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GOLD QUARRY AND GOLD RELIEF

NELSON MINING DISTRICT

NTS 82F 6W

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MINERALIZATION

GOLD QUARRY AND GOLD RELIEF

Highly anomalous assays determined from stream geochemical results on the Goldbug and the Dragon Gold property Groups, and from trenching on the Second Relief Mine Group, point to significant but yet undiscovered mineralization, of two types.

Type 1

The most significant for size are the young shatter zones with veinlets in granitic or competent sedimentary or volcanic rocks. These zones cover large areas and tend to be low grade, but of sufficient size for heap leach types of deposits.

Type 2

The other type of deposit identified in the Nelson District by Dr. P. Reid [Giveout Creek] appears to be stratabound gold bearing sedimentary and volcanic rocks, situated near the boundary of acidic porphyries.

These gold bearing zones are long thin lenses averaging 10-40 feet thick, for lengths of from 300 to 700 feet, grading better than 0.15 ounce per ton.

The lenses are within the sedimentary rocks and are part of the bedding. Gold mineralized lenses also occur within feldspar porphyritic rock; near a quartz rich zone. The gold rich porphyries produce coarse grained placer deposits of the Nelson District. [Fourtynine Creek and Hall Creek] The deposits tend to have significant vertical extent, and may evolve into large tonnage deposits.

Both deposit types produce fine gold particles during weathering. The best values in the fine fraction, from the creek sediments, tend to originate from the young shatter zones. The gold-rich porphyries tend to produce mainly coarse gold into the creeks.

Mr. T. Hoy, B.C. Government geologist (see open file 1989-11) has classified the Second Relief Mine as a major gold enriched skarn; compared to the Phoenix Mine (Greenwood) and the Nickel Plate Mine (Hedley). Other skarns have been mapped by Mr. Hoy, in the Nelson to Ymir area.

The best method of locating both deposit types 1 and 2, is to undertake stream geochemistry, followed by detailed contour soil sampling, prospecting, trenching and finally reverse, or rotary circulation drilling.

The Gold Quarry and Gold Relief properties are significant, as they are situated near known auriferous mineralization at the Second Relief Mine, and cover the favourable geology of the Nelson District, including the geological contacts with Nelson granodiorite intrusions which are genetically and spatially related to known mineral occurrences. The properties have great potential.

GOLD RELIEF AND GOLD QUARRY, NTS 82F 6W

SIZE : Gold Relief, 20 units, situated immediately West of the Second Relief Mine
Gold Quarry, 12 units, situated immediately South of the Second Relief Mine.

ACCESS:

by good forestry access roads along Eirie Creek, departing from Highway 3A, four km west of Salmo, and approximately 1 hour from Nelson, B.C.

PROPERTY GEOLOGY:

The properties are underlain predominantly by andesitic volcanics (Elise), greenstone, tuff, slate, quartzite and argillites. Both properties have well defined contacts between the Elise volcanics and the Nelson intrusions, and Gold Quarry also has contacts with the Archibald sedimentary unit (Ja).

According to the classification by Little (1960) the stratified rocks may be members of the Lower Jurassic Rossland Group (Elise) and Sinemurian beds (Ja). The upper part of the Sinemurian beds is characterized by increasing portions of lava and pyroclastic rocks whereas the overlying Elise volcanics consists mainly of andesitic lava flows and flow breccias.

According to Cockfield (1936), three generations of dykes have been recognized on the Second Relief property. Cross-cutting relationships show that predominantly northeast striking diorite porphyry dykes, predate mineralization. Granite porphyry dykes, striking north to northwest, post-date mineralization. Mica and hornblende lamprophyre dykes are deemed to represent the youngest dyke rocks.

Mineralization on the Second Relief property consists of subparallel veins, occurring mainly in greenstone and quartzite of the Elise - Archibald Groups. The veins strike northeast and dip generally to the northwest, at steep angles.

Mineralization is genetically and spatially related to the contact metamorphic effects of diorite porphyry dyke emplacement and intrusions of the Nelson (Jn) granodiorite intrusions.

HAWKEYE Developments plans a first stage program during 1989 of \$ 324,000 , and a second stage program of \$ 250,000 is recommended and contingent upon their obtaining encouraging results from the first stage.

Four Directors from NIM (National Investment Management [flow through funds]) are Directors of Hawkeye, including E. Robinson and D. Milburn.

Five major veins are recognized on the Second Relief property. The #1 vein, which supplied nearly all of the mine production, dips steeply to the northwest and has a strike length of over 300 metres. The #1 vein has been mined at 11 levels to a depth of nearly 400 metres.

Four other veins occur subparallel with the #1 vein or Second Relief vein. Of these four veins, no.2 has been trenched for 228 metres, and gold values range from 0.004 to 0.97 ounces of gold per ton across widths of 100 cm, or more.

ANY SOUTHERN PROJECTION OF THE FIVE MAJOR VEINS WOULD PASS NEARBY OR THROUGH THE GOLD RELIEF OR GOLD QUARRY PROPERTIES. The contact metamorphic effects, and cross-cutting relationships, in this immediate area, provide promising models to pursue during exploration and prospecting of Gold Relief and Gold Quarry.

AREA PARTICIPANTS: are Minnova, Teck, Corona (1989) and possibly Battle Mountain.

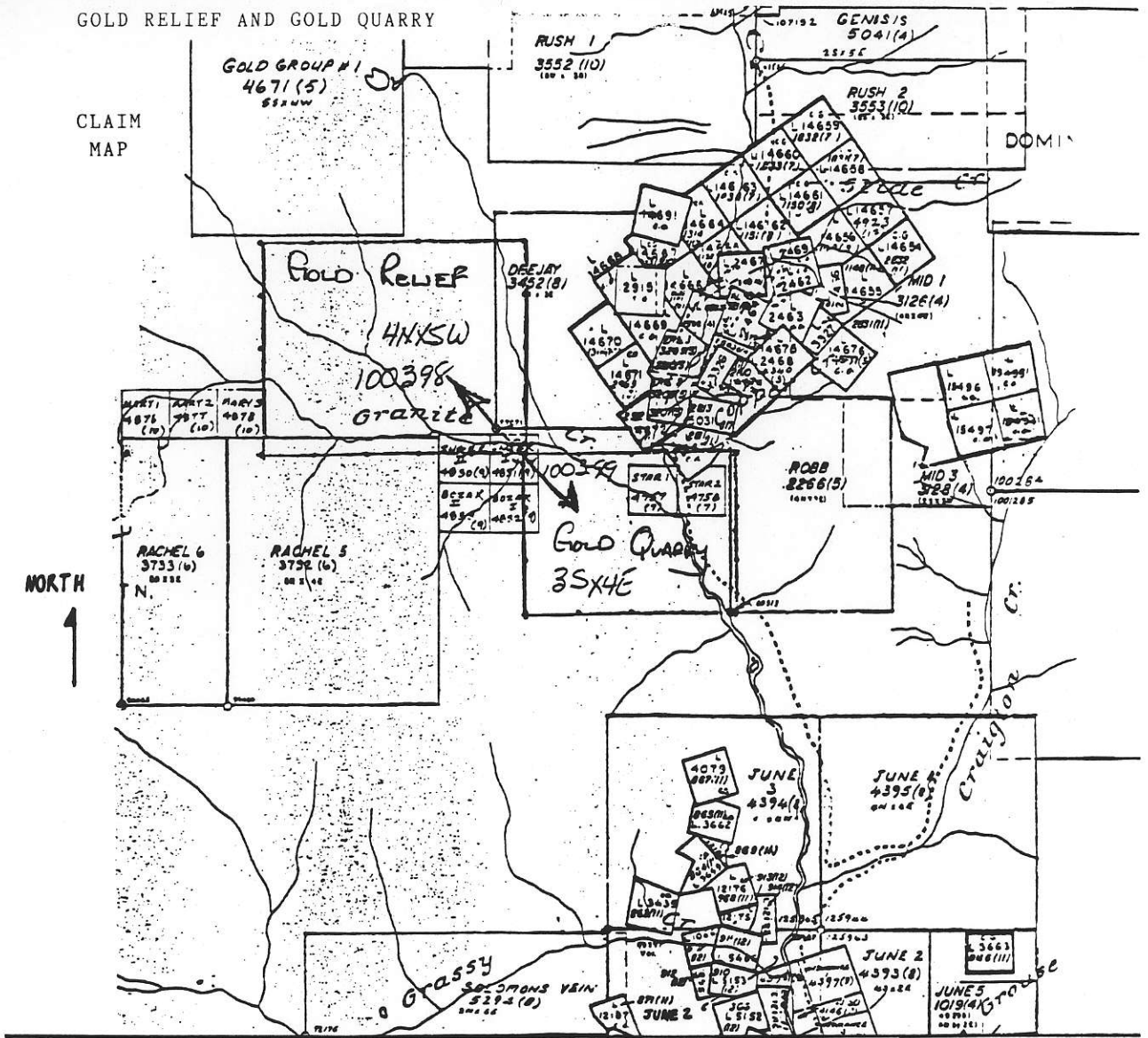
PRICE: A 85% property interest could be sold for consideration of cash and shares. Vendor will retain a NSR or net smelting interest.

Further details are available upon request.

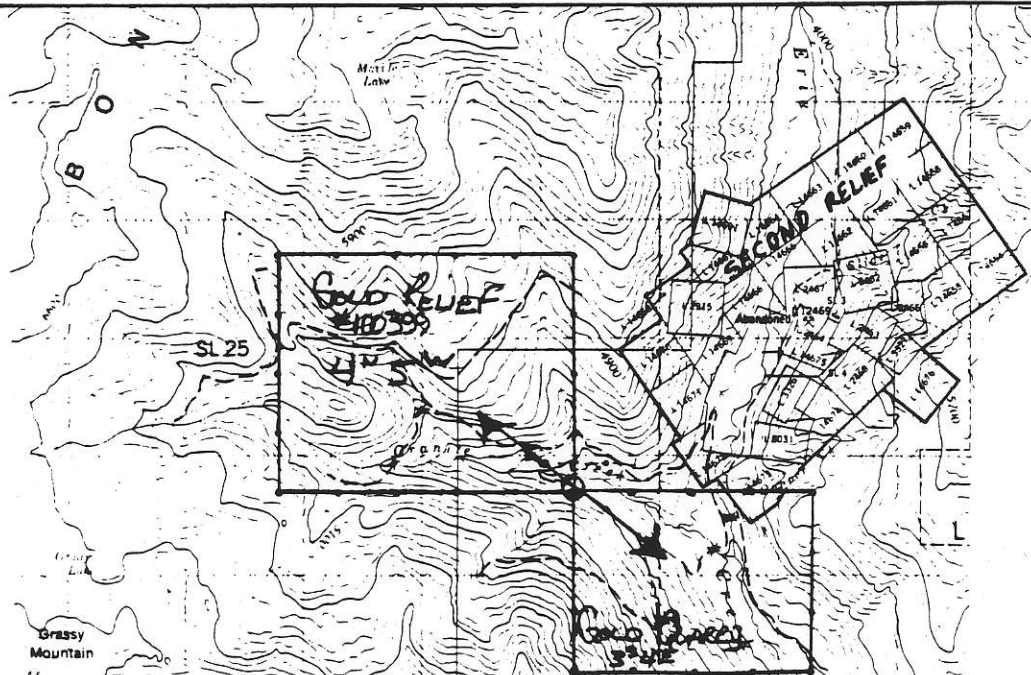
An associate of the Vendor will contact interested parties.

GOLD RELIEF AND GOLD QUARRY

CLAIM MAP



TOP MAP



L4079 HATTIE HATTIE
Arnold N°37 N° 36

L3662 HATTIE HATTIE
Maud 5 N°35 N°34

L3659 HATTIE HATTIE HATTIE HATTIE
3659 N° 33 Fr. N° 23 N° 24 N° 27 N° 28
Ontario

L3435 HATTIE HATTIE HATTIE
Rockford N°40 N° 21 N° 22 N° 25 N° 26
L12176 St. Louis
L12175 Gordon
L12177 Nelson

Grassy Cr. L1066 HATTIE HATTIE HATTIE
Monte Carlo L5466 N° 19 N° 20 N° 7 N° 8
Wood-Lenslyn

L5153 HATTIE HATTIE HATTIE
Copper King N° 18 N° 5 N° 6
L5152 Dora
L5151 Drills
L5150 Edie

Louise
L# 12187
Montreal
L# 2132
L# 2133

L3433 HATTIE HATTIE HATTIE
Homestate N° 15 N° 16 N° 3 N° 4

HATTIE HATTIE HATTIE HATTIE
N° 31 N° 32 N° 14 N° 21 N° 2

HATTIE HATTIE HATTIE
N° 29 N° 30 N° 13 N° 11 N° 12

L2461 Belle L2460 Rosa
HATTIE HATTIE
N° 11 N° 10

L3238 Bully Boy
L3237 Florence
HATTIE
N° 9

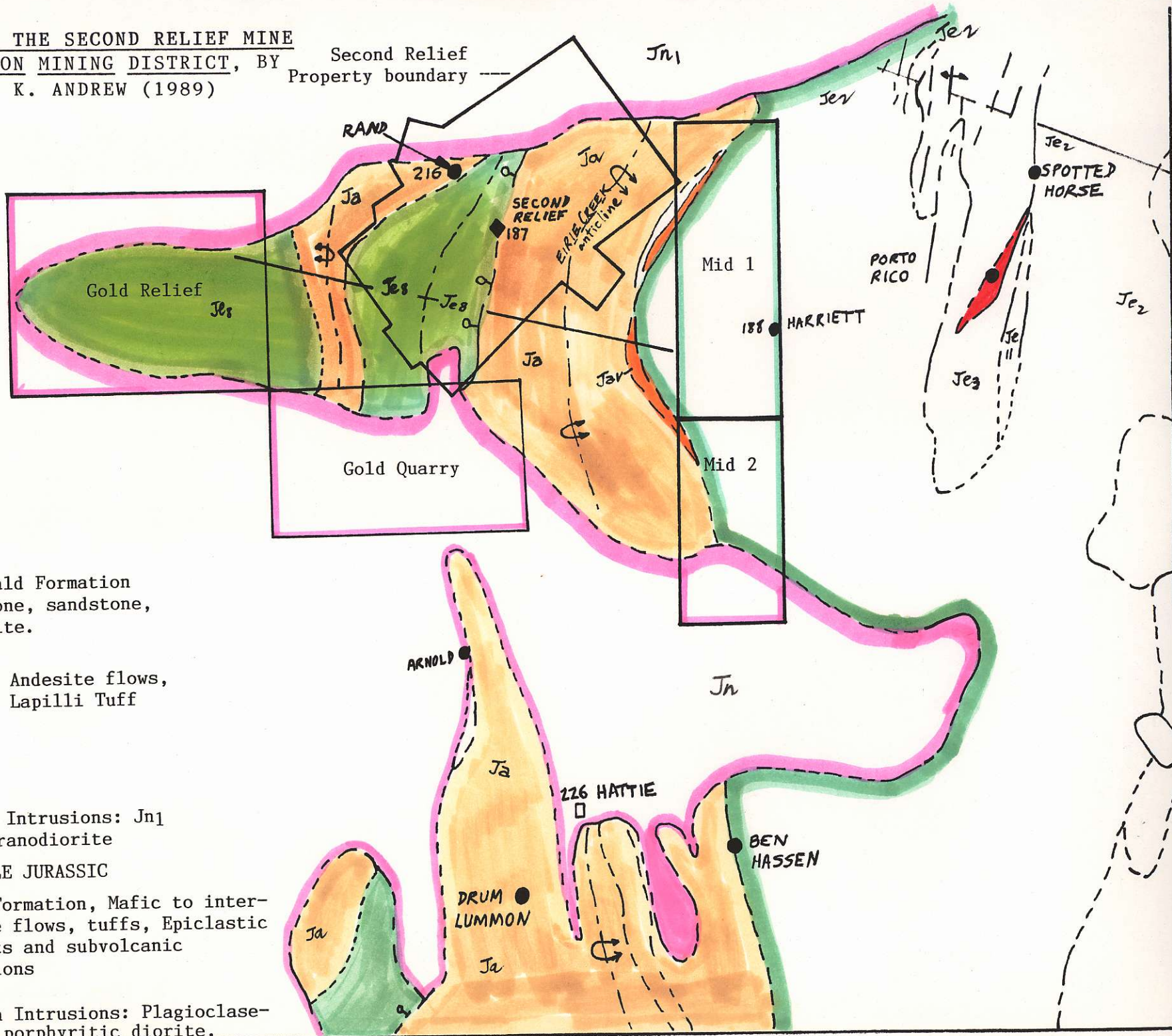
Mc Kay Cr. HATTIE GROUP
B U Cr.

Fig 20 Cr.

**GEOLOGY OF THE SECOND RELIEF MINE
AREA, NELSON MINING DISTRICT, BY
T. HOY AND K. ANDREW (1989)**

Second Relief
Property boundary ---

NORTH
↑



Ja Archibald Formation
Siltstone, sandstone,
argillite.

Jav Basalt, Andesite flows,
Lapilli Tuff

MESOZOIC

JURASSIC

Jn Nelson Intrusions: Jn1
Granodiorite

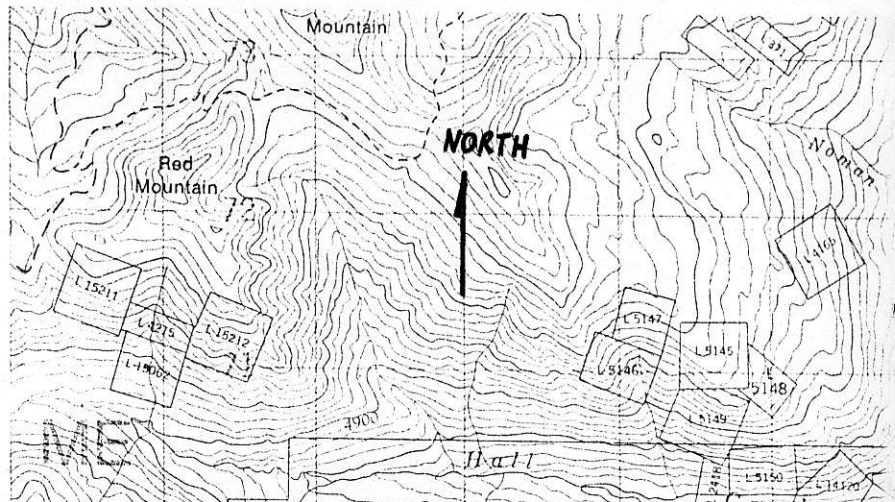
LOWER & MIDDLE JURASSIC

Je Elise Formation, Mafic to inter-
mediate flows, tuffs, Epiclastic
deposits and subvolcanic
intrusions

Jmm Mammoth Intrusions: Plagioclase-
augite porphyritic diorite.

	Production records				
	Average grade Au, opt	Average grade silver opt	Tonnage produced	oz Au	lb. Ag Pb Zn
Porto Rico	0.90	0.22	6,329	5,709	1401
Harriet	2.08	0.36	158	330	57
Second Relief	0.43	0.11	228,107	98,736	27,345

Note, m. denotes million pounds



Roads:	Routes:		
hard surface, all weather	pavée, toute saison	dual highway 2 chaussées séparées	more than 2 lanes plus de 2 voies
hard surface, all weather	pavée, toute saison	2 lanes 2 voies	less than 2 lanes moins de 2 voies
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more 2 voies ou plus	less than 2 lanes moins de 2 voies
loose surface, dry weather	de gravier, temps sec		
unclassified streets	rues hors classe		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

