GEOLOGICAL SETTING**

TECTONIC BELT: Intermontane

PHYSIOGRAPHIC AREA: Hazelton Ranges

TERRANE: Stikine Plutonic Rocks

METAMORPHIC TYPE: Regional

RELATIONSHIP: Syn-mineralization GRADE: Greenschist

**INVENTORY**

ORE ZONE: ORE SHOOT

REPORT ON: N

CATEGORY: Assay/analysis

YEAR: 1932

SAMPLE TYPE: Grab

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**COMMODITY**  
Silver

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**GRADE**  
358.3000 Grams per tonne



Gold	15.1000 Grams per tonne
Lead	6.4000 Per cent
Zinc	1.1000 Per cent

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COMMENTS: Selective sample by D. Lay in 1932. Proven quantity; grade unstated in 1953.  
 REFERENCE: GSC Bulletin 1, page 53; EMR Mineral Bulletin MR #198, page 238

## CAPSULE GEOLOGY

The host rocks consist of Lower Jurassic Hazelton Group volcanics of the Telkwa Formation comprised mainly of massive andesite, andesitic flows, flow breccia, tuff, and rhyodacite to rhyolite flows. The volcanics are unconformably overlain by Upper Jurassic Bowser Lake Group sediments comprised of a basal pebble conglomerate overlain by a monotonous series of siltstone, mudstone, greywacke, and slate all dipping in a southerly direction. These rocks are intruded by a Late Cretaceous to Tertiary Bulkley Intrusion comprised of granodiorite with associated quartz-feldspar porphyry dikes.

The rhyolitic and andesitic flows, breccia, and tuff show vein fissure infillings along sheared zones and faults which host sulphide mineralization. In order of abundance, the mineralization comprises arsenopyrite, galena, sphalerite, tetrahedrite and chalcopyrite. The sheared wall rock is bleached to light yellow and is silicified. The main mineralized zone is richest in galena, sphalerite and tetrahedrite and is located near the sedimentary unconformity. Depending on the proximity to the main Victory vein, the volcanic rock exhibits varying degrees of silicification, chloritization and pyritization. Pervasive sericitization and silicification is prevalent along the majority of shears. The alteration assemblage is typically sericite, clay, quartz and carbonate with bright fuchsite.

The Victory vein, is prospected by four adits and is known to extend approximately 1200 metres along strike from exposures in trenches, adits and surface outcrops. The main shear trends between 030 to 040 degrees and ranges in width from 0.25 to 2.0 metres. The main zone is hosted within a fractured shear zone and smaller peripheral splays in the rhyolitic rocks. The mineralization consists of fissure infilling containing galena, sphalerite, tetrahedrite, arsenopyrite and chalcopyrite. Silicified and chloritized rhyolite lapilli tuff represents the host lithology. A 13 centimetre channel sample across the main zone assayed 14.4 grams per tonne gold, 501.9 grams per tonne silver, 23.45 per cent lead and 13.36 per cent zinc (Geological Survey of Canada Bulletin 1).

Adit No. 2, at elevation 1209 metres, intersects altered and fractured andesite containing stringers of galena, sphalerite, arsenopyrite, and minor tetrahedrite and chalcopyrite. A 56 centimetre channel sample assayed 1.5 grams per tonne gold, 83.7 grams per tonne silver, 2.78 per cent lead, and 2.11 per cent zinc.

Adit No. 3, at elevation 1245 metres, shows altered and sheared andesite with stringers and pockets of arsenopyrite with minor galena and sphalerite. The No. 4 adit, at elevation 1282 metres, consists of altered and fractured andesite with well mineralized stringers consisting mainly of arsenopyrite. In 1932, D. Lay selectively sampled No. 4 adit ore shoot 18 metres long and 1.0 metres wide. The sample assayed 15.1 grams per tonne gold, 358.3 grams per tonne silver, 6.4 per cent lead and 1.1 per cent zinc (Geological Survey of Canada Bulletin 1, page 53).

In 1987 to 1988, rehabilitation of some of the underground workings was initiated. An old drift was slashed for 61 metres and extended about 38 metres. Underground sampling of a vein in the new drift gave a zone grading 2.4 grams per tonne gold, 301.7 grams per tonne silver, 7.0 per cent zinc and 6.0 per cent lead (Assessment Report 14300).

In 1987, assays from the underground sampling ranged from 3.4 to 34.28 grams per tonne silver and 0.2 to 1.5 per cent lead and zinc. Where the vein hosts massive sulphides, the silver values range from 411.4 to 2000.0 grams per tonne and lead and zinc values run between 10 to 15 per cent. Gold values are associated with the silver at about a 1:100 ratio, and gold values of about 3.2 grams per tonne are associated with arsenic values in the order of 1.0 to 5.0 per cent (Assessment Report 17773).

Production between 1913 to 1936 inclusive, totalled 53 tonnes mined and contained 560 grams per tonne gold, 77,166 grams per tonne silver, 17,061 kilograms lead, and 1,778 kilograms zinc. Proven reserves were reported at 4,200 tonnes with no grade stated, in 1953 by Sil-Van Consolidated Mining & Milling Co. Ltd. (Energy, Mines and Resources, Mineral Policy, Corpfile).

## BIBLIOGRAPHY

- GSC MEM 226, pp. 77-80
- GSC SUM RPT 1925A, p. 134
- EMPR AR 1908-64; 1911-116; 1912-115; 1917-113; 1918-118; 1925-136; 1927-136; 1928-161; 1930-140; 1938-B39, C49; 1939-52, 92; 1950-100; 1952-93; 1956-62; 1966-86
- EMPR PF (Rpt. L. Batten, 1928: Victory Group, Smithers, B.C.; miscellaneous maps)

GSC BULL 1, p. 53; 270  
EMPR EXPL 1977-E197; 1985-C320; 1988-C172  
GSC MAP 971A  
GSC P 44-23  
EMR MP CORPFILE (Dorita Silver Mines; Sil-Van Consolidated Mining and Milling Co. Ltd.)  
EMPR MAP 69-1  
EMPR ASS RPT 13994, 14300, 17773  
GSC OF 351  
EMR MIN BULL #198, p. 238  
GCNL #62, Mar.29, 1988  
EMPR FIELDWORK 1988, pp. 195-208  
Kirkham, R.V., (1969): A Mineralogical and Geochemical Study of the Zonal Distribution of Ores in the Hudson  
Bay Range, British Columbia, Ph.D. Thesis, University of Wisconsin

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DATE CODED: 850724 N	CODED BY: GSB	FIELD CHECK:
DATE REVISED: 890525 N	REVISED BY: LLD	FIELD CHECK:

**MINFILE NUMBER: 093L 093**

NAME: VICTORY

STATUS: Past Producer

Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
1939	8		Silver	8,491	
			Gold	124	
1938	1		Silver	1,462	
			Lead		267
			Zinc		109
1925	11		Silver	12,099	
			Gold	62	
			Lead		2,717
			Zinc		1,669
1919	13		Silver	11,321	
			Gold	187	
			Lead		2,502
1915	16		Silver	31,352	
			Gold	187	
			Lead		10,124
1914	4		Silver	12,441	
			Lead		1,451

SUMMARY TOTALS: 093L 093

NAME: VICTORY

	Mined:	Metric		Imperial	
	Mined:	53	tonnes	58	tons
	Milled:		tonnes	tons	
Recovery:	Silver:	77,166	grams	2,481	ounces
	Gold:	560	grams	18	ounces
	Lead:	17,061	kilograms	37,613	pounds
	Zinc:	1,778	kilograms	3,920	pounds